



**AMBROVIT**<sup>®</sup>  
BOLTS+SCREWS

# PRODUCTS CATALOG

**#16**

[WWW.AMBROVIT.COM](http://WWW.AMBROVIT.COM)



# ALWAYS BESIDE THE CUSTOMERS

## Sempre al fianco del cliente

**“Offering a total supply service to an ever wider and more demanding customer base, thus ensuring added value in the traditional business relationship with the customer/supplier.”**

Since 1997, this has been and will always be the mission of Ambrovit S.p.A., also thanks to the commitment and determination of its two founders, two highly experienced entrepreneurs with a deep knowledge of fastening systems. Over time the objectives have expanded and diversified, with a wider and more detailed range of products every year, a constant search for quality and continuous innovations in logistics, which allow an ever faster and more precise order processing. This includes a high degree of seriousness and professionalism in satisfying the needs of each client.

**“Mettere a disposizione di una clientela, sempre più ampia ed esigente, un servizio total supply, assicurando così un valore aggiunto al tradizionale rapporto commerciale con il cliente/fornitore”.**

Dal 1997 questa è stata e sarà sempre la mission di Ambrovit S.p.A., grazie anche all'impegno e alla determinazione dei suoi due fondatori, imprenditori di grande esperienza e profonda conoscenza dei sistemi di fissaggio. Nel tempo gli obiettivi si sono ampliati e diversificati, con un'offerta di prodotti ogni anno più ampia e dettagliata, una costante ricerca della qualità e continue innovazioni nella logistica, che permettono un'evasione degli ordini sempre più rapida e precisa. Il tutto accompagnato da grande serietà e professionalità nel soddisfare le esigenze di ogni cliente.



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




STAINLESS STEEL SCREWS

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DRYWALL SCREWS

CARPENTRY WOOD SCREWS

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CHIPBOARD SCREWS

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**NEW**  
PRODUCT



MACHINE SCREWS

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TRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODS

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CONCRETE SCREWS

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SELF-DRILLING SCREWS

BITS

# 1

## A TECHNOLOGICAL HEADQUARTERS

### Una sede tecnologica

Globalisation and the strong expansion of the building sector in general and fastening systems in particular impose continuous challenges to remain competitive on the national and international market and gain a larger market share. **Ambrovit S.p.A.** addresses these challenges with constant research and implementation of new packaging, storage and transport systems for increasingly efficient products, whose main goal is prompt delivery and the best customer care. Thanks to the expanded capacity of the warehouse and the efficiency of packaging and shipping, Ambrovit is able to process several order types and volumes, ensuring its customers a prompt delivery of more than 12,000 available items, with reduced chance of error.

La globalizzazione e la forte espansione del settore edilizio in generale e dei sistemi di fissaggio in particolare impongono continue sfide per rimanere competitivi sul mercato nazionale ed internazionale e conquistarne una porzione sempre più ampia. **Ambrovit S.p.A.** risponde a queste sfide con una costante ricerca e implementazione di nuovi sistemi di confezionamento, stoccaggio e trasporto prodotti, sempre più performanti, che hanno come obiettivo principale la pronta consegna e l'estrema attenzione al cliente. Grazie alle ampie capacità del magazzino e all'efficienza del confezionamento e della spedizione, Ambrovit è in grado di soddisfare varie tipologie e volumi d'ordine, assicurando ai suoi clienti una pronta consegna degli oltre 12.000 articoli disponibili, con ridottissime possibilità di errore.





AMBROVIT

AMBROVIT



**OUR BRANDS**

I nostri marchi



**AMBROVIT**  
BOLTS+SCREWS

**AMBFEST EUROPE®**

SPECIAL BOX

BLIND RIVETS

STAINLESS STEEL  
SCREWS

HEX LAG  
SCREWS

DRYWALL  
SCREWS

CARPENTRY WOOD  
SCREWS

CHIPBOARD  
SCREWS

DOME & EURO  
SCREWS

MACHINE  
SCREWS

TRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODS

SELF-TAPPING  
SCREWS

CONCRETE  
SCREWS

BLOCKFRAME  
SCREWS

SELF-DRILLING  
SCREWS

BITS

# 2

## HIGH-TECH STORAGE AND LOGISTICS SYSTEMS

### Sistemi per lo stoccaggio e logistica ad alta tecnologia

For several years, **Ambrovit S.p.A.** has had a fully automated warehouse and, since May 2016, it doubled its size, to guarantee storage availability for over 44,000 pallet spaces distributed over 28 metres high. A miniloader and eight Mlog stacker cranes allow the daily processing of 5,000 picking lines, ensuring that orders are processed within 24/48 hours, for a faster and more efficient service.

Da ormai diversi anni **Ambrovit S.p.A.**, si avvale di un magazzino completamente automatizzato e, da maggio 2016, raddoppiato nelle dimensioni, per garantire una disponibilità di stoccaggio di oltre 44.000 posti pallet distribuiti su 28 metri di altezza. Un miniloader e gli otto trasloelevatori Mlog permettono di processare quotidianamente 5.000 righe di prelievo, garantendo un'evasione degli ordini entro 24/48 ore dalla ricezione, per un servizio sempre più rapido ed efficiente.





**OUR FOCUS IS TO RESPECT ALWAYS ITS DELIVERY TIMES, IN EUROPE AND ALL OVER THE WORLD**

**Il nostro obiettivo è rispettare sempre i tempi di consegna, in Europa e in tutto il mondo**

The Garlasco logistics centre, ever more technological and avant-garde, is up to any challenge; the picking bays receive the flows both from the stacker crane through the pallets and from the miniload racking through the trays, guaranteeing extreme speed and flexibility in the preparation of orders. The miniload warehouse, on the other hand, with its 3,000 trays, optimises the handling of flows even for small quantities of good.

Il polo logistico di Garlasco può essere considerato all'altezza di qualsiasi sfida, sempre più tecnologico e all'avanguardia, in cui le baie di picking ricevono i flussi sia dai traslo attraverso i pallet sia dal miniload attraverso i vassoi, garantendo estrema rapidità e flessibilità nella preparazione degli ordini. Il magazzino miniload invece, con i suoi 3.000 vassoi, ottimizza i flussi di movimentazione anche delle piccole quantità di merci.



# 3

## DIFFERENT PRODUCTS

### Prodotti differenti

**Ambrovit S.p.A.** sells a wide range of screws, bolts and fastening systems, with a wide selection of sizes and types, as well as finishes and galvanic treatments. The catalogue has more than 12,000 products ready for delivery, divided into 15 categories and available in the most different sizes: from 2 to 30 mm diameter and from 4 to 600 mm length. The catalogue was recently expanded with new sizes for products already listed, new anchoring concrete screws and a new section for rivets. There is strict compliance with the regulations that prohibit the use of galvanic treatments that are harmful to the environment and humans, with the introduction of the new Cr3 finishes that are free of Hexavalent Chrome.

**Ambrovit S.p.A.** commercializza un'ampia gamma di viti, bulloni e sistemi di fissaggio, con una vasta scelta sia per quel che riguarda misure e tipologie sia per quanto concerne le finiture e i trattamenti galvanici. Il catalogo vanta più di 12.000 prodotti in pronta consegna, suddivisi in 15 famiglie e disponibili nelle dimensioni più diverse: dai 2 ai 30 mm di diametro e dai 4 ai 600 mm di lunghezza. Molte le novità presenti, dall'implementazione di misure per i prodotti già presenti, alle nuove viti per calcestruzzo ancoranti fino ad arrivare alla nuova famiglia dei rivetti. Massima attenzione è stata data anche alle normative che vietano l'utilizzo di trattamenti galvanici nocivi per l'ambiente e per l'uomo, con l'introduzione delle nuove finiture Cr3 esenti da Cromo Esavalente.





## NEW FAMILY - BLIND RIVETS

### Nuova famiglia - Rivetti

Rivets are used to permanently fix plates, metal sheets or other materials such as plastic or wood. Due to their great versatility, they are used in many fields, from construction to aviation as well as the transport and infrastructure sectors. Blind rivets are the most widespread and differ from each other according to the types and materials used. They allow to operate on a single side in all those situations in which it is difficult to access from both. Fixing takes place by means of a special riveting machine. The most commonly used materials for making rivets are aluminium, steel and stainless steel.

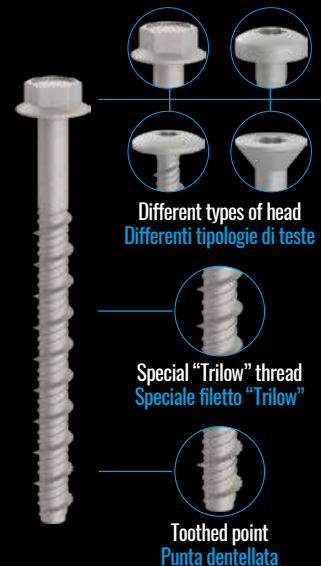
I rivetti sono utilizzati per fissare in modo permanente piastre, lamiere in metallo o di altro materiale come plastica o legno. Per la loro grande versatilità trovano applicazione in tantissimi campi, dall'edilizia all'aviazione passando per il settore dei trasporti e delle infrastrutture. I rivetti a strappo sono i più diffusi e differiscono fra loro per tipologie e materiali. Permettono anche di operare su un singolo lato in tutte quelle situazioni nelle quali è difficoltoso l'accesso da entrambi. Il fissaggio avviene tramite apposita rivettatrice. I materiali più utilizzati nella realizzazione dei rivetti sono l'alluminio, l'acciaio e l'acciaio Inox.

## NEW PRODUCTS - ANCHORING CONCRETE SCREWS

### Nuovi prodotti - Viti ancoranti per calcestruzzo

Anchoring concrete screws are widely used in various sectors, from plant engineering to industrial thermo-hydraulics, from the clamping of pipes or any other element, to the fixing of railings, frames, metal profiles, conduits and lighting elements. They allow metal or wooden parts to be fixed onto cracked and uncracked concrete. Among the advantages of these screws, we can point out: the considerable time saving between drilling and screwing, the possibility of removing and repositioning the anchor and a secure fixing, also in proximity of the edges. All the products have ETA certification Option 1 and are fire resistant. They are made up of special carbon steel.

Le viti ancoranti per calcestruzzo trovano un grande impiego in diversi settori, dall'impiantistica alla termoidraulica industriale, dallo staffaggio dei tubi o di altri elementi al fissaggio di inferriate, telai, profili metallici, canaline ed elementi di illuminazione. Consentono l'ancoraggio di parti metalliche o legno anche su calcestruzzo pieno o fessurato. Tra i vantaggi di queste viti va segnalato: notevole risparmio di tempo tra foratura e avvitatura, possibilità di rimozione e riposizionamento dell'ancorante, fissaggio sicuro anche vicino ai bordi. I prodotti a catalogo sono tutti dotati di certificazione ETA Option 1 e sono resistenti al fuoco. Vengono realizzate con particolari acciai temperati.



Different types of head  
Differenti tipologie di teste

Special "Trilow" thread  
Speciale filetto "Trilow"

Toothed point  
Punta dentellata



# 4

## EVERYTHING IS CERTIFIED! Tutto certificato!

Most of Ambrovit S.p.A. products are certified and diversified according to their type and use. From 2011, Ambrovit S.p.A. has had a Quality Management System certification in accordance with the UNI EN ISO 9001 standard. Periodic surveillance audits, performed by TUV on all production processes, guarantee compliance with all the requirements specified by international regulations. Among the various certifications, the company has:

- Euro-standards 14592 and 14566, which provide the dimensional parameters, tests and control methods for the conformity of all construction products to the EC market;
- ETA 16/0381 certification for the entire range of screws for carpentry
- ETA 18/1065 Option 1 certification for anchoring concrete screws.
- Gost R Certificate of conformity and security for trade on the Russian market.

Further quality control tests are carried out directly in the internal laboratory, in collaboration with the laboratories of the Department of Mechanical and Structural Engineering of the University of Trento.

La maggior parte dei prodotti **Ambrovit S.p.A.** sono muniti di certificazioni, diversificate a seconda della tipologia e del loro utilizzo. Dal 2011 Ambrovit S.p.A. è in possesso della certificazione del Sistema di Gestione Qualità in accordo alla norma Uni En Iso 9001. Audit di sorveglianza periodici, eseguiti da TUV su tutti i processi produttivi, garantiscono la conformità a tutti i requisiti richiesti dalla normativa internazionale.

Tra le varie certificazioni annoveriamo:

- l'Euronorma 14592 e 14566 che forniscono i parametri dimensionali, test e modalità di controllo per la conformità di tutti i prodotti da costruzione al mercato CE;
- Certificazione ETA 16/0381 per l'intera gamma di viti per carpenteria
- Certificazione ETA 18/1065 Option 1 per le viti per calcestruzzo ancoranti.
- Certificato Gost R di conformità e sicurezza per il commercio sul mercato russo.

Ulteriori test di controllo qualità vengono eseguiti direttamente in sede nel laboratorio interno, in collaborazione con i laboratori del Dipartimento d'ingegneria meccanica e strutturale dell'Università di Trento.



European technical approval  
Benestare tecnico europeo



Declaration of performance according to the European regulation for construction products  
Dichiarazione di prestazione in accordo al regolamento Europeo sui prodotti da costruzione



Certification of the quality system has been found to comply with the requirements of uni en Iso 9001  
Certificazione del sistema di qualità conforme ai requisiti della norma uni en Iso 9001



Trento University Department of Mechanical and Structural Engineering  
Università degli Studi di Trento Dipartimento di Ingegneria Meccanica e Strutturale



Statement which certifies the quality, safety and conformity of the product. For the Russian market  
Certificazione attestante la qualità, la sicurezza e la conformità del prodotto. Destinata al mercato russo



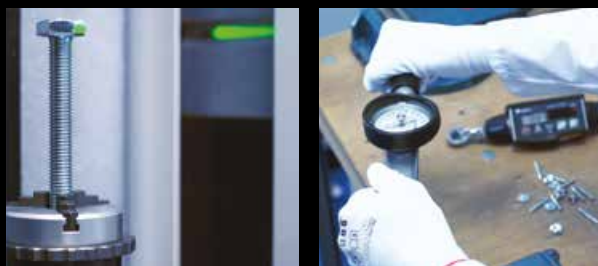
For the Russian market, Ambrovit S.p.A. is a member of the Russian association for the construction of timber houses  
Per il mercato russo Ambrovit S.p.A. è membro dell'Associazione russa per la costruzione di case in legno.

# 5 QUALITY CONTROL

## Controllo qualità

The quality control laboratory is equipped with very sophisticated state-of-the-art instruments and with constantly updated statistical software, in line with European parameters to ensure the reliability of operations as well as of the results obtained. Each instrument undergoes periodic calibrations in compliance with the management procedures and with the UNI EN ISO 9001 Standard.

Il laboratorio per il controllo qualità presente all'interno dell'azienda dispone dei più sofisticati strumenti di ultima generazione e di software di statistica costantemente aggiornati e in linea con i parametri europei per garantire l'affidabilità del funzionamento e l'attendibilità dei risultati. Ogni strumento viene sottoposto a tarature periodiche in ottemperanza alle procedure gestionali e alla Norma UNI EN ISO 9001.



### TECHNICAL INSTRUMENTS

#### Strumenti tecnici

- ▶ **HITECH EUROPE C 250 S**  
 metallographic micro cutting machine // *Troncatrice*
- ▶ **HITECH EUROPE EP 15**  
 Pneumatic mounting press // *Pressa*
- ▶ **HITECH EUROPE AP 21 V**  
 Automatic polisher grinding machine // *Pulitrice*
- ▶ **FUTURE TECH FR - 3 E**  
 Rockwell hardness tester // *Duometro Rockwell*
- ▶ **FUTURE TECH FV - 300**  
 Vickers micro hardness tester + dedicated software  
*Duometro Vickers e software dedicato*
- ▶ **NIKON SMZ 745 T**  
 Stereoscopic microscopes + dedicated software  
*Stereomicroscopio e software dedicato*
- ▶ **KARL DEUTSCH LEPTOSKOP 2042**  
 Coating thickness tester // *Spessimetro*
- ▶ **NIKON MP-V12**  
 Projector // *Proiettore*
- ▶ **DELTAFLUX**  
 Drilling testing machine and dedicated software  
*Macchina per test di foratura e software dedicato*
- ▶ **CORROSIONBOX**  
 For salt spray test according to ISO-DIN  
*Per prova di resistenza in nebbia salina  
 in accordo a norme ISO-DIN*

## 6

# FINISHES AND TREATMENTS

## Finiture e trattamenti

### GALVANIC TREATMENTS

#### Trattamenti galvanici di zincatura

Being always focused on environmental protection and workers' health, Ambrovit S.p.A. has long been aligned with the European RoHS Directive 2011/65/EC "RoHS" (Restriction of Hazardous Substances Directive). This directive introduced restrictive regulations concerning the use of harmful and therefore dangerous substances in electrical and electronic equipment (EEE), in order to contribute to their correct recovery and disposal. For this reason, Ambrovit S.p.A. has long since stocked its own warehouses with Cr3 galvanic treatment free from Hexavalent Chrome. There are three types of galvanic treatment in the catalogue: yellow, white and black, the latter with limited resistance to corrosion, but with the possibility of increasing it through the use of sealants.

Sempre attenta e sensibile alla salvaguardia dell'ambiente e alla salute umana, Ambrovit S.p.A. è da tempo allineata alla Direttiva Comunitaria Europea RoHS 2011/65/CE "RoHS" (Restriction of Hazardous Substances Directive). Tale direttiva ha introdotto norme restrittive riguardanti l'uso di sostanze nocive, quindi pericolose, nelle apparecchiature elettriche ed elettroniche (AEE), al fine di contribuire al loro corretto recupero e smaltimento. Proprio per questo motivo Ambrovit S.p.A. ha da tempo rifornito i propri magazzini di prodotti con Zincatura Cr3 esente da Cromo Esivalente. Tre le tipologie di zincatura presenti a catalogo: gialla, bianca e nera, quest'ultima con limitata resistenza alla corrosione, ma con la possibilità di aumentarla attraverso l'ausilio di sigillanti.

### GALVANIZING // ZINCATURA



Blue Znc Cr3  
Zincata Cr3

**TG 40** HIGH TOP  
Znc Cr3 8µm  
400 hr  
RoHS compliant



Blue Znc Cr3  
Zincata Cr3

**TG 31** TOP  
Znc Cr3 8µm  
120 hr  
RoHS compliant



Blue Znc Cr3  
Zincata Cr3

**TG 46** MEDIUM  
Znc Cr3 5µm  
72 hr  
RoHS compliant



Yellow Znc Cr3  
Zinc. gialla Cr3

**TG 52** YELLOW  
Znc Cr3 3µm  
36 hr  
RoHS compliant



Blue Znc Cr3  
Zincata Cr3

**TG 51** BASE  
Znc Cr3 3µm  
24 hr  
RoHS compliant



Hot Dip Galv.  
Zincata a caldo

**TG 58** HOT DIP GALVANIZED  
HDG ~ 40µm  
RoHS compliant



Black Znc Cr3  
Zincata nera Cr3

**TG 57** BLACK  
Znc Cr3  
Aesthetic treatment  
RoHS compliant



WE PRESERVE THE ENVIRONMENT AND HUMANS! ALWAYS BUY PRODUCTS MADE WITH MATERIALS IN ACCORDANCE WITH EUROPEAN DIRECTIVES. PRESERVIAMO L'AMBIENTE E L'UOMO! ACQUISTATE SEMPRE PRODOTTI REALIZZATI CON MATERIALI IN LINEA CON LE DIRETTIVE EUROPEE.



**ENVIRONMENT AND HEALTH,**  
we are always up-to-date with Regulations

**AMBIENTE E SALUTE,**  
noi sempre aggiornati con le Normative



## YELLOW ZINC CR3 FINISHING, HEXAVALENT CHROMIUM FREE

### Finitura Zincata gialla Cr3, esente da Cromo Esavalente

The yellow galvanic finishing Cr3 (Trivalent Chromium), with a quality substantially equal to that of Hexavalent Chromium, in terms of colour and aesthetic yield, is not toxic or dangerous at all and it respects the parameters established by the law, in particular, by the European RoHS Directive 2011/65/CE "RoHS".

This Regulation requires that from 2017 no product is made using Hexavalent Chromium, which for several years was the most common method for coating steel components and accessories, with the aim of protecting them from corrosion. Nonetheless, this type of finish has been banned because is considered harmful to both the environment and humans. Ambrovit immediately complied with this change by reviewing all its production standards and using only Trivalent Chromium for its products.

All Hexavalent Chromium products still in stock will only be available until end of stock.

La finitura Zincata gialla Cr3 (Cromo Trivalente), a fronte di una qualità sostanzialmente uguale a quella del Cromo Esavalente, in termini di resa cromatica ed estetica, non è tossica o pericolosa in alcun modo e rientra nei parametri stabiliti dalla legge, in particolare, dalla Direttiva Comunitaria Europea RoHS 2011/65/CE "RoHS". Tale Normativa impone che dal 2017 nessun prodotto possa essere realizzato utilizzando il Cromo Esavalente, che per parecchi anni è stato il metodo più diffuso per rivestire componenti e accessori in acciaio, con lo scopo di proteggerli dalla corrosione. Questa tipologia di finitura però è stata vietata perché considerata dannosa sia per l'ambiente che per l'uomo. Ambrovit si è immediatamente conformata a questo cambiamento rivedendo tutti i suoi standard produttivi e utilizzando, per i propri prodotti, solo il Cromo Trivalente. Tutti i prodotti in Cromo Esavalente ancora presenti in magazzino saranno disponibili esclusivamente fino ad esaurimento scorte.

## SPECIAL SALT SPRAY TEST TREATMENTS WITH “HIGH/EXTREMELY HIGH RESISTANCE” (1,000 hr)

Trattamenti speciali in nebbia salina ad “alta/altissima resistenza” (1.000 hr)

### ENDURO COATING Trattamento Enduro

Coating used for tough external environment. The three-layer inorganic ceramic treatment guarantees elevated resistance to corrosion. As well as guaranteeing up to 1,000 hr salt spray test resistance (in conformity with ISO 9227 standard), this finish also improves screw performance and duration.

Trattamento utilizzato per ambienti esterni “difficili”. Rivestimento ceramico tri-strato non organico per un’elevata resistenza alla corrosione. Questa finitura, oltre a garantire fino a 1.000 hr di resistenza in nebbia salina (in accordo alla normativa Iso 9227), migliora anche la performance della vite e la sua durata.



### NANO COATING Trattamento Nano

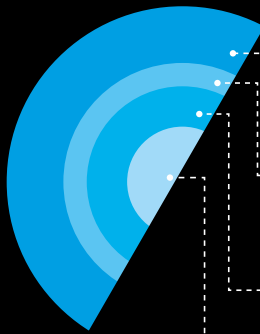
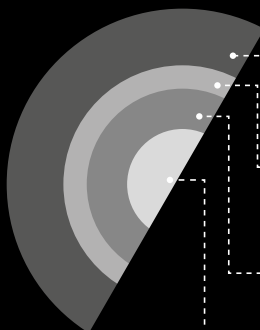
Coating used for tough external environment. This is a three layered organic surface treatment system with high corrosion resistance and performance due to its unique physical properties. The first layer is an anti-abrasive basecoat that prevents the coating from stripping. Subsequent layers of Nano coatings are to provide the coated product up to 1,000 hr salt spray test and 15 cycle of Kesternich test. This coating contains teflon which decreases the drilling/torque while maintaining its corrosion resistance.

Trattamento utilizzato per ambienti esterni “difficili”. Si tratta di un rivestimento tri-strato organico ad elevata resistenza e prestazione grazie alla sua proprietà fisica “unica”. Il primo è uno strato di base anti-abrasivo. I successivi strati di Nano coating servono a garantire fino a 1.000 hr di resistenza in nebbia salina con 15 cicli di test Kesternich. Questo rivestimento contiene teflon che diminuisce la coppia di foratura/serraggio pur mantenendo la sua resistenza alla corrosione.



**1,000 HR SALT SPRAY TEST**

Resistenza in nebbia Salina 1.000 hr

**ENDURO COATING**  
Trattamento Enduro10 µm thick fired ceramic coating  
10 µm di rivestimento ceramico cotto~2 µm high corrosion resistant  
chemical conversion film  
~2 µm di film di conversione chimica  
ad alta resistenza alla corrosione spessore3 - 5 µm of metal zinc layer  
3 - 5 µm strato di zinco metallicoSteel substrate  
Substrato in acciaio**NANO COATING**  
Trattamento Nano15 µm of Nanocoat  
15 µm di trattamento nano5 µm of anti-abrasive basecoat  
5 µm di strato anti-abrasivo5 - 8 µm of Cr3 zinc coating  
5 - 8 µm di trattamento zincato bianco Cr3Steel substrate  
Substrato in acciaio**“AESTHETIC” GALVANIC TREATMENTS**  
Trattamenti galvanici “estetici”

These types of treatments are essentially decorative and indicated above all for their use in indoor environments, in the furniture industry, far from atmospheric polluting agents that could alter their performance and quality.

Questi tipi di trattamenti sono essenzialmente decorativi e indicati soprattutto per un loro utilizzo in ambienti interni, nell'industria del mobile, lontani da agenti atmosferici inquinanti che potrebbero alterarne le prestazioni e la qualità.

Bronze plated  
Bronzata**TG 3** BRONZE  
Plated

Aesthetic treatment

Nickel plated  
Nichelata**TG 4** NICKEL  
Plated

Aesthetic treatment

Brass plated  
Ottonata**TG 5** BRASS  
Plated

Aesthetic treatment



However, among the decorative treatments we find some products with phosphated finish which, due to their particular use in the plasterboard industry, provide a salt spray resistance of 48 hr.

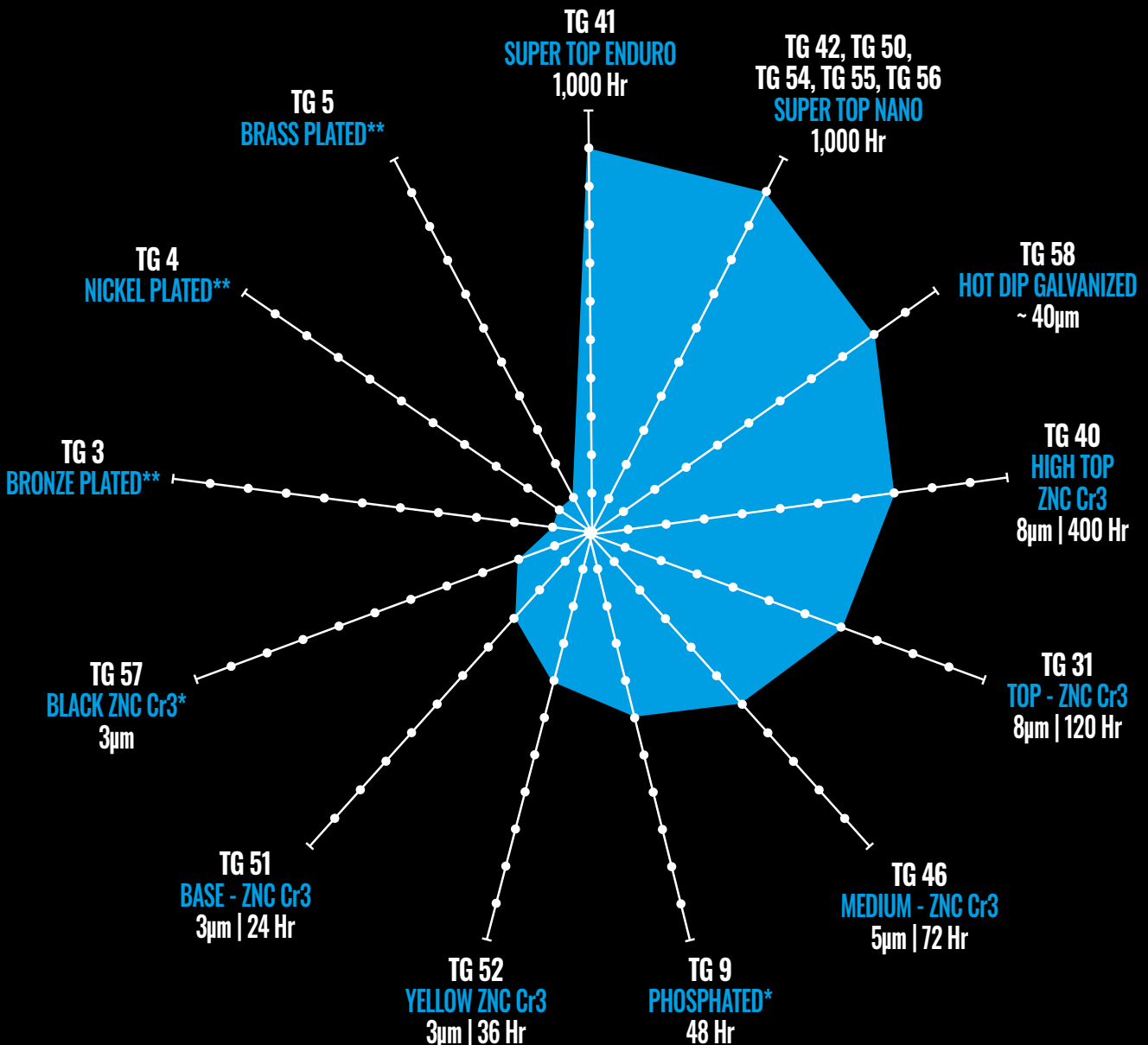
Tra i trattamenti decorativi troviamo comunque alcuni prodotti con finitura fosfatata che, per il loro particolare utilizzo nell'industria del cartongesso, prevedono una resistenza in nebbia salina di 48 hr.

Phosphated  
Fosfatata**TG 9** PHOSPHATED  
Aesthetic treatment  
48 hr



# BEST GALVANIC TREATMENTS WEATHERING-RESISTANT

Migliori trattamenti galvanici resistenti agli agenti atmosferici



\* With low corrosion-resistant (possibility of increasing it only with the aid of sealants).

\* Con limitata resistenza alla corrosione (possibilità di aumentarla solo esclusivamente con l'ausilio di sigillanti).

\*\* Treatments of a purely aesthetic and/or decorative nature for use in indoor applications.

\*\* Trattamenti puramente estetici e/o decorativi consigliati per un utilizzo in ambienti interni.

# 7 PACKAGING AND LOGISTICS

## Confezionamento e logistica

The packaging of the products plays a decisive role and is performed directly in the company, to offer the best quality, minimizing the margin of error.

All products may be packed:

- in customised single wall cardboard boxes of different sizes, suitable for each type and length of the product;
- in bulk, in 20 kg single wall cardboard boxes;
- in polypropylene bags;
- in recyclable plastic bags with a maximum capacity of 1 kg.

All packages are standardised. This allows you to order and receive the material according to your storage needs.

Il confezionamento dei prodotti ha un ruolo determinante e viene eseguito direttamente in azienda, per offrire la migliore qualità con il minimo margine di errore.

Tutti i prodotti possono essere confezionati:

- in scatole personalizzate di cartone in microonda di differenti misure, adatte ad ogni tipologia e lunghezza del prodotto;
- sfusi, in scatoloni di cartone in microonda da 20 kg;
- in sacchi di polipropilene;
- in sacchetti di plastica riciclabile con capacità massima di 1 kg.

Tutti gli imballi sono standardizzati. Questo consente di ordinare e ricevere il materiale secondo le proprie esigenze di stoccaggio.

BOX  
SCATOLA



**+10%**  
Increase will be applied to each box

Aumento che verrà applicato sulla singola scatola



**MINIMUM CONSIGNMENT**  
This is the minimum quantity not subject to a 10% increase

**FORNITURA MINIMA**  
È la minima quantità su cui non verrà applicato l'aumento del 10%

PIECES PER CARTON  
PEZZI PER CARTONE



**BULK**  
CONFEZIONE INDUSTRIALE



WE ARE OPTIMIZING OUR PACKAGING, THEREFORE THE QUANTITIES PER CARTON MAY DIFFER FROM THOSE INDICATED IN THE CATALOGUE. Stiamo ottimizzando il nostro packaging, pertanto i quantitativi per cartone potrebbero differire da quelli indicati a catalogo.

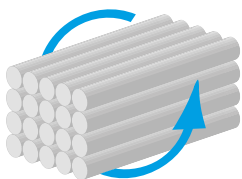
## PACKAGING Confezioni

All Ambrovit products are identified by a specific label that complies with the standards required by current regulations. In compliance with the obligations deriving from the regulations applicable to CE marked products, the label must necessarily show, for each primary packaging (box/carton), certain identifying information of the product (certifications, type, use, product code, quantity, design, barcode). See the example on the side.

Tutti i prodotti Ambrovit sono identificati tramite specifica etichetta conforme agli standard previsti dalle attuali normative vigenti. In ottemperanza agli obblighi derivanti dalle normative applicabili ai prodotti marcati CE, l'etichetta deve necessariamente riportare, per ciascun imballo primario (scatola/cartone), alcune informazioni identificative del prodotto (certificazioni, tipologia, utilizzo, codice prodotto, quantità, disegno, barcode). Vedi esempio qui a fianco



PIECES PER BAG  
PEZZI PER SACCHETTO



PIECES PER BUNDLE  
PEZZI PER FASCIO

# BOLTS+SCREWS

<p><b>AMFAST europe®</b> - plant N. 2645 -</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">               16              ETA 16/0381         </div> <div style="text-align: center;">               13              EN 14592         </div> </div> <p style="text-align: center;"></p>	<p><b>CARPENTRY SCREWS</b> <b>VITI PER CARPENTERIA</b></p> <table style="width: 100%; border: none;"> <tr> <td style="border: none;"><i>PROD. CODE</i></td> <td style="border: none;"><i>DIMENSION</i></td> <td style="border: none;"><i>LOT. N.</i></td> </tr> <tr> <td style="border: none;"><b>67052</b></td> <td style="border: none;"><b>8x280/80</b></td> <td style="border: none;"><b>003547</b></td> </tr> </table> <p><i>MATERIAL</i> <b>Carbon Steel C10B21</b></p> <p><i>USE</i> <b>For timber structure load</b></p>	<i>PROD. CODE</i>	<i>DIMENSION</i>	<i>LOT. N.</i>	<b>67052</b>	<b>8x280/80</b>	<b>003547</b>
<i>PROD. CODE</i>	<i>DIMENSION</i>	<i>LOT. N.</i>					
<b>67052</b>	<b>8x280/80</b>	<b>003547</b>					

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<p><b>CARPENTRY SCREWS</b> <i>TX wafer head w/serration type 17</i></p> <p><b>VITI PER CARPENTERIA</b> <i>TMT ran. TX super svas. autoperforante</i></p> <p style="font-size: 1.2em; font-weight: bold;">67052</p> <p>TG 52 Yellow Cr3 - Trop. Cr3</p>	<div style="background-color: black; color: white; padding: 5px; font-weight: bold; font-size: 1.2em;">8x280/80</div> <div style="background-color: black; color: white; padding: 2px 5px; font-weight: bold; font-size: 0.8em;">PCS 50</div> <p>Lot.003547</p> <p style="font-weight: bold; font-size: 0.8em;">TX 40</p>
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**WIKI SCREW**

All products features you need to know

D.o.P / Scht: AMB 67052

8032975123456

## SPECIAL BOX Confezione Speciale

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard



From 2019, Ambrovit S.p.A. has added a new “Special Package” to its already large range of boxes. This type of packaging has German origins (**klein Paket**) and has always had the main function of meeting the needs of all those end users who need to procure a specific product without being forced to buy excessive quantities, thus avoiding unnecessary waste and above all high costs. This “Special Package”, in fact, varies in the reduced quantity of product present inside each single package.

Dal 2019 Ambrovit S.p.A. ha implementato la sua già ricca gamma di scatole con una nuova “Confezione Speciale”. Questa tipologia di packaging ha origini tedesche (**klein Paket**) ed è nata con la funzione principale di far fronte alle esigenze di tutti quegli utenti finali che hanno la necessità di approvvigionarsi di un determinato prodotto senza per questo essere costretti ad acquistarne quantità eccessive, evitando così inutili sprechi e soprattutto costi. Questa “Confezione Speciale”, infatti, varia nel ridotto quantitativo di prodotto presente all’interno di ogni singola confezione.



## AVAILABLE PRODUCTS WITH “SPECIAL BOX” Prodotti disponibili con “Confezione Speciale”

✔ **CARPENTRY WOOD SCREWS** // Viti per carpenteria in legno  
**87052-94**  Page // pag. 48

✔ **NUTS** // Dadi  
**93480-94**  Page // pag. 50

**98580-94**  Page // pag. 52

**98280-94**  Page // pag. 54

**69238-94**  Page // pag. 56

**15870-94**  Page // pag. 58

**63348-94**  Page // pag. 60

✔ **SELF-TAPPING SCREWS** // Viti autofilettanti  
**79810-94**  Page // pag. 62

**79820-94**  Page // pag. 64

✔ **EPDM WASHER** // Rondella EPDM  
**81072-94**  Page // pag. 66



## 8

## DIGITAL CATALOG

### Il catalogo digitale

The entire range of Ambrovit products may also be consulted online! Our digital catalogue includes the technical sheets of all our products to offer a more complete and updated service.

Tutta la gamma di prodotti Ambrovit è consultabile anche on-line! Sul nostro catalogo digitale sono disponibili le schede tecniche di tutti i nostri prodotti per offrire un servizio sempre più completo e aggiornato.

[www.catalog.ambrovit.it](http://www.catalog.ambrovit.it)



### FEATURES

#### Caratteristiche

- ▶ **6**  
 Differents languages  
 Lingue differenti
- ▶ **15**  
 Products families  
 Famiglie prodotto
- ▶ **+12,000**  
 Products  
 Prodotti

## B2B.AMBROVIT.IT

**Ambrovit S.p.A.** provides its customers with a **B2B** (Business-to-Business) e-commerce platform for the electronic management of all the main activities of the company. This management will also involve partners, suppliers and customers. With the automated control of business processes, it will be possible to monitor every type of activity (distribution, sales, purchases), to create connections between the various areas and the various competent offices, which will thus be able to interact in total autonomy.

**Ambrovit S.p.A.** mette a disposizione dei propri clienti una piattaforma e-commerce **B2B** (Business-to-Business) per la gestione elettronica di tutte le principali attività dell'azienda. tale gestione coinvolgerà anche partner, fornitori e clienti. Con il controllo automatizzato dei processi aziendali si potrà monitorare ogni tipo di attività (distribuzione, vendite, acquisti), fino a creare collegamenti fra le varie aree e i diversi uffici competenti, che potranno così interagire in totale autonomia.

# 9

## EVENTS AND MEETINGS

### Manifestazioni e incontri

Trade fairs are becoming increasingly strategic, both for having a direct comparison with the customer/supplier and for directly assessing a constantly growing market.

**Ambrovit S.p.A.** is always present at these important events in order to present all the news and products in the catalogue and offer high quality, technical support and professionalism.

Currently, export trends position Italy among the leading countries in the sector and the constant evolution in the field of fasteners and bolts push the Garlasco company to significantly increase its presence in trade fairs, with a particular interest regarding all those developing countries that represent a new and promising market.

Le fiere di settore assumono sempre più un'importanza strategica sia per avere un confronto diretto con il cliente/fornitore sia per tastare direttamente il polso di un settore sempre in costante crescita. **Ambrovit S.p.A.** è sempre presente a questi importanti appuntamenti per poter presentare tutte le novità e i prodotti presenti a catalogo, ed offrire un supporto tecnico di alta qualità e professionalità. Attualmente i trend di esportazione mettono l'Italia fra i Paesi leader nel settore e la costante evoluzione nel campo della viteria e bulloneria spinge l'azienda di Garlasco ad aumentare sensibilmente la propria presenza negli ambienti fieristici, con un occhio particolarmente interessato verso tutti quei paesi in via di sviluppo che rappresentano un nuovo e promettente mercato.

**AZERBAIJAN**  
BAKUBUILD / Baku

**BELARUS**  
BUDPRAGRES / Minsk

**CZECH REPUBLIC**  
FOR WOOD / Praha

**FRANCE**  
BATIMAT / Paris  
FASTENER FAIR / Paris

**GERMANY**  
FASTENER FAIR / Hannover  
INTERNAT. HARDWARE FAIR / Cologne  
FASTENER FAIR / Stuttgart

**HUNGARY**  
FASTENER FAIR / Budapest

**ITALY**  
SIFUC / Napoli  
FEREXPO / Bergamo  
iFERR FERRAMENTA DAY / Milano  
FASTENER FAIR ITALY / Milano  
SiFERR / Napoli

**KAZAKHSTAN**  
KAZBUILD / Almaty

**MEXICO**  
FASTENER FAIR / Mexico City

**POLAND**  
BUDMA / Poznan

**ROMANIA**  
BUYER POINT / Bucharest

**RUSSIA**  
FASTENER FAIR RUSSIA / St. Petersburg  
FASTENER FAIR RUSSIA / Moscow  
MITEX / Moscow  
MOSBUILD / Moscow

**RWANDA**  
BUILDEXPO / Kigali

**SERBIA**  
INTERNAT. BUILDING TRADE FAIR / Belgrade

**SPAIN**  
FERRORORMA / Bilbao

**TANZANIA**  
BUILDEXPO / Dar-es-Salaam

**UKRAINE**  
KYIVBUILD / Kyiv

**UNITED KINGDOM**  
UK CONSTRUCTION WEEK / Birmingham



BLIND RIVETS

STAINLESS STEEL SCREWS

HEX LAG SCREWS

DRYWALL SCREWS

CARPENTRY WOOD SCREWS

CHIPBOARD SCREWS

DOME & EURO SCREWS

MACHINE SCREWS

TRILOBULAR SCREWS NUTS BOLTS WASHERS THREADED RODS

SELF-TAPPING SCREWS

CONCRETE SCREWS

BLOCKFRAME SCREWS

SELF-DRILLING SCREWS

BITS

# 10 GENERAL SALES CONDITIONS

## Condizioni generali di vendita

### ORDERS ORDINI

Orders received by e-mail, fax and/or through area sales agents are always confirmed by Ambrovit with the issuing of an Order Confirmation.  
**Minimum amount for invoicing: Euro 1,000.00 on export.**

Gli ordini ricevuti mediante e-mail, fax e/o tramite gli agenti di zona vengono sempre confermati da Ambrovit con emissione della relativa Conferma d'ordine.  
**Importo minimo per singola spedizione Euro 150,00 sul mercato italiano.**

### PRICES PREZZI

The prices expressed in the present list are referring to **1000 pieces**, except in the case where the prices are referring to the unit.  
**For orders of singles small boxes will be applied an increase of 10% with exception of articles without "minimum consignment" and "cartons" (see single article cards).**

I prezzi espressi nel presente listino sono da intendersi al mille, salvo eccezioni in cui i prezzi sono espressi all'unità.  
**Per ordini con scatolette singole verrà applicato un aumento del 10% ad eccezione degli articoli che non prevedono la "fornitura minima" e il "cartone" (vedi singole schede articoli).**

### DELIVERIES RESA

Ex works.

- Porto assegnato.
- Porto franco con addebito in fattura delle spese di trasporto.

### PACKAGING IMBALLI

On pallets 800x1200 or europallets (extra charge).

Gratis su pallets a perdere.

### PAYMENTS PAGAMENTI

In advance by T/T.

**Pagamento anticipato** ad avviso di merce pronta con rimessa diretta e/o bonifico bancario.

### SAMPLE REQUEST RICHIESTA CAMPIONI

In case of requested samples that are not available in the sample warehouse, part of the cost amounting to the cost of the box will be charged.

In caso di richiesta di campioni non disponibili nel magazzino adibito alla campionatura, verrà addebitato un concorso spese pari al costo della scatoletta.



WE ARE OPTIMIZING OUR PACKAGING, THEREFORE THE QUANTITIES PER CARTON MAY DIFFER FROM THOSE INDICATED IN THE CATALOGUE.  
Stiamo ottimizzando il nostro packaging, pertanto i quantitativi per cartone potrebbero differire da quelli indicati a catalogo.

**EVENTUAL CLAIMS  
OR RETURNS****RESI ED  
EVENTUALI RECLAMI**

- Eventual returns and/or claims must be authorized beforehand by Ambrovit.
- **In case of goods returned for disputes which cannot be attributed to Ambrovit if accepted, 20% of the management expenses of the contested goods will be charged.**
- **No claims will be accepted from the buyer after 10 days from receiving of the goods.**
- For any controversies arising, the legal court of jurisdiction is Pavia (Italy) court.

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- Eventuali resi e/o sostituzioni, accettati solo per iscritto, dovranno essere autorizzati preventivamente da Ambrovit.
- **Nell'eventualità di resi di merce per contestazioni non imputabili ad Ambrovit nel caso in cui venissero accettate verrà addebitato un concorso di spese di gestione pari al 20% della merce contestata.**
- **Non verranno accettati reclami da parte del committente trascorsi 10 giorni dal ricevimento della merce.**
- Per qualsiasi controversia è competente il Foro di Pavia.






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**Export** Fax +39 382 1760014 [sales@ambrovit.it](mailto:sales@ambrovit.it)  
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graphic design: moma Studio | photo credits: Matteo Cappè

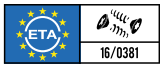
# PRODUCTS LIST

-  Listino prodotti
-  Produktliste
-  Liste de produits
-  Listado de productos
-  Список продукции

**SPECIAL BOX / Less pieces than standard packaging // Quantità ridotta rispetto allo standard**

**87052-94** C10B21 **SPECIAL BOX** PAGE **48**

CARPENTRY WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17



USABLE WITH 00077



**SPECIAL BOX**  
Info Page 22

**93480-94** CL. 8 (6S) **SPECIAL BOX** PAGE **50**

HEXAGON NUTS COARSE THREAD



DIN 934  
Uni 5588



**SPECIAL BOX**  
Info Page 22

**98580-94** CL. 8 (6S) **SPECIAL BOX** PAGE **52**

INSERT NYLON NUTS LOW TYPE COARSE THREAD



DIN 985  
Uni 7474



**SPECIAL BOX**  
Info Page 22

**98280-94** CL. 8 (6S) **SPECIAL BOX** PAGE **54**

INSERT NYLON NUTS HIGH TYPE COARSE THREAD



DIN 982  
Uni 7473



**SPECIAL BOX**  
Info Page 22

**69238-94** CL. 8 (6S) **SPECIAL BOX** PAGE **56**

HEXAGON FLANGE NUTS WITH SERRATION COARSE THREAD



DIN 6923



**SPECIAL BOX**  
Info Page 22

**15870-94** LOW RES. **SPECIAL BOX** PAGE **58**

HEXAGON DOMED CAP NUTS



DIN 1587  
Uni 5721



**SPECIAL BOX**  
Info Page 22

**63348-94** LOW RES. **SPECIAL BOX** PAGE **60**

HEXAGON COUPLING NUTS



DIN 6334  
Uni 5535



**SPECIAL BOX**  
Info Page 22

**79810-94** C1022 **SPECIAL BOX** PAGE **62**

SELF-TAPPING SCREWS PH PAN HEAD



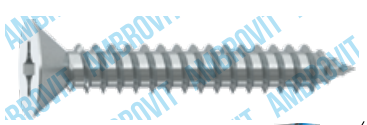
DIN 7981  
Uni 6954 • Iso 7049



**SPECIAL BOX**  
Info Page 22

**79820-94** C1022 **SPECIAL BOX** PAGE **64**

SELF-TAPPING SCREWS PH FLAT HEAD



DIN 7982  
Uni 6955 • Iso 7050



**SPECIAL BOX**  
Info Page 22

**81072-94** C1022 **SPECIAL BOX** PAGE **66**

STEEL EPDM BONDED WASHERS

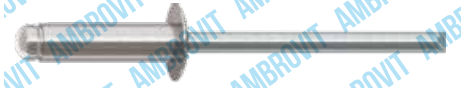


**SPECIAL BOX**  
Info Page 22

**SPECIAL BOX / Less pieces than standard packaging // Quantità ridotta rispetto allo standard**

**73373** ALU/STEEL **NEW** PRODUCT PAGE **70**

BLIND RIVETS OPEN TYPE DOME HEAD ALU/STEEL



**73003** ALU/STEEL **NEW** PRODUCT PAGE **72**

BLIND RIVETS OPEN TYPE LARGE HEAD ALU/STEEL



**Large Head**

**73372** STEEL/STEEL **NEW** PRODUCT PAGE **74**

BLIND RIVETS OPEN TYPE DOME HEAD STEEL/STEEL



**73377** S.S. A2 **NEW** PRODUCT PAGE **76** PAGE **84**

BLIND RIVETS OPEN TYPE DOME HEAD STAINL. A2/STAINL. A2



**04367** S.S. A4 PAGE **81**

STAINLESS STEEL TERRACE SCREWS TX TRIM CONICAL HEAD, TWO THREADS - INVERTED UNDERHEAD AND TRILOBULAR - AND TOOTHED POINT TYPE 17



**87058** S.S. A4 PAGE **82**

STAINLESS STEEL WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17



**15937** S.S. A2 **NEW** PRODUCT PAGE **86**

BREAKAWAY SECURITY SHEAR NUTS



**87057** S.S. A2 PAGE **87**

STAINLESS STEEL WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17



**05367** S.S. A2 PAGE **89**

STAINLESS STEEL WOOD TERRACE SCREWS TX SMALL FLAT HEAD 60° W/RIBS UNDER HEAD TYPE 17



**05057** S.S. A2 PAGE **90**

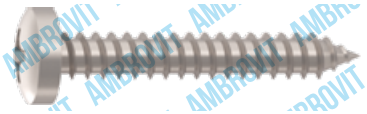
STAINLESS STEEL CHIPBOARD SCREWS PZ FLAT HEAD





**79817** S.S. A2 **PAGE 92**

STAINLESS STEEL SELF-TAPPING SCREWS PH PAN HEAD

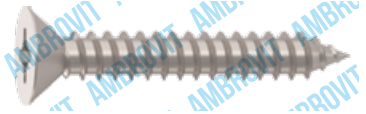


DIN 7981  
Uni 6954 • Iso 7049



**79827** S.S. A2 **PAGE 94**

STAINLESS STEEL SELF-TAPPING SCREWS PH FLAT HEAD

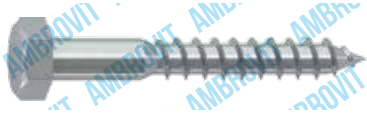


DIN 7982  
Uni 6955 • Iso 7050



**05710** CL. 4.8 **PAGE 98**

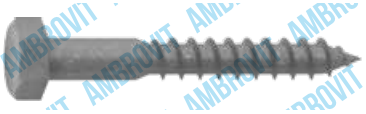
WOOD SCREWS HEXAGONAL HEAD



CE EN 14592 DIN 571  
Uni 704

**05710** CL. 4.8 **PAGE 101**

WOOD SCREWS HEXAGONAL HEAD

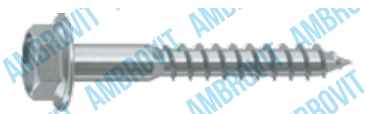


CE EN 14592 DIN 571  
Uni 704



**05720** CL. 4.8 **PAGE 103**

WOOD SCREWS HEXAGONAL HEAD WITH FLANGE



CE EN 14592



**06050** C1022 **PAGE 108**

COLLATED DRYWALL SCREWS PH BUGLE HEAD WITH NAIL POINT AND FINE THREAD



CE EN 14566

**06052** C1022 **PAGE 109**

DRYWALL SCREWS PH BUGLE HEAD WITH NAIL POINT AND FINE THREAD



CE EN 14566

**86052** C1022 **PAGE 110**

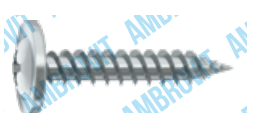
DRYWALL SCREWS PH BUGLE HEAD WITH DRILLING POINT



CE EN 14566

**71380** C1022 **PAGE 111**

DRYWALL SCREWS PH WAFER HEAD WITH TWIN THREAD



CE EN 14566

**67052** C10B21 **PAGE 115**

CARPENTRY WOOD SCREWS TX WAFER HEAD WITH SERRATION AND TYPE 17

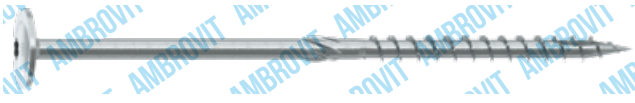


ETA 16/0381



**67052** C10B21 PAGE **124**

CARPENTRY WOOD SCREWS TX WAFER HEAD WITH SERRATION AND TYPE 17



**67052** C10B21 PAGE **144**

CARPENTRY WOOD SCREWS TX WAFER HEAD WITH SERRATION AND TYPE 17



**87052** C10B21 PAGE **117**

CARPENTRY WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17



**87052** C10B21 PAGE **126**

CARPENTRY WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17



**87052** C10B21 PAGE **146**

CARPENTRY WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17



**04364** C1022 PAGE **119**

CARPENTRY WOOD TERRACE SCREWS TX TRIM CONICAL HEAD, TWO THREADS - INVERTED UNDERHEAD AND TRILOBULAR - AND TOOTHED POINT TYPE 17



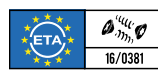
**05364** C1022 PAGE **121**

CARPENTRY WOOD TERRACE SCREWS TX SMALL FLAT HEAD 60° W/RIBS UNDER HEAD TYPE 17



**97052** C10B21 PAGE **129**

CARPENTRY WOOD SCREWS TX HEXAGON WASHER HEAD WITH SERRATION AND TYPE 17



**97052** C10B21 PAGE **150**

CARPENTRY WOOD SCREWS TX HEXAGON WASHER HEAD WITH SERRATION AND TYPE 17



**57062** C1022 PAGE **131**

CARPENTRY WOOD ANGLE-BRACKETS SCREWS TX PAN HEAD WITH REINFORCED NECK TYPE 17



**76352** C10B21 **NEW PRODUCT** PAGE **134**

CARPENTRY WOOD SCREWS TX CYLINDER HEAD, FULL THREAD AND TOOTHED POINT TYPE 17



**87352** C10B21 PAGE **136**

CARPENTRY WOOD SCREWS TX FLAT HEAD WITH RIBS UNDER HEAD, FULL THREAD AND TOOTHED POINT TYPE 17

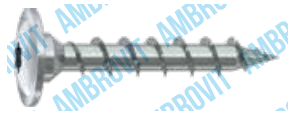


USABLE WITH **00077**



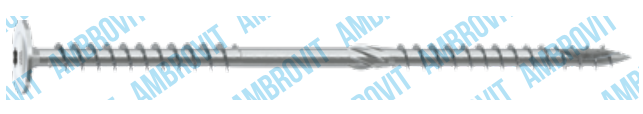
**67053** C10B21 PAGE **138**

CARPENTRY WOOD SCREWS TX WAFER HEAD WITH REINFORCED NECK AND FULL THREAD



**67552** C10B21 PAGE **139**

CARPENTRY WOOD INSULATION SCREWS TX WAFER HEAD WITH SERRATION AND DOUBLE THREAD TOOTHED POINT TYPE 17



**76552** C10B21 PAGE **141**

CARPENTRY WOOD INSULATION SCREWS TX CYLINDER HEAD WITH SERRATION AND DOUBLE THREAD TOOTHED POINT TYPE 17



**04354** C1022 PAGE **152**

CARPENTRY WOOD FLOOR BOARD SCREWS TX 60° SMALL HEAD W/RIBS, SERRATION AND DRILLING POINT



**04354** C1022 PAGE **155**

CARPENTRY WOOD FLOOR BOARD SCREWS TX 60° SMALL HEAD W/RIBS, SERRATION AND DRILLING POINT



**05452** C1022 PAGE **157**

CARPENTRY WOOD SPACER SCREWS TX FLAT HEAD W/RIBS AND 2 DIFFERENT THREADS TYPE 17



**09062** C1022 PAGE **162**

CHIPBOARD SCREWS TX PAN HEAD



**07052** C1022 PAGE **164**

CHIPBOARD SCREWS TX FLAT HEAD AND TWIN THREAD W/RIBS



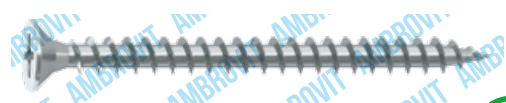
**05052** C1022 **PAGE 167**

CHIPBOARD SCREWS PZ FLAT HEAD



**95052** C1022 **NEW PRODUCT** **PAGE 171**

CHIPBOARD SCREWS PZ FLAT HEAD



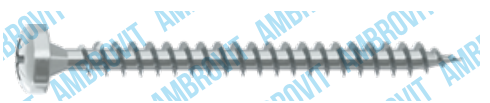
**05352** C1022 **PAGE 173**

CHIPBOARD SCREWS PZ FLAT HEAD FULL THREAD



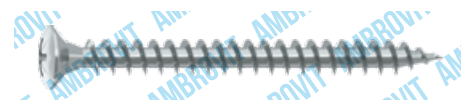
**05062** C1022 **PAGE 175**

CHIPBOARD SCREWS PZ PAN HEAD



**05072** C1022 **PAGE 178**

CHIPBOARD SCREWS PZ RAISED OVAL HEAD



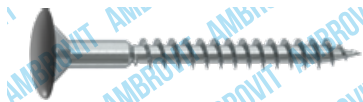
**05152** C1022 **PAGE 180**

CHIPBOARD SCREWS PZ FLAT HEAD, RIBS UNDER HEAD AND PARTIAL THREAD



**05053** C1022 **PAGE 182**

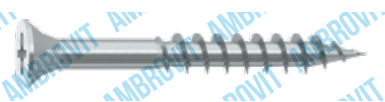
CHIPBOARD SCREWS PZ FLAT HEAD, HOLE FOR PLASTIC CAPS AND RIBS UNDER HEAD



USABLE WITH **00053** 

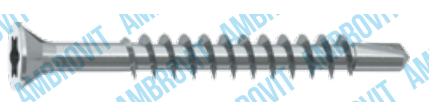
**05142** C1022 **PAGE 184**

CHIPBOARD SCREWS PZ SMALL FLAT HEAD PARTIAL THREAD



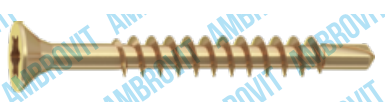
**04054** C1022 **PAGE 185**

CHIPBOARD SCREWS TX SMALL FLAT HEAD, RIBS UNDER HEAD AND DRILLING POINT



**04052** C1022 **PAGE 187**

CHIPBOARD SCREWS TX FLAT HEAD, RIBS UNDER HEAD AND DRILLING POINT



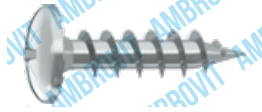
**08062** C1022 **PAGE 189**

CHIPBOARD SCREWS TX TRUSS HEAD AND NECK UNDER HEAD



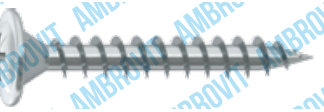
**05068** C1022 **PAGE 191**

CHIPBOARD SCREWS PZ AND SLOTTED COMBINATION TRUSS HEAD WITH SERRATION UNDER HEAD



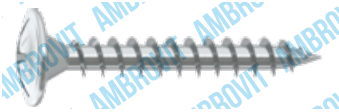
**08052** C1022 **PAGE 192**

CHIPBOARD SCREWS PZ WAFER HEAD



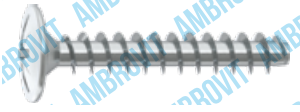
**78052** C1022 **PAGE 193**

CHIPBOARD SCREWS PZ AND SLOTTED COMBINATION WAFER HEAD



**78552** C1022 **PAGE 194**

CHIPBOARD SCREWS PZ AND SLOTTED COMBINATION WAFER HEAD WITHOUT POINT



**08800** CL. 4.8 **PAGE 198**

DOME SCREWS PZ AND SLOTTED COMBINATION WAFER HEAD BREAK-OFF



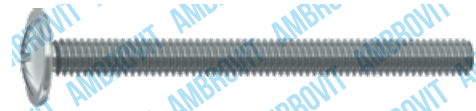
**09800** CL. 4.8 **PAGE 199**

DOME SCREWS WITH HEXAGON SOCKET TRUSS HEAD



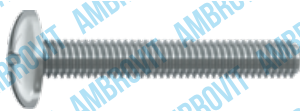
**07800** CL. 4.8 **PAGE 200**

DOME SCREWS PZ AND SLOTTED COMBINATION WAFER HEAD



**03800** CL. 4.8 **PAGE 202**

DOME SCREWS PZ AND SLOTTED COMBINATION TRUSS HEAD



**06800** CL. 4.8 **PAGE 204**

DOME SCREWS PZ COMBINATION TRUSS HEAD WITH SERRATION UNDER HEAD



BLIND RIVETS

STAINLESS STEEL SCREWS

HEX LAG SCREWS

DRYWALL SCREWS

CARPENTRY WOOD SCREWS

CHIPBOARD SCREWS

DOME & EURO SCREWS

MACHINE SCREWS

TRIANGULAR SCREWS NUTS BOLTS WASHERS THREADED RODS

SELF-TAPPING SCREWS

CONCRETE SCREWS

BLOCKFRAME SCREWS

SELF-DRILLING SCREWS

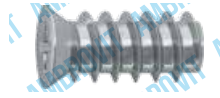
BITS

**05500**

C1022

PAGE  
**205**

EURO SCREWS PZ FLAT HEAD



**06500**

C1022

PAGE  
**206**

EURO SCREWS PZ SMALL FLAT HEAD



**Small Head**

**06030**

LOW RES.

PAGE  
**210**

MACHINE SCREWS MUSHROOM HEAD SQUARE NECK LOW RESISTANCE



DIN 603  
Uni 5732

**06031**

LOW RES.

PAGE  
**212**

MACHINE SCREWS MUSHROOM HEAD SQUARE NECK W/NUT LOW RESISTANCE



DIN 603/555  
Uni 5732

**06031**

LOW RES.

PAGE  
**215**

MACHINE SCREWS MUSHROOM HEAD SQUARE NECK W/NUT LOW RESISTANCE



DIN 603/555  
Uni 5732



**09639**

CL. 4.8

PAGE  
**217**

MACHINE SCREWS SLOTTED SMALL FLAT HEAD



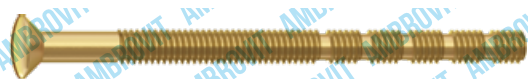
~ DIN 963  
~ Uni 6109 • ~ Iso 2009

**09641**

CL. 4.8

PAGE  
**218**

MACHINE SCREWS SLOTTED RAISED OVAL HEAD BREAK-OFF



~ DIN 964  
~ Uni 6110 • ~ Iso 2010

**91248**

CL. 4.8

PAGE  
**219**

MACHINE SCREWS HEXAGON SOCKET CYLINDER HEAD FULL THREAD



DIN 912  
Uni 5931 • Iso 4762

**00840**

CL. 4.8

PAGE  
**220**

MACHINE SCREWS SLOTTED CHEESE HEAD



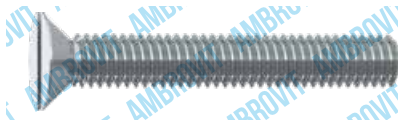
DIN 84  
Uni 6107 • ~ Iso 1207

**09630**

CL. 4.8

PAGE  
**223**

MACHINE SCREWS SLOTTED FLAT HEAD



~ DIN 963  
Uni 6109 • ~ Iso 2009

**09650** CL. 4.8 **PAGE 226**

MACHINE SCREWS PH FLAT HEAD



DIN 965  
Uni 7688 • ~ Iso 7046

**79850** CL. 4.8 **PAGE 230**

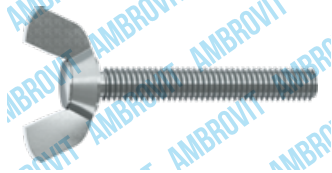
MACHINE SCREWS PH PAN HEAD



DIN 7985  
Uni 7687 • ~ Iso 7045

**31600** CL. 4.8 **PAGE 234**

MACHINE WING SCREWS



~ DIN 316  
~ Uni 5449

**93300** LOW RES. **PAGE 237**

MACHINE SCREWS HEXAGON HEAD FULL THREAD LOW RESISTANCE



~ DIN 933  
~ DIN 558

**93311** LOW RES. **PAGE 240**

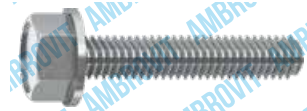
MACHINE SCREWS HEXAGON HEAD FULL THREAD W/NUT  
LOW RESISTANCE IN PLASTIC BAG



~ DIN 933  
~ DIN 558

**81110** C1022 **PAGE 244**

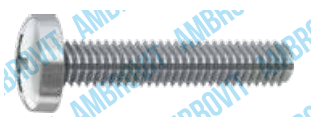
TRILOBULAR SCREWS HEXAGON FLAT WASHER HEAD



~ DIN 7500-D  
~ Uni 8111

**81120** C1022 **PAGE 246**

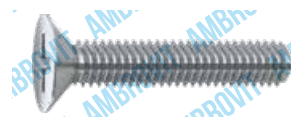
TRILOBULAR SCREWS PH PAN HEAD



DIN 7500-CE  
~ Uni 8112 • Iso 7045

**81130** C1022 **PAGE 248**

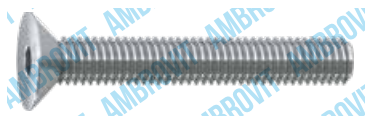
TRILOBULAR SCREWS PH FLAT HEAD



DIN 7500-M  
Uni 8113

**79919** CL. 10.9 **PAGE 250**

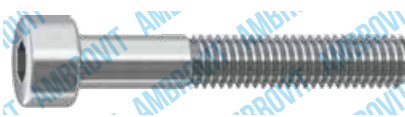
SCREWS HEXAGON COUNTERSUNK SOCKET FLAT HEAD FULL THREAD



DIN 7991  
Uni 5933 • Iso 10642

**91280** CL. 8.8 **PAGE 252**

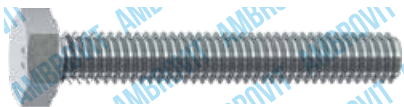
SCREWS HEXAGON SOCKET CYLINDER HEAD



DIN 912  
Uni 5931 • Iso 4762

**93380** CL. 8.8 **PAGE 255**

SCREWS HEXAGON HEAD WITH FULL THREAD



**DIN 933**  
Uni 5739 • ~ Iso 4017

**93180** CL. 8.8 **PAGE 259**

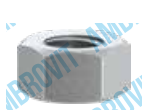
SCREWS HEXAGON HEAD WITH PARTIAL THREAD



**DIN 931**  
Uni 5737 • ~ Iso 4014

**93480** CL. 8 (6S) **PAGE 262**

HEXAGON NUTS COARSE THREAD



**DIN 934**  
Uni 5588

**93489** CL. 8 (6S) **NEW PRODUCT PAGE 264**

HEXAGON NUTS HIGH TYPE COARSE THREAD



Uni 5587

**98580** CL. 8 (6S) **PAGE 266**

INSERT NYLON NUTS LOW TYPE COARSE THREAD



**DIN 985**  
Uni 7474

**98280** CL. 8 (6S) **PAGE 268**

INSERT NYLON NUTS HIGH TYPE COARSE THREAD



**DIN 982**  
Uni 7473

**69238** CL. 8 (6S) **PAGE 270**

HEXAGON FLANGE NUTS WITH SERRATION COARSE THREAD



**DIN 6923**

**15870** LOW RES. **PAGE 272**

HEXAGON DOMED CAP NUTS



**DIN 1587**  
Uni 5721

**63348** LOW RES. **PAGE 274**

HEXAGON COUPLING NUTS



**DIN 6334**  
Uni 5535

**31500** LOW RES. **PAGE 276**

WING NUTS (AMERICAN TYPE)



~ **DIN 315**  
~ Uni 5448



**15930** NEW PRODUCT PAGE 277

BREAKAWAY SECURITY SHEAR NUTS



**15937** S.S. A2 NEW PRODUCT PAGE 277

BREAKAWAY SECURITY SHEAR NUTS



**12500** CL. HV 100 PAGE 278

FLAT WASHERS



DIN 125-A  
Uni 6592 • Iso 7089

**90210** CL. HV 100 PAGE 279

FLAT WASHERS - 3 TIMES THE DIAMETER



DIN 9021  
Uni 6593 • Iso 7093

**90410** CL. HV 100 PAGE 280

FLAT WASHERS - 4 TIMES THE DIAMETER



DIN 6798-J  
Uni 8842

**12700** CL. HV 430 PAGE 281

ELASTIC WASHERS (GROWER TYPE)



DIN 127-B  
Uni 1751

**67989** CL. HV 350 PAGE 282

INTERNAL TOOTH LOCK WASHERS



DIN 6798-J  
Uni 8842

**67988** CL. HV 350 PAGE 283

EXTERNAL TOOTH LOCK WASHERS



DIN 6798-A  
Uni 8842

**44077** CL. HV 100 PAGE 284

FLAT WASHERS FOR WOODEN CARPENTRY



DIN 440R  
~ Iso 7049

**97500** CL. 4.8 PAGE 285

THREADED RODS 1 METER LOW RESISTANCE



~ DIN 975

BLIND RIVETS

STAINLESS STEEL SCREWS

HEX LAG SCREWS

DRYWALL SCREWS

CARPENTRY WOOD SCREWS

CHIPBOARD SCREWS

DOME & EURO SCREWS

MACHINE SCREWS

TRILOBULAR SCREWS

NUTS BOLTS WASHERS THREADED RODS

SELF-TAPPING SCREWS

CONCRETE SCREWS

BLOCKFRAME SCREWS

SELF-DRILLING SCREWS

BITS

**97688** CL. 8.8 **NEW** PRODUCT **286** PAGE

THREADED RODS 1 METER



DIN 976

**69280** C1022 **290** PAGE

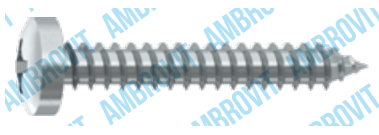
SELF-TAPPING SCREWS HEXAGON FLAT WASHER HEAD



DIN 6928  
Uni 6950

**79810** C1022 **292** PAGE

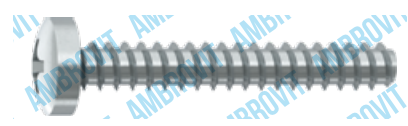
SELF-TAPPING SCREWS PH PAN HEAD



DIN 7981  
Uni 6954 • Iso 7049

**07981** C1022 **296** PAGE

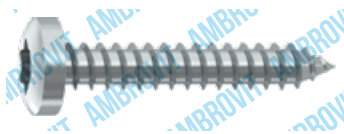
SELF-TAPPING SCREWS PH PAN HEAD WITHOUT POINT (F-TYPE)



DIN 7981-F  
Uni 6954-B • ~ Iso 7049

**79816** C1022 **NEW** PRODUCT **298** PAGE

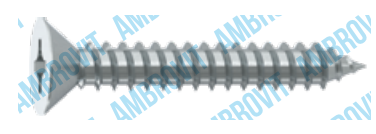
SELF-TAPPING SCREWS TX PAN HEAD



DIN 7981  
Uni 6954

**79820** C1022 **300** PAGE

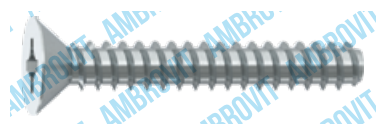
SELF-TAPPING SCREWS PH FLAT HEAD



DIN 7982  
Uni 6955 • Iso 7050

**07982** C1022 **304** PAGE

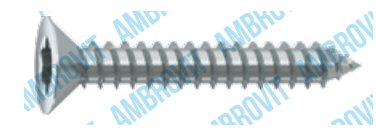
SELF-TAPPING SCREWS PH FLAT HEAD WITHOUT POINT (F-TYPE)



DIN 7982-F  
Uni 6955-B • ~ Iso 7050

**79826** C1022 **NEW** PRODUCT **306** PAGE

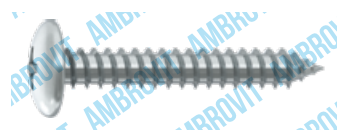
SELF-TAPPING SCREWS TX FLAT HEAD



DIN 7982  
Uni 6955

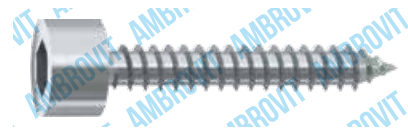
**79380** C1022 **308** PAGE

SELF-TAPPING SCREWS PH TRUSS HEAD



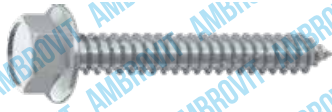
**79870** C1022 **310** PAGE

SELF-TAPPING SCREWS HEXAGON SOCKET CYLINDER HEAD



**79770** C1022 **PAGE 312**

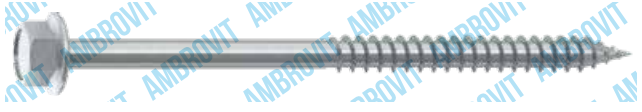
SELF-TAPPING SCREWS HEXAGON HEAD WITH FLANGE AND CUTTING THREAD



USABLE WITH **00777** 

**59770** C1022 **PAGE 314**

SELF-TAPPING SCREWS HEXAGON HEAD WITH FLANGE AND WOOD THREAD



 **EN 14592**

USABLE WITH **00777** 

**07075** C10B21 **NEW PRODUCT PAGE 318**

CONCRETE SCREWS HEXAGON WASHER HEAD WITH SPECIAL TRILOW THREAD



**TG 41** SUPER TOP ENDURO **1,000 hr**

**07070** C10B21 **NEW PRODUCT PAGE 319**

CONCRETE SCREWS HEXAGON WASHER HEAD WITH SPECIAL TRILOW THREAD



 **Option 1**



**TG 41** SUPER TOP ENDURO **1,000 hr**

**07090** C10B21 **NEW PRODUCT PAGE 321**

CONCRETE SCREWS FLAT COUNTERSUNK HEAD WITH SPECIAL TRILOW THREAD



 **Option 1**



**TG 41** SUPER TOP ENDURO **1,000 hr**

**07080** C10B21 **NEW PRODUCT PAGE 322**

CONCRETE SCREWS PAN HEAD WITH SPECIAL TRILOW THREAD



 **Option 1**



**TG 41** SUPER TOP ENDURO **1,000 hr**

**07082** C10B21 **NEW PRODUCT PAGE 323**

CONCRETE SCREWS TRUSS HEAD WITH REINFORCED NECK AND SPECIAL TRILOW THREAD



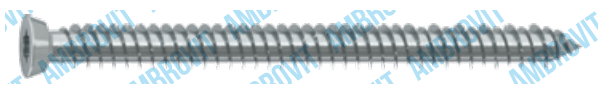
 **Option 1**



**TG 41** SUPER TOP ENDURO **1,000 hr**

**07072** C1022 **PAGE 324**

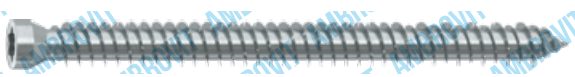
CONCRETE SCREWS TX FLAT HEAD DIAMETER 7,5 MM



USABLE WITH **07000** 

**07062** C1022 **PAGE 326**

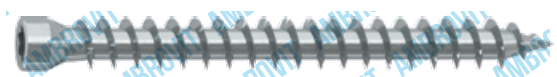
CONCRETE SCREWS TX CYLINDER HEAD DIAMETER 7,5 MM



USABLE WITH **07000** 

**07065** C1022 **PAGE 328**

CONCRETE SCREWS TX SMALL CYLINDER HEAD DIAMETER 5 MM



**01010**

C1022

PAGE  
**332**

BLOCKFRAME SCREWS PH RADIUSED  
COUNTERSUNK HEAD AND FULL THREAD

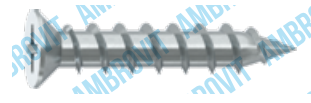


**01020**

C1022

PAGE  
**334**

BLOCKFRAME REPAIR SCREWS PH FLAT COUNTERSUNK HEAD

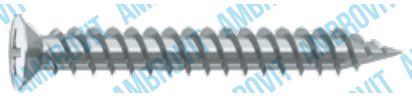


**01030**

C1022

PAGE  
**336**

BLOCKFRAME REPAIR SCREWS PH RADIUSED  
COUNTERSUNK HEAD AND TWIN THREAD



**11011**

C1022

PAGE  
**338**

BLOCKFRAME SELF-DRILLING SCREWS  
PH RADIUSED COUNTERSUNK HEAD W/RIBS UNDER HEAD

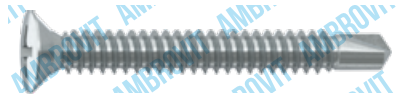


**11010**

C1022

PAGE  
**340**

BLOCKFRAME SELF-DRILLING SCREWS  
PH RADIUSED COUNTERSUNK HEAD

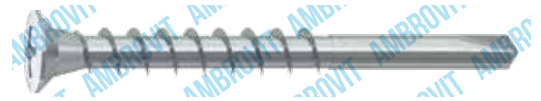


**81010**

C1022

PAGE  
**342**

BLOCKFRAME SELF-DRILLING SCREWS PH RADIUSED  
COUNTERSUNK HEAD W/SPECIAL POINT



**81020**

C1022

PAGE  
**344**

BLOCKFRAME SELF-DRILLING SCREWS PH RADIUSED COUNTERSUNK  
HEAD, MULTI RIBS UNDER HEAD WITH 2 DIFFERENT THREADS

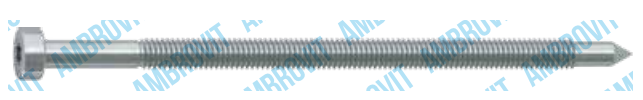


**01084**

C1022

PAGE  
**346**

BLOCKFRAME SCREWS TX CYLINDER HEAD



**81985**

C1022

PAGE  
**348**

BLOCKFRAME SELF-DRILLING SCREWS TX PAN HEAD



**89770**

C1022

PAGE  
**352**

SELF-DRILLING SCREWS HEXAGON HEAD  
WITH FLANGE AND CUTTING THREAD



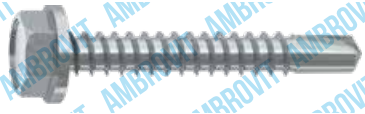
~ DIN 7504-K  
~ Uni 8117 • ~ Iso 15480

USABLE WITH  
**00777**



**81170** C1022 **PAGE 354**

SELF-DRILLING SCREWS HEXAGON FLAT WASHER HEAD



DIN 7504-K  
Uni 8117 • Iso 15480

USABLE WITH **00777**

**81072** C1022 **NEW PRODUCT** **PAGE 356**

STEEL EPDM BONDED WASHERS



**81172** C1022 **PAGE 358**

SELF-DRILLING SCREWS HEXAGON FLAT WASHER HEAD WITH ASSEMBLED EPDM WASHER



DIN 7504-K  
Uni 8117 • Iso 15480

**81174** C1022 **PAGE 360**

SELF-DRILLING SCREWS HEXAGON FLAT WASHER HEAD WITH FINE THREAD AND EXTRA LONG POINT NO. 5



DIN 7504-K

**81175** C1022 **PAGE 361**

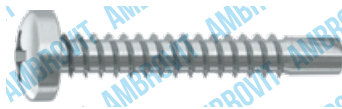
SELF-DRILLING SCREWS HEXAGON FLAT WASHER HEAD FINE THREAD AND EXTRA LONG POINT NO. 5 WITH ASSEMBLED EPDM WASHER



DIN 7504-K

**81180** C1022 **PAGE 362**

SELF-DRILLING SCREWS PH PAN HEAD



DIN 7504-N (m)  
Uni 8118 • Iso 15481

**81190** C1022 **PAGE 364**

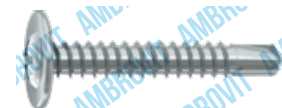
SELF-DRILLING SCREWS PH FLAT HEAD



DIN 7504-P (o)  
Uni 8119 • Iso 15482

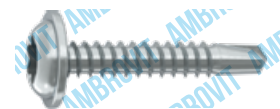
**81380** C1022 **PAGE 366**

SELF-DRILLING SCREWS PH TRUSS WASHER HEAD



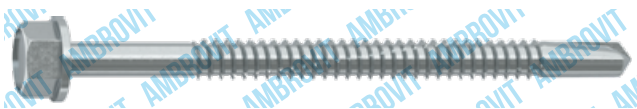
**91380** C1022 **PAGE 368**

SELF-DRILLING SCREWS TX TRUSS WASHER HEAD



**81171** C1022 **PAGE 369**

SELF-DRILLING SCREWS HEXAGON FLAT WASHER HEAD CUTTING THREAD WITH EXTRA LONG POINT NO. 5



DIN 7504-K

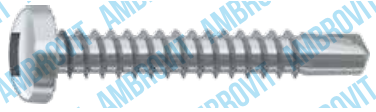
USABLE WITH **00777**

**81480**

C1022

PAGE  
**371**

SELF-DRILLING SCREWS SQUARE DRIVE PAN HEAD  
WITH SERRATION UNDER HEAD



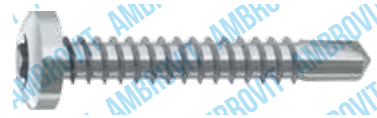
DIN 7504-N (m)  
Uni 8118 • Iso 15481

**81186**

C1022

PAGE  
**373**

SELF-DRILLING SCREWS TX PAN HEAD



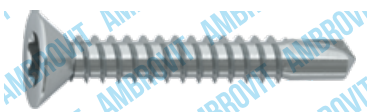
DIN 7504-N (m) T

**81196**

C1022

PAGE  
**375**

SELF-DRILLING SCREWS TX FLAT HEAD



DIN 7504-P (o) T

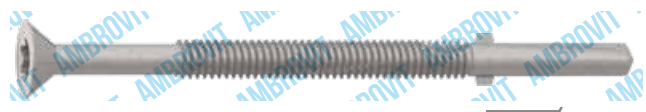
**80191**

C1022

**NEW**  
PRODUCT

PAGE  
**377**

SELF-DRILLING SCREWS TX FLAT HEAD W/RIBS UNDER HEAD  
FINE CUTTING THREAD, EXTRA LONG POINT NO. 5, WITH SPECIAL WINGS



TG 41 SUPER TOP  
ENDURO  
RoHS 1,000 hr

DIN 7504-P (o) T

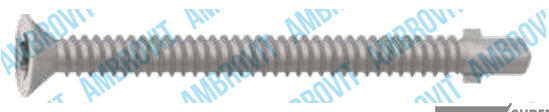
**80196**

C1022

**NEW**  
PRODUCT

PAGE  
**379**

SELF-DRILLING SCREWS TX FLAT HEAD W/RIBS UNDER HEAD  
CUTTING THREAD AND SPECIAL WINGS



TG 41 SUPER TOP  
ENDURO  
RoHS 1,000 hr

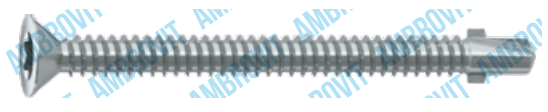
DIN 7504-P (o) T

**80196**

C1022

PAGE  
**381**

SELF-DRILLING SCREWS TX FLAT HEAD W/RIBS UNDER HEAD  
CUTTING THREAD AND SPECIAL WINGS



DIN 7504-P (o) T

**00070**

PAGE  
**386**

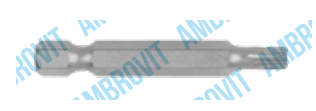
BITS (25MM)



**00075**

PAGE  
**386**

LONG BITS (50 MM)



# OUR NUMBERS

## I nostri numeri

▶ **44,000 PALLETS**  
44.000 pallets

▶ **3,000 TRAYS**  
3.000 vassoio

▶ **54 INTERNATIONAL MARKETS**  
54 mercati esteri

▶ **1,500 CLIENTS**  
1.500 clienti

▶ **5,000 PICKING LINES PER DAY**  
5.000 righe prelevate al giorno

SPECIAL BOX

BLIND RIVETS

STAINLESS STEEL  
SCREWS

HEX LAG  
SCREWS

DRYWALL  
SCREWS

CARPENTRY WOOD  
SCREWS

CHIPBOARD  
SCREWS

DOME & EURO  
SCREWS

MACHINE  
SCREWS

TRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODS

SELF-TAPPING  
SCREWS

CONCRETE  
SCREWS

BLOCKFRAME  
SCREWS






SELF-DRILLING  
SCREWS

BITS



# SPECIAL BOX

**Less pieces than standard packaging**  
Quantità ridotta rispetto allo standard

-  **Confezioni speciali**
-  **Spezialverpackungen**
-  **Boîtes Spéciaux**
-  **Envases Especiales**
-  **Специальны Коробки**



## **AMBROVIT® MAIN DATA**

**44,000**  
PALLETS

**3,000**  
TRAYS

**1,500**  
CLIENTS

**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS



<p><b>87052-94</b> SUPER TSP TX DR <span style="float: right;">PAGE 48</span></p> 	<p><b>93480-94</b> DE <span style="float: right;">PAGE 50</span></p> 
<p><b>98580-94</b> DE AB <span style="float: right;">PAGE 52</span></p> 	<p><b>98280-94</b> DE AA <span style="float: right;">PAGE 54</span></p> 
<p><b>69238-94</b> DE FL <span style="float: right;">PAGE 56</span></p> 	<p><b>15870-94</b> DE C <span style="float: right;">PAGE 58</span></p> 
<p><b>63348-94</b> DE GZ <span style="float: right;">PAGE 60</span></p> 	<p><b>79810-94</b> TC PH <span style="float: right;">PAGE 62</span></p> 
<p><b>79820-94</b> TSP PH <span style="float: right;">PAGE 64</span></p> 	<p><b>81072-94</b> EPDM <span style="float: right;">NEW PRODUCT PAGE 66</span></p> 

# 87052-94

## SUPER TSP TX DR



**SPECIAL BOX**  
Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

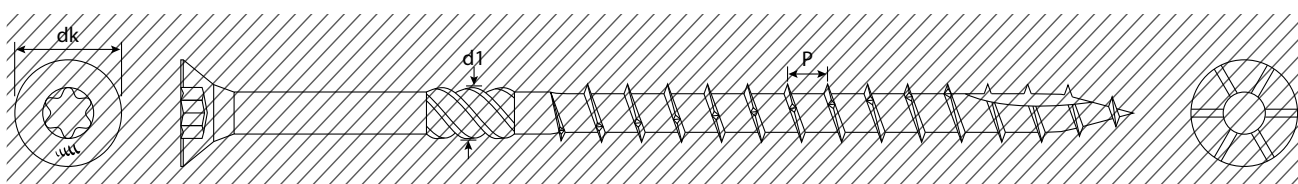


ALWAYS UP-TO-DATE WITH REGULATIONS



### CARPENTRY WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17

- Viti per carpenteria in legno TSP TX super svasante autoperforante
- Holzbauschrauben Flachsenkopff TX-Antrieb Fräsrippen Schafffräser Cut-Spitze
- Vis pour charpente tête fraisée crantée TX et type 17
- Tornillos para carpintería cabeza plana estriada TX punta type 17
- Шурупы для деревянных конструкций плоская потайная головка с насечками для раззенковки и ребрами, шлиц TX, тип 17



**PLAY**  
THE VIDEO




Diameters Diametri	Limits Limiti	dk	d1	P	TX
8,0	Min. 14,30 Max 15,00	6,80	7,20	- 5,50	T40

### C10B21

- **Carbon steel: C10B21**  
Acciaio temperato: C10B21
- **Case hardness: HV 420-500**  
Durezza superficiale: HV 420-500
- **Core hardness: HV 300-390**  
Durezza a cuore: HV 300-390
- **Threaded section: as per listing**  
(Ex 8,0x80/50 = thread 50)  
Parte filettata: come da listino  
(Es. 8,0x80/50 = filetto 50)

# 87052-94

## SUPER TSP TX DR

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 52 YELLOW ZINC Cr3 ZINC. GIALLE Cr3 € / 1.000			
8,0 x 80/50	T40	250,00	500 (10)	50	
100/50	T40	292,00	400 (8)	50	
120/80	T40	353,00	250 (5)	50	
140/80	T40	436,00	250 (5)	50	
160/80	T40	520,00	250 (5)	50	
180/80	T40	652,00	250 (5)	50	
200/80	T40	774,00	150 (3)	50	

**i** Complete range and standard packaging on page 146  
Gamma completa e confezionamento standard a pag. 146



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS





BITS

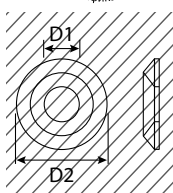
# 00077

RAN TX



## CONICAL WASHERS FOR WOODEN CARPENTRY

 Ranelle coniche per viti per travi lamellari  Unterlegscheiben für Holzbauschrauben  Rondelles coniques pour vis charpente  
 Arandelas para tornillos para carpintería de madera  Конические шайбы к винтам по дереву



Diameters Diametri	D1	D2
M 8	8,50	25,00

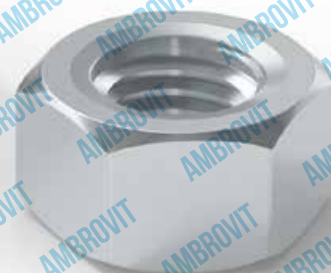
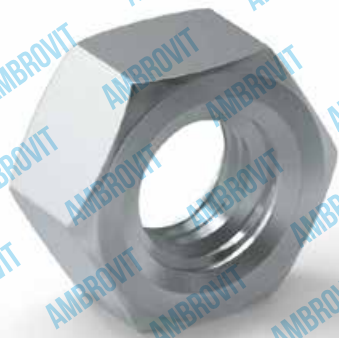
SIZES	PACKAG.
Ø TG 52 YELLOW ZINC Cr3 ZINC. GIALLE Cr3 € / 1.000	
8 mm	661,40 100

## C10008AK

- Carbon steel: C10008AK  
Acciaio temperato: C10008AK
- Class 5.8 steel  
Acciaio Classe 5.8

# 93480-94

DE








DIN 934 • Uni 5588

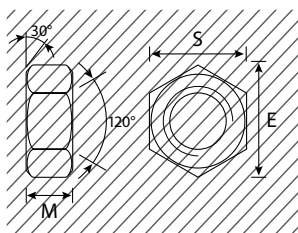
**SPECIAL BOX**Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

ALWAYS UP-TO-DATE WITH REGULATIONS



## HEXAGON NUTS COARSE THREAD

-  Dadi esagonali passo grosso
-  Sechskantmuttern Grobgewinde
-  Écrous hexagonaux pas gros
-  Tuercas hexagonales de rosca gruesa
-  Гайки шестигранные с крупной резьбой



Diameters Diametri	Limits Limiti	E	M	S	P
M 3	Min.	6,01	2,15	-	~ 0,50
	Max	-	2,40	5,50	-
M 4	Min.	7,66	2,90	-	~ 0,70
	Max	-	3,20	7,00	-
M 5	Min.	8,79	3,70	-	~ 0,80
	Max	-	4,00	8,00	-
M 6	Min.	11,05	4,70	-	~ 1,00
	Max	-	5,00	10,00	-
M 8	Min.	14,38	6,14	-	~ 1,25
	Max	-	6,50	13,00	-
M 10	Min.	18,90	7,64	-	~ 1,50
	Max	-	8,00	17,00	-
M 12	Min.	21,10	9,64	-	~ 1,75
	Max	-	10,00	19,00	-
M 14	Min.	24,49	10,30	-	~ 2,00
	Max	-	11,00	22,00	-

Diameters Diametri	Limits Limiti	E	M	S	P
M 16	Min.	26,75	12,30	-	~ 2,00
	Max	-	13,00	24,00	-
M 18	Min.	29,56	14,30	-	~ 2,50
	Max	-	15,00	27,00	-
M 20	Min.	32,95	14,90	-	~ 2,50
	Max	-	16,00	30,00	-
M 22	Min.	35,03	16,90	-	~ 2,50
	Max	-	18,00	32,00	-
M 24	Min.	39,55	17,70	-	~ 3,00
	Max	-	19,00	36,00	-
M 27	Min.	45,20	20,70	-	~ 3,00
	Max	-	22,00	41,00	-
M 30	Min.	50,82	22,70	-	~ 3,50
	Max	-	24,00	46,00	-




## CL. 8 (6S)

- **Medium tensile steel**  
Acciaio a media resistenza
- **Class 8 (6S) steel**  
Acciaio Classe 8 (6S)
- **Unit load test: 800 N/mm<sup>2</sup>**  
Carico unitario di prova: 800 N/mm<sup>2</sup>
- **Hardness load minimum: 89 HRB Min**  
Carico di durezza: 89 HRB Min

# 93480-94

DE



FINISHING		PACKAGING	
SIZES MISURE			
	TG 51	BLUE ZNC Cr3	ZINCATE Cr3
	€ / 1.000		
M 3	4,45	12.000 (24)	500
M 4	7,30	12.000 (24)	500
M 5	7,30	4.800 (24)	200
M 6	12,45	2.400 (24)	100
M 8	27,50	2.400 (24)	100
M 10	58,70	1.200 (12)	100
M 12	87,00	600 (12)	50
M 14	125,00	600 (12)	50
M 16	167,00	400 (8)	50
M 18	264,00	300 (12)	25
M 20	324,50	200 (8)	25
M 22	421,50	200 (8)	25
M 24	610,00	150 (6)	25
M 27	990,00	80 (8)	10
M 30	1.339,00	60 (6)	10

**i** Standard packaging on page 262  
Confezionamento standard a pag. 262

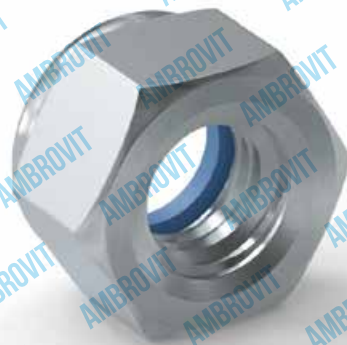
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 98580-94

DE AB



## SPECIAL BOX

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

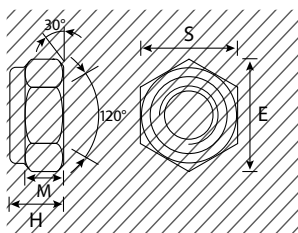
DIN 985 • Uni 7474

ALWAYS UP-TO-DATE WITH REGULATIONS



## INSERT NYLON NUTS LOW TYPE COARSE THREAD

- Dadi autobloccanti/nylon bassi passo grosso
- Stopmuttern kleine Form Grobgewinde
- Écrous autofreines forme basse pas gros
- Tuercas autobloccantes forma baja de rosca gruesa
- Гайки стопорные с нейлоновым кольцом низкие с крупной резьбой



Diameters Diametri	Limits Limiti	H	M	S	E	P
M 4	Min.	4,70	2,90	-	7,66	~ 0,70
	Max	5,00	-	7,00	-	
M 5	Min.	4,70	3,20	-	8,79	~ 0,80
	Max	5,00	-	8,00	-	
M 6	Min.	5,70	4,00	-	11,05	~ 1,00
	Max	6,00	-	10,00	-	
M 8	Min.	7,64	5,50	-	14,38	~ 1,25
	Max	8,00	-	13,00	-	
M 10	Min.	9,64	6,50	-	18,90	~ 1,50
	Max	10,00	-	17,00	-	
M 12	Min.	11,57	8,00	-	21,10	~ 1,75
	Max	12,00	-	19,00	-	
M 14	Min.	13,30	9,50	-	24,49	~ 2,00
	Max	14,00	-	22,00	-	

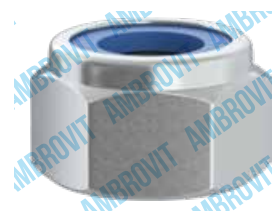
Diameters Diametri	Limits Limiti	H	M	S	E	P
M 16	Min.	15,30	10,50	-	26,75	~ 2,00
	Max	16,00	-	24,00	-	
M 18	Min.	17,68	13,00	-	29,56	~ 2,50
	Max	18,50	-	27,00	-	
M 20	Min.	18,70	14,00	-	32,95	~ 2,50
	Max	20,00	-	30,00	-	
M 22	Min.	20,70	15,00	-	35,03	~ 2,50
	Max	22,00	-	32,00	-	
M 24	Min.	22,70	15,00	-	39,55	~ 3,00
	Max	24,00	-	36,00	-	
M 27	Min.	25,70	17,00	-	45,02	~ 3,00
	Max	27,00	-	41,00	-	
M 30	Min.	28,70	19,00	-	50,85	~ 3,50
	Max	30,00	-	46,00	-	




## CL. 8 (6S)

- **Medium tensile steel**  
Acciaio a media resistenza
- **Class 8 (6S) steel**  
Acciaio Classe 8 (6S)
- **Hardness load minimum: 89 HRB Min**  
Carico di durezza: 89 HRB Min
- **Insert material: polyamide**  
Materiale inserto: polyamide

# 98580-94

## DE AB



FINISHING		PACKAGING	
SIZES MISURE			
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000		
M 4	14,00	12.000 (24)	500
M 5	14,50	4.800 (24)	200
M 6	17,50	2.400 (24)	100
M 8	36,00	2.400 (24)	100
M 10	79,00	1.200 (12)	100
M 12	117,50	600 (12)	50
M 14	201,50	600 (12)	50
M 16	264,50	400 (8)	50
M 18	409,50	300 (12)	25
M 20	527,00	200 (8)	25
M 22	667,00	200 (8)	25
M 24	994,50	80 (8)	10
M 27	1.992,00	80 (8)	10
M 30	2.562,00	60 (6)	10

**i** Standard packaging on page 266  
Confezionamento standard a pag. 266

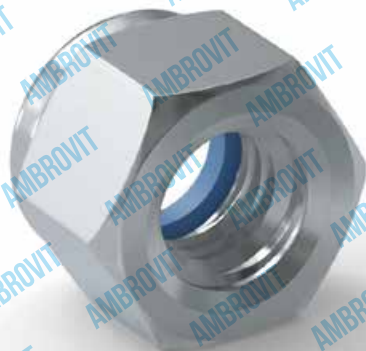
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 98280-94

DE AA

**SPECIAL BOX**  
Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

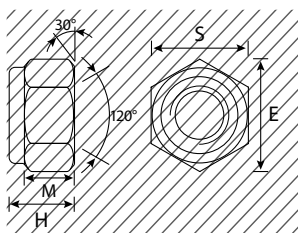
DIN 982 • Uni 7473

ALWAYS UP-TO-DATE WITH REGULATIONS



## INSERT NYLON NUTS HIGH TYPE COARSE THREAD

- Dadi autobloccanti/nylon alti passo grosso
- Stopmuttern hohe Form Grobgewinde
- Écrous autofreines forme haute pas gros
- Tuercas autobloccantes forma alta de rosca gruesa
- Гайки самоконтрающиеся высокие с нейлоновым кольцом с крупной резьбой



Diameters Diametri	Limits Limiti	H	M	S	E	P
M 5	Min.	6,00	4,40	-	8,79	~ 0,80
	Max	6,30	-	8,00	-	
M 6	Min.	7,00	4,90	-	11,05	~ 1,00
	Max	8,00	-	10,00	-	
M 8	Min.	9,14	6,44	-	14,38	~ 1,25
	Max	9,50	-	13,00	-	
M 10	Min.	11,14	8,04	-	18,90	~ 1,50
	Max	11,50	-	17,00	-	
M 12	Min.	13,64	10,37	-	21,10	~ 1,75
	Max	14,00	-	19,00	-	
M 14	Min.	15,30	12,10	-	24,49	~ 2,00
	Max	16,00	-	22,00	-	
M 16	Min.	17,30	14,10	-	26,75	~ 2,00
	Max	18,00	-	24,00	-	

Diameters Diametri	Limits Limiti	H	M	S	E	P
M 18	Min.	19,16	15,10	-	29,56	~ 2,50
	Max	20,00	-	27,00	-	
M 20	Min.	20,70	16,90	-	32,95	~ 2,50
	Max	22,00	-	30,00	-	
M 22	Min.	23,70	18,10	-	35,03	~ 2,50
	Max	25,00	-	32,00	-	
M 24	Min.	26,70	20,20	-	39,55	~ 3,00
	Max	28,00	-	36,00	-	
* M 27 DIN 6924	Min.	29,40	22,50	-	45,20	~ 3,00
	Max	31,00	-	41,00	-	
* M 30 DIN 6924	Min.	31,00	24,30	-	50,85	~ 3,50
	Max	32,60	-	46,00	-	

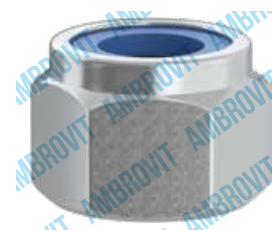
## CL. 8 (6S)




- **Medium tensile steel**  
Acciaio a media resistenza
- **Class 8 (6S) steel**  
Acciaio Classe 8 (6S)
- **Hardness load minimum: 89 HRB Min**  
Carico di durezza: 89 HRB Min
- **Insert material: polyamide**  
Materiale inserto: polyamide



# 98280-94

## DE AA



FINISHING		PACKAGING	
SIZES MISURE			
	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000		
M 5	17,00	4.800 (24)	200
M 6	25,00	2.400 (24)	100
M 8	45,50	2.400 (24)	100
M 10	98,00	1.200 (12)	100
M 12	152,50	600 (12)	50
M 14	221,50	600 (12)	50
M 16	303,50	400 (8)	50
M 18	440,50	300 (12)	25
M 20	571,50	200 (8)	25
M 22	952,00	200 (8)	25
M 24	1.305,00	80 (8)	10
* M 27	2.231,00	80 (8)	10
* M 30	2.790,50	60 (6)	10

\* According to DIN 6924.  
In accordo a DIN 6924.

 Standard packaging on page 268  
Confezionamento standard a pag. 268

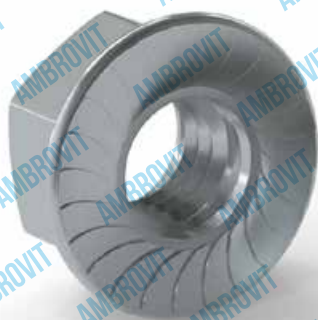
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 69238-94

DE FL

**SPECIAL BOX**  
Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

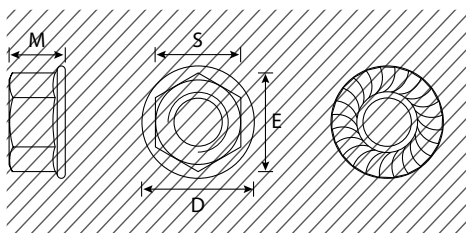
DIN 6923

ALWAYS UP-TO-DATE WITH REGULATIONS



## HEXAGON FLANGE NUTS WITH SERRATION COARSE THREAD

-  Dadi esagonali flangiati dentellati passo grosso
-  Sechskantmuttern mit Flansch und Sperrverzahnung Grobgewinde
-  Écrous hexagonaux à embase crantée pas gros
-  Tuercas hexagonales con collar biselado de rosca gruesa
-  Шестигранные гайки с зубчатым фланцем с крупной резьбой



Diameters Diametri	Limits Limiti	M	D	S	E	P
M 4	Min.	4,20	9,60	6,78	7,66	~ 0,70
	Max	4,65	10,00	7,00	-	
M 5	Min.	4,70	9,80	7,78	8,79	~ 0,80
	Max	5,00	11,80	8,00	-	
M 6	Min.	5,70	12,20	9,78	11,03	~ 1,00
	Max	6,00	14,20	10,00	-	
M 8	Min.	7,60	15,80	12,73	14,38	~ 1,25
	Max	8,00	17,90	13,00	-	
M 10	Min.	9,60	19,60	14,73	16,64	~ 1,50
	Max	10,00	21,80	15,00	-	
M 12	Min.	11,60	23,80	17,73	20,03	~ 1,75
	Max	12,00	26,00	18,00	-	
M 16	Min.	15,30	31,90	23,67	26,75	~ 2,00
	Max	16,00	34,50	24,00	-	

## CL. 8 (6S)

- **Medium tensile steel**  
Acciaio a media resistenza
- **Class 8 (6S) steel**  
Acciaio Classe 8 (6S)
- **Hardness load minimum: 89 HRB Min**  
Carico di durezza: 89 HRB Min

# 69238-94




DE FL



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

FINISHING		PACKAGING	
SIZES MISURE			
	TG 51 BLUE ZINC Cr-3 ZINCATE Cr-3 € / 1.000		
M 4	14,50	12.000 (24)	500
M 5	17,50	4.800 (24)	200
M 6	22,50	2.400 (24)	100
M 8	48,00	2.400 (24)	100
M 10	91,00	1.200 (12)	100
M 12	138,00	600 (12)	50
M 16	336,50	300 (6)	50

**i** Standard packaging on page 270  
Confezionamento standard a pag. 270

# 15870-94

DEC



**SPECIAL BOX**  
Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

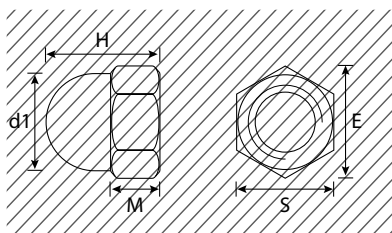
DIN 1587 • Uni 5721

ALWAYS UP-TO-DATE WITH REGULATIONS



## HEXAGON DOMED CAP NUTS

- Dadi ciechi
- Sechskant-Hutmuttern
- Écrous borgnes
- Tuercas ciegas
- Гайки колпачковые шестигранные



Diameters Diametri	Limits Limiti	S	M	H	d1	E
M 5	Min.	8,00	3,70	10,00	-	8,79
	Max	-	4,00	-	7,50	-
M 6	Min.	10,00	4,70	12,00	-	11,05
	Max	-	5,00	-	9,50	-
M 8	Min.	13,00	6,14	15,00	-	14,38
	Max	-	6,50	-	12,50	-
M 10	Min.	17,00	7,64	18,00	-	17,77
	Max	-	8,00	-	16,00	-
M 12	Min.	19,00	9,64	22,00	-	20,03
	Max	-	10,00	-	18,00	-

Diameters Diametri	Limits Limiti	S	M	H	d1	E
M 14	Min.	22,00	10,30	25,00	-	23,35
	Max	-	11,00	-	21,00	-
M 16	Min.	24,00	12,30	28,00	-	26,75
	Max	-	13,00	-	23,00	-
M 18	Min.	27,00	14,30	32,00	-	30,14
	Max	-	15,00	-	26,00	-
M 20	Min.	30,00	14,90	34,00	-	33,53
	Max	-	16,00	-	29,00	-




## LOW RES.

- Low tensile steel  
Acciaio a bassa resistenza
- Hardness load minimum: 79 HRB Min  
Carico di durezza: 79 HRB Min

# 15870-94

## DE C



FINISHING		PACKAGING	
SIZES MISURE			
	T6 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000		
M 5	39,00	4.800 (24)	200
M 6	47,00	2.400 (24)	100
M 8	92,50	1.200 (12)	100
M 10	178,50	800 (8)	100
M 12	263,00	600 (12)	50
M 14	440,50	400 (8)	50
M 16	528,00	300 (6)	50
M 18	960,00	150 (6)	25
M 20	1.464,00	150 (6)	25

**i** Standard packaging on page 272  
Confezionamento standard a pag. 272

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 63348-94

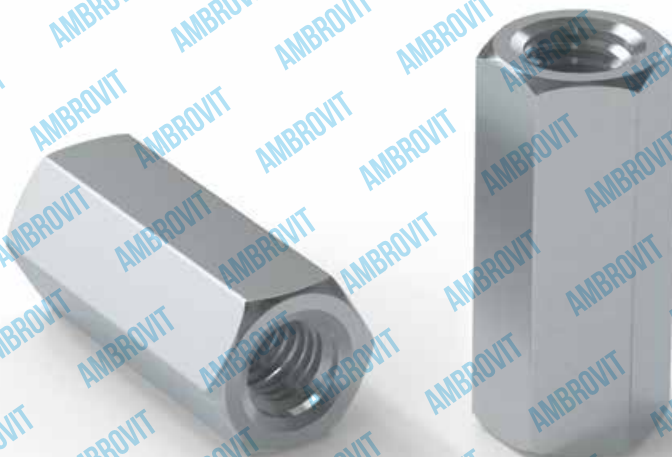
DE GZ



## SPECIAL BOX

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard






DIN 6334 • Uni 5535

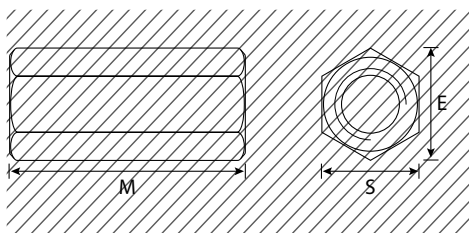


ALWAYS UP-TO-DATE WITH REGULATIONS



## HEXAGON COUPLING NUTS

-  Dadi esagonali di giunzione
-  Verlängerungs-Sechskantmuttern
-  Manchons hexagonaux de jonction
-  Tuercas hexagonales de prolongación
-  Гайки соединительные шестигранные



Diameters Diametri	E Min.	M Min.	M Max	S
M 5 x 8 x 20	8,79	18,75	21,25	8,00
M 6 x 10 x 20	11,05	18,75	21,25	10,00
M 6 x 10 x 30	11,05	28,75	31,25	10,00
M 6 x 10 x 40	11,05	38,75	41,25	10,00
M 8 x 13 x 20	14,38	18,75	21,25	13,00
M 8 x 13 x 30	14,38	28,75	31,25	13,00
M 8 x 13 x 40	14,38	38,75	41,25	13,00
M 10 x 17 x 20	18,90	18,75	21,25	17,00
M 10 x 17 x 30	18,90	28,75	31,25	17,00
M 10 x 17 x 40	18,90	38,75	41,25	17,00

Diameters Diametri	E Min.	M Min.	M Max	S
M 12 x 19 x 30	21,10	28,75	31,25	19,00
M 12 x 19 x 40	21,10	38,75	41,25	19,00
M 14 x 21 x 30	23,35	28,75	31,25	21,00
M 14 x 21 x 40	23,35	38,75	41,25	21,00
M 16 x 24 x 30	26,75	28,75	31,25	24,00
M 16 x 24 x 40	26,75	38,75	41,25	24,00
M 16 x 24 x 50	26,75	48,75	51,25	24,00
M 18 x 27 x 55	29,56	53,75	56,25	27,00
M 20 x 30 x 50	32,95	48,75	51,25	30,00
M 20 x 30 x 60	32,95	58,75	61,25	30,00




## LOW RES.

Low tensile steel  
Acciaio a bassa resistenza

# 63348-94

## DE GZ



FINISHING		PACKAGING	
SIZES MISURE			
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000		
M 5 x 8 x 20	106,00	2.400 (12)	200
M 6 x 10 x 20	116,50	1.200 (12)	100
M 6 x 10 x 30	161,00	1.200 (12)	100
M 6 x 10 x 40	217,50	1.200 (12)	100
M 8 x 13 x 20	167,00	1.200 (24)	50
M 8 x 13 x 30	290,50	600 (12)	50
M 8 x 13 x 40	388,00	600 (12)	50
M 10 x 17 x 20	348,00	600 (24)	25
M 10 x 17 x 30	485,00	300 (12)	25
M 10 x 17 x 40	667,50	200 (8)	25
M 12 x 19 x 30	594,00	200 (8)	25
M 12 x 19 x 40	708,00	200 (8)	25
M 14 x 21 x 30	702,00	200 (8)	25
M 14 x 21 x 40	918,00	150 (6)	25
M 16 x 24 x 30	798,00	120 (12)	10
M 16 x 24 x 40	1.134,00	120 (12)	10
M 16 x 24 x 50	1.500,00	120 (12)	10
M 18 x 27 x 55	2.052,00	60 (6)	10
M 20 x 30 x 50	2.592,00	60 (6)	10
M 20 x 30 x 60	2.880,00	60 (6)	10

 Standard packaging on page 274  
Confezionamento standard a pag. 274

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 79810-94

TC PH



## SPECIAL BOX

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

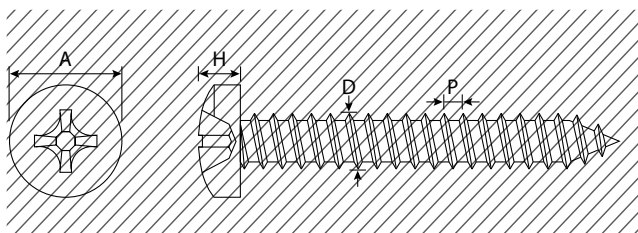
DIN 7981 • Uni 6954 • Iso 7049

ALWAYS UP-TO-DATE WITH REGULATIONS



## SELF-TAPPING SCREWS PH PAN HEAD

- Viti autofilettanti testa cilindrica PH
- Blechschrauben Linsenkopf PH-Antrieb
- Vis à tôle tête cylindrique PH
- Tornillos rosca chapa con cabeza redonda PH
- Винты самонарезающие полусферическая головка PH



Diameters Diametri	Limits Limiti	A	H	D	P	PH
2,2	Min.	3,90	1,55	2,10	-0,80	1
	Max	4,20	1,80	2,24		
2,9	Min.	5,30	1,95	2,76	-1,10	1
	Max	5,60	2,20	2,90		
3,5	Min.	6,54	2,35	3,35	-1,30	2
	Max	6,90	2,60	3,53		
3,9	Min.	7,14	2,55	3,73	-1,30	2
	Max	7,50	2,80	3,91		

Diameters Diametri	Limits Limiti	A	H	D	P	PH
4,2	Min.	7,84	2,75	4,04	-1,40	2
	Max	8,20	3,05	4,22		
4,8	Min.	9,14	3,25	4,62	-1,60	2
	Max	9,50	3,55	4,80		
5,5	Min.	10,37	3,65	5,28	-1,80	3
	Max	10,80	3,95	5,46		

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410




# 79810-94

## TC PH



FINISHING		NEW PACKAGING	
SIZES MISURE			
	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000		
2,2 x 4,5	22,95	20.000 (20)	1.000
6,5	21,45	20.000 (20)	1.000
9,5	20,40	20.000 (20)	1.000
2,9 x 4,5	18,90	20.000 (20)	1.000
6,5	15,30	20.000 (20)	1.000
3,5 x 6,5	19,40	10.000 (20)	500
9,5	16,70	10.000 (20)	500
13	17,55	10.000 (20)	500
16	18,95	10.000 (20)	500
19	20,55	10.000 (20)	500
22	24,30	5.000 (10)	500
25	25,35	5.000 (10)	500
45	59,45	2.000 (10)	200
50	79,35	2.000 (10)	200
3,9 x 6,5	21,95	10.000 (20)	500
9,5	19,90	10.000 (20)	500
13	20,35	10.000 (20)	500
16	22,10	5.000 (10)	500
19	24,10	5.000 (10)	500
22	28,90	5.000 (10)	500
25	30,10	5.000 (10)	500

FINISHING		NEW PACKAGING	
SIZES MISURE			
	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000		
4,2 x 6,5	25,00	10.000 (20)	500
9,5	23,00	10.000 (20)	500
13	23,30	5.000 (10)	500
16	25,35	5.000 (10)	500
19	27,45	5.000 (10)	500
22	31,65	5.000 (10)	500
25	33,00	5.000 (10)	500
45	73,45	2.000 (10)	200
50	98,65	1.600 (8)	200
4,8 x 6,5	41,85	10.000 (20)	500
9,5	35,80	5.000 (10)	500
13	34,30	5.000 (10)	500
16	34,80	5.000 (10)	500
32	58,70	2.000 (10)	200
38	64,40	2.000 (10)	200
5,5 x 13	63,80	2.000 (10)	200
16	63,30	2.000 (10)	200
19	69,40	2.000 (10)	200
22	76,00	2.000 (10)	200
25	84,70	2.000 (10)	200
32	99,50	2.000 (10)	200

 Complete range and standard packaging on page 292  
Gamma completa e confezionamento standard a pag. 292

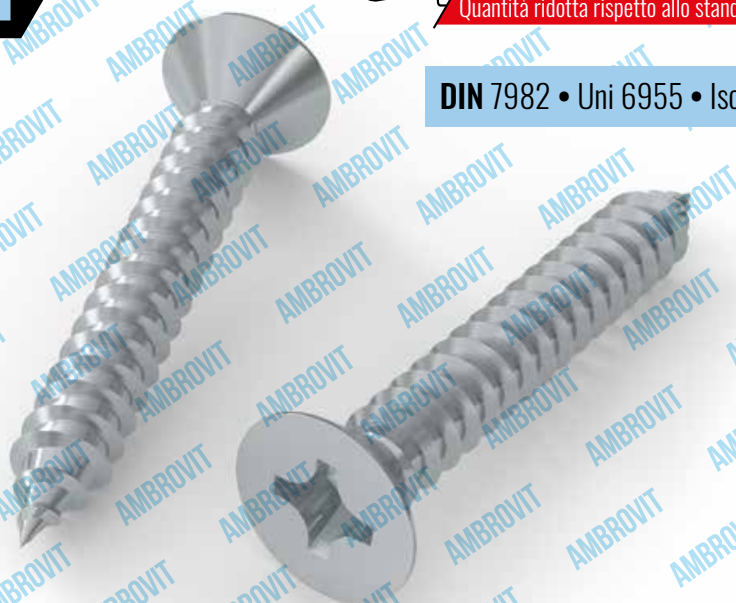
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 79820-94

## TSP PH

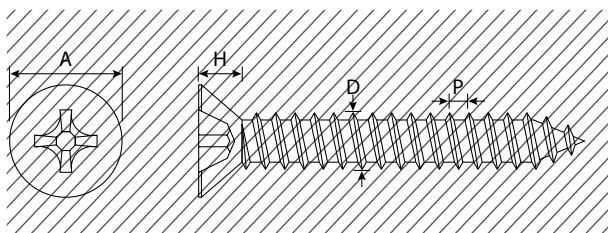
**DIN 7982 • Uni 6955 • Iso 7050****SPECIAL BOX**Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

ALWAYS UP-TO-DATE WITH REGULATIONS



### SELF-TAPPING SCREWS PH FLAT HEAD

- Viti autofilettanti testa svasata piana PH
- Blechschrauben Senkkopf PH-Antrieb
- Vis à tôle tête fraisée PH
- Tornillos rosca chapa con cabeza plana PH
- Винты самонарезающие плоская потайная головка PH



Diameters Diametri	Limits Limiti	A	D	H	P	PH
2,2	Min.	4,00	2,10	-1,30	-0,80	1
	Max	4,30	2,24			
2,9	Min.	5,20	2,76	-1,70	-1,10	1
	Max	5,50	2,90			
3,5	Min.	6,44	3,35	-2,10	-1,30	2
	Max	6,80	3,53			
3,9	Min.	7,14	3,73	-2,30	-1,30	2
	Max	7,50	3,91			




Diameters Diametri	Limits Limiti	A	D	H	P	PH
4,2	Min.	7,74	4,04	-2,50	-1,40	2
	Max	8,10	4,22			
4,8	Min.	9,14	4,62	-3,00	-1,60	2
	Max	9,50	4,80			
5,5	Min.	10,37	5,28	-3,40	-1,80	3
	Max	10,80	5,46			

### C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410

# 79820-94

## TSP PH

FINISHING		NEW PACKAGING	
SIZES MISURE			
	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000		
2,2 x 6,5	21,45	20.000 (20)	1.000
9,5	22,95	20.000 (20)	1.000
2,9 x 6,5	16,85	20.000 (20)	1.000
22	21,90	10.000 (20)	500
25	25,50	10.000 (20)	500
3,5 x 9,5	19,40	10.000 (20)	500
13	19,15	10.000 (20)	500
16	21,20	10.000 (20)	500
19	22,70	10.000 (20)	500
22	25,85	10.000 (20)	500
25	26,80	5.000 (10)	500
45	63,05	2.000 (10)	200
50	84,15	2.000 (10)	200
3,9 x 9,5	21,05	10.000 (20)	500
13	22,95	10.000 (20)	500
16	24,75	5.000 (10)	500
19	27,05	5.000 (10)	500
22	30,60	5.000 (10)	500
25	31,90	5.000 (10)	500
45	70,40	2.000 (10)	200
50	94,25	1.600 (8)	200

FINISHING		NEW PACKAGING	
SIZES MISURE			
	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000		
4,2 x 9,5	25,50	10.000 (20)	500
13	26,55	5.000 (10)	500
16	27,55	5.000 (10)	500
19	30,60	5.000 (10)	500
22	35,45	5.000 (10)	500
25	38,00	5.000 (10)	500
45	85,70	2.000 (10)	200
50	114,30	1.600 (8)	200
4,8 x 9,5	39,80	5.000 (10)	500
13	32,25	5.000 (10)	500
16	41,35	5.000 (10)	500
32	66,85	2.000 (10)	200
38	78,60	2.000 (10)	200
5,5 x 13	67,35	2.000 (10)	200
16	74,50	2.000 (10)	200
19	78,05	2.000 (10)	200
22	86,20	2.000 (10)	200
25	91,80	2.000 (10)	200
32	111,70	2.000 (10)	200

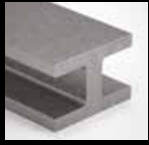


**i** Complete range and standard packaging on page 300  
Gamma completa e confezionamento standard a pag. 300

Washer / Special Box

# 81072-94

EPDM



**NEW**  
PRODUCT



## SPECIAL BOX






Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

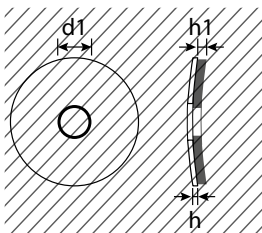


ALWAYS UP-TO-DATE WITH REGULATIONS



## STEEL EPDM BONDED WASHERS

-  Rondelle guarnizione EPDM in acciaio
-  EPDM-Dichtscheiben aus Stahl
-  Rondelles d'étanchéité EPDM en acier
-  Arandelas EPDM en acero
-  Стальные прокладки EPDM



Screws diameters Diametri viti	Limits Limiti	d1	h	h1
4,2	Min.	5,15	0,70	1,80
	Max.	5,65	0,90	2,20
4,8	Min.	5,15	0,70	1,80
	Max.	5,65	0,90	2,20
5,5	Min.	5,85	0,70	1,80
	Max.	6,35	0,90	2,20
6,3	Min.	6,75	0,70	1,80
	Max.	7,25	0,90	2,20

## C1022

- Carbon steel: C1022 + EPDM Washer  
Acciaio temperato: C1022 + Rondella EPDM





**PLAY**  
THE VIDEO

# 81072-94

## EPDM



FINISHING		PACKAGING KLEINE		
SIZES MISURE	SCREWS VITI Ø	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 €/ 1.000		
14 x 5,4	4,2	35,00	2.000 (20)	100
	5,4	35,00	2.000 (20)	100
16 x 5,4	4,8	40,00	2.000 (20)	100
	6,0	40,00	2.000 (20)	100
	7,0	40,00	2.000 (20)	100
19 x 6,0	5,5	60,00	2.000 (20)	100
	7,0	60,00	2.000 (20)	100
25 x 6,0	5,5	95,00	1.000 (10)	100
	7,0	95,00	1.000 (10)	100

**i** Standard packaging on page 356  
Confezionamento standard a pag. 356

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# BLIND RIVETS

-  Rivetti
-  Nieten
-  Rivets
-  Remaches
-  Заклепки

## AMBROVIT® MAIN DATA

**44,000**  
PALLETS

**3,000**  
TRAYS

**1,500**  
CLIENTS

**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS



Blind rivets

# 73373

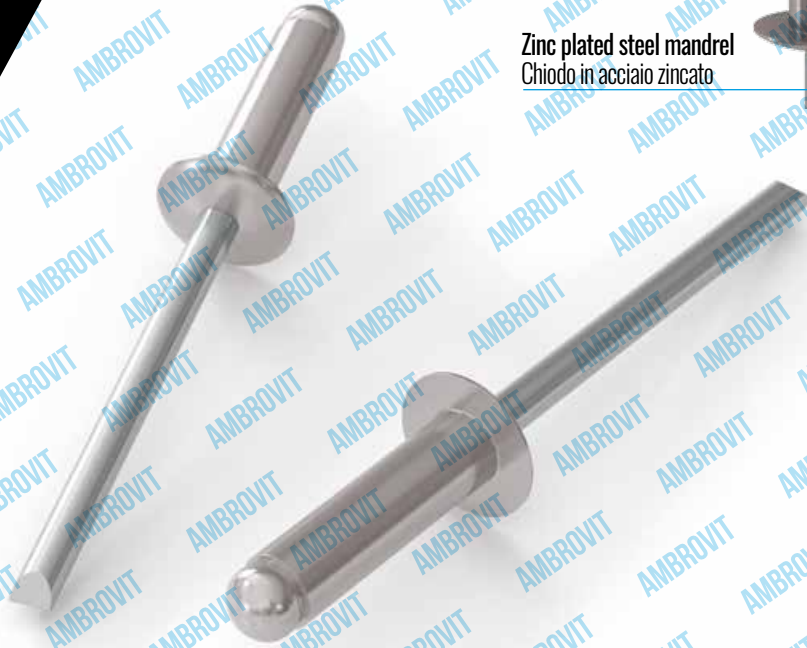
BR-AS



**NEW**  
PRODUCT

Aluminium body  
Corpo in alluminio

Zinc plated steel mandrel  
Chiodo in acciaio zincato

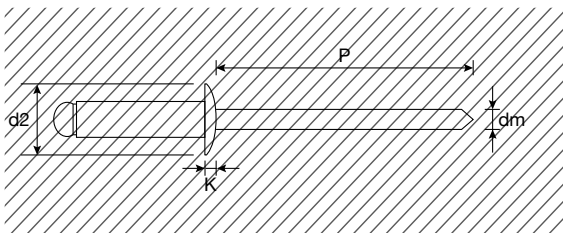


ALWAYS UP-TO-DATE WITH REGULATIONS



## BLIND RIVETS OPEN TYPE DOME HEAD ALU/STEEL

-  Rivetti tipo aperto a strappo testa tonda alluminio/acciaio
-  Blindnieten offen Flachrundkopf Alu/Stahl
-  Rivets aveugles tête plate ouverte alu/acier
-  Remaches ciegos cabeza alomada abierta alu/acero
-  Слепые заклепки открытого типа полукруглая головка алюминий/сталь



Diameters Diametri	dm	d2	K	P
3,0	~1,75	~6,00	~1,00	25,00
3,2	~1,75	~6,20	~1,10	25,00
3,4	~1,75	~6,40	~1,10	25,00
4,0	~2,15	~8,00	~1,40	27,00
4,8	~2,65	~9,60	~1,70	27,00
6,0	~3,35	~12,00	~2,10	27,00

## ALU/STEEL

- Aluminium 5050  
Alluminio 5050
- Steel  
Acciaio



# 73373

## BR-AS

SIZES MISURE	TECHNICAL DATA				FINISHING	PACKAGING	
	Ø Hole Ø Foro	Grip range Spessori serrabili	Tensile strength, kgs Carico di rottura a trazione in kg	Shearing strength, kgs Carico di rottura a taglio in kg	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000		
<b>3,0 x 6</b>	3,10 - 3,20	1,00 - 3,00	550	400	11,00	1.000	17.000
<b>8</b>	3,10 - 3,20	3,00 - 5,00	550	400	12,00	1.000	16.000
<b>10</b>	3,10 - 3,20	5,00 - 7,50	550 - 1.000	400 - 900	13,00	1.000	14.000
<b>12</b>	3,10 - 3,20	6,50 - 8,50	550	400	14,00	500	14.000
<b>14</b>	3,10 - 3,20	8,50 - 10,50	550	400	15,00	500	13.000
<b>16</b>	3,10 - 3,20	10,50 - 12,00	550	400	16,00	500	12.500
<b>3,2 x 6</b>	3,30 - 3,40	1,00 - 3,00	700	500	12,00	1.000	16.000
<b>8</b>	3,30 - 3,40	3,00 - 5,00	700	500	13,00	1.000	15.000
<b>10</b>	3,20 - 3,40	5,00 - 7,50	700 - 1.200	500 - 1.100	14,00	1.000	14.000
<b>12</b>	3,20 - 3,40	6,50 - 9,50	700 - 1.200	500 - 1.100	15,00	500	13.000
<b>14</b>	3,30 - 3,40	8,50 - 10,50	700	500	17,00	500	12.500
<b>16</b>	3,30 - 3,40	10,50 - 12,00	700	500	19,00	500	12.000
<b>3,4 x 7</b>	3,50 - 3,60	1,50 - 3,50	700	500	15,00	1.000	17.000
<b>9</b>	3,50 - 3,60	3,50 - 5,50	700	500	16,00	1.000	16.000
<b>11</b>	3,50 - 3,60	5,50 - 7,50	700	500	18,00	1.000	15.000
<b>12</b>	3,50 - 3,60	6,50 - 8,50	700	500	20,00	500	14.000
<b>14</b>	3,50 - 3,60	8,50 - 10,50	700	500	22,00	500	13.000
<b>16</b>	3,50 - 3,60	10,50 - 12,50	700	500	24,00	500	12.000
<b>18</b>	3,50 - 3,60	12,50 - 14,50	700	500	26,00	500	12.000
<b>4,0 x 6</b>	4,10 - 4,20	1,00 - 2,00	1.200	850	16,00	1.000	10.000
<b>8</b>	4,10 - 4,20	2,00 - 4,00	1.200	850	17,00	1.000	10.000
<b>10</b>	4,00 - 4,20	4,00 - 6,50	1.200 - 1.700	850 - 1.500	19,00	500	9.000
<b>12</b>	4,00 - 4,20	6,00 - 8,50	1.200 - 1.700	850 - 1.500	21,00	500	8.500
<b>14</b>	4,00 - 4,20	8,00 - 10,50	1.200 - 1.700	850 - 1.500	23,00	500	8.000
<b>16</b>	4,00 - 4,20	10,00 - 12,50	1.200 - 1.700	850 - 1.500	25,00	500	8.000
<b>18</b>	4,00 - 4,20	11,50 - 16,50	1.200 - 1.700	850 - 1.500	28,00	500	7.000
<b>20</b>	4,10 - 4,20	13,50 - 15,00	1.200	850	30,00	500	7.000
<b>22</b>	4,10 - 4,20	16,00 - 18,00	1.200	850	33,00	500	7.000
<b>25</b>	4,10 - 4,20	15,00 - 20,50	1.200	850	35,00	500	6.000
<b>4,8 x 8</b>	4,90 - 5,00	1,50 - 3,50	1.700	1.200	25,00	500	6.500
<b>10</b>	4,90 - 5,00	3,50 - 5,50	1.700	1.200	26,00	500	6.000
<b>12</b>	4,90 - 5,00	5,50 - 8,00	1.700 - 2.600	1.200 - 2.100	28,00	500	6.000
<b>14</b>	4,90 - 5,00	7,50 - 10,00	1.700	1.200 - 2.100	30,00	500	5.000
<b>16</b>	4,90 - 5,00	9,50 - 12,00	1.700	1.200 - 2.100	33,00	500	5.000
<b>18</b>	4,90 - 5,00	11,00 - 13,00	1.700	1.200	36,00	500	5.000
<b>20</b>	4,90 - 5,00	13,00 - 16,00	1.700	1.200 - 2.100	39,00	500	5.000
<b>22</b>	4,90 - 5,00	15,00 - 17,00	1.700	1.200	42,00	500	4.500
<b>25</b>	4,90 - 5,00	17,00 - 20,00	1.700	1.200	46,00	500	4.000
<b>6,0 x 10</b>	6,10 - 6,20	2,50 - 4,50	3.000	2.100	45,00	500	3.000
<b>12</b>	6,10 - 6,20	4,50 - 6,50	3.000	2.100	47,00	500	3.000
<b>15</b>	6,10 - 6,20	7,50 - 9,50	3.000	2.100	51,00	500	2.500
<b>18</b>	6,10 - 6,20	10,50 - 12,50	3.000	2.100	58,00	500	2.000
<b>22</b>	6,10 - 6,20	12,50 - 14,50	3.000	2.100	64,00	500	2.000
<b>26</b>	6,10 - 6,20	15,50 - 20,00	3.000	2.100	70,00	500	2.000
<b>30</b>	6,10 - 6,20	19,50 - 24,00	3.000	2.100	77,00	500	2.000



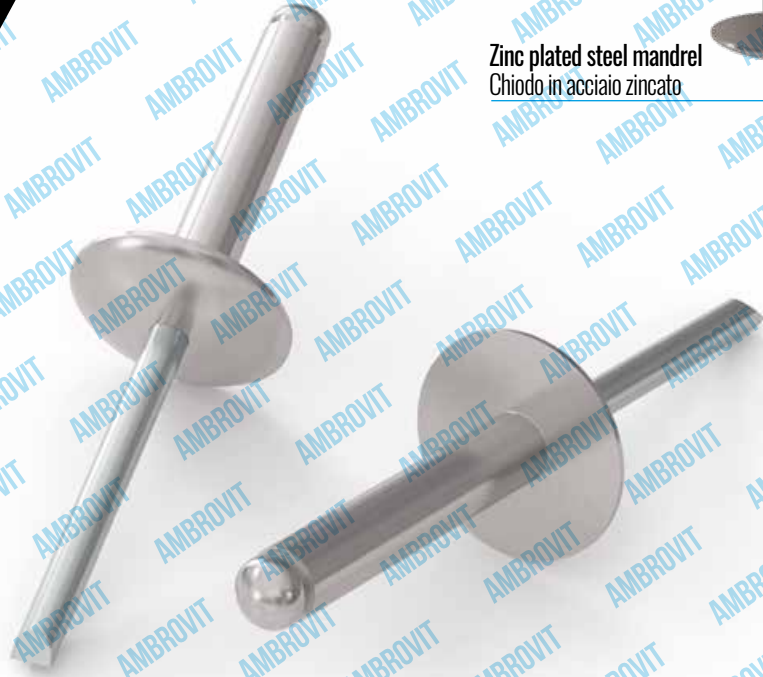
Blind rivets

# 73003

BR-ASF

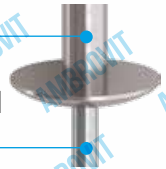


**NEW**  
PRODUCT



Aluminium body  
Corpo in alluminio

Zinc plated steel mandrel  
Chiodo in acciaio zincato




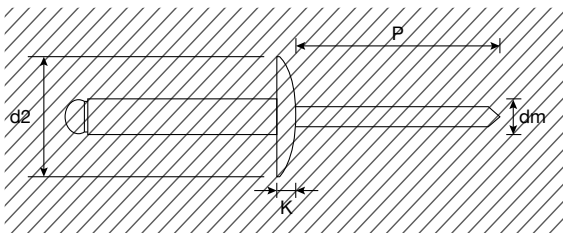
Large head // Testa larga

ALWAYS UP-TO-DATE WITH REGULATIONS



## BLIND RIVETS OPEN TYPE LARGE HEAD ALU/STEEL

-  Rivetti tipo aperto a strappo testa larga alluminio/acciaio
-  Blindnieten offen Großkopf Alu/Stahl
-  Rivets aveugles tête large ouverte alu/acier
-  Remaches ciegos cabeza ancha abierta alu/acero
-  Слепые заклепки открытого типа широкая головка алюминий/сталь



Diameters Diametri	dm	d2	K	P
4,0	~2,15	~10,50	~1,60	27,00
4,8	~2,65	~14,00	~2,10	27,00

## ALU/STEEL

- Aluminium 5050  
Alluminio 5050
- Steel  
Acciaio

# 73003

## BR-ASF

SIZES MISURE	TECHNICAL DATA				FINISHING	PACKAGING	
	Ø Hole Ø Foro	Grip range Spessori serrabili	Tensile strength, kgs Carico di rottura a trazione in kg	Shearing strength, kgs Carico di rottura a taglio in kg	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000		
<b>4,0 x 7</b>	4,10 - 4,20	1,50 - 3,00	1.200	850	27,00	1.000	8.000
<b>9</b>	4,10 - 4,20	3,00 - 5,00	1.200	850	29,00	1.000	8.000
<b>11</b>	4,10 - 4,20	5,00 - 6,50	1.200	850	31,00	500	8.000
<b>12</b>	4,10 - 4,20	6,00 - 8,50	1.200	850	33,00	500	8.000
<b>13</b>	4,10 - 4,20	8,50 - 10,50	1.200	850	35,00	500	7.500
<b>16</b>	4,10 - 4,20	10,00 - 14,50	1.200	850	40,00	500	7.000
<b>4,8 x 10</b>	4,90 - 5,00	3,00 - 5,50	1.700	1.200	43,00	500	5.000
<b>12</b>	4,90 - 5,00	5,50 - 8,00	1.700 - 2.600	1.200 - 2.100	46,00	500	5.000
<b>14</b>	4,90 - 5,00	7,50 - 10,00	1.700 - 2.600	1.200 - 2.100	49,00	500	4.000
<b>16</b>	4,90 - 5,00	9,50 - 12,00	1.700 - 2.600	1.200 - 2.100	54,00	500	4.000
<b>18</b>	4,90 - 5,00	11,00 - 13,00	1.700	1.200	59,00	500	4.000
<b>20</b>	4,90 - 5,00	13,00 - 15,00	1.700	1.200	64,00	500	4.000



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

Blind rivets

# 73372

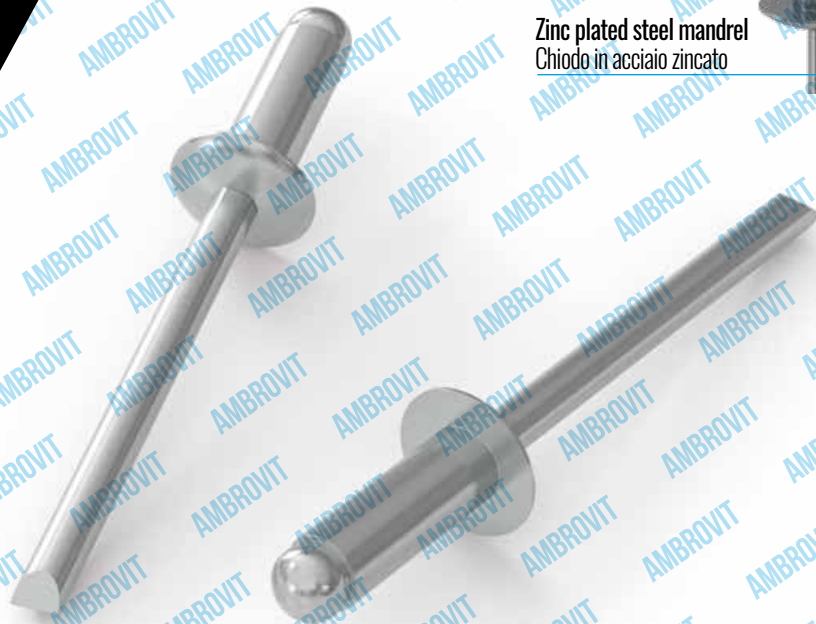
BR-SS



**NEW**  
PRODUCT

Zinc plated steel body  
Corpo in acciaio zincato






Zinc plated steel mandrel  
Chiodo in acciaio zincato

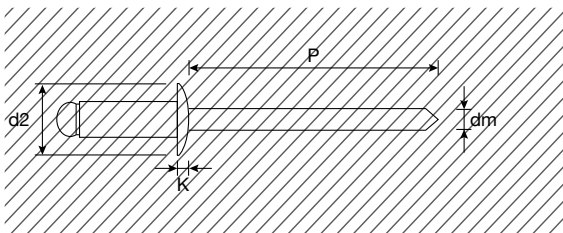


ALWAYS UP-TO-DATE WITH REGULATIONS



## BLIND RIVETS OPEN TYPE DOME HEAD STEEL/STEEL

-  Rivetti tipo aperto a strappo testa tonda acciaio/acciaio
-  Blindnieten offen Flachrundkopf Stahl/Stahl
-  Rivets aveugles tête plate ouverte acier/acier
-  Remaches ciegos cabeza alomada abierta acero/acero
-  Слепые заклепки открытого типа полукруглая головка сталь/сталь



Diameters Diametri	dm	d2	K	P
3,2	~1,94	~6,40	~1,10	25,00
4,0	~2,44	~8,00	~1,30	27,00
4,8	~2,89	~9,60	~1,70	27,00
6,0	~3,60	~12,00	~2,00	27,00

## STEEL/STEEL

■ Steel  
Acciaio

# 73372

## BR-SS

SIZES MISURE	TECHNICAL DATA				FINISHING	PACKAGING	
	Ø Hole Ø Foro	Grip range Spessori serrabili	Tensile strength, kgs Carico di rottura a trazione in kg	Shearing strength, kgs Carico di rottura a taglio in kg	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000		
<b>3,2 x 6</b>	3,30 - 3,40	0,50 - 3,00	1.200	1.100	18,00	1.000	11.000
<b>8</b>	3,30 - 3,40	3,00 - 5,00	1.200	1.100	20,00	1.000	11.000
<b>10</b>	3,30 - 3,40	5,00 - 7,00	1.200	1.100	22,00	1.000	10.000
<b>12</b>	3,30 - 3,40	7,00 - 9,00	1.200	1.100	25,00	500	9.000
<b>4,0 x 6</b>	4,10 - 4,20	1,00 - 2,00	2.200	1.700	26,00	500	7.000
<b>8</b>	4,10 - 4,20	2,00 - 4,00	2.200	1.700	27,00	500	6.000
<b>10</b>	4,10 - 4,20	4,00 - 6,00	2.200	1.700	29,00	500	6.000
<b>12</b>	4,10 - 4,20	6,00 - 8,00	2.200	1.700	31,00	500	6.000
<b>14</b>	4,10 - 4,20	8,00 - 10,00	2.200	1.700	34,00	500	5.000
<b>16</b>	4,10 - 4,20	10,00 - 12,00	2.200	1.700	36,00	500	5.000
<b>4,8 x 8</b>	4,90 - 5,00	1,50 - 3,50	3.100	2.900	35,00	500	4.500
<b>10</b>	4,90 - 5,00	3,50 - 5,50	3.100	2.900	37,00	500	4.000
<b>12</b>	4,90 - 5,00	5,50 - 7,50	3.100	2.900	40,00	500	4.000
<b>14</b>	4,90 - 5,00	7,50 - 9,50	3.100	2.900	44,00	500	3.500
<b>16</b>	4,90 - 5,00	9,50 - 11,50	3.100	2.900	49,00	500	3.000
<b>20</b>	4,90 - 5,00	13,00 - 15,00	3.100	2.900	53,00	500	3.000
<b>6,0 x 10</b>	6,10 - 6,20	3,00 - 4,00	4.800	4.300	64,00	500	2.000
<b>12</b>	6,10 - 6,20	4,00 - 6,00	4.800	4.300	66,00	500	2.000
<b>14</b>	6,10 - 6,20	6,00 - 9,00	4.800	4.300	70,00	500	2.000
<b>16</b>	6,10 - 6,20	6,00 - 11,00	4.800	4.300	78,00	500	2.000
<b>20</b>	6,10 - 6,20	9,00 - 13,00	4.800	4.300	87,00	500	1.500
<b>25</b>	6,10 - 6,20	13,00 - 19,00	4.800	4.300	96,00	500	1.500



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

Blind rivets

# 73377

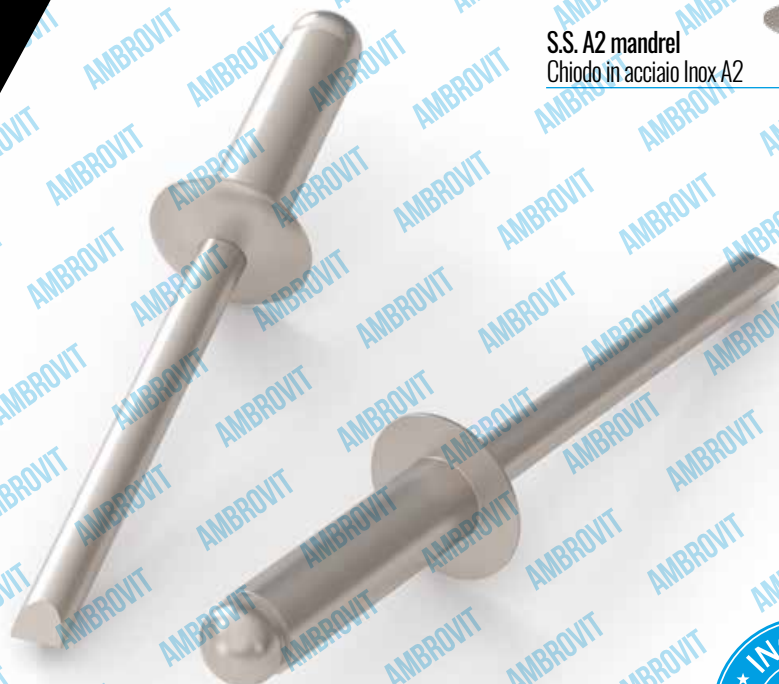
BR-A2








**NEW**  
PRODUCT

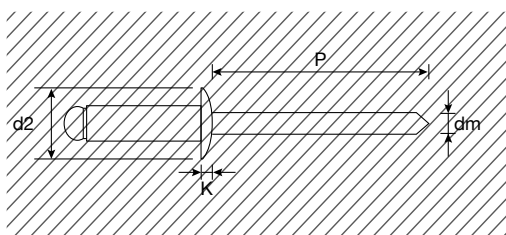
S.S. A2 body  
Corpo in acciaio Inox A2

S.S. A2 mandrel  
Chiodo in acciaio Inox A2



## BLIND RIVETS OPEN TYPE DOME HEAD STAINL. A2/STAINL. A2

-  Rivetti tipo aperto a strappo testa tonda acciaio Inox A2/acciaio Inox A2
-  Blindnieten offen Flachrundkopf Edelstahl A2/Edelstahl A2
-  Rivets aveugles tête plate ouverte Inox A2/Inox A2
-  Remaches ciegos cabeza alomada abierta acero inoxidable A2/acero inoxidable A2
-  Слепые заклепки открытого типа полукруглая головка нерж. сталь A2/нерж. сталь A2






Diameters Diametri	dm	d2	K	P
3,0	~1,95	~6,20	~1,10	25,00
3,2	~1,95	~6,40	~1,10	25,00
4,0	~2,45	~8,00	~1,30	25,00
4,8	~2,90	~9,60	~1,70	27,00

## S.S. A2

■ Stainless steel: A2  
Acciaio Inox: A2

# 73377

## BR-A2

SIZES MISURE	TECHNICAL DATA				FINISHING	PACKAGING	
	Ø Hole Ø Foro	Grip range Spessori serrabili	Tensile strength, kgs Carico di rottura a trazione in kg	Shearing strength, kgs Carico di rottura a taglio in kg			
<b>3,0 x 6</b>	3,10 - 3,20	1,00 - 3,00	2.200	1.800	49,00	1.000	12.000
<b>8</b>	3,10 - 3,20	3,00 - 5,00	2.200	1.800	52,00	1.000	11.000
<b>10</b>	3,10 - 3,20	5,00 - 7,00	2.200	1.800	56,00	1.000	11.000
<b>12</b>	3,10 - 3,20	7,00 - 9,00	2.200	1.800	63,00	500	10.000
<b>3,2 x 6</b>	3,30 - 3,40	1,00 - 3,00	2.500	1.900	52,00	1.000	11.000
<b>8</b>	3,30 - 3,40	3,00 - 5,00	2.500	1.900	56,00	1.000	11.000
<b>10</b>	3,30 - 3,40	5,00 - 7,00	2.500	1.900	60,00	1.000	10.000
<b>12</b>	3,30 - 3,40	7,00 - 9,00	2.500	1.900	68,00	500	9.000
<b>4,0 x 6</b>	4,10 - 4,20	1,00 - 2,00	3.500	2.700	80,00	500	7.000
<b>8</b>	4,10 - 4,20	2,00 - 4,00	3.500	2.700	85,00	500	6.000
<b>10</b>	4,10 - 4,20	4,00 - 6,00	3.500	2.700	90,00	500	6.000
<b>12</b>	4,10 - 4,20	6,00 - 8,00	3.500	2.700	94,00	500	6.000
<b>14</b>	4,10 - 4,20	8,00 - 10,00	3.500	2.700	99,00	500	5.000
<b>16</b>	4,10 - 4,20	10,00 - 12,00	3.500	2.700	105,00	500	5.000
<b>4,8 x 8</b>	4,90 - 5,00	1,50 - 3,50	5.000	4.000	110,00	500	4.500
<b>10</b>	4,90 - 5,00	3,50 - 5,50	5.000	4.000	120,00	500	4.000
<b>12</b>	4,90 - 5,00	5,50 - 7,50	5.000	4.000	130,00	500	4.000
<b>14</b>	4,90 - 5,00	7,50 - 9,50	5.000	4.000	142,00	500	3.500
<b>16</b>	4,90 - 5,00	9,50 - 11,50	5.000	4.000	157,00	500	3.000
<b>18</b>	4,90 - 5,00	11,50 - 13,00	5.000	4.000	165,00	500	3.000
<b>20</b>	4,90 - 5,00	13,00 - 15,00	5.000	4.000	178,00	500	3.000








BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# STAINLESS STEEL SCREWS

-  Viti Inox
-  Edelstahlschrauben
-  Vis Inox
-  Tornillos de acero inoxidable
-  Винты из нержавеющей стали



## **AMBROVIT®** MAIN DATA

**44,000**  
PALLETS

**3,000**  
TRAYS



**1,500**  
CLIENTS

**5,000**  
PICKING LINES  
PER DAY



**54**  
INTERNATIONAL  
MARKETS





**04367** A4 TC TER TX PAGE 81

**87058** A4 SUPER TSP TX DR PAGE 82


**73377** BR-A2 NEW PRODUCT PAGE 84



**15937** DE SH A2 NEW PRODUCT PAGE 86



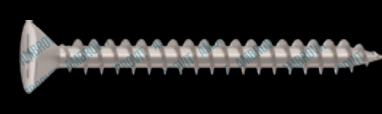


**87057** A2 SUPER TSP TX DR PAGE 87

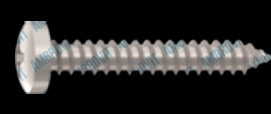

**05367** A2 TSP/ SM TX DR PAGE 89



**05057** A2 TSP PZ PAGE 90

**79817** A2 TC PH PAGE 92

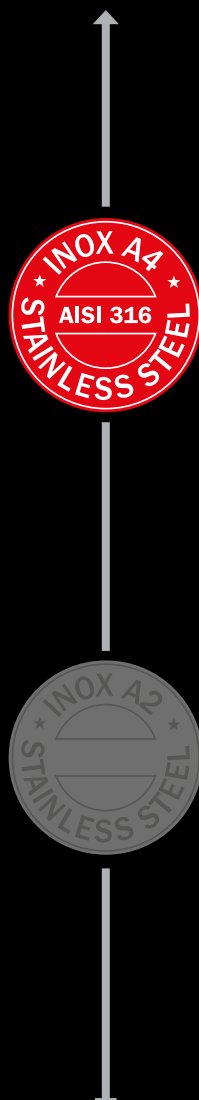



**79827** A2 TSP PH PAGE 94

# S.S. A4

AISI 316



A4 stainless steel is the most corrosion-resistant steel, thanks to a higher chromium content which allows its use in extremely aggressive environments. It results to be highly resistant to oxidation.

Acciaio più resistente alla corrosione grazie ad un maggior contenuto di cromo che ne consente l'impiego in ambienti molto aggressivi. Risulta ancor più resistente ai processi di ossidazione.

Stainless steel is mainly indicated in those environments subjected to oxidation. Aesthetic problems and/or structural failure due to corrosive effects are thus avoided. Both A2 and A4 stainless steels are used in a wide variety of sectors: carpentry, industrial, pharmaceutical, food, textile, naval, paper and chemical.

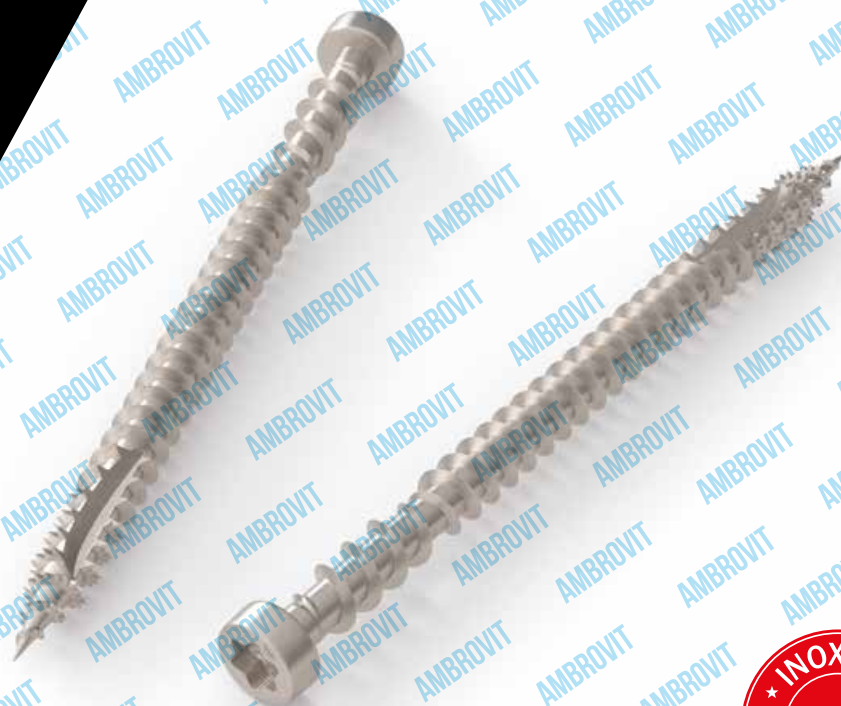
L'acciaio Inox risulta indicato prevalentemente in ambienti altamente ossidanti. Si evitano così problemi estetici e/o cedimenti strutturali del fissaggio dovuti all'effetto corrosivo. Sia l'acciaio A2 che l'acciaio A4 sono utilizzati nei più svariati campi di applicazioni: carpenteria, industria, farmaceutica, alimentare, tessile, navale, edile, cartaria e chimica.

# 04367

## A4 TC TER TX



BIT TX

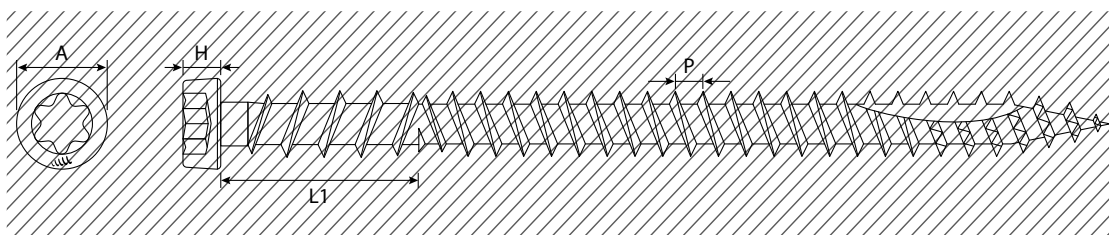


16/0381



### STAINLESS STEEL TERRACE SCREWS TX TRIM CONICAL HEAD, TWO THREADS - INVERTED UNDERHEAD AND TRILOBULAR - AND TOOTHED POINT TYPE 17

- Viti Inox per terrazze testa conica a scomparsa TX a due filetti - inverso sotto testa e trilobato - punta super svasante dentellata
- Edelstahl-Terrassenbauschrauben Kegelkopf TX-Antrieb mit Doppelgewinde - Umkehrgewinde unter Kopf und Trilobulargewinde - mit gezahnte Cut-Spitze
- Vis Inox pour terrasses tête conique effet escamotable TX double filetage - inversé s/tête et trilobulaire - et pointe type 17 dentelée
- Tornillos de acero inoxidable para terrazas cabeza cónica de ocultamiento TX doble rosca - inversa bajo cabeza y trilobular - y punta type 17 dentada
- Шурупы из нержавеющей стали для террас, небольшая трапецидальная головка, обратная резьба под головкой и треугольная резьба, шлиц TX, зубчатый наконечник тип 17



Diameters Diametri	Limits Limiti	A	H	L1	P	TX
5,0	Min.	6,70	2,70	14,00	~2,10	T20
	Max.	7,00	3,00	16,00		

#### FINISHING

#### PACKAGING

SIZES  
MISURE

TX

S.S. A4 AISI 316  
INOX A4 AISI 316  
€ / 1.000

SIZE	TX	FINISHING	PACKAGING	PACKAGING	PACKAGING
5,0 x 40	T20	190,00	2.400 (12)	800 (4)	200
50	T20	230,00	2.400 (12)	800 (4)	200
60	T20	280,00	2.400 (12)	800 (4)	200
70	T20	335,00	1.200 (12)	400 (4)	100
80	T20	390,00	1.200 (12)	400 (4)	100

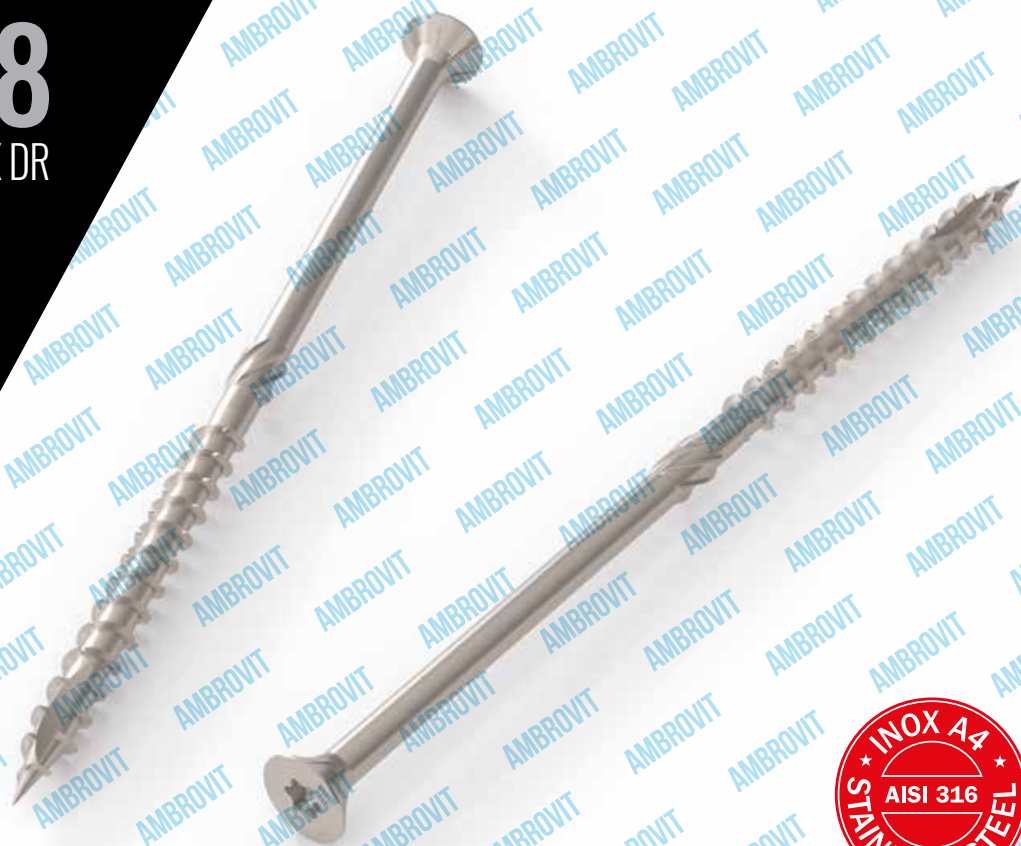
## S.S. A4

■ Stainless steel: A4 - AISI 316  
Acciaio Inox: A4 - AISI 316

Screws / Stainless steel

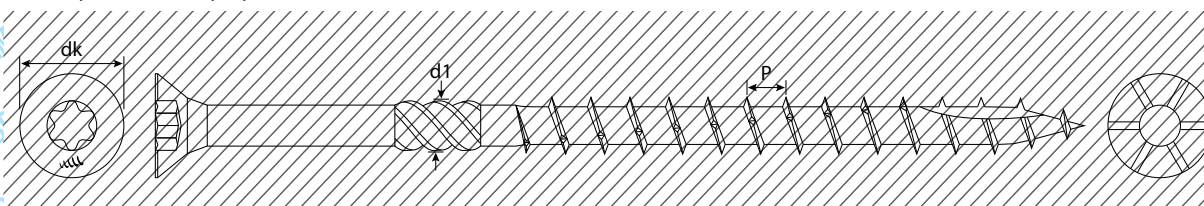
# 87058

## A4 SUPER TSP TX DR



### STAINLESS STEEL WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17

- Viti Inox per carpenteria TSP TX super svasante autop perforante
- Edelstahl-Holzbauschrauben Flachsenkopf TX-Antrieb Fräsrippen Schaftfräser Cut-Spitze
- Vis Inox pour charpente tête fraisée crantée TX et type 17
- Tornillos de acero inoxidable para carpintería cabeza plana estriada TX punta type 17
- Шурупы из нержавеющей стали для деревянных конструкций, плоская потайная головка с насечками для раззенковки и ребрами, шлиц TX, тип 17



Diameters Diametri	Limits Limiti	dk	d1	P	TX
5,0	Min.	9,64	3,70	~ 3,20	T25
	Max	10,00	4,40		

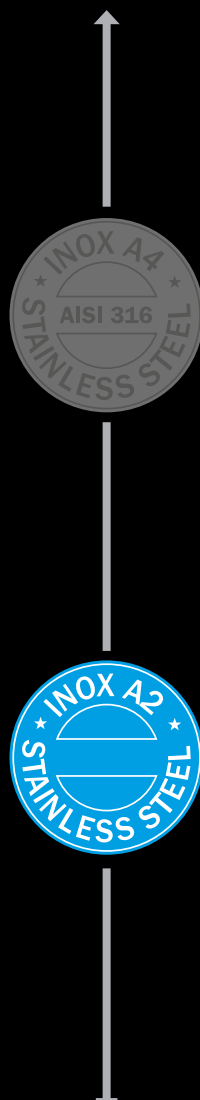
FINISHING		PACKAGING	
SIZES MISURE	TX		
		S.S. A4 AISI 316 INOX A4 AISI 316 € / 1.000	

## S.S. A4

- **Stainless steel: A4 - AISI 316**  
Acciaio Inox: A4 - AISI 316
- **Threaded section: as per listing**  
(Ex 5,0x60/35 = thread 35)  
Parte filettata: come da listino  
(Es. 5,0x60/35 = filetto 35)

5,0 x 50/30	T25	190,00	2.400 (12)	200
60/35	T25	240,00	1.600 (8)	200
70/42	T25	285,00	1.600 (8)	200
80/50	T25	340,00	1.600 (8)	200
90/50	T25	390,00	1.200 (12)	100
100/50	T25	450,00	1.200 (12)	100

# S.S. A2



A2 stainless steel is the most used because it has a good resistance to corrosion in all those conditions where both humidity and salt solutions are present.

L'acciaio di tipo A2 è il più utilizzato perché ha una discreta resistenza alla corrosione in tutte quelle condizioni in cui sono presenti sia umidità che soluzioni saline.

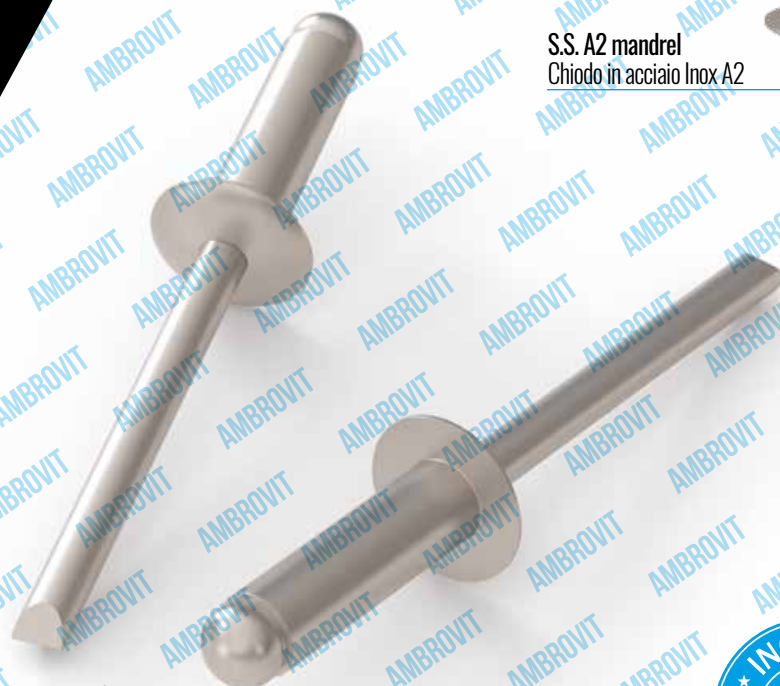
Blind Rivets / Stainless steel

# 73377

BR-A2



**NEW**  
PRODUCT








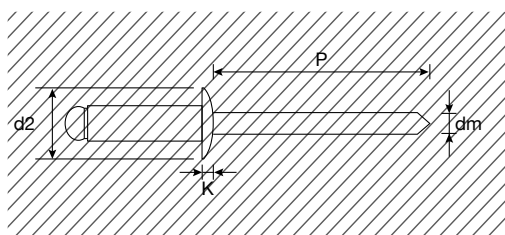
S.S. A2 body  
Corpo in acciaio Inox A2

S.S. A2 mandrel  
Chiodo in acciaio Inox A2



## BLIND RIVETS OPEN TYPE DOME HEAD STAINL. A2/STAINL. A2

-  Rivetti tipo aperto a strappo testa tonda acciaio Inox A2/acciaio Inox A2
-  Blindnieten offen Flachrundkopf Edelstahl A2/Edelstahl A2
-  Rivets aveugles tête plate ouverte Inox A2/Inox A2
-  Remaches ciegos cabeza alomada abierta acero inoxidable A2/acero inoxidable A2
-  Слепые заклепки открытого типа полукруглая головка нерж. сталь A2/нерж. сталь A2



Diameters Diametri	dm	d2	K	P
3,0	~1,95	~6,20	~1,10	25,00
3,2	~1,95	~6,40	~1,10	25,00
4,0	~2,45	~8,00	~1,30	25,00
4,8	~2,90	~9,60	~1,70	27,00

## S.S. A2

■ Stainless steel: A2  
Acciaio Inox: A2

# 73377

## BR-A2

SIZES MISURE	TECHNICAL DATA				FINISHING	PACKAGING	
	Ø Hole Ø Foro	Grip range Spessori serrabili	Tensile strength, kgs Carico di rottura a trazione in kg	Shearing strength, kgs Carico di rottura a taglio in kg	S.S. A2 INOX A2 €/ 1.000		
<b>3,0 x 6</b>	3,10 - 3,20	1,00 - 3,00	2.200	1.800	49,00	1.000	12.000
<b>8</b>	3,10 - 3,20	3,00 - 5,00	2.200	1.800	52,00	1.000	11.000
<b>10</b>	3,10 - 3,20	5,00 - 7,00	2.200	1.800	56,00	1.000	11.000
<b>12</b>	3,10 - 3,20	7,00 - 9,00	2.200	1.800	63,00	500	10.000
<b>3,2 x 6</b>	3,30 - 3,40	1,00 - 3,00	2.500	1.900	52,00	1.000	11.000
<b>8</b>	3,30 - 3,40	3,00 - 5,00	2.500	1.900	56,00	1.000	11.000
<b>10</b>	3,30 - 3,40	5,00 - 7,00	2.500	1.900	60,00	1.000	10.000
<b>12</b>	3,30 - 3,40	7,00 - 9,00	2.500	1.900	68,00	500	9.000
<b>4,0 x 6</b>	4,10 - 4,20	1,00 - 2,00	3.500	2.700	80,00	500	7.000
<b>8</b>	4,10 - 4,20	2,00 - 4,00	3.500	2.700	85,00	500	6.000
<b>10</b>	4,10 - 4,20	4,00 - 6,00	3.500	2.700	90,00	500	6.000
<b>12</b>	4,10 - 4,20	6,00 - 8,00	3.500	2.700	94,00	500	6.000
<b>14</b>	4,10 - 4,20	8,00 - 10,00	3.500	2.700	99,00	500	5.000
<b>16</b>	4,10 - 4,20	10,00 - 12,00	3.500	2.700	105,00	500	5.000
<b>4,8 x 8</b>	4,90 - 5,00	1,50 - 3,50	5.000	4.000	110,00	500	4.500
<b>10</b>	4,90 - 5,00	3,50 - 5,50	5.000	4.000	120,00	500	4.000
<b>12</b>	4,90 - 5,00	5,50 - 7,50	5.000	4.000	130,00	500	4.000
<b>14</b>	4,90 - 5,00	7,50 - 9,50	5.000	4.000	142,00	500	3.500
<b>16</b>	4,90 - 5,00	9,50 - 11,50	5.000	4.000	157,00	500	3.000
<b>18</b>	4,90 - 5,00	11,50 - 13,00	5.000	4.000	165,00	500	3.000
<b>20</b>	4,90 - 5,00	13,00 - 15,00	5.000	4.000	178,00	500	3.000



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

Nuts / Stainless steel

# 15937

## DE SH A2



### NEW PRODUCT

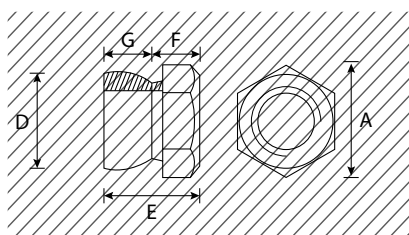


**TAMPER-PROOF**  
**ANTIEFFRAZIONE**



## BREAKAWAY SECURITY SHEAR NUTS

- Dadi a strappo con calotta bombata
- Abreibmuttern
- Écrous auto-cassants
- Tuercas de seguridad antirrobo
- Гайки отрывные антивандальные



Diameters Diametri	A	D	E	F	G	Carico di rottura N/m Proof load N/m
M 8	13,00	12,70	12,00	6,00	6,00	17 - 25
M 10	17,00	16,70	15,50	7,50	8,00	27-35



### S.S. A2

■ Stainless steel: A2  
Acciaio Inox: A2

#### FINISHING      PACKAGING

SIZES  
MISURE



S.S. A2  
INOX A2  
€ / 1.000

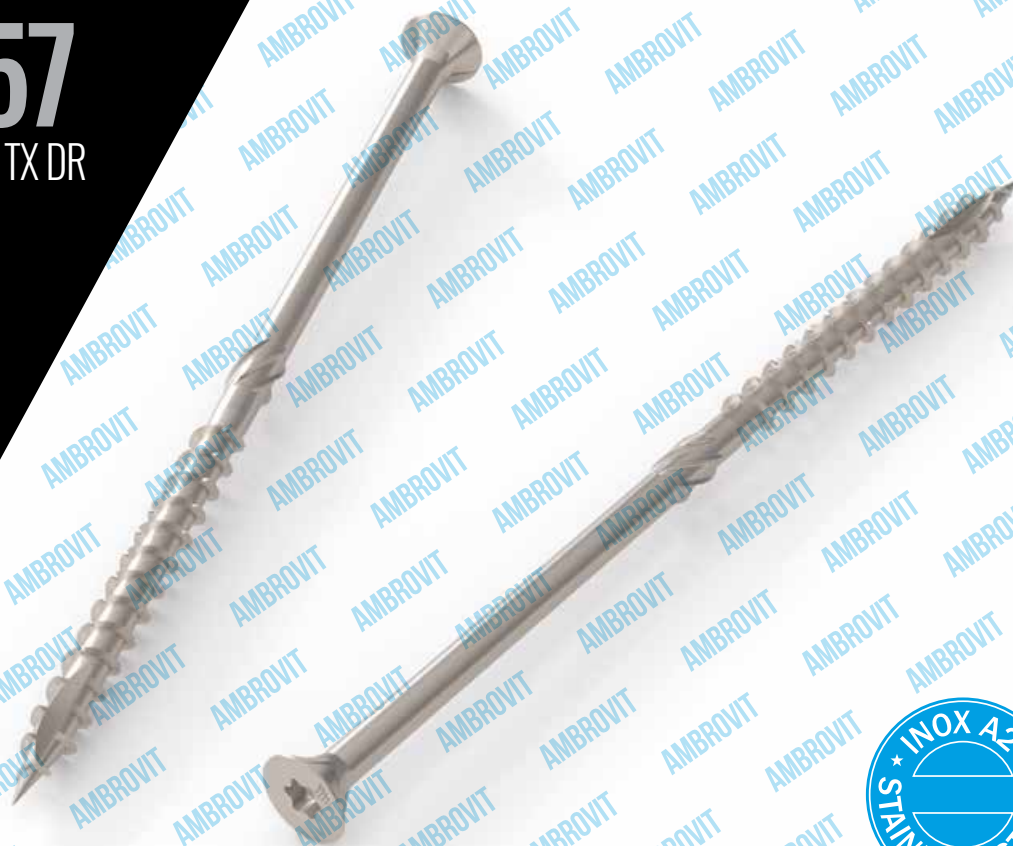


M 8	1.330,00	1.000 (20)	200 (4)	50
M 10	1.620,00	500 (20)	100 (4)	25



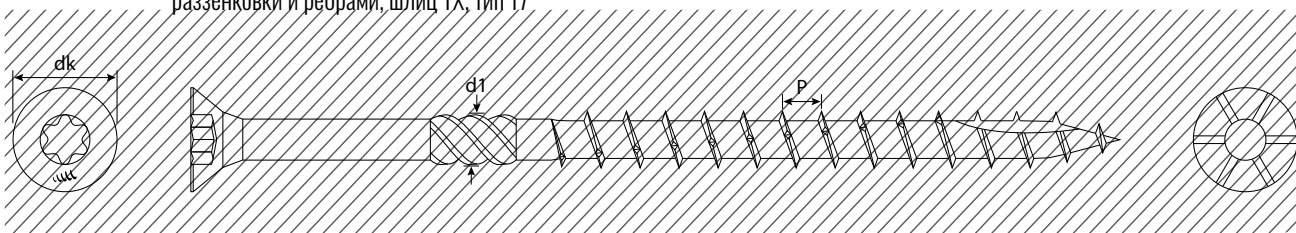
# 87057

## A2 SUPER TSP TX DR



### STAINLESS STEEL WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17

- Viti Inox per carpenteria TSP TX super svasante autop perforante
- Edelstahl-Holzbauschrauben Flachsenkopf TX-Antrieb Fräsrippen Schafffräser Cut-Spitze
- Vis Inox pour charpente tête fraisée crantée TX et type 17
- Tornillos de acero inoxidable para carpintería cabeza plana estriada TX punta type 17
- Шурупы из нержавеющей стали для деревянных конструкций, плоская потайная головка с насечками для раззенковки и ребрами, шлиц TX, тип 17



Diameters Diametri	Limits Limiti	dk	d1	P	TX
3,0	Min.	5,65	2,80	~ 1,45	T10
	Max	6,05	3,20		
3,5	Min.	6,65	3,10	~ 2,15	T15
	Max	7,05	3,40		
4,0	Min.	7,50	3,50	~ 2,52	T20
	Max	8,00	3,80		
4,5	Min.	8,50	3,70	~ 2,80	T25
	Max	9,00	4,00		
5,0	Min.	9,64	3,70	~ 3,20	T25
	Max	10,00	4,40		
6,0	Min.	11,50	4,80	~ 4,70	T30
	Max	12,10	5,20		
8,0	Min.	14,30	6,80	~ 5,50	T40
	Max	15,00	7,20		

## S.S. A2






- **Stainless steel: A2**  
Acciaio Inox: A2
- **Threaded section: as per listing**  
(Ex 4,0x30/18 = thread 18)  
Parte filettata: come da listino  
(Es. 4,0x30/18 = filetto 18)




# 87057




## A2 SUPER TSP TX DR



### STAINLESS STEEL WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17

-  Viti Inox per carpenteria TSP TX super svasante autop perforante
-  Edelstahl-Holzbauschrauben Flachsensenkopf TX-Antrieb Schafffräser Cut-Spitze
-  Vis Inox pour charpente tête fraisée crantée TX et type 17
-  Tornillos de acero inoxidable para carpintería cabeza plana estriada TX punta type 17
-  Шурупы из нержавеющей стали для деревянных конструкций, плоская потайная головка с насечками для раззенковки и ребрами, шлиц TX, тип 17

		FINISHING		PACKAGING		
SIZES MISURE	TX					
<b>NEW</b> 3,0 x 16	T10	42,00	24.000 (24)	1.000		
<b>NEW</b> 20	T10	44,00	12.000 (12)	1.000		
<b>NEW</b> 25/15	T10	55,00	6.000 (12)	500		
<b>NEW</b> 30/18	T10	60,00	6.000 (12)	500		
3,5 x 25/15	T15	56,00	6.000 (12)	500		
30/18	T15	62,00	6.000 (12)	500		
35/20	T15	66,00	6.000 (12)	500		
40/24	T15	73,00	4.000 (8)	500		
<b>NEW</b> 45/27	T15	92,00	2.400 (12)	200		
<b>NEW</b> 50/30	T15	115,00	2.400 (12)	200		
<b>NEW</b> 4,0 x 16	T20	46,00	1.200 (24)	500		
<b>NEW</b> 20	T20	52,00	6.000 (12)	500		
<b>NEW</b> 25/15	T20	63,00	6.000 (12)	500		
30/18	T20	72,00	6.000 (12)	500		
35/20	T20	82,00	4.000 (8)	500		
40/24	T20	88,00	4.000 (8)	500		
45/27	T20	98,00	2.400 (12)	200		
50/30	T20	110,00	2.400 (12)	200		
60/35	T20	140,00	2.400 (12)	200		
4,5 x 20	T20	60,00	6.000 (12)	500		
25/15	T20	74,00	6.000 (12)	500		
30/18	T20	82,00	6.000 (12)	500		
35/20	T20	93,00	2.400 (12)	200		
40/24	T20	105,00	2.400 (12)	200		
45/27	T20	115,00	2.400 (12)	200		
50/30	T20	140,00	2.400 (12)	200		
60/35	T20	165,00	2.400 (12)	200		
70/42	T20	205,00	1.600 (8)	200		
80/50	T20	240,00	1.600 (8)	200		

		FINISHING		PACKAGING		
SIZES MISURE	TX					
5,0 x 40/24	T25	127,00	2.400 (12)	200		
45/27	T25	134,00	2.400 (12)	200		
50/30	T25	143,00	2.400 (12)	200		
60/35	T25	180,00	1.600 (8)	200		
70/42	T25	215,00	1.600 (8)	200		
80/50	T25	260,00	1.600 (8)	200		
90/50	T25	295,00	1.200 (12)	100		
100/50	T25	350,00	1.200 (12)	100		
6,0 x 50/30	T30	220,00	1.600 (8)	200		
60/35	T30	245,00	1.200 (6)	200		
70/42	T30	290,00	1.200 (6)	200		
80/50	T30	330,00	1.200 (6)	200		
90/50	T30	375,00	1.200 (12)	100		
100/50	T30	415,00	800 (8)	100		
120/70	T30	500,00	600 (6)	100		
140/70	T30	580,00	600 (6)	100		
160/70	T30	710,00	600 (6)	100		
8,0 x 160/80	T40	1.280,00	700 (7)	100		
200/80	T40	1.880,00	600 (6)	100		
240/80	T40	2.220,00	500 (5)	100		
280/80	T40	2.650,00	400 (4)	100		

# 05367

## A2 TSP/ SM TX DR

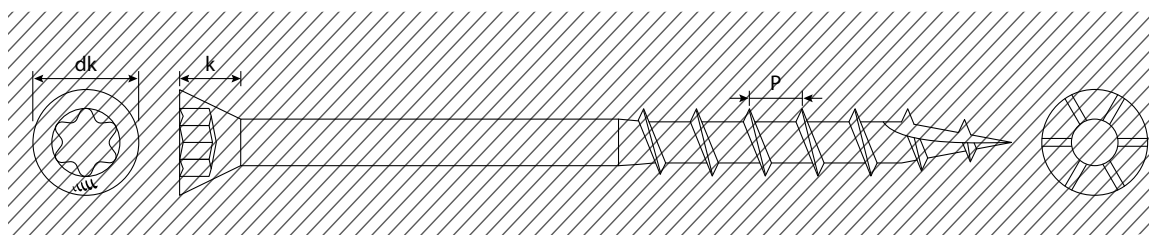


BIT TX



### STAINLESS STEEL WOOD TERRACE SCREWS TX SMALL FLAT HEAD 60° W/RIBS UNDER HEAD TYPE 17

- 🇮🇹 Viti Inox per terrazze TSP ridotta 60° TX con alette svasanti autopерforanti
- 🇩🇪 Edelstahl-Terrassenbauschrauben kleiner Senkkopf 60° TX-Antrieb Fräsrippen und Cut-spitze
- 🇫🇷 Vis Inox pour terrasses tête réduite 60° crantée TX et type 17
- 🇪🇸 Tornillos de acero inoxidable para terrazas cabeza reducida 60° estriada TX punta type 17
- 🇷🇺 Шурупы из нержавеющей стали для террас, уменьшенная головка 60° с ребрами, шлиц TX, тип 17



Diameters Diametri	Limits Limiti	dk	k	P	TX
4,2	Min. 6,70 Max 7,30	~ 4,00	~ 3,50	T20	

#### FINISHING

SIZES  
MISURE

TX

S.S. A2  
INOX A2  
€ / 1.000

#### PACKAGING



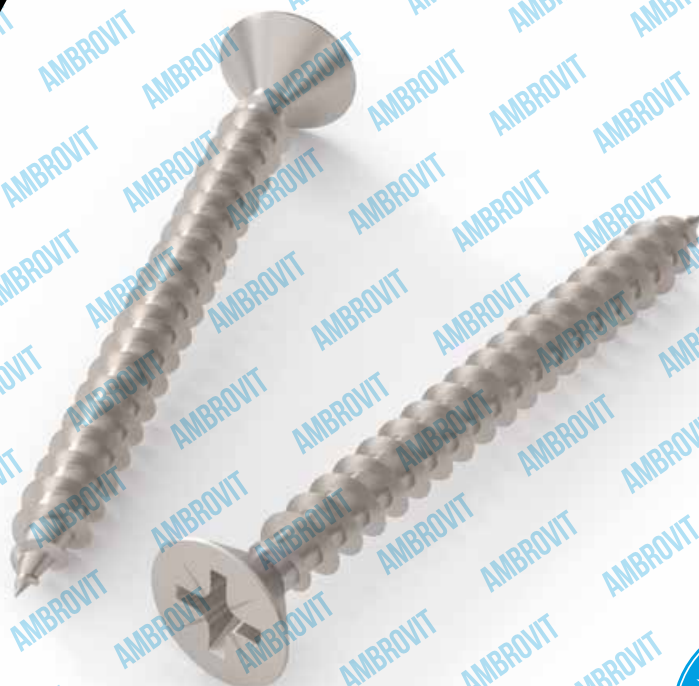
SIZES MISURE	TX	83,00	2.400 (12)	800 (4)	200
4,2 x 35/20	T20	83,00	2.400 (12)	800 (4)	200
45/25	T20	101,00	2.400 (12)	800 (4)	200
55/26	T20	119,00	2.400 (12)	800 (4)	200
65/33	T20	139,00	2.400 (12)	800 (4)	200
75/40	T20	163,00	2.400 (12)	800 (4)	200

## S.S. A2






- **Stainless steel: A2**  
Acciaio Inox: A2
- **Threaded section: as per listing**  
(Ex 4,2x35/20 = thread 20)  
Parte filettata: come da listino  
(Es. 4,2x35/20 = filetto 20)

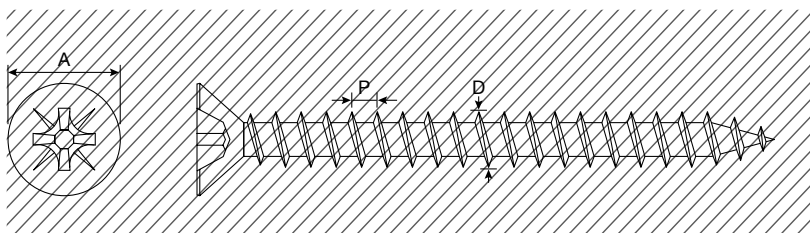
# 05057

## A2 TSP PZ



### STAINLESS STEEL CHIPBOARD SCREWS PZ FLAT HEAD

-  Viti Inox truciolari testa svasata piana PZ
-  Edelstahl-Spanplattenschrauben Flachsenkkopf PZ-Antrieb
-  Vis Inox pour panneaux d'aggloméré tête fraisée PZ
-  Tornillos de acero inoxidable para madera cabeza plana PZ
-  Шурупы из нержавеющей стали для древесно-стружечных панелей, потайная головка PZ



Diameters Diametri	Limits Limiti	A	D	P	PZ
3,0	Min.	5,60	2,75	~ 1,50	1
	Max	6,00	3,00		
3,5	Min.	6,60	3,25	~ 1,80	2
	Max	7,00	3,50		
4,0	Min.	7,50	3,75	~ 2,00	2
	Max	8,00	4,00		
4,5	Min.	8,50	4,20	~ 2,20	2
	Max	9,00	4,50		
5,0	Min.	9,50	4,70	~ 2,60	2
	Max	10,00	5,00		
6,0	Min.	11,40	5,70	~ 3,10	3
	Max	12,00	6,00		



## S.S. A2

- **Stainless steel: A2**  
Acciaio Inox: A2
- **Threaded section: as per listing**  
(Ex 5,0x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 5,0x70/60 = filetto 60)

# 05057

## A2 TSP PZ





FINISHING		PACKAGING	
SIZES MISURE			
	S.S. A2 INOX A2 € / 1.000		

3,0 x 12	27,05	500
16	29,80	500
20	31,05	500
25	38,75	500
30	54,25	500

3,5 x 16	38,75	500
20	41,30	500
25	49,15	500
30	56,80	500
35	67,20	200
40	82,60	200

4,0 x 16	43,85	500
20	46,60	500
25	51,70	500
30	56,80	500
35	64,50	200
40	72,35	200
45	90,40	200
50	105,95	200
60	185,95	100

4,5 x 20	51,70	500
25	61,95	500
30	72,35	500
35	85,30	200
40	100,65	200
45	124,00	200
50	142,10	200
60	185,95	200

FINISHING		PACKAGING	
SIZES MISURE			
	S.S. A2 INOX A2 € / 1.000		

5,0 x 20	72,35	200
25	82,60	200
30	95,55	200
35	103,40	200
40	113,60	200
45	134,25	200
50	154,90	200
60	185,95	100
70/60	232,50	100
80/60	284,00	100
90/60	322,75	100
100/60	351,20	100

6,0 x 40	188,50	200
45	217,00	200
50	232,50	200
60	278,90	100
70/60	346,10	100
80/60	413,15	100
90/60	464,80	100
100/60	516,50	100

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

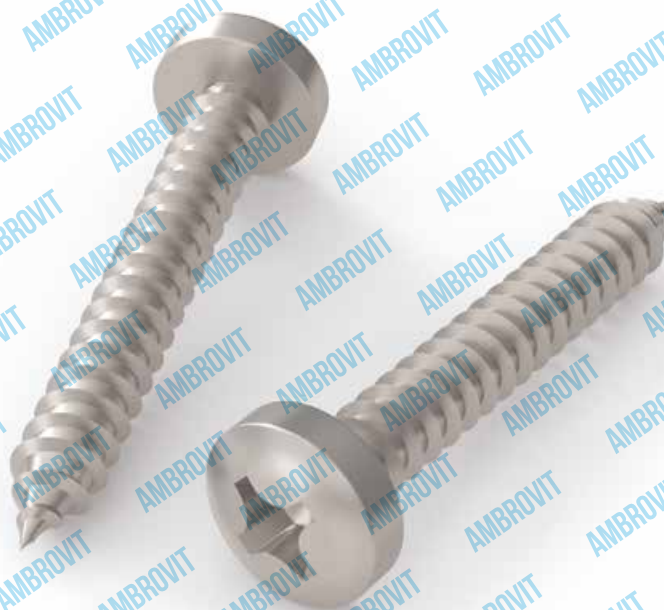
BITS

# 79817






## A2 TC PH

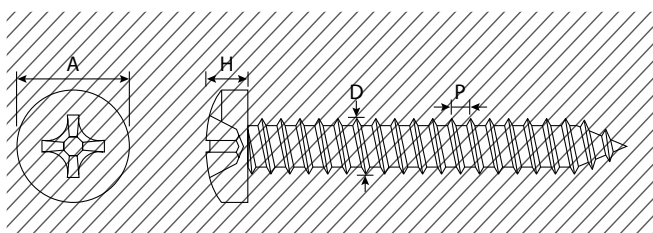


DIN 7981 • Uni 6954 • Iso 7049



### STAINLESS STEEL SELF-TAPPING SCREWS PH PAN HEAD

-  Viti Inox autofilettanti testa cilindrica PH
-  Edelstahl-Blechschauben Linsenkopf PH-Antrieb
-  Vis Inox à tôle tête cylindrique PH
-  Tornillos rosca chapa de acero inoxidable cabeza redonda PH
-  Винты из нержавеющей стали полукруглая головка PH



Diameters Diametri	Limits Limiti	A	H	D	P	PH
2,9	Min.	5,30	1,95	2,76	-1,10	1
	Max	5,60	2,20	2,90		
3,5	Min.	6,54	2,35	3,35	-1,30	2
	Max	6,90	2,60	3,53		
3,9	Min.	7,14	2,55	3,73	-1,30	2
	Max	7,50	2,80	3,91		
4,2	Min.	7,84	2,75	4,04	-1,40	2
	Max	8,20	3,05	4,22		
4,8	Min.	9,14	3,25	4,62	-1,60	2
	Max	9,50	3,55	4,80		
5,5	Min.	10,37	3,65	5,28	-1,80	3
	Max	10,80	3,95	5,46		
6,3	Min.	12,07	4,25	6,03	-1,80	3
	Max	12,50	4,55	6,25		

## S.S. A2

■ Stainless steel: A2  
Acciaio Inox: A2

# 79817

## A2 TC PH



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

FINISHING		PACKAGING	
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SIZES  
MISURES.S. A2  
INOX A2  
€/ 1.000

2,9 x 6,5	25,00	500
9,5	25,00	500
13	27,40	500
16	29,80	500
19	33,60	500
22	40,80	500
25	44,60	500
3,5 x 9,5	30,00	500
13	32,80	500
16	34,20	500
19	38,40	500
22	44,20	500
25	55,60	500
32	62,60	200
38	73,40	200
3,9 x 9,5	37,60	500
13	40,80	500
16	43,80	500
19	52,60	500
22	58,00	500
25	61,20	500
32	83,80	200
38	89,40	200
4,2 x 9,5	41,20	500
13	44,80	500
16	50,20	500
19	55,40	500
22	59,80	500
25	63,60	500
32	83,80	200
38	101,00	200

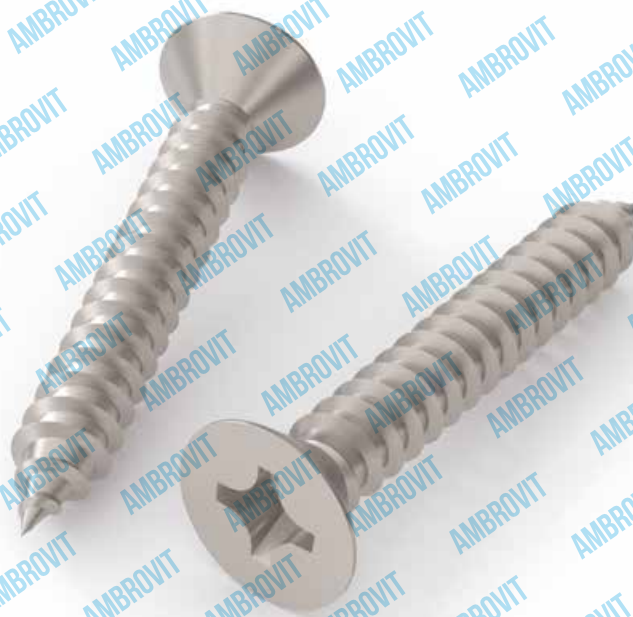
FINISHING		PACKAGING	
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SIZES  
MISURES.S. A2  
INOX A2  
€/ 1.000



4,8 x 13	67,40	500
16	74,80	500
19	80,80	200
22	89,00	200
25	92,80	200
32	104,80	200
38	127,20	200
45	172,80	200
50	191,40	200
5,5 x 13	105,80	500
16	112,80	500
19	120,60	200
22	138,00	200
25	149,60	200
32	175,60	200
38	192,00	100
45	258,60	100
50	284,40	100
60	319,00	100
6,3 x 16	137,60	200
19	159,00	200
22	172,80	200
25	191,60	200
32	222,80	100
38	246,60	100
45	312,20	100
50	351,40	100
60	387,40	100

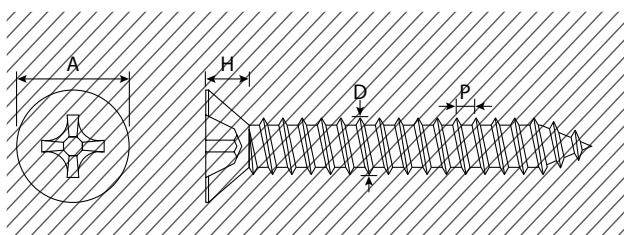
# 79827

## A2 TSP PH

**DIN 7982 • Uni 6955 • Iso 7050**

### STAINLESS STEEL SELF-TAPPING SCREWS PH FLAT HEAD

-  Viti Inox autofilettanti testa svasata piana PH
-  Edelstahl-Blechschauben Senkkopf PH-Antrieb
-  Vis Inox à tôle tête fraisée PH
-  Tornillos rosca chapa de acero inoxidable cabeza plana PH
-  Винты из нержавеющей стали плоская головка PH



Diameters Diametri	Limits Limiti	A	D	P	PH
2,9	Min.	5,20	2,76	~ 1,10	1
	Max	5,50	2,90		
3,5	Min.	6,44	3,35	~ 1,30	2
	Max	6,80	3,53		
3,9	Min.	7,14	3,73	~ 1,30	2
	Max	7,50	3,91		
4,2	Min.	7,74	4,04	~ 1,40	2
	Max	8,10	4,22		
4,8	Min.	9,14	4,62	~ 1,60	2
	Max	9,50	4,80		
5,5	Min.	10,37	5,28	~ 1,80	3
	Max	10,80	5,46		
6,3	Min.	11,97	6,03	~ 1,80	3
	Max	12,40	6,25		

## S.S. A2

■ **Stainless steel: A2**  
Acciaio Inox: A2



# 79827

## A2 TSP PH



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

FINISHING		PACKAGING	
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SIZES  
MISURES.S. A2  
INOX A2

€/ 1.000



2,9 x 9,5	25,00	500
13	27,40	500
16	29,80	500
19	33,60	500
22	40,80	500
25	44,60	500
3,5 x 9,5	30,00	500
13	32,80	500
16	34,20	500
19	38,40	500
22	44,20	500
25	55,60	500
32	62,60	200
38	73,40	200
3,9 x 9,5	37,60	500
13	40,80	500
16	43,80	500
19	52,60	500
22	58,00	500
25	61,20	500
32	83,80	200
38	89,40	200
4,2 x 13	44,80	500
16	50,20	500
19	55,40	500
22	59,80	500
25	63,60	500
32	83,80	200
38	101,00	200

FINISHING		PACKAGING	
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SIZES  
MISURES.S. A2  
INOX A2

€/ 1.000



4,8 x 13	67,40	500
16	74,80	500
19	80,80	200
22	89,00	200
25	92,80	200
32	104,80	200
38	127,20	200
45	172,80	200
50	191,40	200
5,5 x 16	112,80	500
19	120,60	200
22	138,00	200
25	149,60	200
32	175,60	200
38	192,00	100
45	258,60	100
50	284,40	100
60	319,00	100
6,3 x 19	159,00	200
22	172,80	200
25	191,60	200
32	222,80	100
38	246,60	100
45	312,20	100
50	351,40	100
60	387,40	100

# HEX LAG SCREWS

-  Tirafondi
-  Sechskant-holzschrauben
-  Tirefonds
-  Tornillos barraqueros
-  Шурупы по дереву



## **AMBROVIT®** MAIN DATA

**44,000**  
PALLETS


**3,000**  
TRAYS

**1,500**  
CLIENTS

**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS

**05710**<sub>TE</sub> / **PAGE 98**




**05710**<sub>TE</sub> / **PAGE 101**



**TG 58** HOT DIP GALVANIZED  
HDG - 40µm

**05720**<sub>TE FL</sub> / **PAGE 103**



Screws / Hex lag

# 05710

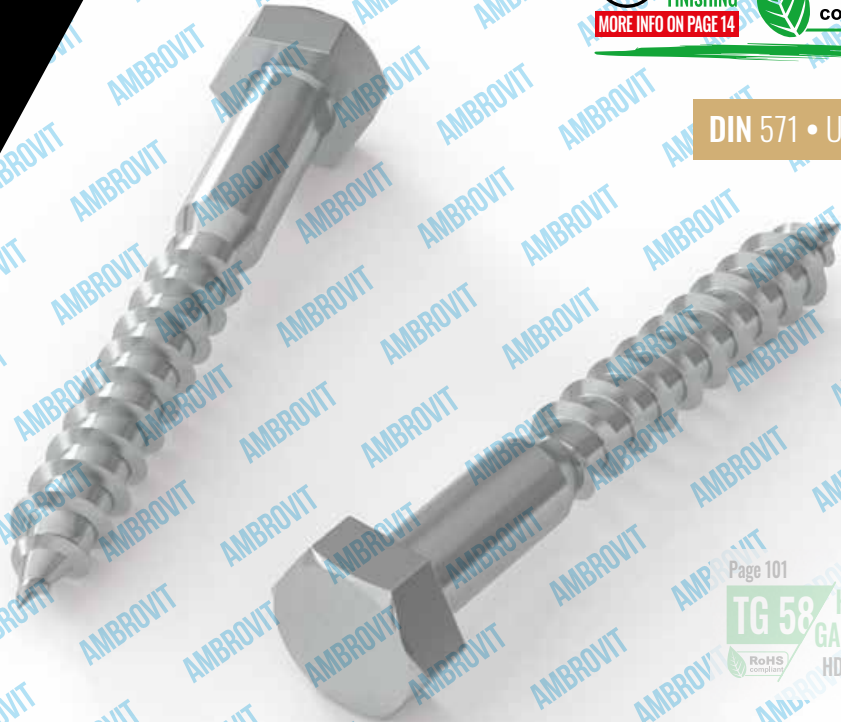
TE



ALWAYS UP-TO-DATE WITH REGULATIONS



DIN 571 • Uni 704



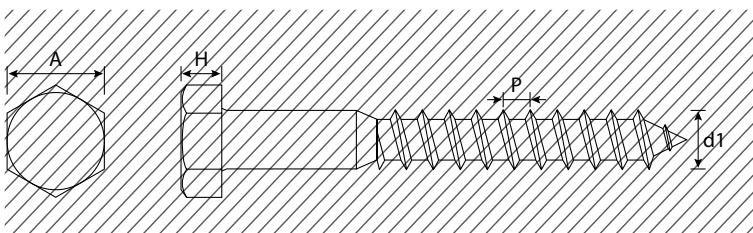
Page 101



## WOOD SCREWS HEXAGONAL HEAD



- Tirafondi testa esagonale
- Holzschrauben Sechskantkopf
- Tirefonds tête hexagonale
- Tornillos barraqueros cabeza hexagonal
- Шурупы по дереву шестигранная головка



[ambrovit.it/video](http://ambrovit.it/video)  
**TUTORIAL**



**PLAY**  
THE VIDEO

Diameters Diametri	Limits Limiti	A	H	d1	P
5,0	Min.	7,64	3,13	4,52	-2,20
	Max	8,00	3,88	5,00	
6,0	Min.	9,64	3,63	5,52	-2,60
	Max	10,00	4,38	6,00	
7,0	Min.	11,57	4,63	6,42	-3,20
	Max	12,00	5,38	7,00	
8,0	Min.	12,57	5,13	7,42	-3,60
	Max	13,00	5,88	8,00	
10,0	Min.	16,57	6,55	9,42	-4,50
	Max	17,00	7,45	10,00	
12,0	Min.	18,48	7,55	11,30	-5,00
	Max	19,00	8,45	12,00	
16,0	Min.	23,16	9,55	15,30	-6,00
	Max	24,00	10,45	16,00	

## CL. 4.8

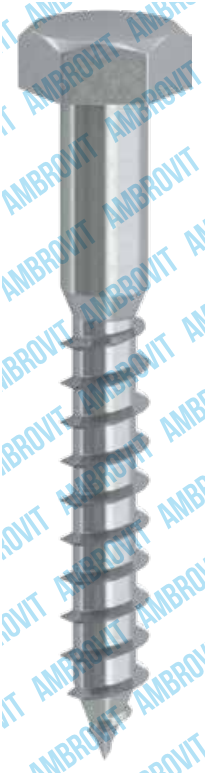
- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Class 4.8 Steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

# 05710

## TE

FINISHING		PACKAGING			
SIZES MISURE	TG 51	PACKAGING			
	BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000	24	4	100	
<b>5,0 x 20</b>	33,00	2.400 (24)	400 (4)	100	
<b>25</b>	34,00	2.400 (24)	400 (4)	100	
<b>30</b>	39,00	2.400 (24)	400 (4)	100	
<b>35</b>	44,00	2.400 (24)	400 (4)	100	
<b>40</b>	50,00	1.200 (12)	400 (4)	100	
<b>45</b>	57,00	1.200 (12)	400 (4)	100	
<b>50</b>	60,00	1.200 (12)	400 (4)	100	
<b>60</b>	69,00	1.200 (12)	400 (4)	100	
<b>6,0 x 20</b>	38,00	2.400 (24)	400 (4)	100	
<b>25</b>	41,00	2.400 (24)	400 (4)	100	
<b>30</b>	46,00	1.200 (12)	400 (4)	100	
<b>35</b>	51,00	1.200 (12)	400 (4)	100	
<b>40</b>	54,00	1.200 (12)	400 (4)	100	
<b>45</b>	60,00	1.200 (12)	400 (4)	100	
<b>50</b>	64,00	800 (8)	400 (4)	100	
<b>60</b>	74,00	800 (8)	400 (4)	100	
<b>70</b>	85,00	800 (8)	400 (4)	100	
<b>80</b>	97,00	800 (8)	400 (4)	100	
<b>90</b>	110,00	600 (6)	200 (2)	100	
<b>100</b>	121,00	600 (6)	200 (2)	100	
<b>110</b>	138,00	600 (6)	200 (2)	100	
<b>120</b>	150,00	600 (6)	200 (2)	100	
<b>130</b>	168,00	600 (6)	200 (2)	100	
<b>140</b>	180,00	600 (6)	200 (2)	100	
<b>150</b>	206,00	600 (6)	200 (2)	100	
<b>160</b>	227,00	400 (4)	200 (2)	100	
<b>180</b>	297,00	400 (4)	200 (2)	100	
<b>200/130</b>	357,00	400 (4)	200 (2)	100	
<b>7,0 x 50</b>	107,00	800 (8)	400 (4)	100	
<b>60</b>	124,00	800 (8)	400 (4)	100	
<b>70</b>	139,00	600 (6)	200 (2)	100	
<b>80</b>	154,00	600 (6)	200 (2)	100	
<b>90</b>	167,00	600 (6)	200 (2)	100	
<b>100</b>	179,00	600 (6)	200 (2)	100	
<b>110</b>	210,00	400 (4)	200 (2)	100	
<b>120</b>	225,00	400 (4)	200 (2)	100	
<b>130</b>	236,00	400 (4)	200 (2)	100	
<b>140</b>	266,00	400 (4)	200 (2)	100	
<b>150</b>	286,00	400 (4)	200 (2)	100	

FINISHING		PACKAGING			
SIZES MISURE	TG 51	PACKAGING			
	BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000	12	4	100	
<b>8,0 x 25</b>	83,00	1.200 (12)	400 (4)	100	
<b>30</b>	86,00	1.200 (12)	400 (4)	100	
<b>35</b>	96,00	1.200 (12)	400 (4)	100	
<b>40</b>	101,00	800 (8)	400 (4)	100	
<b>45</b>	110,00	800 (8)	400 (4)	100	
<b>50</b>	114,00	600 (6)	200 (2)	100	
<b>60</b>	131,00	600 (6)	200 (2)	100	
<b>70</b>	147,00	400 (4)	200 (2)	100	
<b>80</b>	165,00	400 (4)	200 (2)	100	
<b>90</b>	186,00	400 (4)	200 (2)	100	
<b>100</b>	199,00	400 (4)	200 (2)	100	
<b>110</b>	220,00	400 (4)	200 (2)	100	
<b>120</b>	235,00	400 (4)	200 (2)	100	
<b>130</b>	261,00	400 (4)	200 (2)	100	
<b>140</b>	280,00	300 (6)	100 (2)	50	
<b>150</b>	300,00	300 (6)	100 (2)	50	
<b>160</b>	327,00	300 (6)	100 (2)	50	
<b>180</b>	380,00	200 (4)	100 (2)	50	
<b>200</b>	434,00	200 (4)	100 (2)	50	
<b>220</b>	465,00	200 (4)	100 (2)	50	
<b>240</b>	536,00	200 (4)	100 (2)	50	
<b>250</b>	585,00	150 (3)	-	50	
<b>10,0 x 40</b>	182,00	600 (6)	200 (2)	100	
<b>45</b>	196,00	600 (6)	200 (2)	100	
<b>50</b>	207,00	400 (4)	200 (2)	100	
<b>60</b>	231,00	400 (4)	200 (2)	100	
<b>70</b>	251,00	200 (4)	100 (2)	50	
<b>80</b>	278,00	200 (4)	100 (2)	50	
<b>90</b>	317,00	200 (4)	100 (2)	50	
<b>100</b>	338,00	200 (4)	100 (2)	50	
<b>110</b>	369,00	200 (4)	100 (2)	50	
<b>120</b>	396,00	200 (4)	100 (2)	50	
<b>130</b>	424,00	200 (4)	100 (2)	50	
<b>140</b>	455,00	200 (4)	100 (2)	50	
<b>150</b>	480,00	200 (4)	100 (2)	50	
<b>160</b>	524,00	200 (4)	100 (2)	50	
<b>180</b>	579,00	200 (4)	100 (2)	50	
<b>200</b>	680,00	200 (4)	100 (2)	50	
<b>220</b>	763,00	200 (4)	100 (2)	50	
<b>240</b>	832,00	150 (3)	-	50	
<b>250</b>	910,00	150 (3)	-	50	
<b>260</b>	960,00	150 (3)	-	50	
<b>280</b>	1.050,00	150 (3)	-	50	
<b>300</b>	1.130,00	150 (3)	-	50	











05710




TE



## WOOD SCREWS HEXAGONAL HEAD

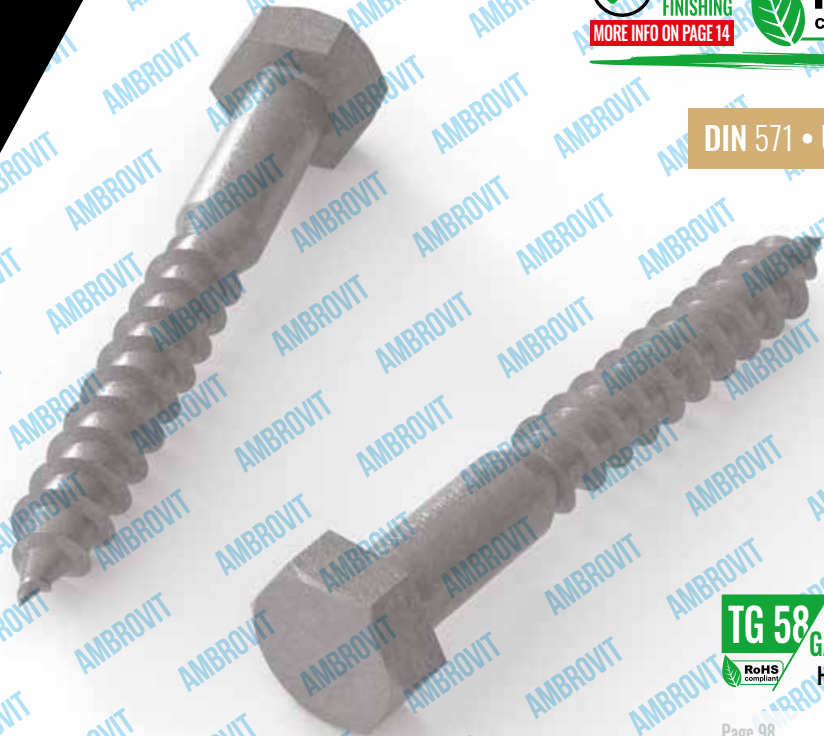
-  Tirafondi testa esagonale
-  Holzschrauben Sechskantkopf
-  Tirefonds tête hexagonale
-  Tornillos barraqueros cabeza hexagonal
-  Шурупы по дереву шестигранная головка

SIZES MISURE	FINISHING	PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000			
12,0 x 50	311,00	300 (6)	100 (2)	50
60	354,00	300 (6)	100 (2)	50
70	395,00	200 (4)	100 (2)	50
80	440,00	200 (4)	100 (2)	50
90	479,00	200 (4)	100 (2)	50
100	540,00	200 (4)	100 (2)	50
110	571,00	200 (4)	100 (2)	50
120	613,00	200 (4)	100 (2)	50
130	678,00	200 (4)	100 (2)	50
140	732,00	150 (6)	50 (2)	25
150	803,00	150 (6)	50 (2)	25
160	857,00	150 (6)	50 (2)	25
180	917,00	100 (4)	50 (2)	25
200	1.050,00	100 (4)	50 (2)	25
220	1.130,00	100 (4)	50 (2)	25
240	1.240,00	75 (3)	-	25
250	1.305,00	75 (3)	-	25
260	1.330,00	75 (3)	-	25
280	1.430,00	75 (3)	-	25
300	1.548,00	75 (3)	-	25
320	1.880,00	75 (3)	-	25
340	2.041,00	75 (3)	-	25
360	2.180,00	50 (2)	-	25
380	2.310,00	50 (2)	-	25
400	2.590,00	50 (2)	-	25

SIZES MISURE	FINISHING	PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000			
16,0 x 100	1.016,00	100 (4)	50 (2)	25
120	1.189,00	100 (4)	50 (2)	25
140	1.354,00	100 (4)	50 (2)	25
150	1.460,00	100 (4)	50 (2)	25
160	1.540,00	100 (4)	50 (2)	25
180	1.767,00	100 (4)	50 (2)	25
200	1.960,00	100 (4)	50 (2)	25
220	2.145,00	100 (4)	50 (2)	25
240	2.320,00	50 (2)	-	25
260	2.549,00	50 (2)	-	25
280	2.705,00	50 (2)	-	25
300	2.918,00	50 (2)	-	25
320	3.489,00	50 (2)	-	25
340	3.710,00	50 (2)	-	25
360	4.165,00	50 (2)	-	25
380	4.525,00	50 (2)	-	25
400	5.045,00	50 (2)	-	25

# 05710

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DIN 571 • Uni 704






TG 58 HOT DIP GALVANIZED  
HDG ~ 40µm

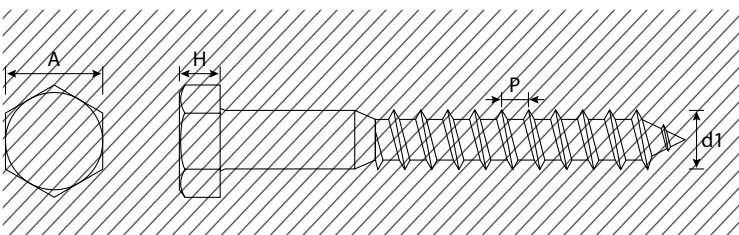
Page 98

TG 51 BASE  
Znc Cr3 3µm  
24 hr

## WOOD SCREWS HEXAGONAL HEAD



-  Tirafondi testa esagonale
-  Holzschrauben Sechskantkopf
-  Tirefonds tête hexagonale
-  Tornillos barraqueros cabeza hexagonal
-  Шурупы по дереву шестигранная головка

[ambrovit.it/video/tutorial/](https://ambrovit.it/video/tutorial/)**TUTORIAL****PLAY  
THE VIDEO**

Diameters Diametri	Limits Limiti	A	H	d1	P
6,0	Min.	9,64	3,63	5,52	-2,60
	Max.	10,00	4,38	6,00	
7,0	Min.	11,57	4,63	6,42	-3,20
	Max.	12,00	5,38	7,00	
8,0	Min.	12,57	5,13	7,42	-3,60
	Max.	13,00	5,88	8,00	
10,0	Min.	16,57	6,55	9,42	-4,50
	Max.	17,00	7,45	10,00	
12,0	Min.	18,48	7,55	11,30	-5,00
	Max.	19,00	8,45	12,00	

## CL. 4.8






- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Class 4.8 Steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>




05710




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## WOOD SCREWS HEXAGONAL HEAD

-  Tirafondi testa esagonale
-  Holzschrauben Sechskantkopf
-  Tirefonds tête hexagonale
-  Tornillos barraqueros cabeza hexagonal
-  Шурупы по дереву шестигранная головка

FINISHING		PACKAGING		
SIZES MISURE	TG 58 HOT DIP GALV. ZINCATE A CALDO €/ 1.000			
	<b>6,0 x 40</b>	76,60	1.200 (12)	400 (4)
<b>50</b>	89,90	800 (8)	400 (4)	100
<b>60</b>	104,40	800 (8)	400 (4)	100
<b>65</b>	116,80	800 (8)	400 (4)	100
<b>70</b>	119,00	800 (8)	400 (4)	100
<b>80</b>	134,20	800 (8)	400 (4)	100
<b>90</b>	148,70	600 (6)	200 (2)	100
<b>100</b>	163,50	600 (6)	200 (2)	100
<b>110</b>	173,80	600 (6)	200 (2)	100
<b>120</b>	199,50	600 (6)	200 (2)	100
<b>7,0 x 50</b>	149,80	800 (8)	400 (4)	100
<b>60</b>	167,80	800 (8)	400 (4)	100
<b>70</b>	188,40	600 (6)	200 (2)	100
<b>80</b>	209,00	600 (6)	200 (2)	100
<b>90</b>	219,60	600 (6)	200 (2)	100
<b>100</b>	242,60	600 (6)	200 (2)	100
<b>110</b>	260,20	400 (4)	200 (2)	100
<b>120</b>	291,40	400 (4)	200 (2)	100
<b>130</b>	305,60	400 (4)	200 (2)	100
<b>8,0 x 40</b>	145,50	800 (8)	400 (4)	100
<b>50</b>	166,80	600 (6)	200 (2)	100
<b>60</b>	192,60	600 (6)	200 (2)	100
<b>65</b>	213,40	600 (6)	200 (2)	100
<b>70</b>	216,40	400 (4)	200 (2)	100
<b>75</b>	240,20	400 (4)	200 (2)	100
<b>80</b>	243,00	400 (4)	200 (2)	100
<b>90</b>	269,40	400 (4)	200 (2)	100
<b>100</b>	293,40	400 (4)	200 (2)	100
<b>110</b>	319,00	400 (4)	200 (2)	100
<b>120</b>	343,70	400 (4)	200 (2)	100
<b>130</b>	364,60	400 (4)	200 (2)	100
<b>140</b>	417,00	300 (6)	100 (2)	50
<b>150</b>	454,30	300 (6)	100 (2)	50
<b>160</b>	580,00	300 (6)	100 (2)	50

FINISHING		PACKAGING		
SIZES MISURE	TG 58 HOT DIP GALV. ZINCATE A CALDO €/ 1.000			
	<b>10,0 x 40</b>	261,50	600 (6)	200 (2)
<b>50</b>	299,50	400 (4)	200 (2)	100
<b>60</b>	334,50	400 (4)	200 (2)	100
<b>65</b>	370,00	400 (4)	200 (2)	100
<b>70</b>	373,00	200 (4)	100 (2)	50
<b>80</b>	419,60	200 (4)	100 (2)	50
<b>90</b>	457,20	200 (4)	100 (2)	50
<b>100</b>	494,60	200 (4)	100 (2)	50
<b>110</b>	532,30	200 (4)	100 (2)	50
<b>120</b>	581,00	200 (4)	100 (2)	50
<b>130</b>	630,00	200 (4)	100 (2)	50
<b>140</b>	665,80	200 (4)	100 (2)	50
<b>150</b>	703,30	200 (4)	100 (2)	50
<b>160</b>	750,00	200 (4)	100 (2)	50
<b>180</b>	834,30	200 (4)	100 (2)	50
<b>200</b>	921,30	200 (4)	100 (2)	50
<b>12,0 x 50</b>	423,00	300 (6)	100 (2)	50
<b>60</b>	482,70	300 (6)	100 (2)	50
<b>70</b>	529,30	200 (4)	100 (2)	50
<b>80</b>	590,70	200 (4)	100 (2)	50
<b>90</b>	650,30	200 (4)	100 (2)	50
<b>100</b>	706,20	200 (4)	100 (2)	50
<b>110</b>	763,60	200 (4)	100 (2)	50
<b>120</b>	819,50	200 (4)	100 (2)	50
<b>130</b>	875,50	200 (4)	100 (2)	50
<b>140</b>	933,90	150 (6)	50 (2)	25
<b>150</b>	988,80	150 (6)	50 (2)	25
<b>160</b>	1.098,60	150 (6)	50 (2)	25
<b>180</b>	1.244,80	100 (4)	50 (2)	25
<b>200</b>	1.363,80	100 (4)	50 (2)	25



# 05720

TE FL



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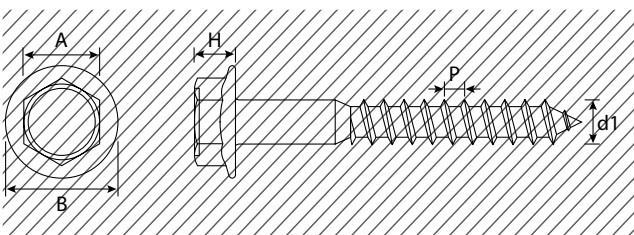


MORE INFO ON PAGE 14

RoHS  
compliant

## WOOD SCREWS HEXAGONAL HEAD WITH FLANGE

- Tirafondi testa esagonale flangiata
- Holzschrauben Sechskantkopf mit Flansch
- Tirefonds tête hexagonale à embase
- Tornillos barraqueros cabeza hexagonal con arandela estampada
- Шурупы по дереву шестигранная головка с фланцем



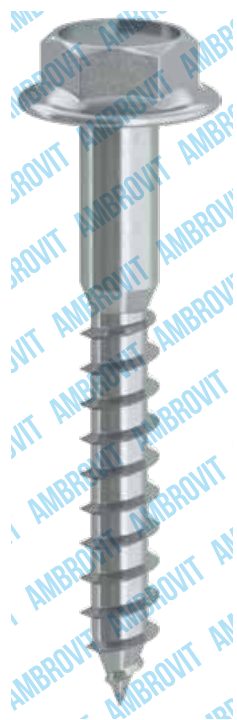
Diameters Diametri	Limits Limiti	A	B	H	d1	P
6,0	Min.	9,60	14,30	5,00	5,52	-2,60
	Max	10,00	14,80	5,50	6,00	

### CL. 4.8






- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Class 4.8 Steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

05720

TE FL



## WOOD SCREWS HEXAGONAL HEAD WITH FLANGE

-  Tirafondi testa esagonale flangiata
-  Holzschrauben Sechskantkopf mit Flansch
-  Tirefonds tête hexagonale à embase
-  Tornillos barraqueros cabeza hexagonal con arandela estampada
-  Шурупы по дереву шестигранная головка с фланцем

FINISHING		PACKAGING		
SIZES MISURE	TG 51			
	BLUE ZNC Cr3 ZINCATE Cr3			
	€/ 1.000			
6,0 x 25	75,00	1.600 (8)	800 (4)	200
30	75,50	1.600 (8)	800 (4)	200
35	78,00	1.200 (6)	400 (2)	200
40	80,50	1.200 (6)	400 (2)	200
45	86,00	1.200 (6)	400 (2)	200
50	91,50	1.200 (6)	400 (2)	200
60	101,00	800 (4)	400 (2)	200
70	116,50	600 (6)	200 (2)	100
80	138,50	600 (6)	200 (2)	100
90	157,00	600 (6)	200 (2)	100
100	161,50	600 (6)	200 (2)	100
110	166,50	400 (4)	200 (2)	100
120	189,50	400 (4)	200 (2)	100
130	215,50	400 (4)	200 (2)	100
140	253,50	400 (4)	200 (2)	100
150	267,00	400 (4)	200 (2)	100
160	412,00	400 (4)	200 (2)	100
180	491,00	400 (4)	200 (2)	100
200	560,00	400 (4)	200 (2)	100

## TRANSPARENT ELASTIC PVC WASHERS

-  Rondelle elastiche in PVC trasparente
-  Transparente Unterlegscheiben aus PVC
-  Rondelles élastiques en PVC transparente
-  Arandelas elásticas de PVC
-  Шайбы из пластикового пвх

00777

RON PVC



SIZES	PACKAGING
Ø External 14 mm - Internal 6 mm Ø Esterno 14 mm - Interno 6 mm	
€/ 1.000 29,75	100



BITS

SELF-DRILLING  
SCREWS

BLOCKFRAME  
SCREWS

CONCRETE  
SCREWS

SELF-TAPPING  
SCREWS

TRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODS

MACHINE  
SCREWS

DOME & EURO  
SCREWS

CHIPBOARD  
SCREWS

CARPENTRY WOOD  
SCREWS

DRYWALL  
SCREWS






HEX LAG  
SCREWS

STAINLESS STEEL  
SCREWS

BLIND RIVETS

SPECIAL BOX

# DRYWALL SCREWS

-  Viti per cartongesso
-  Schnellbauschrauben
-  Vis pour placoplâtre
-  Tornillos para pladur
-  Винты для гипсокартона



## **AMBROVIT®** MAIN DATA




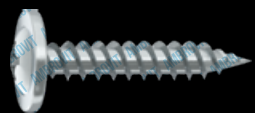
**44,000**  
PALLETS

**3,000**  
TRAYS

**1,500**  
CLIENTS

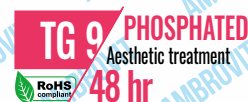
**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS

<p><b>06050</b> TTP C PH <span style="float: right;">PAGE 108</span></p> 	<p><b>06052</b> TTP PH <span style="float: right;">PAGE 109</span></p> 
<p><b>86052</b> TTP PH AUTOP <span style="float: right;">PAGE 110</span></p> 	<p><b>71380</b> TMT PH RAN <span style="float: right;">PAGE 111</span></p> 

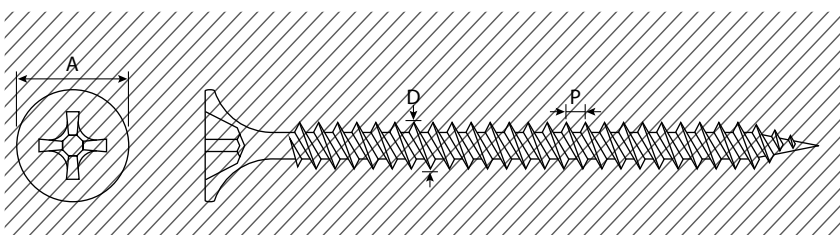
# 06050

TTP C PH



## COLLATED DRYWALL SCREWS PH BUGLE HEAD WITH NAIL POINT AND FINE THREAD

- Viti per cartongesso nastrate testa a trombeta PH punta a chiodo passo fine
- Magazinerte Schnellbauschrauben Trompetenkopf PH-Antrieb mit Nagelspitze Feingewinge
- Vis pour placoplâtre en bande tête trompette PH avec pointe à clou et filet fin
- Tornillos para pladur en cinta con cabeza trompeta PH punta aguda de rosca fina
- Винты для гипсокартона на ремень потайная головка PH острый наконечник, частый шаг



Diameters Diametri	Limits Limiti	A	D	P	PH
3,5	Min.	8,00	3,40	-1,41	2
	Max	8,40	3,60		



## PLAY THE VIDEO

## C1022

- Carbon steel: C1022** Acciaio temperato: C1022
- Case hardness: HV 500-700** Durezza superficiale: HV 500-700
- Core hardness: HV 300-420** Durezza a cuore: HV 300-420

FINISHING		PACKAGING	
SIZES MISURE			
	TG 9 PHOSPHATED FOSFATATE €/1.000		
3,5 x 25	27,00	10.000 (10)	1.000 (20 belts x 50 pcs)
35	31,00	10.000 (10)	1.000 (20 belts x 50 pcs)
45	37,00	8.000 (8)	1.000 (20 belts x 50 pcs)
55	41,00	8.000 (8)	1.000 (20 belts x 50 pcs)

# 06052

TTP PH

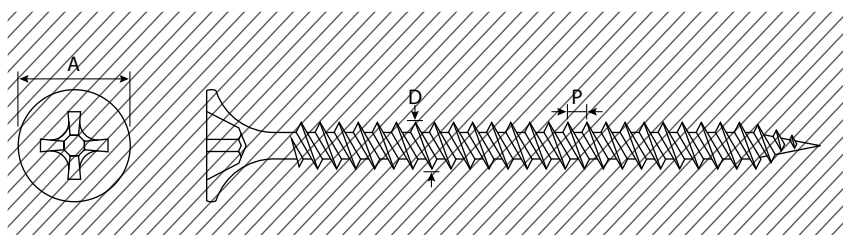


BIT PH

## DRYWALL SCREWS PH BUGLE HEAD WITH NAIL POINT AND FINE THREAD



- Viti per cartongesso testa a trombeta PH punta a chiodo passo fine
- Schnellbauschrauben Trompetenkopf PH-Antrieb mit Nagelspitze Feingewinge
- Vis pour placoplâtre tête trompette PH avec pointe à clou et filet fin
- Tornillos para pladur cabeza trompeta PH punta aguda de rosca fina
- Винты для гипсокартона потайная головка PH острый наконечник, частый шаг



Diameters Diametri	Limits Limiti	A	D	P	PH
3,5	Min.	8,00	3,40	~ 1,41	2
	Max.	8,40	3,60		
4,2	Min.	8,00	4,10	~ 1,69	2
	Max.	8,40	4,30		

## C1022

- Carbon steel: C1022**  
Acciaio temperato: C1022
- Case hardness: HV 500-700**  
Durezza superficiale: HV 500-700
- Core hardness: HV 300-420**  
Durezza a cuore: HV 300-420
- Threaded section: as per listing**  
(Ex 4,2x70/45 = thread 45)  
Parte filettata: come da listino  
(Es. 4,2x70/45 = filetto 45)

### FINISHING

### PACKAGING

#### SIZES MISURE

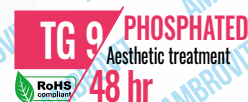
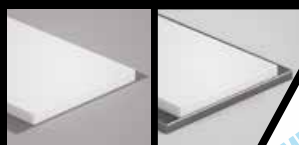
TG 9  
PHOSPHATED  
FOSFATATE  
€ / 1.000

3,5 x 25	13,40	6.000 (6)	2.000 (2)	1.000
35	17,15	6.000 (6)	2.000 (2)	1.000
45	21,85	4.000 (4)	2.000 (2)	1.000
55	26,95	2.000 (4)	1.000 (2)	500
4,2 x 70/45	58,00	800 (4)	400 (2)	200
75/45	63,80	800 (4)	400 (2)	200

**TG 9** PHOSPHATED  
Aesthetic treatment  
48 hr  
RoHS compliant

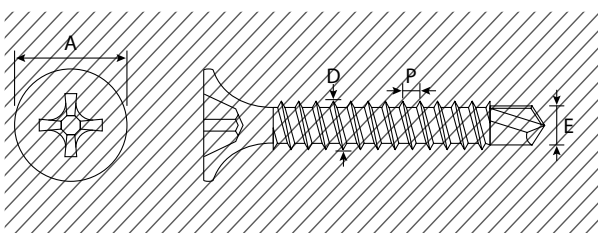
# 86052

## TTP PH AUTOP



### DRYWALL SCREWS PH BUGLE HEAD WITH DRILLING POINT

- Viti per cartongesso testa a trombeta PH autopercorante
- Schnellbauschrauben Trompetenkopf PH-Antrieb mit Bohrspitze
- Vis pour placoplâtre tête trompette PH autopercuse
- Tornillos para pladur cabeza trompeta PH punta de broca
- Винты для гипсокартона потайная плоская головка PH наконечник сверло



Diameters Diametri	Limits Limiti	A	D	E	P	PH
3,5	Min.	8,00	3,40	2,75	- 1,27	2
	Max.	8,40	3,60	2,85		



## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 530 Min**  
Durezza superficiale: HV 530 Min
- **Core hardness: HV 320-400**  
Durezza a cuore: HV 320-400

#### FINISHING

#### PACKAGING

SIZES  
MISURE



TG 9  
PHOSPHATED  
FOSFATE  
€ / 1.000

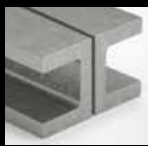


3,5 x 25	24,10	6.000 (6)	2.000 (2)	1.000
35	29,30	6.000 (6)	2.000 (2)	1.000
45	34,80	4.000 (4)	2.000 (2)	1.000
55	44,55	2.000 (4)	1.000 (2)	500



# 71380

## TMT PH RAN



ALWAYS UP-TO-DATE WITH REGULATIONS

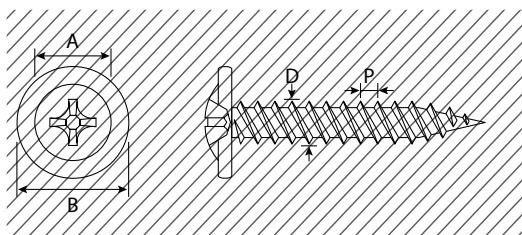


MORE INFO ON PAGE 14

**TG 51** BASE  
Znc Cr3 3µm  
24 hr  
RoHS compliant

### DRYWALL SCREWS PH WAFER HEAD WITH TWIN THREAD

- 🇮🇹 Viti per cartongesso testa mezza tonda ranellata PH 2 principi
- 🇩🇪 Schnellbauschrauben Halbrundkopf mit angepresster Scheibe PH-Antrieb und zwei Anfänge
- 🇫🇷 Vis pour placoplâtre tête ronde PH deux principes
- 🇪🇸 Tornillos para pladur cabeza abombada+arandela PH rosca 2 principios
- 🇷🇺 Винты для гипсокартона полусферическая головка с прессшайбой PH, двухзаходная резьба



Diameters Diametri	Limits Limiti	A	B	D	P	PH
4,2	Min.	7,30	10,80	4,10	~ 1,69	2
	Max	7,70	11,20	4,30		



### C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 550-800**  
Durezza superficiale: HV 550-800
- **Core hardness: HV 270-450**  
Durezza a cuore: HV 270-450






#### FINISHING

#### PACKAGING

SIZES  
MISURE

4,2 x 13	20,10	8.000 (8)	4.000 (4)	1.000
16	22,65	6.000 (6)	2.000 (2)	1.000
19	25,10	6.000 (6)	2.000 (2)	1.000
25	30,40	4.000 (4)	2.000 (2)	1.000

# CARPENTRY WOOD SCREWS

-  Viti per carpenteria in legno
-  Holzbauschrauben
-  Vis pour charpente
-  Tornillos para carpintería de madera
-  Винты для деревянных конструкций



## **AMBROVIT®** MAIN DATA

**44,000**  
PALLETS

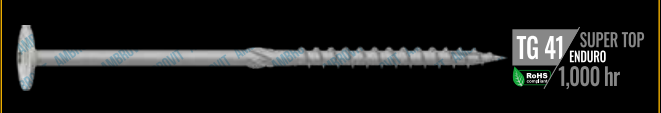
**3,000**  
TRAYS

**1,500**  
CLIENTS

**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS

**67052** SUPER TMT TX RAN DR PAGE 115



**67052** SUPER TMT TX RAN DR PAGE 144



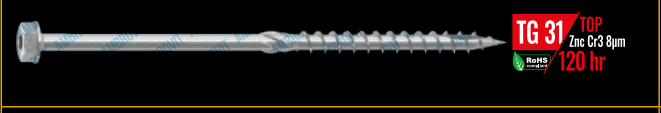
**87052** SUPER TSP TX DR PAGE 126



**87052** SUPER TSP TX DR PAGE 146



**04364** TC TER TX PAGE 119



**97052** SUPER TE TX RAN DR PAGE 129



**97052** SUPER TE TX RAN DR PAGE 150



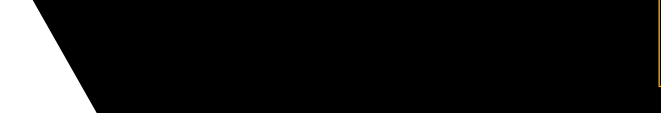
**57062** TC TX/C PAGE 131



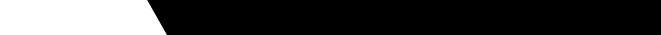
**76352** TC TX FT NEW PRODUCT PAGE 134



**87352** TSP TX FT PAGE 136



**67053** TMT TX/C PAGE 138



**67052** SUPER TMT TX RAN DR PAGE 124



**87052** SUPER TSP TX DR PAGE 117



**87052** SUPER TSP TX DR PAGE 146



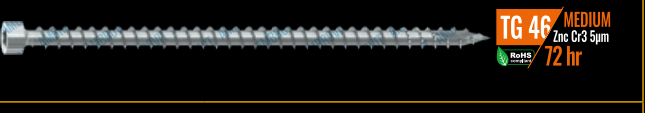
**05364** TSP/SM TX DR PAGE 121



**97052** SUPER TE TX RAN DR PAGE 150



**76352** TC TX FT NEW PRODUCT PAGE 134



**67053** TMT TX/C PAGE 138



**76552** SUPER TC TX PAGE 141



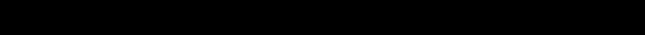
**04354** TSPG/SM PAGE 152



**04354** TSPG/SM PAGE 155



**05452** TSP TX/S PAGE 157



# 1,000 Hr

## SUPER TOP ENDURO SUP TOP NANO

### SPECIAL TREATMENTS

#### Trattamenti speciali

The properties of these special non-organic three layered coatings guarantee corrosion resistance, as well as very high performance also in the most aggressive environments. These finishes are certified and guaranteed by Ambrovit for resistance up to 1,000 hours (according to ISO 9227 regulation), satisfying the specifications required by ISO 9223, reaching Class C4.

The different colour variants available in the catalogue give the product a unique characteristic, which makes it suitable for being used in different types of wood, with an excellent aesthetic result.

Le proprietà di questi speciali rivestimenti tristrato, non organici, garantiscono resistenze alla corrosione negli ambienti più aggressivi nonché prestazioni molto elevate.

Queste finiture sono certificate e garantite da Ambrovit per resistenza fino a 1.000 ore (in accordo a normativa ISO 9227) e soddisfano inoltre le specifiche richieste dalla normativa ISO 9223 raggiungendo la Classe C4.

Le differenti varianti di colore disponibili a catalogo conferiscono al prodotto una caratteristica unica prestandosi per utilizzi nelle differenti tipologie di legno, integrandosi nello stesso con una resa estetica eccellente.

Hr ↑

1,000/ TG 41  
SUPER TOP ENDURO

**Class C4**  
according to  
ISO 9223

TG 42 - TG 50 - TG 54  
TG 55 - TG 56  
SUPER TOP NANO

120/ TG 31  
TOP - ZNC Cr3 8µm

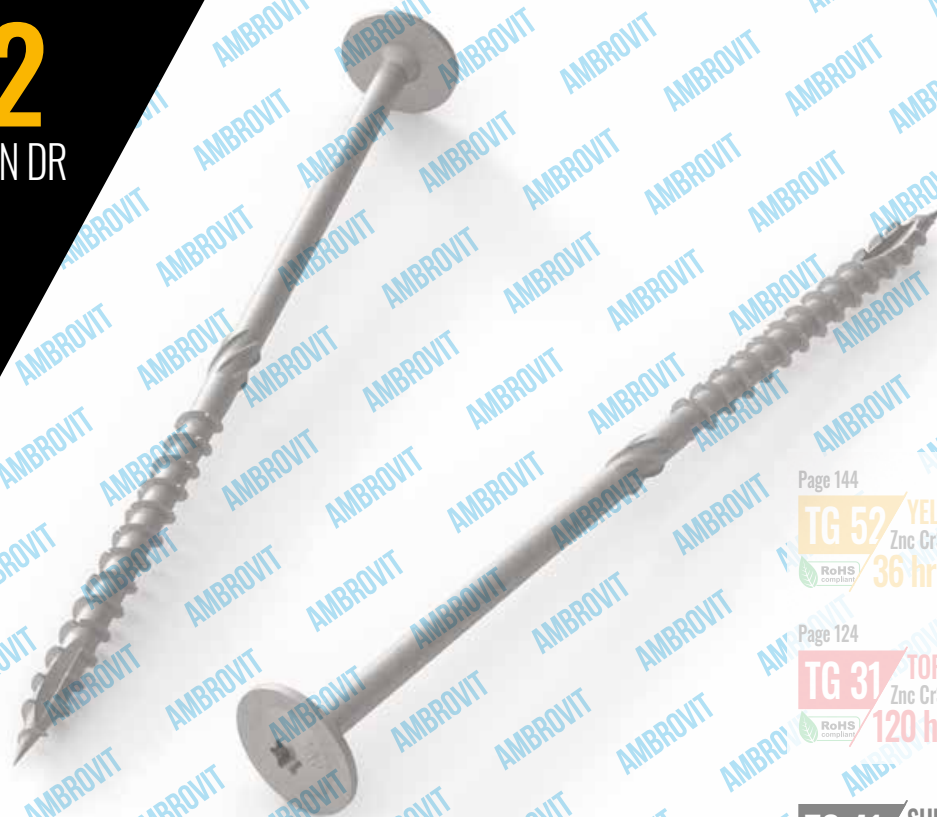
72/ TG 46  
MEDIUM - ZNC Cr3 5µm

36/ TG 52  
YELLOW - ZNC Cr3 3µm

24/ TG 51  
BASE - ZNC Cr3 3µm

# 67052

## SUPER TMT TX RAN DR



Page 144

**TG 52** YELLOW  
Znc Cr3 3µm  
36 hr

Page 124

**TG 31** TOP  
Znc Cr3 8µm  
120 hr

**TG 41** SUPER TOP  
ENDURO  
1,000 hr



16/0381

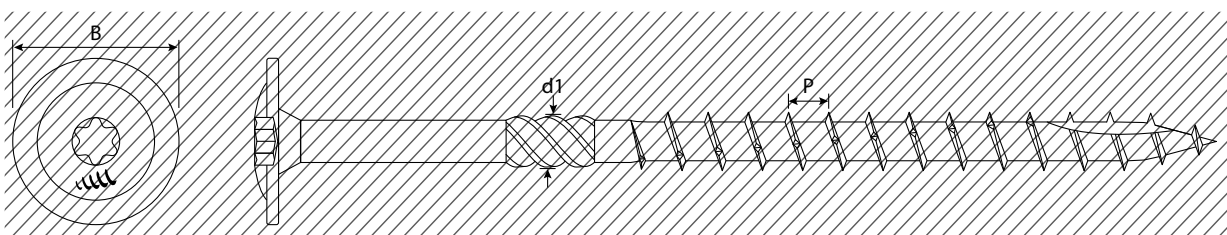


EN 14592



### CARPENTRY WOOD SCREWS TX WAFER HEAD WITH SERRATION AND TYPE 17

- Viti per carpenteria in legno TMT ranellata TX super svasante autop perforante
- Holzbauschrauben Tellerkopf TX-Antrieb Schafffräser Cut-Spitze
- Vis pour charpente tête disque TX et type 17
- Tornillos para carpintería cabeza ancha TX punta type 17
- Шурупы для деревянных конструкций полукруглая головка с прессшайбой и с насечками для раззенковки, шлиц TX, тип 17



ambrovit.it/video  
**TUTORIAL**



**PLAY**  
THE VIDEO

Diameters Diametri	Limits Limiti	B	d1	P	TX
6,0	Min.	13,50	4,80	- 4,50	T30
	Max.	14,50	5,30		
8,0	Min.	22,00	6,80	- 5,50	T40
	Max.	23,50	7,20		

## C10B21






- **Carbon steel: C10B21**  
Acciaio temperato: C10B21
- **Case hardness: HV 420-500**  
Durezza superficiale: HV 420-500
- **Core hardness: HV 300-390**  
Durezza a cuore: HV 300-390
- **Threaded section: as per listing**  
(Ex 6,0x200/70 = thread 70)  
Parte filettata: come da listino  
(Es. 6,0x200/70 = filetto 70)


# 67052

## SUPER TMT TX RAN DR



### CARPENTRY WOOD SCREWS TX WAFER HEAD WITH SERRATION AND TYPE 17

-  Viti per carpenteria in legno TMT ranellata TX super svasante autop perforante
-  Holzbauschrauben Tellerkopf TX-Antrieb Schafffräser Cut-Spitze
-  Vis pour charpente tête disque TX et type 17
-  Tornillos para carpintería cabeza ancha TX punta type 17
-  Шурупы для деревянных конструкций полукруглая головка с прессшайбой и с насечками для раззенковки, шлиц TX, тип 17

FINISHING		PACKAGING		
SIZES MISURE	TX	TG 41 ENDURO ENDURO €/1.000		
<b>6,0 x 80/50</b>	T30	220,00	2.400 (12)	200
<b>100/50</b>	T30	280,00	1.200 (12)	100
<b>120/50</b>	T30	328,00	1.200 (12)	100
<b>140/70</b>	T30	460,00	1.200 (12)	100
<b>160/70</b>	T30	530,00	600 (6)	100
<b>180/70</b>	T30	670,00	600 (6)	100
<b>200/70</b>	T30	820,00	600 (6)	100
<b>220/70</b>	T30	1.050,00	600 (6)	100
<b>240/70</b>	T30	1.180,00	600 (6)	100
<b>260/70</b>	T30	1.300,00	400 (4)	100
<b>280/70</b>	T30	1.500,00	400 (4)	100
<b>300/70</b>	T30	1.700,00	400 (4)	100
<b>8,0 x 80/50</b>	T40	410,00	700 (14)	50
<b>100/50</b>	T40	495,00	700 (14)	50
<b>120/50</b>	T40	630,00	600 (12)	50
<b>140/80</b>	T40	750,00	600 (12)	50
<b>160/80</b>	T40	910,00	600 (12)	50
<b>180/80</b>	T40	1.100,00	300 (6)	50
<b>200/80</b>	T40	1.300,00	300 (6)	50
<b>220/80</b>	T40	1.500,00	300 (6)	50
<b>240/80</b>	T40	1.780,00	300 (6)	50
<b>260/80</b>	T40	2.150,00	200 (4)	50
<b>280/80</b>	T40	2.350,00	200 (4)	50
<b>300/80</b>	T40	2.600,00	200 (4)	50
<b>320/80</b>	T40	2.750,00	200 (4)	50
<b>340/80</b>	T40	3.290,00	200 (4)	50
<b>360/80</b>	T40	3.750,00	200 (4)	50
<b>380/80</b>	T40	4.100,00	200 (4)	50
<b>400/80</b>	T40	4.600,00	200 (4)	50

# 87052

## SUPER TSP TX DR



BIT TX



### CARPENTRY WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17

- Viti per carpenteria in legno TSP TX super svasante autopercorante
- Holzbauschrauben Flachsenkopf TX-Antrieb Fräsrippen Schafffräser Cut-Spitze
- Vis pour charpente tête fraisée crantée TX et type 17
- Tornillos para carpintería cabeza plana estriada TX punta type 17
- Шурупы для деревянных конструкций плоская потайная головка с насечками для раззенковки и ребрами, шлиц TX, тип 17



16/0381



EN 14592



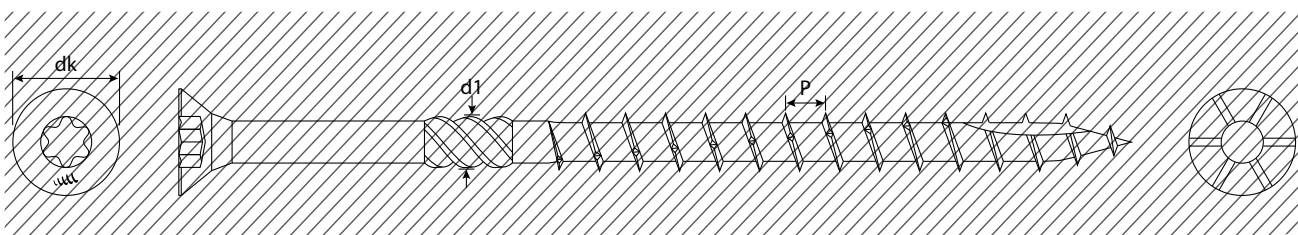
Page 146

**TG 52** YELLOW  
Znc Cr3 3µm  
36 hr

Page 126

**TG 31** TOP  
Znc Cr3 8µm  
120 hr

**TG 41** SUPER TOP  
ENDURO  
1,000 hr



# PLAY

## THE VIDEO

Diameters Diametri	Limits Limiti	dk	d1	P	TX
4,5	Min.	8,50	3,70	- 2,80	T25
	Max.	9,00	4,00		
5,0	Min.	9,64	3,70	- 3,20	T25
	Max.	10,00	4,40		
6,0	Min.	11,50	4,80	- 4,70	T30
	Max.	12,10	5,20		
8,0	Min.	14,30	6,80	- 5,50	T40
	Max.	15,00	7,20		

## C10B21






- **Carbon steel: C10B21**  
Acciaio temperato: C10B21
- **Case hardness: HV 420-500**  
Durezza superficiale: HV 420-500
- **Core hardness: HV 300-390**  
Durezza a cuore: HV 300-390
- **Threaded section: as per listing**  
(Ex 6,0x70/42 = thread 42)  
Parte filettata: come da listino  
(Es. 6,0x70/42 = filetto 42)

# 87052

## SUPER TSP TX DR



### CARPENTRY WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17

-  Viti per carpenteria in legno TSP TX super svasante auto perforante
-  Holzbauschrauben Flachsensenkopf TX-Antrieb Fräsrippen Schaftfräser Cut-Spitze
-  Vis pour charpente tête fraisée crantée TX et type 17
-  Tornillos para carpintería cabeza plana estriada TX punta type 17
-  Шурупы для деревянных конструкций плоская потайная головка с насечками для раззенковки и ребрами, шлиц TX, тип 17

		FINISHING		PACKAGING	
SIZES MISURE	TX	TG 41 ENDURO ENDURO €/ 1.000			
<b>NEW</b>	<b>4,5 x 40/24</b>	T25	59,00	2.400 (12)	200
<b>NEW</b>	<b>45/27</b>	T25	63,00	2.400 (12)	200
<b>NEW</b>	<b>50/30</b>	T25	70,00	2.400 (12)	200
<b>NEW</b>	<b>60/35</b>	T25	82,00	2.400 (12)	200
<b>NEW</b>	<b>70/42</b>	T25	100,00	1.600 (8)	200
<b>NEW</b>	<b>80/50</b>	T25	125,00	1.600 (8)	200
<b>NEW</b>	<b>5,0 x 40/24</b>	T25	66,00	2.400 (12)	200
<b>NEW</b>	<b>45/27</b>	T25	71,00	2.400 (12)	200
<b>NEW</b>	<b>50/30</b>	T25	77,00	2.400 (12)	200
<b>NEW</b>	<b>60/35</b>	T25	92,00	1.600 (8)	200
<b>NEW</b>	<b>70/42</b>	T25	105,00	1.600 (8)	200
<b>NEW</b>	<b>80/50</b>	T25	130,00	1.600 (8)	200
<b>NEW</b>	<b>90/50</b>	T25	160,00	1.200 (12)	100
<b>NEW</b>	<b>100/50</b>	T25	184,00	1.200 (12)	100
<b>NEW</b>	<b>120/70</b>	T25	270,00	600 (6)	100
	<b>6,0 x 70/42</b>	T30	165,00	1.200 (6)	200
	<b>80/50</b>	T30	187,00	1.200 (6)	200
	<b>90/50</b>	T30	220,00	1.000 (10)	100
	<b>100/50</b>	T30	242,00	800 (8)	100
	<b>120/70</b>	T30	302,00	600 (6)	100
	<b>140/70</b>	T30	357,00	600 (6)	100
	<b>160/70</b>	T30	456,00	600 (6)	100
	<b>180/70</b>	T30	620,00	400 (4)	100
	<b>200/70</b>	T30	770,00	400 (4)	100
	<b>220/70</b>	T30	938,00	600 (6)	100
	<b>240/70</b>	T30	1.040,00	600 (6)	100
	<b>260/70</b>	T30	1.220,00	400 (4)	100
	<b>280/70</b>	T30	1.410,00	400 (4)	100
	<b>300/70</b>	T30	1.550,00	400 (4)	100

		FINISHING		PACKAGING	
SIZES MISURE	TX	TG 41 ENDURO ENDURO €/ 1.000			
<b>8,0 x 80/50</b>	T40	335,00	1.400 (14)	100	
<b>100/50</b>	T40	420,00	1.400 (14)	100	
<b>120/80</b>	T40	530,00	1.200 (12)	100	
<b>140/80</b>	T40	675,00	1.000 (10)	100	
<b>160/80</b>	T40	840,00	700 (7)	100	
<b>180/80</b>	T40	1.000,00	600 (6)	100	
<b>200/80</b>	T40	1.200,00	600 (6)	100	
<b>220/80</b>	T40	1.410,00	500 (5)	100	
<b>240/80</b>	T40	1.700,00	500 (5)	100	
<b>260/80</b>	T40	1.900,00	400 (4)	100	
<b>280/80</b>	T40	2.100,00	400 (4)	100	
<b>300/80</b>	T40	2.500,00	400 (4)	100	
<b>320/80</b>	T40	2.750,00	200 (4)	50	
<b>340/80</b>	T40	3.000,00	200 (4)	50	
<b>360/80</b>	T40	3.250,00	200 (4)	50	
<b>380/80</b>	T40	3.800,00	200 (4)	50	
<b>400/80</b>	T40	4.100,00	200 (4)	50	



**04364**

TC TER TX



**TG 42** SUPER TOP  
NANO GOLDEN  
1,000 hr  
RoHS compliant

**TG 50** SUPER TOP  
NANO BROWN  
1,000 hr  
RoHS compliant

**TG 54** SUPER TOP  
NANO GREEN  
1,000 hr  
RoHS compliant

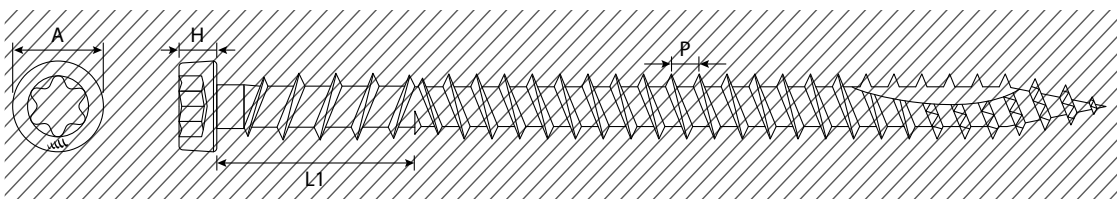
**TG 55** SUPER TOP  
NANO TAN  
1,000 hr  
RoHS compliant

**TG 56** SUPER TOP  
NANO GREY  
1,000 hr  
RoHS compliant



## CARPENTRY WOOD TERRACE SCREWS TX TRIM CONICAL HEAD, TWO THREADS - INVERTED UNDERHEAD AND TRILOBULAR - AND TOOTHED POINT TYPE 17

- Viti per terrazze testa conica a scomparsa TX a due filetti - inverso sotto testa e trilobato - punta super svasante dentellata
- Terrassenbauschrauben Kegelkopf TX-Antrieb mit Doppelgewinde - Umkehrgewinde unter Kopf und Trilobulargewinde - mit gezahnten Cut-Spitze
- Vis pour terrasses tête conique effet escamotable TX double filetage - inversé s/tête et trilobulaire - et pointe type 17 dentelée
- Tornillos para terrazas cabeza cónica de ocultamiento TX doble rosca - inversa bajo cabeza y trilobular - y punta type 17 dentada
- Шурупы для террас небольшая трапецидальная головка, обратная резьба под головкой и треугольная резьба, шлиц TX, зубчатый наконечник тип 17



[ambrovit.it/video/tutorial/](https://ambrovit.it/video/tutorial/)



Diameters	Limits	A	H	L1	P	TX
5,0	Min.	6,70	2,70	14,00	~ 2,10	T20
	Max.	7,00	3,00	16,00		

**C1022**

■ Carbon steel: C1022  
Acciaio temperato: C1022
















**PLAY**  
THE VIDEO

# 04364

## TC TER TX

### CARPENTRY WOOD TERRACE SCREWS TX TRIM CONICAL HEAD, TWO THREADS - INVERTED UNDERHEAD AND TRILOBULAR - AND TOOTHED POINT TYPE 17

-  Viti per terrazze testa conica a scomparsa TX a due filetti - inverso sotto testa e trilobato - punta super svasante dentellata
-  Terrassenbauschrauben Kegelkopf TX-Antrieb mit Doppelgewinde - Umkehrgewinde unter Kopf und Trilobulargewinde - mit gezahnten Cut-Spitze
-  Vis pour terrasses tête conique effet escamotable TX double filetage - inversé s/tête et trilobulaire - et pointe type 17 dentelée
-  Tornillos para terrazas cabeza cónica de ocultamiento TX doble rosca - inversa bajo cabeza y trilobular - y punta type 17 dentada
-  Шурупы для террас небольшая трапецидальная головка, обратная резьба под головкой и треугольная резьба, шлиц TX, зубчатый наконечник тип 17

		FINISHING					PACKAGING		
SIZES MISURE	TX	 TG 50 NANO BROWN MARRONE	 TG 55 NANO TAN SABBIA	 TG 42 NANO GOLDEN ORO	 TG 54 NANO GREEN VERDE	 TG 56 NANO GREY GRIGIO			
		€/1.000	€/1.000	€/1.000	€/1.000	€/1.000			
5,0 x 40	T20	93,00	93,00	93,00	93,00	93,00	2.400 (12)	800 (4)	200
50	T20	105,00	105,00	105,00	105,00	105,00	2.400 (12)	800 (4)	200
60	T20	118,00	118,00	118,00	118,00	118,00	2.400 (12)	800 (4)	200
70	T20	142,00	142,00	142,00	142,00	142,00	1.200 (12)	400 (4)	100
80	T20	176,00	176,00	176,00	176,00	176,00	1.200 (12)	400 (4)	100

# 05364

TSP/SM TX DR



BIT TX



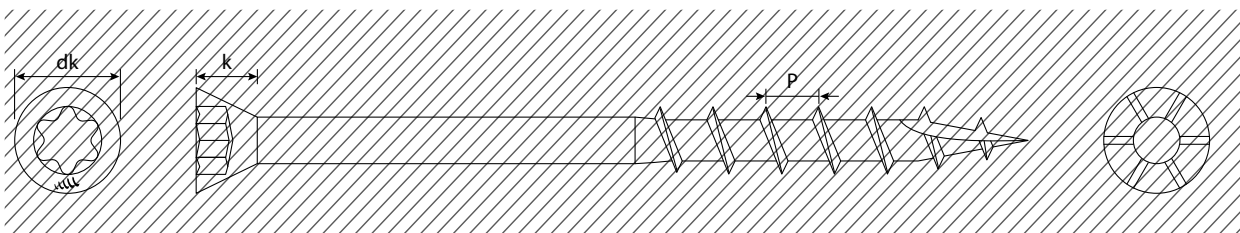
**TG 42** SUPER TOP  
NANO GOLDEN  
1,000 hr

RoHS Compliant



## CARPENTRY WOOD TERRACE SCREWS TX SMALL FLAT HEAD 60° W/RIBS UNDER HEAD TYPE 17

- Viti per terrazze TSP ridotta 60° TX con alette svasanti autoperforanti
- Terrassenbauschrauben kleiner Senkkopf 60° TX-Antrieb Fräsrippen und Cut-Spitze
- Vis pour terrasses tête réduite 60° crantée TX et type 17
- Tornillos para terrazas cabeza plana reducida estriada 60° TX punta type 17
- Шурупы для террас уменьшенная головка 60° с ребрами, шлиц TX, тип 17



Diameters Diametri	Limits Limiti	dk	k	P	TX
4,2	Min. 6,70 Max 7,30	~ 4,00	~ 3,50	T20	

## C1022






- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: Min. HV 450**  
Durezza superficiale: Min. HV 450
- **Core hardness: HV 250-440**  
Durezza a cuore: HV 250-440
- **Threaded section: as per listing**  
(Ex 4,2x35/20 = thread 20)  
Parte filettata: come da listino  
(Es. 4,2x35/20 = filetto 20)





# 05364

## TSP/SM TX DR



### CARPENTRY WOOD TERRACE SCREWS TX SMALL FLAT HEAD 60° W/RIBS UNDER HEAD TYPE 17

-  Viti per terrazze TSP ridotta 60° TX con alette svasanti autopercoranti
-  Terrassenbauschrauben kleiner Senkkopf 60° TX-Antrieb Fräsrippen und Cut-Spitze
-  Vis pour terrasses tête réduite 60° crantée TX et type 17
-  Tornillos para terrazas cabeza plana reducida estriada 60° TX punta type 17
-  Шурупы для террас уменьшенная головка 60° с ребрами, шлиц TX, тип 17

FINISHING		PACKAGING			
SIZES MISURE	TX				
		TG 42 NANO GOLDEN ORO € / 1.000			
4,2 x 35/20	T20	39,00	4.000 (8)	2.000 (4)	500
45/25	T20	47,00	4.000 (8)	2.000 (4)	500
55/26	T20	57,00	2.400 (12)	800 (4)	200
65/33	T20	67,00	2.400 (12)	800 (4)	200
75/40	T20	78,00	2.400 (12)	800 (4)	200

NEW

# 120 Hr

## Znc Cr3 8µm

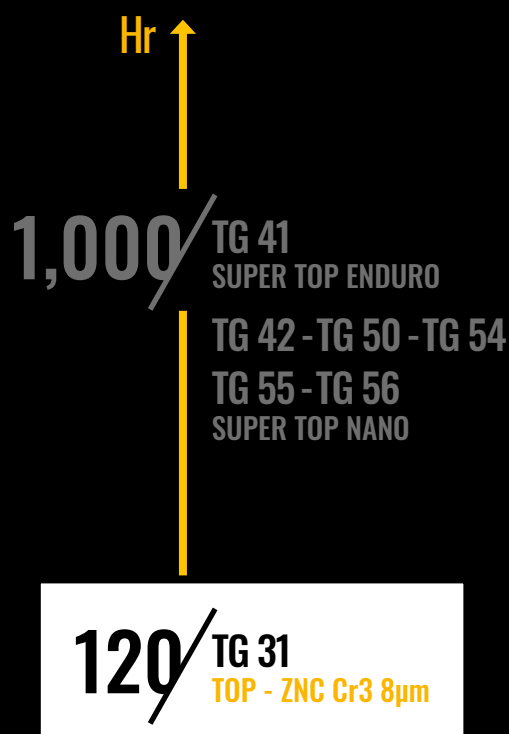
### GALVANIC ZINC COATINGS

#### Trattamenti galvanici di zincatura

There are three types of Cr3 galvanic treatments in the carpentry wood section, which differ in terms of strength and micron thickness. They are suitable for uses in urban and industrial environments, with moderate sulphur dioxide pollution as well as in coastal areas, with moderate salinity.

These treatments follow the European Community Directive RoHS 2011/65/EC "RoHS" (Restriction of Hazardous Substances Directive) and comply with the norms about the use of dangerous substances in electrical and electronic equipment (EEE), in order to contribute to their proper recycling and disposal.

Tre le tipologie di Zincatura Cr3 presenti nella sezione carpenteria, che differiscono tra loro in termini di resistenza e spessore in micron. Idonee ad utilizzi in ambienti urbani ed industriali con modesto inquinamento di anidride solforosa ed in zone costiere con moderata salinità. Questi trattamenti sono da tempo allineati alla Direttiva Comunitaria Europea RoHS 2011/65/CE "RoHS" (Restriction of Hazardous Substances Directive) e conformi alle norme riguardanti l'uso di sostanze nocive, quindi pericolose, nelle apparecchiature elettriche ed elettroniche (AEE), al fine di contribuire al loro corretto recupero e smaltimento.



Screws / Carpentry wood

# 67052

## SUPER TMT TX RAN DR



BIT TX

**8µm** Top quality performance  
**120 hr** Prestazioni di altissima qualità

ALWAYS UP-TO-DATE WITH REGULATIONS



Page 144

**TG 52** YELLOW  
Znc Cr3 3µm  
**36 hr**

**TG 31** TOP  
Znc Cr3 8µm  
**120 hr**

Page 115

**TG 41** SUPER TOP  
ENDURO  
**1,000 hr**



16/0381

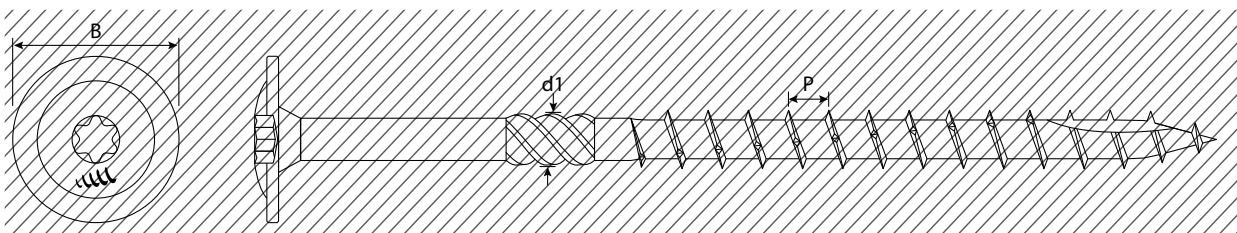


EN 14592



### CARPENTRY WOOD SCREWS TX WAFER HEAD WITH SERRATION AND TYPE 17

- Viti per carpenteria TMT ranellata TX super svasante autop perforante
- Holzbauschrauben Tellerkopf TX-Antrieb Schafffräser Cut-Spitze
- Vis pour charpente tête disque TX et type 17
- Tornillos para carpintería cabeza ancha TX punta type 17
- Шурупы для деревянных конструкций полукруглая головка с прессшайбой и с насечками для раззенковки, шлиц TX, тип 17



[ambrovit.it/video/tutorial/](https://www.ambrovit.it/video/tutorial/)



Diameters Diametri	Limits Limiti	B	d1	P	TX
6,0	Min.	13,50	4,80	- 4,50	T30
	Max.	14,50	5,30		
8,0	Min.	22,00	6,80	- 5,50	T40
	Max.	23,50	7,20		
10,0	Min.	25,00	8,00	- 6,60	T40
	Max.	26,50	8,50		

## C10B21



- **Carbon steel: C10B21**  
Acciaio temperato: C10B21
- **Case hardness: HV 420-500**  
Durezza superficiale: HV 420-500
- **Core hardness: HV 300-390**  
Durezza a cuore: HV 300-390
- **Threaded section: as per listing**  
(Ex 6,0x200/70 = thread 70)  
Parte filettata: come da listino  
(Es. 6,0x200/70 = filetto 70)



**PLAY**  
THE VIDEO

# 67052

## SUPER TMT TX RAN DR

FINISHING		PACKAGING		
SIZES MISURE	TX	TG 31 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000		
6,0 x 30	T30	79,00	2.800 (14)	200
40	T30	88,00	2.800 (14)	200
50	T30	95,00	2.800 (14)	200
60/35	T30	117,00	2.800 (14)	200
70/42	T30	127,00	2.400 (12)	200
80/50	T30	148,00	2.400 (12)	200
90/50	T30	165,00	1.200 (12)	100
100/50	T30	186,00	1.200 (12)	100
110/50	T30	215,00	1.200 (12)	100
120/50	T30	238,00	1.200 (12)	100
130/60	T30	280,00	1.200 (12)	100
140/70	T30	312,00	1.200 (12)	100
150/70	T30	347,00	1.200 (12)	100
160/70	T30	376,00	600 (6)	100
180/70	T30	464,00	600 (6)	100
200/70	T30	547,00	600 (6)	100
220/70	T30	644,00	600 (6)	100
240/70	T30	766,00	600 (6)	100
260/70	T30	870,00	400 (4)	100
280/70	T30	987,00	400 (4)	100
300/70	T30	1.100,00	400 (4)	100

8,0 x 50	T40	224,00	700 (14)	50
60/35	T40	264,00	700 (14)	50
70/42	T40	292,00	700 (14)	50
80/50	T40	310,00	700 (14)	50
100/50	T40	363,00	700 (14)	50
120/50	T40	433,00	600 (12)	50
140/80	T40	508,00	600 (12)	50
160/80	T40	572,00	600 (12)	50
180/80	T40	689,00	300 (6)	50
200/80	T40	861,00	300 (6)	50
220/80	T40	1.069,00	300 (6)	50
240/80	T40	1.257,00	300 (6)	50
260/80	T40	1.380,00	200 (4)	50
280/80	T40	1.554,00	200 (4)	50
300/80	T40	1.728,00	200 (4)	50
320/80	T40	1.888,00	200 (4)	50
340/80	T40	2.000,00	200 (4)	50
360/80	T40	2.213,00	200 (4)	50
380/80	T40	2.373,00	200 (4)	50
400/80	T40	2.619,00	200 (4)	50
420/100	T40	3.090,00	150 (3)	50
440/100	T40	3.240,00	150 (3)	50
450/100	T40	3.400,00	150 (3)	50

FINISHING		PACKAGING		
SIZES MISURE	TX	TG 31 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000		
10,0 x 80/40	T40	456,00	600 (12)	50
100/50	T40	552,00	300 (6)	50
120/50	T40	683,00	300 (6)	50
140/80	T40	773,00	300 (6)	50
160/80	T40	982,00	300 (6)	50
180/80	T40	1.142,00	300 (6)	50
200/80	T40	1.371,00	300 (6)	50
220/80	T40	1.657,00	300 (6)	50
240/80	T40	1.838,00	200 (4)	50
260/80	T40	2.001,00	200 (4)	50
280/80	T40	2.190,00	200 (4)	50
300/80	T40	2.428,00	100 (4)	25
320/80	T40	2.719,00	100 (4)	25
340/80	T40	3.035,00	100 (4)	25
360/80	T40	3.263,00	100 (4)	25
380/80	T40	3.590,00	100 (4)	25
400/80	T40	3.916,00	100 (4)	25

**8µm** Top quality performance  
**120 hr** Prestazioni di altissima qualità



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 87052

## SUPER TSP TX DR



ALWAYS UP-TO-DATE WITH REGULATIONS



**8µm** Top quality performance  
**120 hr** Prestazioni di altissima qualità

Page 146

**TG 52** YELLOW  
Znc Cr3 3µm  
**36 hr**

**TG 31** TOP  
Znc Cr3 8µm  
**120 hr**

Page 117

**TG 41** SUPER TOP  
ENDURO  
**1,000 hr**



### CARPENTRY WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17

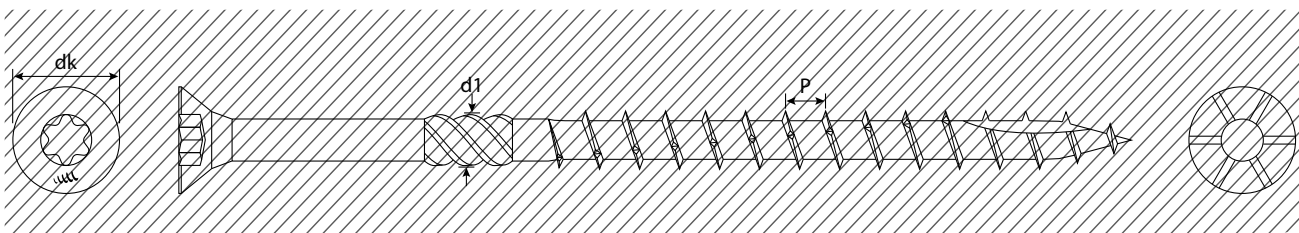
Italy Viti per carpenteria in legno TSP TX super svasante autoperforante

Germany Holzbauschrauben Flachsenkkopf TX-Antrieb Fräsrippen Schafffräser Cut-Spitze

France Vis pour charpente tête fraisée crantée TX et type 17

Spain Tornillos para carpintería cabeza plana estriada TX punta type 17

Russia Шурупы для деревянных конструкций плоская потайная головка с насечками для раззенковки и ребрами, шлиц TX, тип 17



Diameters Diametri	Limits Limiti	dk	d1	P	TX
3,0	Min.	5,65	2,80	~ 1,45	T10
	Max	6,05	3,20		
3,5	Min.	6,65	3,10	~ 2,15	T15
	Max	7,05	3,40		
4,0	Min.	7,50	3,50	~ 2,52	T20
	Max	8,00	3,80		
4,5	Min.	8,50	3,70	~ 2,80	T25
	Max	9,00	4,00		
5,0	Min.	9,64	3,70	~ 3,20	T25
	Max	10,00	4,40		

Diameters Diametri	Limits Limiti	dk	d1	P	TX
6,0	Min.	11,50	4,80	~ 4,70	T30
	Max	12,10	5,20		
8,0	Min.	14,30	6,80	~ 5,50	T40
	Max	15,00	7,20		
10,0	Min.	17,40	8,00	~ 6,60	T40
	Max	18,20	8,50		
12,0	Min.	21,00	9,50	~ 6,00	T50
	Max	22,00	9,80		

## C10B21

### Carbon steel: C10B21

Acciaio temperato: C10B21

### Case hardness: HV 420-500

Durezza superficiale: HV 420-500

### Core hardness: HV 300-390

Durezza a cuore: HV 300-390

### Threaded section: as per listing

(Ex 4,0x30/18 = thread 18)

Parte filettata: come da listino




(Es. 4,0x30/18 = filetto 18)






# 87052

## SUPER TSP TX DR



FINISHING		PACKAGING			
SIZES MISURE	TX	TG 31 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
3,0 x 16	T10	14,00	24.000 (24)	1.000	
20	T10	15,00	12.000 (12)	1.000	
25/15	T10	17,00	6.000 (12)	500	
30/18	T10	18,00	6.000 (12)	500	
35/20	T10	20,00	6.000 (12)	500	
40/24	T10	22,00	6.000 (12)	500	
3,5 x 16	T15	15,00	12.000 (12)	1.000	
20	T15	16,00	12.000 (12)	1.000	
25/15	T15	19,00	6.000 (12)	500	
30/18	T15	20,00	6.000 (12)	500	
35/20	T15	22,00	6.000 (12)	500	
40/24	T15	26,00	4.000 (8)	500	
45/27	T15	29,00	2.400 (12)	200	
50/30	T15	32,00	2.400 (12)	200	
60/35	T15	39,00	2.400 (12)	200	
4,0 x 16	T20	20,00	12.000 (24)	500	
20	T20	21,50	6.000 (12)	500	
25/15	T20	23,00	6.000 (12)	500	
30/18	T20	25,00	6.000 (12)	500	
35/20	T20	29,00	4.000 (8)	500	
40/24	T20	31,00	4.000 (8)	500	
45/27	T20	36,00	2.400 (12)	200	
50/30	T20	40,00	2.400 (12)	200	
60/35	T20	48,00	2.400 (12)	200	
70/42	T20	57,00	2.400 (12)	200	
4,5 x 30/18	T25	35,00	6.000 (12)	500	
35/20	T25	38,00	2.400 (12)	200	
40/24	T25	42,00	2.400 (12)	200	
45/27	T25	45,00	2.400 (12)	200	
50/30	T25	53,00	2.400 (12)	200	
60/35	T25	60,00	2.400 (12)	200	
70/42	T25	68,00	1.600 (8)	200	
80/50	T25	80,00	1.600 (8)	200	
5,0 x 30	T25	39,00	2.400 (12)	200	
35/20	T25	44,00	2.400 (12)	200	
40/24	T25	50,00	2.400 (12)	200	
45/27	T25	55,00	2.400 (12)	200	
50/30	T25	57,00	2.400 (12)	200	
60/35	T25	70,00	1.600 (8)	200	
70/42	T25	76,00	1.600 (8)	200	
80/50	T25	88,00	1.600 (8)	200	
90/50	T25	104,00	1.200 (12)	100	
100/50	T25	118,00	1.200 (12)	100	
110/60	T25	134,00	600 (6)	100	
120/70	T25	158,00	600 (6)	100	

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 31 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
6,0 x 40/24	T30	72,00	2.400 (12)	200	
45/27	T30	81,00	1.600 (8)	200	
50/30	T30	87,00	1.600 (8)	200	
60/35	T30	97,00	1.200 (6)	200	
70/42	T30	110,00	1.200 (6)	200	
80/50	T30	126,00	1.200 (6)	200	
90/50	T30	152,00	1.200 (12)	100	
100/50	T30	163,00	800 (8)	100	
110/60	T30	190,00	600 (6)	100	
120/70	T30	195,00	600 (6)	100	
130/70	T30	221,00	600 (6)	100	
140/70	T30	245,00	600 (6)	100	
150/70	T30	270,00	600 (6)	100	
160/70	T30	294,00	600 (6)	100	
180/70	T30	371,00	400 (4)	100	
200/70	T30	464,00	400 (4)	100	
220/70	T30	583,00	600 (6)	100	
240/70	T30	700,00	600 (6)	100	
260/70	T30	797,00	400 (4)	100	
280/70	T30	940,00	400 (4)	100	
300/70	T30	1.060,00	400 (4)	100	
8,0 x 50	T40	212,00	1.400 (14)	100	
60/35	T40	217,00	1.400 (14)	100	
70/42	T40	225,00	1.400 (14)	100	
80/50	T40	246,00	1.400 (14)	100	
90/50	T40	278,00	1.400 (14)	100	
100/50	T40	290,00	1.400 (14)	100	
120/80	T40	352,00	1.200 (12)	100	
140/80	T40	432,00	1.000 (10)	100	
150/80	T40	505,00	1.000 (10)	100	
160/80	T40	515,00	700 (7)	100	
180/80	T40	646,00	600 (6)	100	
200/80	T40	767,00	600 (6)	100	
220/80	T40	899,00	500 (5)	100	
240/80	T40	1.062,00	500 (5)	100	
250/80	T40	1.130,00	400 (4)	100	
260/80	T40	1.155,00	400 (4)	100	
280/80	T40	1.313,00	400 (4)	100	
300/80	T40	1.488,00	400 (4)	100	
320/80	T40	1.716,00	200 (4)	50	
340/80	T40	1.890,00	200 (4)	50	
350/80	T40	1.970,00	200 (4)	50	
360/80	T40	2.000,00	200 (4)	50	
380/80	T40	2.264,00	200 (4)	50	
400/80	T40	2.350,00	200 (4)	50	
420/100	T40	3.000,00	150 (3)	50	
440/100	T40	3.150,00	150 (3)	50	
450/100	T40	3.300,00	150 (3)	50	
500/100	T40	4.250,00	150 (3)	50	






**8µm**  
120 hr


**Top quality performance**  
Prestazioni di altissima qualità

# 87052

## SUPER TSP TX DR

### CARPENTRY WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17

-  Viti per carpenteria in legno TSP TX super svasante autopercorante
-  Holzbauschrauben Flachsenkkopf TX-Antrieb Fräsrippen Schaftfräser Cut-Spitze
-  Vis pour charpente tête fraisée crantée TX et type 17
-  Tornillos para carpintería cabeza plana estriada TX punta type 17
-  Шурупы для деревянных конструкций плоская потайная головка с насечками для раззенковки и ребрами, шлиц TX, тип 17

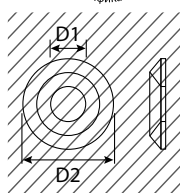
FINISHING		PACKAGING		
SIZES MISURE	TX			
		TG 31 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000		
10,0 x 80/40	T40	407,00	700 (14)	50
100/60	T40	464,00	700 (14)	50
120/80	T40	540,00	600 (12)	50
140/80	T40	679,00	600 (12)	50
160/80	T40	750,00	500 (10)	50
180/80	T40	946,00	300 (6)	50
200/80	T40	1.047,00	300 (6)	50
220/80	T40	1.335,00	300 (6)	50
240/80	T40	1.451,00	300 (6)	50
250/80	T40	1.539,00	200 (4)	50
260/80	T40	1.623,00	200 (4)	50
280/80	T40	1.835,00	200 (4)	50
300/80	T40	2.135,00	200 (4)	50
320/80	T40	2.452,00	200 (4)	50
340/80	T40	2.665,00	200 (4)	50
350/80	T40	2.778,00	200 (4)	50
360/80	T40	2.831,00	200 (4)	50
380/80	T40	3.023,00	200 (4)	50
400/80	T40	3.085,00	200 (4)	50
12,0 x 600/120	T50	10.294,00	75 (3)	25

**8µm** Top quality performance  
**120 hr** Prestazioni di altissima qualità



# 00077

RAN TX





### CONICAL WASHERS FOR WOODEN CARPENTRY

-  Ranelle coniche per viti per travi lamellari
-  Unterlegscheiben für Holzbauschrauben
-  Rondelles coniques pour vis charpente
-  Arandelas para tornillos para carpintería de madera
-  Конические шайбы к шурупам по дереву

Diameters Diametri	D1	D2
M 6	7,50	19,50
M 8	8,50	25,00
M 10	11,00	32,00
M 12	14,00	37,50

SIZES	PACKAG.	
Ø	TG 31 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	
	6 mm	525,00 100
8 mm	670,00 100	
10 mm	980,00 100	
12 mm	1.250,00 50	

## C10008AK

-  Carbon steel: C10008AK  
Acciaio temperato: C10008AK
-  Class 5.8 steel  
Acciaio Classe 5.8

# 97052

## SUPER TE TX RAN DR



BIT TX

**8µm** Top quality performance  
**120 hr** Prestazioni di altissima qualità

ALWAYS UP-TO-DATE WITH REGULATIONS



Page 150

**TG 52** YELLOW  
Znc Cr3 3µm  
36 hr

**TG 31** TOP  
Znc Cr3 8µm  
120 hr



16/0381



EN 14592



## CARPENTRY WOOD SCREWS TX HEXAGON WASHER HEAD WITH SERRATION AND TYPE 17

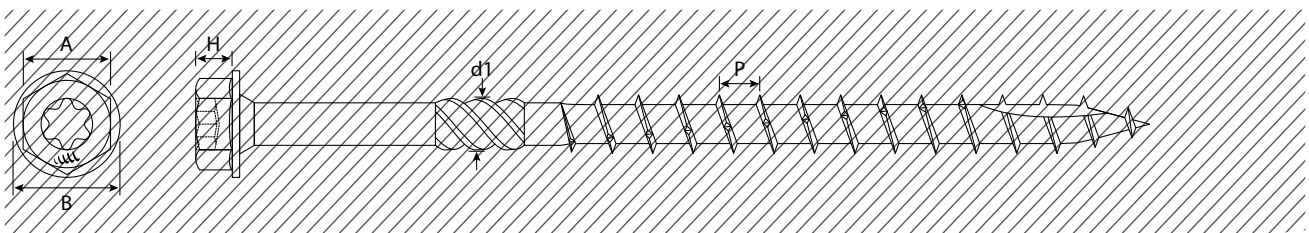
**IT** Viti per carpenteria in legno TE ranellata TX super svasante autoperforante

**DE** Holzbauschrauben Sechskantkopf mit Flansch TX-Antrieb Schafffräser Cut-Spitze

**FR** Vis pour charpente Tête hexagonale à embase TX et type 17

**ES** Tornillos para carpentería cabeza hexagonal+arandela TX punta type 17

**RU** Шурупы для деревянных конструкций шестигранная головка с шайбой с насечками для раззенковки, шлиц TX, тип 17



ambrovit.it/video  
**TUTORIAL**



**PLAY**  
THE VIDEO

Diameters Diametri	Limits Limiti	H	B	A	d1	P	TX
8,0	Min.	4,80	14,00	11,78	6,80	~5,50	T40
	Max.	5,20	15,00	12,00	7,20		
10,0	Min.	5,60	17,00	14,78	8,00	~6,60	T40
	Max.	6,00	18,00	15,00	8,50		
12,0	Min.	6,50	22,00	16,73	9,50	~6,00	T50
	Max.	7,00	24,00	17,00	9,80		

## C10B21

■ **Carbon steel: C10B21**

Acciaio temperato: C10B21

■ **Case hardness: HV 420-500 0.3 Diam. 8 - 10**

**HV 420-520 0.3 Diam. 12**

Durezza superficiale: HV 420-500 0.3 Diam. 8 - 10  
HV 420-520 0.3 Diam. 12

■ **Core hardness: HV 300-390 0.3**

Durezza a cuore: HV 300-390 0.3

■ **Threaded section: as per listing**

(Ex 8,0x140/80 = thread 80)

Parte filettata: come da listino






(Es. 8,0x140/80 = filetto 80)



# 97052

## SUPER TE TX RAN DR



### CARPENTRY WOOD SCREWS TX HEXAGON WASHER HEAD WITH SERRATION AND TYPE 17

-  Viti per carpenteria in legno TE ranellata TX super svasante autop perforante
-  Holzbauschrauben Sechskantkopf mit Flansch TX-Antrieb Schafffräser Cut-Spitze
-  Vis pour charpente Tête hexagonale à embase TX et type 17
-  Tornillos para carpintería cabeza hexagonal+arandela TX punta type 17
-  Шурупы для деревянных конструкций шестигранная головка с шайбой с насечками для раззенковки, шлиц TX, тип 17

FINISHING		PACKAGING			FINISHING		PACKAGING		
SIZES MISURE	TX	 TG 31 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			SIZES MISURE	TX	 TG 31 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000		
<b>8,0 x 80</b>	T40	423,00	400 (4)	100	<b>12,0 x 160/80</b>	T50	1.980,00	300 (6)	50
<b>120/50</b>	T40	642,00	800 (8)	100	<b>180/80</b>	T50	2.325,00	300 (6)	50
<b>140/80</b>	T40	699,00	800 (8)	100	<b>200/80</b>	T50	2.645,00	300 (6)	50
<b>160/80</b>	T40	909,00	600 (6)	100	<b>220/80</b>	T50	3.176,00	250 (5)	50
<b>180/80</b>	T40	1.153,00	600 (6)	100	<b>240/80</b>	T50	3.609,00	200 (4)	50
<b>200/80</b>	T40	1.320,00	600 (6)	100	<b>260/80</b>	T50	4.213,00	200 (4)	50
<b>220/80</b>	T40	1.650,00	500 (5)	100	<b>280/80</b>	T50	4.651,00	200 (4)	50
<b>240/80</b>	T40	1.936,00	500 (5)	100	<b>300/80</b>	T50	5.104,00	100 (4)	25
<b>260/80</b>	T40	2.420,00	400 (4)	100	<b>320/80</b>	T50	5.830,00	100 (4)	25
<b>280/80</b>	T40	2.662,00	400 (4)	100	<b>340/80</b>	T50	6.490,00	100 (4)	25
<b>300/80</b>	T40	2.860,00	400 (4)	100	<b>360/80</b>	T50	7.040,00	100 (4)	25
<b>10,0 x 160/80</b>	T40	1.282,00	300 (6)	50	<b>380/80</b>	T50	7.590,00	100 (4)	25
<b>180/80</b>	T40	1.621,00	300 (6)	50	<b>400/80</b>	T50	8.250,00	100 (4)	25
<b>200/80</b>	T40	2.013,00	300 (6)	50					
<b>220/80</b>	T40	2.235,00	300 (6)	50					
<b>240/80</b>	T40	2.530,00	300 (6)	50					
<b>260/80</b>	T40	2.860,00	200 (4)	50					
<b>280/80</b>	T40	3.245,00	200 (4)	50					
<b>300/80</b>	T40	3.575,00	200 (4)	50					
<b>320/80</b>	T40	3.900,00	200 (4)	50					
<b>340/80</b>	T40	4.248,00	200 (4)	50					
<b>360/80</b>	T40	4.496,00	200 (4)	50					
<b>380/80</b>	T40	4.814,00	200 (4)	50					
<b>400/80</b>	T40	5.280,00	200 (4)	50					

**8µm** Top quality performance  
**120 hr** Prestazioni di altissima qualità

# 57062

TC TX/C



ALWAYS UP-TO-DATE WITH REGULATIONS



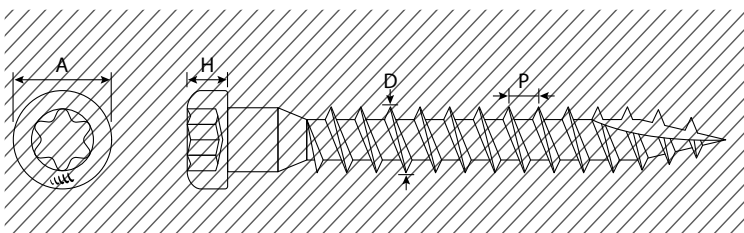
**8µm** Top quality performance  
**120 hr** Prestazioni di altissima qualità

**TG 31** TOP  
Znc Cr3 8µm  
**120 hr**



## CARPENTRY WOOD ANGLE-BRACKETS SCREWS TX PAN HEAD WITH REINFORCED NECK TYPE 17

- Viti per ferramenta angolare testa cilindrica TX con rinforzo super svasante
- Winkelbeschlagschrauben Linsenkopf TX-Antrieb mit verstärktem Kopf und Cut-Spitze
- Vis pour ferrures angulaires tête cylindrique TX avec col renforcé et type 17
- Tornillos para bisagras cabeza redonda TX cuello reforzado punta type 17
- Шурупы для деревянных конструкций полусферическая головка с усиленной головкой, шлиц TX, тип 17



# PLAY THE VIDEO

Diameters Diametri	Limits Limiti	H	A	D	P	TX
5,0	Min.	2,70	7,10	4,80	1,98	T20
	Max.	3,00	7,50	5,00	2,42	

## C1022



- Carbon steel: C1022**  
Acciaio temperato: C1022
- Case hardness: HV 470-720**  
Durezza superficiale: HV 470-720
- Core hardness: HV 320-430**  
Durezza a cuore: HV 320-430





# 57062

TC TX/C



## CARPENTRY WOOD ANGLE-BRACKETS SCREWS TX PAN HEAD WITH REINFORCED NECK TYPE 17

-  Viti per ferramenta angolare testa cilindrica TX con rinforzo super svasante
-  Winkelbeschlagschrauben Linsenkopf TX-Antrieb mit verstärktem Kopf und Cut-Spitze
-  Vis pour ferrures angulaires tête cylindrique TX avec col renforcé et type 17
-  Tornillos para bisagras cabeza redonda TX cuello reforzado punta type 17
-  Шурупы для деревянных конструкций полусферическая головка с усиленной головкой, шлиц TX, тип 17

FINISHING		PACKAGING			
SIZES MISURE	TX				
		TG 31 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
5,0 x 35	T20	50,00	4.000 (8)	2.000 (4)	500
40	T20	57,50	3.000 (6)	1.000 (2)	500
45	T20	64,00	3.000 (6)	1.000 (2)	500
50	T20	71,00	3.000 (6)	1.000 (2)	500
60	T20	88,00	2.000 (4)	1.000 (2)	500
70	T20	104,00	2.000 (4)	1.000 (2)	500

**8µm** Top quality performance  
**120 hr** Prestazioni di altissima qualità

# 72 Hr

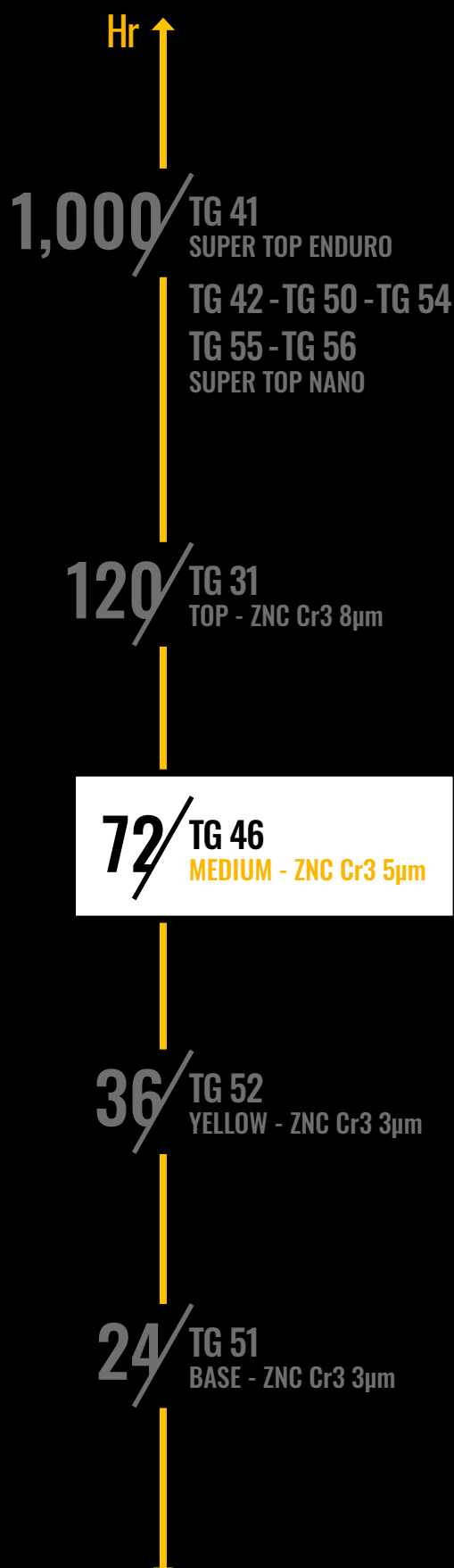
## Znc Cr3 5µm

### GALVANIC ZINC COATINGS

#### Trattamenti galvanici di zincatura

There are three types of Cr3 galvanic treatments in the carpentry wood section, which differ in terms of strength and micron thickness. They are suitable for uses in urban and industrial environments, with moderate sulphur dioxide pollution as well as in coastal areas, with moderate salinity. These treatments follow the European Community Directive RoHS 2011/65/EC "RoHS" (Restriction of Hazardous Substances Directive) and comply with the norms about the use of dangerous substances in electrical and electronic equipment (EEE), in order to contribute to their proper recycling and disposal.

Tre le tipologie di Zincatura Cr3 presenti nella sezione carpenteria, che differiscono tra loro in termini di resistenza e spessore in micron. Idonee ad utilizzi in ambienti urbani ed industriali con modesto inquinamento di anidride solforosa ed in zone costiere con moderata salinità. Questi trattamenti sono da tempo allineati alla Direttiva Comunitaria Europea RoHS 2011/65/CE "RoHS" (Restriction of Hazardous Substances Directive) e conformi alle norme riguardanti l'uso di sostanze nocive, quindi pericolose, nelle apparecchiature elettriche ed elettroniche (AEE), al fine di contribuire al loro corretto recupero e smaltimento.



# 76352

TC TX FT



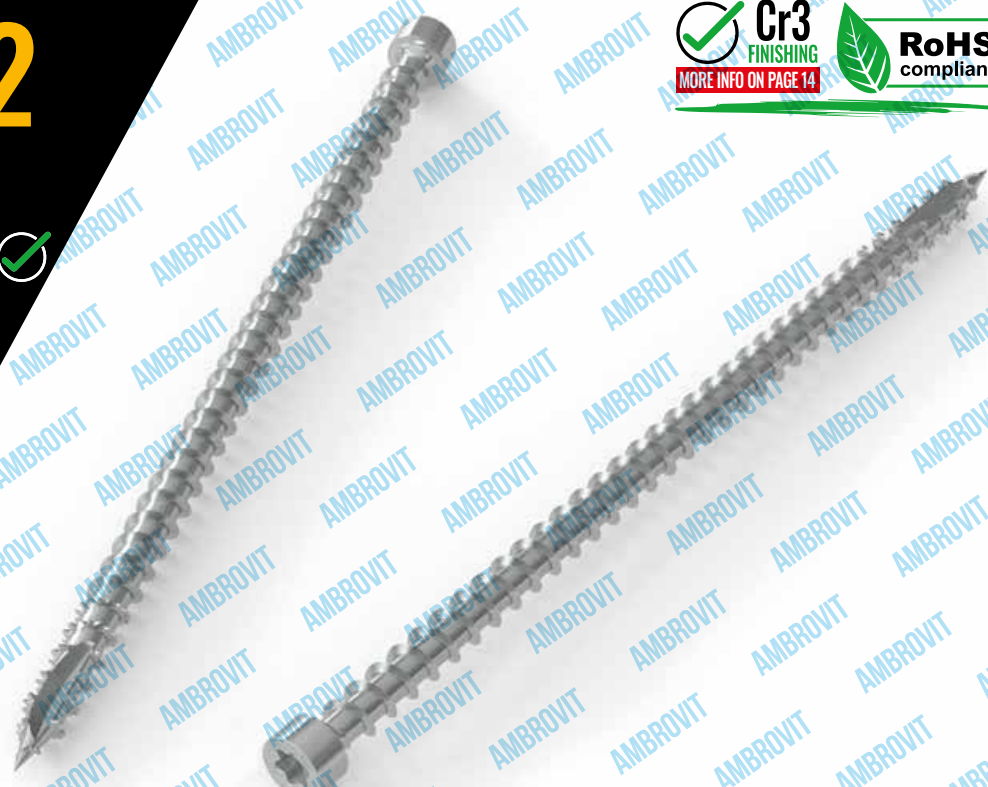
BIT TX

**NEW**  
PRODUCT

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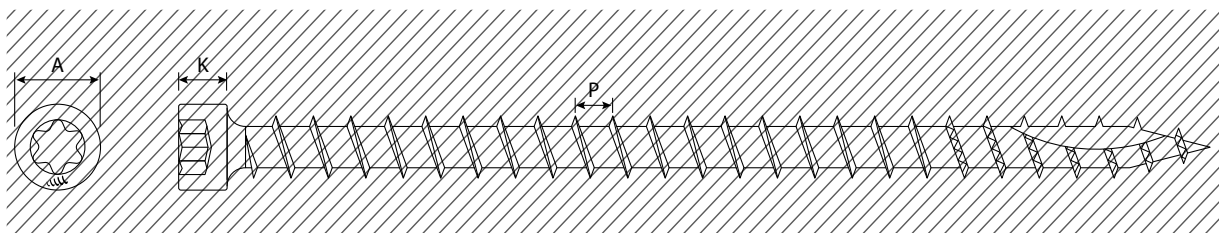
**Cr3**  
FINISHING

MORE INFO ON PAGE 14

**RoHS**  
compliant**TG 46** MEDIUM  
Znc Cr3 5µm  
72 hr  
RoHS compliant

## CARPENTRY WOOD SCREWS TX CYLINDER HEAD, FULL THREAD AND TOOTHED POINT TYPE 17

- 🇮🇹 Viti per carpenteria in legno TC TX super svasanti autopercoranti tutto filetto
- 🇩🇪 Holzbauschrauben Zylinderkopf TX-Antrieb Vollgewinde und gezahnte Cut-Spitze
- 🇫🇷 Vis pour charpente tête cylindrique TX filetage total et pointe type 17 dentelée
- 🇪🇸 Tornillos para carpintería cabeza cilíndrica TX rosca total y punta type 17 dentada
- 🇷🇺 Шурупы для деревянных конструкций цилиндрическая головка, шлиц TX, полная резьба, зубчатый наконечник тип 17



Diameters Diametri	Limits Limiti	A	K	P	TX
6,0	Min.	11,00	-	~ 3,80	T30
	Max	12,00	12,00		
8,0	Min.	14,00	-	~ 4,80	T40
	Max	15,00	19,00		

## C10B21




- **Carbon steel: C10B21**  
Acciaio temperato: C10B21
- **Case hardness: HV 400 min.**  
Durezza superficiale: HV 400 min.
- **Core hardness: HV 300-390**  
Durezza a cuore: HV 300-390
- **Threaded section: FULL THREAD**  
Parte filettata: TUTTO FILETTO



# 76352

TC TX FT



FINISHING		PACKAGING		
SIZES MISURE	TX			
		TG 46 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000		
<b>6,0 x 80</b>	T30	220,00	1.000 (5)	200
<b>100</b>	T30	275,00	500 (5)	100
<b>120</b>	T30	360,00	500 (5)	100
<b>140</b>	T30	450,00	500 (5)	100
<b>160</b>	T30	550,00	400 (4)	100
<b>180</b>	T30	700,00	400 (4)	100
<b>200</b>	T30	890,00	300 (3)	100
<b>220</b>	T30	1.100,00	300 (3)	100
<b>240</b>	T30	1.300,00	300 (3)	100
<b>260</b>	T30	1.510,00	300 (3)	100
<b>280</b>	T30	1.720,00	300 (3)	100
<b>300</b>	T30	1.900,00	300 (3)	100
<b>8,0 x 160</b>	T40	900,00	400 (4)	100
<b>180</b>	T40	1.070,00	400 (4)	100
<b>200</b>	T40	1.270,00	300 (3)	100
<b>220</b>	T40	1.490,00	300 (3)	100
<b>240</b>	T40	1.740,00	300 (3)	100
<b>260</b>	T40	2.010,00	300 (3)	100
<b>280</b>	T40	2.250,00	300 (3)	100
<b>300</b>	T40	2.560,00	300 (3)	100
<b>350</b>	T40	3.250,00	150 (3)	50
<b>400</b>	T40	4.200,00	150 (3)	50
<b>450</b>	T40	5.550,00	150 (3)	50
<b>500</b>	T40	8.200,00	150 (3)	50

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

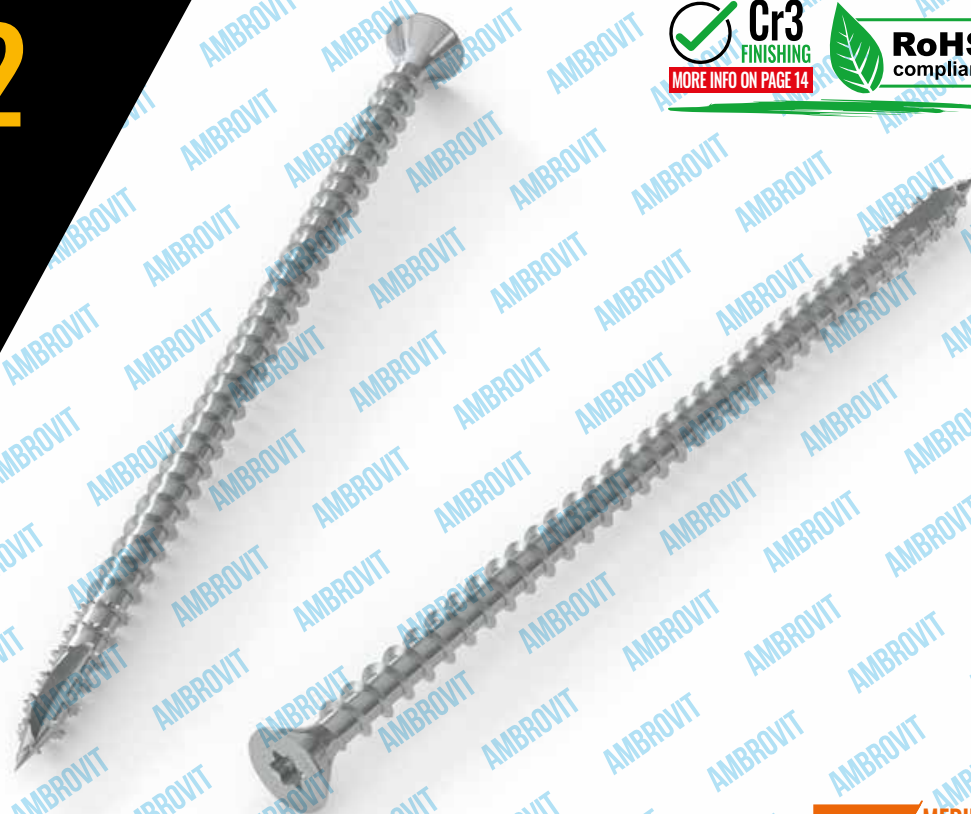
Screws / Carpentry wood

# 87352

TSP TX FT

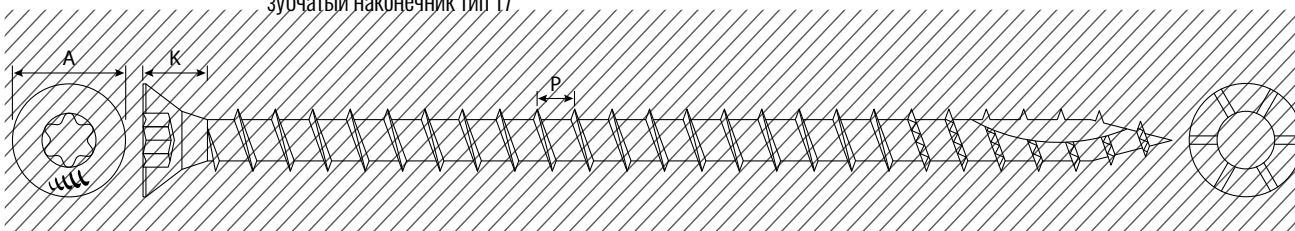


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## CARPENTRY WOOD SCREWS TX FLAT HEAD WITH RIBS UNDER HEAD, FULL THREAD AND TOOTHED POINT TYPE 17

- Viti per carpenteria in legno TSP TX super svasanti auto perforanti tutto filetto
- Holzbauschrauben Flachsenkopf TX-Antrieb Fräsrippen Vollgewinde und gezahnte Cut-Spitze
- Vis pour charpente tête fraisée crantée TX filetage total et pointe type 17 dentelée
- Tornillos para carpintería cabeza plana estriada TX rosca total y punta type 17 dentada
- Шурупы для деревянных конструкций плоская потайная головка с ребрами, полная резьба, шлиц TX, зубчатый наконечник тип 17



Diameters Diametri	Limits Limiti	A	K	P	TX
6,0	Min.	11,00	-	- 3,80	T30
	Max	12,00	12,00	-	
8,0	Min.	14,00	-	- 4,80	T40
	Max	15,00	19,00	-	

## C10B21

- **Carbon steel: C10B21**  
Acciaio temperato: C10B21
- **Case hardness: HV 400 min.**  
Durezza superficiale: HV 400 min.
- **Core hardness: HV 300-390**  
Durezza a cuore: HV 300-390
- **Threaded section: FULL THREAD**  
Parte filettata: TUTTO FILETTO



**PLAY**  
THE VIDEO

# 87352

## TSP TX ft



### FINISHING

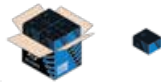
### PACKAGING

SIZES  
MISURE

TX



TG 46  
BLUE ZNC Cr3  
ZINCATE Cr3  
€ / 1.000

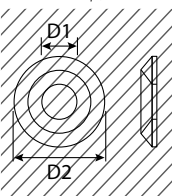


SIZES MISURE	TX	Price (€)	Quantity	Quantity
6,0 x 80	T30	135,00	2.400 (12)	200
100	T30	170,00	1.400 (14)	100
120	T30	300,00	1.200 (12)	100
140	T30	365,00	1.200 (12)	100
160	T30	457,00	1.200 (12)	100
180	T30	577,00	600 (6)	100
200	T30	719,00	600 (6)	100
220	T30	888,00	600 (6)	100
240	T30	1.050,00	600 (6)	100
260	T30	1.250,00	600 (6)	100
280	T30	1.400,00	400 (4)	100
300	T30	1.560,00	400 (4)	100

SIZES MISURE	TX	Price (€)	Quantity	Quantity
8,0 x 160	T40	720,00	600 (6)	100
180	T40	865,00	600 (6)	100
200	T40	1.020,00	600 (6)	100
220	T40	1.200,00	500 (5)	100
240	T40	1.390,00	500 (5)	100
260	T40	1.620,00	400 (4)	100
280	T40	1.850,00	400 (4)	100
300	T40	2.050,00	400 (4)	100
350	T40	2.650,00	200 (4)	50
400	T40	4.000,00	200 (4)	50
450	T40	5.000,00	150 (3)	50
500	T40	7.200,00	150 (3)	50

# 00077

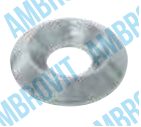
RAN TX



## CONICAL WASHERS FOR WOODEN CARPENTRY

Ranelle coniche per viti per travi lamellari 
 Unterlegscheiben für Holzbauschrauben 
 Rondelles coniques pour vis charpente 
 Arandelas para tornillos para carpintería de madera 
 Конические шайбы к шурупам по дереву

Diameters Diametri	D1	D2
M 6	7,50	19,50
M 8	8,50	25,00



SIZES	PACKAG.
Ø	TG 31 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000
6 mm	525,00 100
8 mm	670,00 100

## C10008AK

- Carbon steel: C10008AK  
Acciaio temperato: C10008AK
- Class 5.8 steel  
Acciaio Classe 5.8

# 67053

TMT TX/C

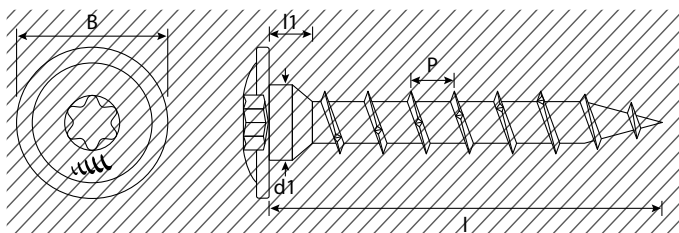


ALWAYS UP-TO-DATE WITH REGULATIONS



## CARPENTRY WOOD SCREWS TX WAFER HEAD WITH REINFORCED NECK AND FULL THREAD

- Viti per carpenteria in legno TMT ranellata TX con rinforzo tutto filetto
- Holzbauschrauben Tellerkopf TX-Antrieb mit verstärktem Kopf Vollgewinde
- Vis pour charpente tête disque TX avec renfort s/tête filetage total
- Tornillos para carpintería con cabeza ancha TX cuello reforzado rosca total
- Шурупы для деревянных конструкций полукруглая головка с прессшайбой с усиленной головкой, полная резьба, шлиц TX



Diameters Diametri	Limits Limiti	B	l1	d1	P	TX
8,0	Min.	19,00	4,62	9,55	~ 5,50	T40
	Max	19,50	4,72	9,65		

FINISHING		PACKAGING			
SIZES MISURE	TX				
		TG 46 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
8,0 x 40	T40	225,00	400 (8)	200 (4)	50
50	T40	250,00	400 (8)	200 (4)	50
<b>NEW</b>	60	290,00	400 (8)	200 (4)	50

## C10B21

- **Carbon steel: C10B21**  
Acciaio temperato: C10B21
- **Case hardness: HV 420-500**  
Durezza superficiale: HV 420-500
- **Core hardness: HV 300-390**  
Durezza a cuore: HV 300-390

# 67552

## TMT TX



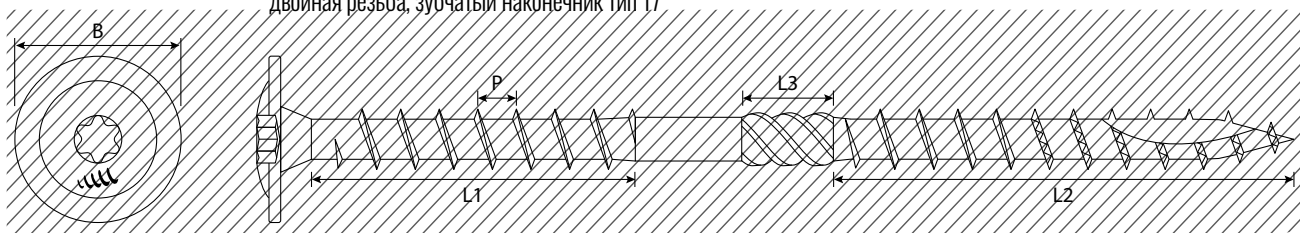
ALWAYS UP-TO-DATE WITH REGULATIONS



MORE INFO ON PAGE 14

## CARPENTRY WOOD INSULATION SCREWS TX WAFER HEAD WITH SERRATION AND DOUBLE THREAD TOOTHED POINT TYPE 17

- Viti per isolamento TMT ranellate TX super svasanti autoperforanti doppio filetto
- Isolationsschrauben Tellerkopf TX-Antrieb Schafffräser Doppelgewinde und gezahnte Cut-Spitze
- Vis pour isolation tête de disque TX avec double filetage et pointe type 17 dentelée
- Tornillos de aislamiento cabeza ancha TX doble rosca y punta type 17 dentada
- Шурупы для деревянных конструкций полукруглая головка с прессшайбой с насечками для раззенковки, шлиц TX, двойная резьба, зубчатый наконечник тип 17



[ambrovit.it/video/tutorial/](https://ambrovit.it/video/tutorial/)



# PLAY THE VIDEO

Diameters Diametri	Limits Limiti	B	L3	P	TX
8,0	Min.	21,00	10,50	~ 5,20	T40
	Max.	23,00	13,50		

## C10B21






- Carbon steel: C10B21**  
Acciaio temperato: C10B21
- Case hardness: HV 400 min.**  
Durezza superficiale: HV 400 min.
- Core hardness: HV 300-390**  
Durezza a cuore: HV 300-390
- Threaded section: as per listing**  
Parte filettata: come da listino  
(Es. 8,0x165/60/80 = L1 thread 60 / L2 thread 80)  
(Es. 8,0x165/60/80 = L1 filetto 60 / L2 filetto 80)




# 67552

## TMT TX



### CARPENTRY WOOD INSULATION SCREWS TX WAFER HEAD WITH SERRATION AND DOUBLE THREAD TOOTHED POINT TYPE 17

-  Viti per isolamento TMT ranellate TX super svasanti autop perforanti doppio filetto
-  Isolationsschrauben Tellerkopf TX-Antrieb Schafffräser Doppelgewinde und gezahnte Cut-Spitze
-  Vis pour isolation tête disque TX avec double filetage et pointe type 17 dentelée
-  Tornillos de aislamiento cabeza ancha TX doble rosca y punta type 17 dentada
-  Шурупы для деревянных конструкций полукруглая головка с прессшайбой с насечками для раззенковки, шлиц TX, двойная резьба, зубчатый наконечник тип 17

FINISHING		PACKAGING		
SIZES MISURE	TX	 TG 46	 BLUE ZINC Cr3	 ZINCATE Cr3
		€/ 1.000		
8,0 x 165/60/80	T40	1.025,00	600 (12)	50
195/60/80	T40	1.200,00	300 (6)	50
225/60/100	T40	1.540,00	300 (6)	50
235/60/100	T40	1.680,00	300 (6)	50
255/60/100	T40	1.950,00	200 (4)	50
275/60/100	T40	2.180,00	200 (4)	50
302/60/100	T40	2.390,00	200 (4)	50
335/60/100	T40	2.800,00	200 (4)	50
365/60/100	T40	3.240,00	200 (4)	50
397/60/100	T40	3.750,00	200 (4)	50
435/60/100	T40	4.300,00	150 (3)	50
472/60/100	T40	5.450,00	150 (3)	50

# 76552

## SUPER TC TX

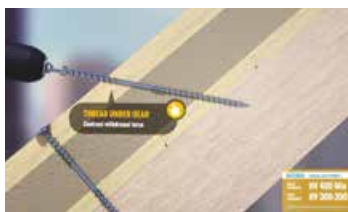
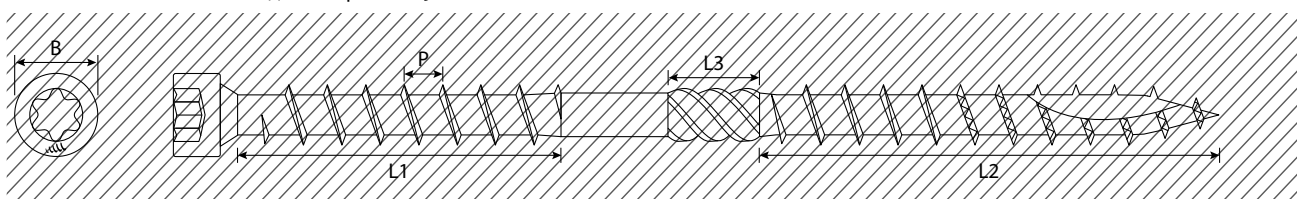


ALWAYS UP-TO-DATE WITH REGULATIONS



### CARPENTRY WOOD INSULATION SCREWS TX CYLINDER HEAD WITH SERRATION AND DOUBLE THREAD TOOTHED POINT TYPE 17

- Viti per isolamento TC TX super svasanti autoperforanti doppio filetto
- Isolationsschrauben Zylinderkopf TX-Antrieb Schafffräser Doppelgewinde und gezahnte Cut-Spitze
- Vis pour isolation tête cylindrique TX avec double filetage et pointe type 17 dentelée
- Tornillos de aislamiento cabeza cilíndrica TX doble rosca y punta type 17 dentada
- Шурупы для деревянных конструкций цилиндрическая головка с насечками для раззенковки, шлиц TX, двойная резьба, зубчатый наконечник тип 17



# PLAY

## THE VIDEO

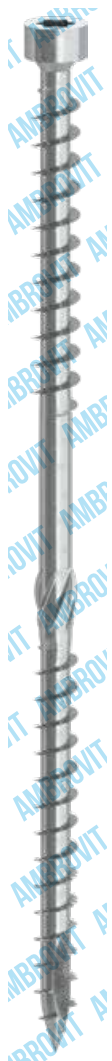
Diameters Diametri	Limits Limiti	B	L3	P	TX
8,0	Min. 21,00 Max 23,00	10,50	13,50	~ 5,20	T40

## C10B21






- **Carbon steel: C10B21**  
Acciaio temperato: C10B21
- **Case hardness: HV 400 min.**  
Durezza superficiale: HV 400 min.
- **Core hardness: HV 300-390**  
Durezza a cuore: HV 300-390
- **Threaded section: as per listing**  
(Ex. 8,0x165/60/80 = L1 thread 60 / L2 thread 80)  
Parte filettata: come da listino  
(Es. 8,0x165/60/80 = L1 filetto 60 / L2 filetto 80)




# 76552

## SUPER TC TX



### CARPENTRY WOOD INSULATION SCREWS TX CYLINDER HEAD WITH SERRATION AND DOUBLE THREAD TOOTHED POINT TYPE 17

-  Viti per isolamento TC TX super svasanti autopercoranti doppio filetto
-  Isolationsschrauben Zylinderkopf TX-Antrieb Schafffräser Doppelgewinde und gezahnte Cut-Spitze
-  Vis pour isolation tête cylindrique TX avec double filetage et pointe type 17 dentelée
-  Tornillos de aislamiento cabeza cilíndrica TX doble rosca y punta type 17 dentada
-  Шурупы для деревянных конструкций цилиндрическая головка с насечками для раззенковки, шлиц TX, двойная резьба, зубчатый наконечник тип 17

FINISHING		PACKAGING		
SIZES MISURE	TX	 TG 46		
		BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000		
8,0 x 165/60/80	T40	1.025,00	600 (12)	50
195/60/80	T40	1.200,00	300 (6)	50
225/60/100	T40	1.540,00	300 (6)	50
235/60/100	T40	1.680,00	300 (6)	50
255/60/100	T40	1.950,00	200 (4)	50
275/60/100	T40	2.180,00	200 (4)	50
302/60/100	T40	2.390,00	200 (4)	50
335/60/100	T40	2.800,00	200 (4)	50
365/60/100	T40	3.240,00	200 (4)	50
397/60/100	T40	3.750,00	200 (4)	50
435/60/100	T40	4.300,00	150 (3)	50
472/60/100	T40	5.450,00	150 (3)	50



# 36 Hr

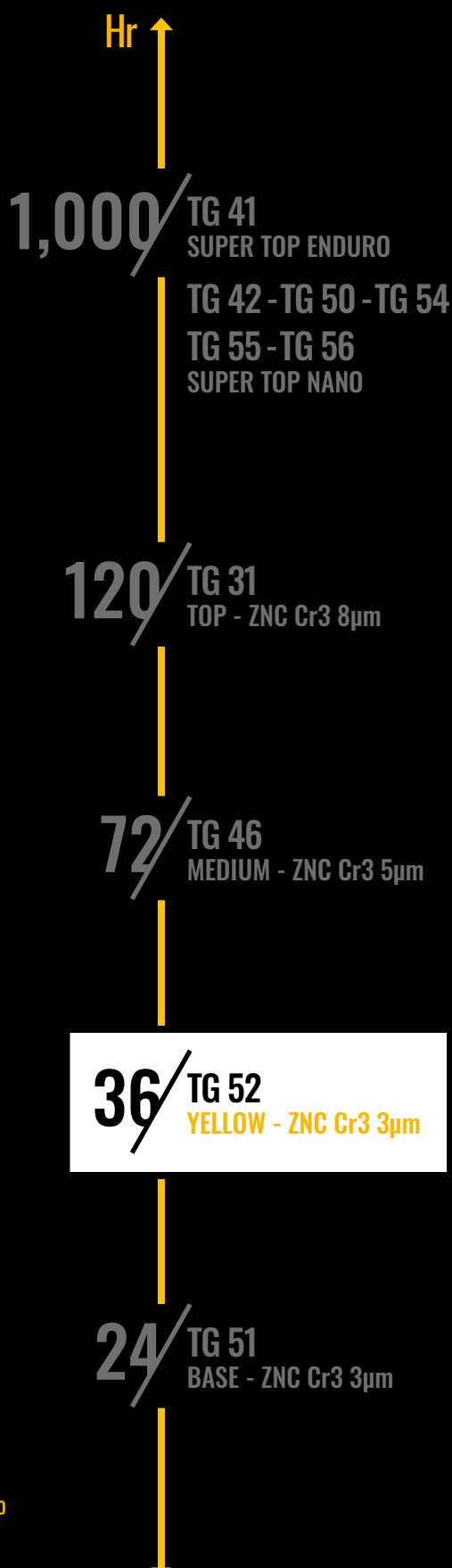
## Znc Cr3 3µm

## GALVANIC ZINC COATINGS

### Trattamenti galvanici di zincatura

Ambrovit yellow Zinc plating Cr3 (Trivalent Chromium) is, in terms of colours and aesthetics, the same as the previous Cr6 (Hexavalent Chromium), now banned because it is dangerous for both the environment and man. Ambrovit immediately adapted to this change, by reviewing all its production standards and using coatings containing only trivalent chromium. Ambrovit products respect the parameters established by the European Community Directive RoHS 2011/65/EC "RoHS" (Restriction of Hazardous Substances Directive), that from 2017 prohibits the realization of any product using the Hexavalent Chromium, which for several years had been the most widely spread method for coating steel components and accessories, with the aim of protecting them from corrosion.

La finitura Ambrovit Zincata gialla Cr3 (Cromo Trivalente) si presenta, in termini di resa cromatica ed estetica, uguale alla precedente contenente il vecchio Cr6 (Cromo Esavalente), ad oggi vietato in quanto dannoso sia per l'ambiente che per l'uomo. Ambrovit si è immediatamente conformata a questo cambiamento rivedendo tutti i suoi standard produttivi e utilizzando, per i propri prodotti, rivestimenti contenenti solo il Cromo Trivalente. Il prodotto Ambrovit rientra quindi nei parametri stabiliti dalla Direttiva Comunitaria Europea RoHS 2011/65/CE "RoHS" (Restriction of Hazardous Substances Directive) che dal 2017 vieta la realizzazione di qualsiasi prodotto utilizzando il Cromo Esavalente che, per parecchi anni è stato il metodo più diffuso per rivestire componenti e accessori in acciaio, con lo scopo di proteggerli dalla corrosione.



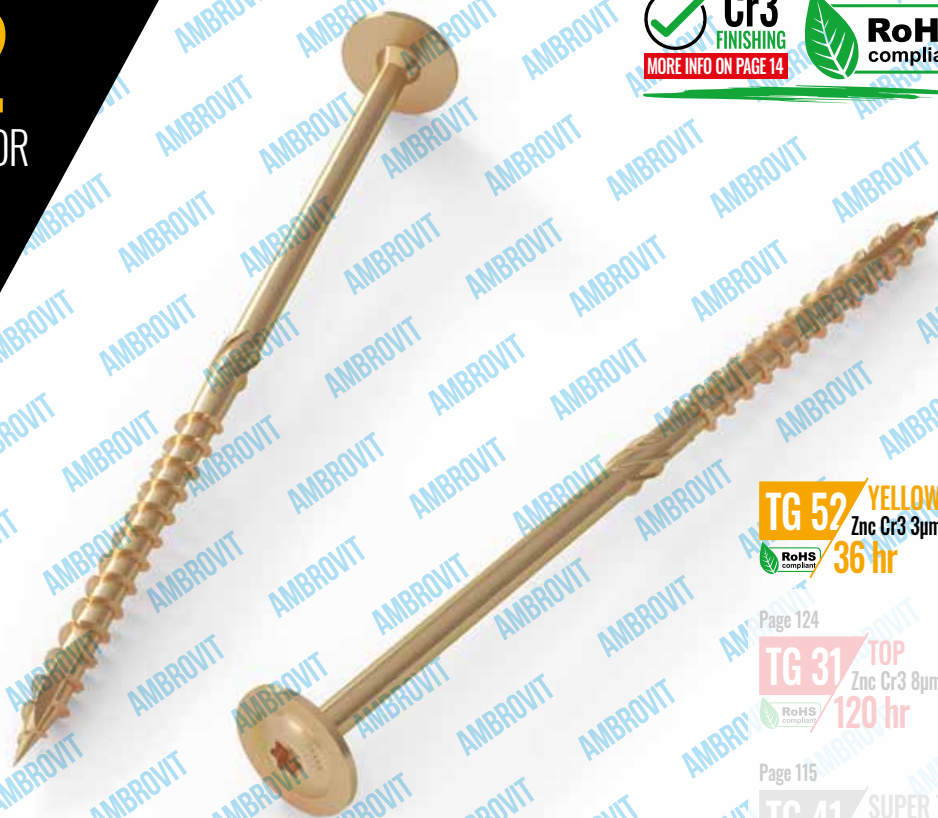
Screws / Carpentry wood

# 67052

## SUPER TMT TX RAN DR

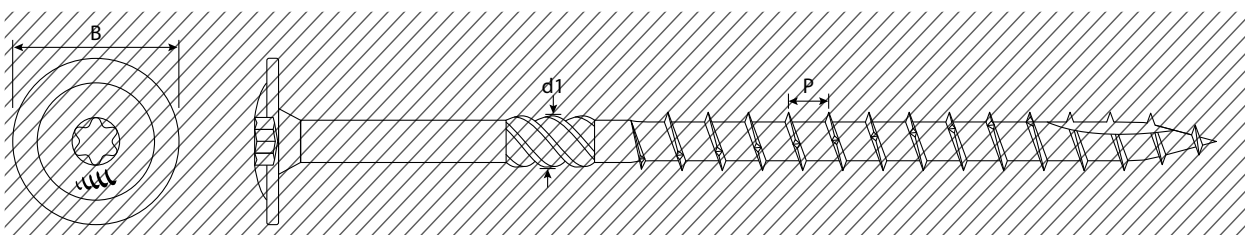


ALWAYS UP-TO-DATE WITH REGULATIONS



### CARPENTRY WOOD SCREWS TX WAFER HEAD WITH SERRATION AND TYPE 17

- Viti per carpenteria in legno TMT ranellata TX super svasante autoperforante
- Holzbauschrauben Tellerkopf TX-Antrieb Schafffräser Cut-Spitze
- Vis pour charpente tête disque TX et type 17
- Tornillos para carpintería cabeza ancha TX punta type 17
- Шурупы для деревянных конструкций полукруглая головка с прессшайбой и с насечками для раззенковки, шлиц TX, тип 17






Diameters Diametri	Limits Limiti	B	d1	P	TX
6,0	Min.	13,50	4,80	- 4,50	T30
	Max.	14,50	5,30		
8,0	Min.	22,00	6,80	- 5,50	T40
	Max.	23,50	7,20		
10,0	Min.	25,00	8,00	- 6,60	T40
	Max.	26,50	8,50		

## C10B21

- **Carbon steel: C10B21**  
Acciaio temperato: C10B21
- **Case hardness: HV 420-500**  
Durezza superficiale: HV 420-500
- **Core hardness: HV 300-390**  
Durezza a cuore: HV 300-390
- **Threaded section: as per listing**  
(Ex 6,0x200/70 = thread 70)  
Parte filettata: come da listino  
(Es. 6,0x200/70 = filetto 70)

# 67052

## SUPER TMT TX RAN DR

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 52 YELLOW ZINC Cr-3 ZINC. GIALLE Cr-3 € / 1.000			
6,0 x 30	T30	75,00	2.800 (14)	200	
40	T30	84,00	2.800 (14)	200	
50	T30	90,50	2.800 (14)	200	
60/35	T30	111,00	2.800 (14)	200	
70/42	T30	121,00	2.400 (12)	200	
80/50	T30	140,00	2.400 (12)	200	
90/50	T30	156,00	1.200 (12)	100	
100/50	T30	177,00	1.200 (12)	100	
110/50	T30	204,00	1.200 (12)	100	
120/50	T30	226,00	1.200 (12)	100	
130/60	T30	266,00	1.200 (12)	100	
140/70	T30	297,00	1.200 (12)	100	
150/70	T30	331,00	1.200 (12)	100	
160/70	T30	356,00	600 (6)	100	
180/70	T30	443,00	600 (6)	100	
200/70	T30	522,00	600 (6)	100	
220/70	T30	613,00	600 (6)	100	
240/70	T30	730,00	600 (6)	100	
260/70	T30	830,00	400 (4)	100	
280/70	T30	940,00	400 (4)	100	
300/70	T30	1.050,00	400 (4)	100	

8,0 x 50	T40	213,00	700 (14)	50
60/35	T40	251,00	700 (14)	50
70/42	T40	276,00	700 (14)	50
80/50	T40	288,00	700 (14)	50
100/50	T40	345,00	700 (14)	50
120/50	T40	412,00	600 (12)	50
140/80	T40	483,00	600 (12)	50
160/80	T40	550,00	600 (12)	50
180/80	T40	670,00	300 (6)	50
200/80	T40	822,00	300 (6)	50
220/80	T40	1.017,00	300 (6)	50
240/80	T40	1.196,00	300 (6)	50
260/80	T40	1.313,00	200 (4)	50
280/80	T40	1.480,00	200 (4)	50
300/80	T40	1.645,00	200 (4)	50
320/80	T40	1.798,00	200 (4)	50
340/80	T40	1.880,00	200 (4)	50
360/80	T40	2.107,00	200 (4)	50
380/80	T40	2.259,00	200 (4)	50
400/80	T40	2.494,00	200 (4)	50
420/100	T40	2.950,00	150 (3)	50
440/100	T40	3.100,00	150 (3)	50
450/100	T40	3.250,00	150 (3)	50

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 52 YELLOW ZINC Cr-3 ZINC. GIALLE Cr-3 € / 1.000			
10,0 x 80/40	T40	446,00	600 (12)	50	
100/50	T40	541,00	300 (6)	50	
120/50	T40	669,00	300 (6)	50	
140/80	T40	758,00	300 (6)	50	
160/80	T40	963,00	300 (6)	50	
180/80	T40	1.120,00	300 (6)	50	
200/80	T40	1.344,00	300 (6)	50	
220/80	T40	1.624,00	300 (6)	50	
240/80	T40	1.802,00	200 (4)	50	
260/80	T40	1.962,00	200 (4)	50	
280/80	T40	2.147,00	200 (4)	50	
300/80	T40	2.381,00	100 (4)	25	
320/80	T40	2.666,00	100 (4)	25	
340/80	T40	2.976,00	100 (4)	25	
360/80	T40	3.200,00	100 (4)	25	
380/80	T40	3.520,00	100 (4)	25	
400/80	T40	3.840,00	100 (4)	25	

**YELLOW ZINC finishing (Cr VI) available until end of stock.**  
Finitura ZINCATA GIALLA (Cr VI) disponibile fino ad esaurimento scorte.



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 87052

## SUPER TSP TX DR



ALWAYS UP-TO-DATE WITH REGULATIONS

Cr3  
FINISHING

MORE INFO ON PAGE 14

RoHS  
compliant

**TG 52** YELLOW  
Znc Cr3 3µm  
36 hr



Page 126

**TG 31** TOP  
Znc Cr3 8µm  
120 hr



Page 117

**TG 41** SUPER TOP  
ENDURO  
1,000 hr



16/0381



EN 14592



### CARPENTRY WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17

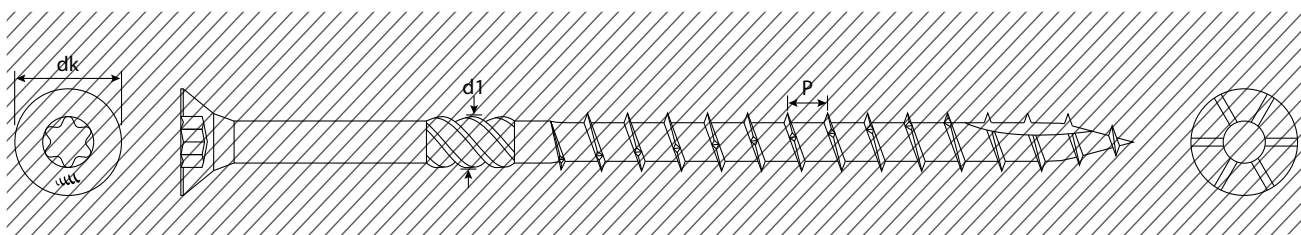
Italy Viti per carpenteria in legno TSP TX super svasante autoperforante

Germany Holzbauschrauben Flachsenkkopf TX-Antrieb Fräsrippen Schafffräser Cut-Spitze

France Vis pour charpente tête fraisée crantée TX et type 17

Spain Tornillos para carpintería cabeza plana estriada TX punta type 17

Russia Шурупы для деревянных конструкций плоская потайная головка с насечками для раззенковки и ребрами, шлиц TX, тип 17



Diameters Diametri	Limits Limiti	dk	d1	P	TX
3,0	Min.	5,65	2,80	~ 1,45	T10
	Max	6,05	3,20		
3,5	Min.	6,65	3,10	~ 2,15	T15
	Max	7,05	3,40		
4,0	Min.	7,50	3,50	~ 2,52	T20
	Max	8,00	3,80		
4,5	Min.	8,50	3,70	~ 2,80	T25
	Max	9,00	4,00		
5,0	Min.	9,64	3,70	~ 3,20	T25
	Max	10,00	4,40		

Diameters Diametri	Limits Limiti	dk	d1	P	TX
6,0	Min.	11,50	4,80	~ 4,70	T30
	Max	12,10	5,20		
8,0	Min.	14,30	6,80	~ 5,50	T40
	Max	15,00	7,20		
10,0	Min.	17,40	8,00	~ 6,60	T40
	Max	18,20	8,50		
12,0	Min.	21,00	9,50	~ 6,00	T50
	Max	22,00	9,80		

## C10B21

### Carbon steel: C10B21

Acciaio temperato: C10B21

### Case hardness: HV 420-500

Durezza superficiale: HV 420-500

### Core hardness: HV 300-390

Durezza a cuore: HV 300-390

### Threaded section: as per listing

(Ex 4,0x30/18 = thread 18)

Parte filettata: come da listino


(Es. 4,0x30/18 = filetto 18)

# 87052

## SUPER TSP TX DR

FINISHING		PACKAGING		
SIZES MISURE	TX	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 € / 1.000		
3,0 x 16	T10	13,00	24.000 (24)	1.000
20	T10	14,00	12.000 (12)	1.000
25/15	T10	16,00	6.000 (12)	500
30/18	T10	17,00	6.000 (12)	500
35/20	T10	19,00	6.000 (12)	500
40/24	T10	21,00	6.000 (12)	500
3,5 x 16	T15	14,00	12.000 (12)	1.000
20	T15	15,50	12.000 (12)	1.000
25/15	T15	18,00	6.000 (12)	500
30/18	T15	19,50	6.000 (12)	500
35/20	T15	21,00	6.000 (12)	500
40/24	T15	24,00	4.000 (8)	500
45/27	T15	28,00	2.400 (12)	200
50/30	T15	30,00	2.400 (12)	200
60/35	T15	37,00	2.400 (12)	200
4,0 x 16	T20	19,00	12.000 (24)	500
20	T20	20,00	6.000 (12)	500
25/15	T20	21,50	6.000 (12)	500
30/18	T20	24,00	6.000 (12)	500
35/20	T20	27,00	4.000 (8)	500
40/24	T20	29,00	4.000 (8)	500
45/27	T20	34,00	2.400 (12)	200
50/30	T20	36,50	2.400 (12)	200
60/35	T20	45,00	2.400 (12)	200
70/42	T20	53,00	2.400 (12)	200
4,5 x 30/18	T25	33,00	6.000 (12)	500
35/20	T25	36,00	2.400 (12)	200
40/24	T25	39,50	2.400 (12)	200
45/27	T25	43,00	2.400 (12)	200
50/30	T25	50,00	2.400 (12)	200
60/35	T25	57,00	2.400 (12)	200
70/42	T25	63,00	1.600 (8)	200
80/50	T25	76,00	1.600 (8)	200

**YELLOW ZINC finishing (Cr VI) available until end of stock.**  
 Finitura ZINCATA GIALLA (Cr VI) disponibile fino ad esaurimento scorte.

FINISHING		PACKAGING		
SIZES MISURE	TX	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 € / 1.000		
5,0 x 30	T25	37,00	2.400 (12)	200
35/20	T25	42,00	2.400 (12)	200
40/24	T25	47,00	2.400 (12)	200
45/27	T25	51,50	2.400 (12)	200
50/30	T25	54,00	2.400 (12)	200
<b>B</b> 60/35	T25	66,00	1.600 (8)	200
<b>B</b> 70/42	T25	73,00	1.600 (8)	200
<b>B</b> 80/50	T25	84,00	1.600 (8)	200
90/50	T25	99,00	1.200 (12)	100
100/50	T25	112,00	1.200 (12)	100
110/60	T25	128,00	600 (6)	100
120/70	T25	150,00	600 (6)	100
6,0 x 40/24	T30	69,00	2.400 (12)	200
45/27	T30	77,00	1.600 (8)	200
50/30	T30	83,00	1.600 (8)	200
60/35	T30	93,00	1.200 (6)	200
<b>B</b> 70/42	T30	104,00	1.200 (6)	200
<b>B</b> 80/50	T30	119,00	1.200 (6)	200
<b>B</b> 90/50	T30	145,00	1.200 (12)	100
<b>B</b> 100/50	T30	155,00	800 (8)	100
110/60	T30	181,00	600 (6)	100
<b>B</b> 120/70	T30	186,00	600 (6)	100
130/70	T30	215,00	600 (6)	100
<b>B</b> 140/70	T30	233,00	600 (6)	100
150/70	T30	260,00	600 (6)	100
<b>B</b> 160/70	T30	280,00	600 (6)	100
180/70	T30	353,00	400 (4)	100
200/70	T30	442,00	400 (4)	100
220/70	T30	555,00	600 (6)	100
240/70	T30	667,00	600 (6)	100
260/70	T30	759,00	400 (4)	100
280/70	T30	892,00	400 (4)	100
300/70	T30	995,00	400 (4)	100



**B** Bulk page 149  
 Confezione industriale pag. 149



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRIANGULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS






BITS





## 87052

## SUPER TSP TX DR



## CARPENTRY WOOD SCREWS TX FLAT HEAD WITH SERRATION, RIBS UNDER HEAD AND TYPE 17

-  Viti per carpenteria in legno TSP TX super svasante autopercorante
-  Holzbauschrauben Flachsenkopf TX-Antrieb Fräsrippen Schaftfräser Cut-Spitze
-  Vis pour charpente tête fraisée crantée TX et type 17
-  Tornillos para carpintería cabeza plana estriada TX punta type 17
-  Винты для деревянных конструкций плоская потайная головка с насечками для раззенковки и ребрами, шлиц TX, тип 17

FINISHING		PACKAGING			FINISHING		PACKAGING		
SIZES MISURE	TX	TG 52 YELLOW ZINC Cr3 ZINC. GIALLE Cr3 €/ 1.000			SIZES MISURE	TX	TG 52 YELLOW ZINC Cr3 ZINC. GIALLE Cr3 €/ 1.000		
8,0 x 50	T40	202,00	1.400 (14)	100	10,0 x 80/40	T40	388,00	700 (14)	50
60/35	T40	206,00	1.400 (14)	100	100/60	T40	442,00	700 (14)	50
70/42	T40	215,00	1.400 (14)	100	120/80	T40	514,00	600 (12)	50
<b>SB</b> 80/50	T40	235,00	1.400 (14)	100	140/80	T40	646,00	600 (12)	50
90/50	T40	265,00	1.400 (14)	100	160/80	T40	707,00	500 (10)	50
<b>SB</b> 100/50	T40	275,00	1.400 (14)	100	180/80	T40	900,00	300 (6)	50
<b>SB</b> 120/80	T40	333,00	1.200 (12)	100	200/80	T40	996,00	300 (6)	50
<b>SB</b> 140/80	T40	411,00	1.000 (10)	100	220/80	T40	1.270,00	300 (6)	50
150/80	T40	480,00	1.000 (10)	100	240/80	T40	1.381,00	300 (6)	50
<b>SB</b> 160/80	T40	490,00	700 (7)	100	250/80	T40	1.490,00	200 (4)	50
<b>SB</b> 180/80	T40	615,00	600 (6)	100	260/80	T40	1.545,00	200 (4)	50
<b>SB</b> 200/80	T40	730,00	600 (6)	100	280/80	T40	1.748,00	200 (4)	50
220/80	T40	855,00	500 (5)	100	300/80	T40	2.033,00	200 (4)	50
240/80	T40	1.011,00	500 (5)	100	320/80	T40	2.335,00	200 (4)	50
250/80	T40	1.076,00	400 (4)	100	340/80	T40	2.538,00	200 (4)	50
260/80	T40	1.094,00	400 (4)	100	350/80	T40	2.645,00	200 (4)	50
280/80	T40	1.251,00	400 (4)	100	360/80	T40	2.696,00	200 (4)	50
300/80	T40	1.417,00	400 (4)	100	380/80	T40	2.878,00	200 (4)	50
320/80	T40	1.634,00	200 (4)	50	400/80	T40	2.938,00	200 (4)	50
340/80	T40	1.800,00	200 (4)	50					
350/80	T40	1.875,00	200 (4)	50	12,0 x 600/120	T50	9.805,00	75 (3)	25
360/80	T40	1.900,00	200 (4)	50					
380/80	T40	2.155,00	200 (4)	50					
400/80	T40	2.220,00	200 (4)	50					
420/100	T40	2.830,00	150 (3)	50					
440/100	T40	3.080,00	150 (3)	50					
450/100	T40	3.270,00	150 (3)	50					
500/100	T40	4.050,00	150 (3)	50					

**YELLOW ZINC finishing (Cr VI) available until end of stock.**  
Finitura ZINCATA GIALLA (Cr VI) disponibile fino ad esaurimento scorte.

**SB**

AVAILABLE // DISPONIBILE

**SPECIAL BOX**Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

Page 48

# 87052

## SUPER TSP TX DR

# B



### Bulk // Confezione industriale

FINISHING		PACKAGING	
SIZES MISURE	TX	TG 52 YELLOW ZINC Cr3 ZINC. GIALLE Cr3 € / 1.000	
5,0 x 60/35	T25	63,60	3.000
70/42	T25	70,40	2.000
80/50	T25	81,00	2.000
6,0 x 70/42	T30	100,20	2.000
80/50	T30	113,80	1.800
90/50	T30	139,80	1.600
100/50	T30	149,50	1.200
120/70	T30	179,30	800
140/70	T30	224,60	500
160/70	T30	269,90	500

[ambrovit.it/video](https://www.youtube.com/watch?v=ambrovit/video)  
**TUTORIAL**



**PLAY**  
THE VIDEO

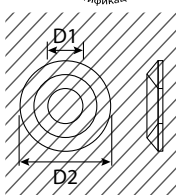


# 00077

RAN TX



Добровольная  
сертификация  
**PGT**



## CONICAL WASHERS FOR WOODEN CARPENTRY

Ranelle coniche per viti per travi lamellari Unterlegscheiben für holzbauschrauben Rondelles coniques pour vis charpente  
 Arandelas para tornillos para carpintería de madera Конические шайбы к винтам по дереву

Diameters Diametri	D1	D2
M 6	7,50	19,50
M 8	8,50	25,00
M 10	11,00	32,00
M 12	14,00	37,50



SIZES	PACKAG.	
Ø	TG 52 YELLOW ZINC Cr3 ZINC. GIALLE Cr3 € / 1.000	
	6 mm	523,10 100
	8 mm	661,40 100
	10 mm	975,20 100
	12 mm	1.240,20 50

## C10008AK

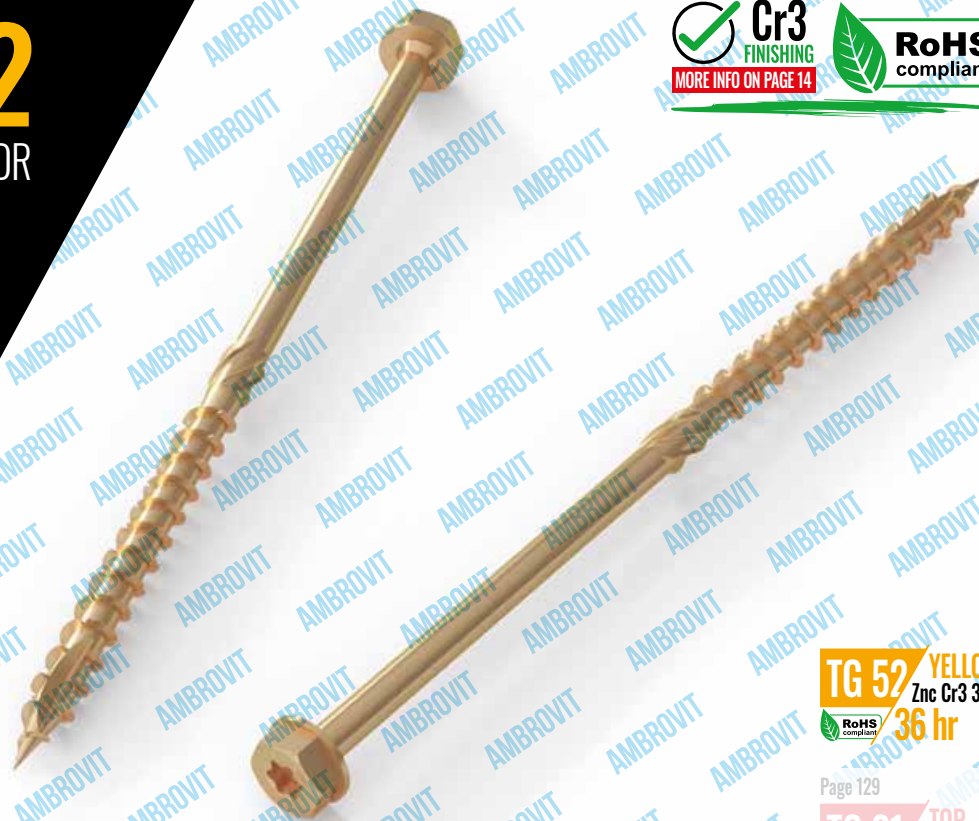
- Carbon steel: C10008AK  
Acciaio temperato: C10008AK
- Class 5.8 steel  
Acciaio Classe 5.8

# 97052

## SUPER TE TX RAN DR



ALWAYS UP-TO-DATE WITH REGULATIONS



**TG 52** YELLOW  
Znc Cr3 3µm  
RoHS compliant  
**36 hr**

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**TG 31** TOP  
Znc Cr3 8µm  
RoHS compliant  
**120 hr**



16/0381



EN 14592



### CARPENTRY WOOD SCREWS TX HEXAGON WASHER HEAD WITH SERRATION AND TYPE 17

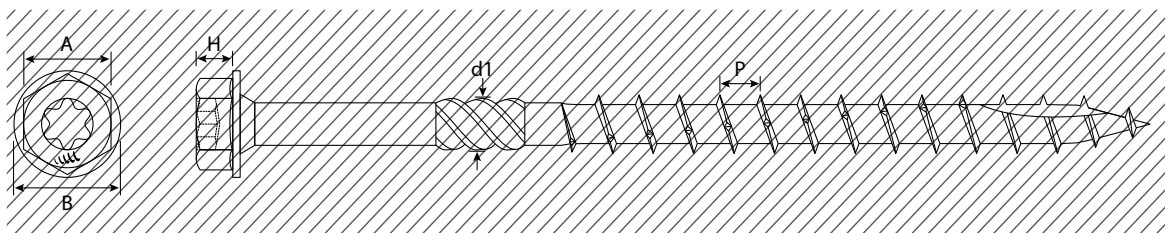
🇮🇹 Viti per carpenteria in legno TE ranellata TX super svasante autoperforante

🇩🇪 Holzbauschrauben Sechskantkopf mit Flansch TX-Antrieb Schafffräser Cut-Spitze

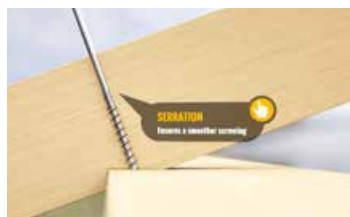
🇫🇷 Vis pour charpente tête hexagonale à embase TX et type 17

🇪🇸 Tornillos para carpintería cabeza hexagonal+arandela TX punta type 17

🇷🇺 Шурупы для деревянных конструкций шестигранная головка с шайбой с насечками для раззенковки, шлиц TX, тип 17



ambrovit.it/video  
**TUTORIAL**



Diameters Diametri	Limits Limiti	H	B	A	d1	P	TX
8,0	Min.	4,80	14,00	11,78	6,80	~5,50	T40
	Max.	5,20	15,00	12,00	7,20		
10,0	Min.	5,60	17,00	14,78	8,00	~6,60	T40
	Max.	6,00	18,00	15,00	8,50		
12,0	Min.	6,50	22,00	16,73	9,50	~6,00	T50
	Max.	7,00	24,00	17,00	9,80		

## C10B21

■ **Carbon steel: C10B21**

Acciaio temperato: C10B21

■ **Case hardness: HV 420-500 0.3 Diam. 8 - 10**  
HV 420-520 0.3 Diam. 12

Durezza superficiale: HV 420-500 0.3 Diam. 8 - 10  
HV 420-520 0.3 Diam. 12

■ **Core hardness: HV 300-390 0.3**  
Durezza a cuore: HV 300-390 0.3

■ **Threaded section: as per listing**  
(Ex 8,0x140/80 = thread 80)  
Parte filettata: come da listino  
(Es. 8,0x140/80 = filetto 80)



**PLAY**  
THE VIDEO



# 97052

## SUPER TE TX RAN DR



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRIANGULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

FINISHING		PACKAGING		
SIZES MISURE	TX	TG 52		
		YELLOW ZINC Cr3 ZINC. GIALLE Cr3 € / 1.000		
8,0 x 80	T40	385,00	400 (4)	100
120/50	T40	584,00	800 (8)	100
140/80	T40	636,00	800 (8)	100
160/80	T40	827,00	600 (6)	100
180/80	T40	1.049,00	600 (6)	100
200/80	T40	1.200,00	600 (6)	100
220/80	T40	1.500,00	500 (5)	100
240/80	T40	1.760,00	500 (5)	100
260/80	T40	2.200,00	400 (4)	100
280/80	T40	2.420,00	400 (4)	100
300/80	T40	2.600,00	400 (4)	100
10,0 x 160/80	T40	1.166,00	300 (6)	50
180/80	T40	1.474,00	300 (6)	50
200/80	T40	1.830,00	300 (6)	50
220/80	T40	2.032,00	300 (6)	50
240/80	T40	2.300,00	300 (6)	50
260/80	T40	2.600,00	200 (4)	50
280/80	T40	2.950,00	200 (4)	50
300/80	T40	3.250,00	200 (4)	50
320/80	T40	3.546,00	200 (4)	50
340/80	T40	3.862,00	200 (4)	50
360/80	T40	4.088,00	200 (4)	50
380/80	T40	4.377,00	200 (4)	50
400/80	T40	4.800,00	200 (4)	50
12,0 x 160/80	T50	1.800,00	300 (6)	50
180/80	T50	2.114,00	300 (6)	50
200/80	T50	2.405,00	300 (6)	50
220/80	T50	2.888,00	250 (5)	50
240/80	T50	3.281,00	200 (4)	50
260/80	T50	3.830,00	200 (4)	50
280/80	T50	4.229,00	200 (4)	50
300/80	T50	4.640,00	100 (4)	25
320/80	T50	5.300,00	100 (4)	25
340/80	T50	5.900,00	100 (4)	25
360/80	T50	6.400,00	100 (4)	25
380/80	T50	6.900,00	100 (4)	25
400/80	T50	7.500,00	100 (4)	25

**YELLOW ZINC finishing (Cr VI) available until end of stock.**

Finitura ZINCATA GIALLA (Cr VI) disponibile fino ad esaurimento scorte.

# 04354

TSPG/SM



ALWAYS UP-TO-DATE WITH REGULATIONS

Cr3  
FINISHING

MORE INFO ON PAGE 14

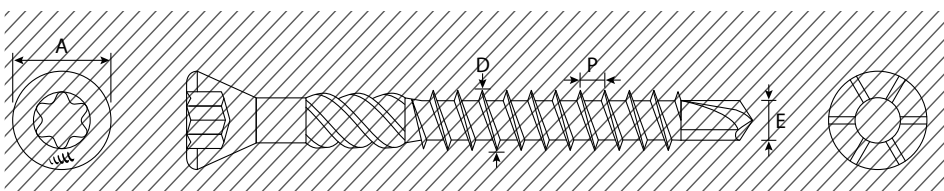
RoHS  
compliant

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TG 51 BASE  
Znc Cr3 3µm  
RoHS compliant  
24 hrTG 52 YELLOW  
Znc Cr3 3µm  
RoHS compliant  
36 hr

## CARPENTRY WOOD FLOOR BOARD SCREWS TX 60° SMALL HEAD W/RIBS, SERRATION AND DRILLING POINT

- Viti per pavimenti testa ridotta 60° TX con alette svasanti autoperforanti
- Dielenschrauben kleiner Kopf 60° TX-Antrieb Fräsrippen Schafffräser und Bohrspitze
- Vis pour sols tête réduite 60° crantée TX et autoperceuse
- Tornillos para listones de madera cabeza reducida 60° estriada TX y punta broca
- Шурупы для деревянных конструкций уменьшенная головка 60° с ребрами, шлиц TX, самосверлящие с насечками для раззенковки

[ambrovit.it/video/tutorial/](https://ambrovit.it/video/tutorial/)**TUTORIAL**

Diameters Diametri	Limits Limiti	A	D	E	P	TX
3,2	Min.	5,00	3,05	2,00	~ 1,30	T10
	Max	5,40	3,30	2,20		





## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: Min. HV 560 0.3**  
Durezza superficiale: Min. HV 560 0.3
- **Core hardness: HV 330-420 0.3**  
Durezza a cuore: HV 330-420 0.3
- **Threaded section: as per listing**  
(Ex 3,2x30/18 = thread 18)  
Parte filettata: come da listino  
(Es. 3,2x30/18 = filetto 18)

**PLAY  
THE VIDEO**

# 04354

## TSPG/SM

FINISHING		PACKAGING				
SIZES MISURE	TX					
		TG 52 YELLOW ZINC Cr3 ZINC. GIALLE Cr3 € / 1.000				
TWS	3,2 x 20	T10	19,50	12.000 (12)	4.000 (4)	1.000
TWS	25/18	T10	21,50	6.000 (12)	2.000 (4)	500
TWS	30/18	T10	25,00	6.000 (12)	2.000 (4)	500
TWS	35/24	T10	27,00	6.000 (12)	2.000 (4)	500
TWS	40/29	T10	29,50	6.000 (12)	2.000 (4)	500
	45/29	T10	33,50	4.000 (8)	2.000 (4)	500
	50/34	T10	38,50	4.000 (8)	2.000 (4)	500
	60/39	T10	46,50	2.400 (12)	800 (4)	200

**TWS** Thread without serration  
Filetto senza parte alesatrice



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 24 Hr

## Znc Cr3 3µm

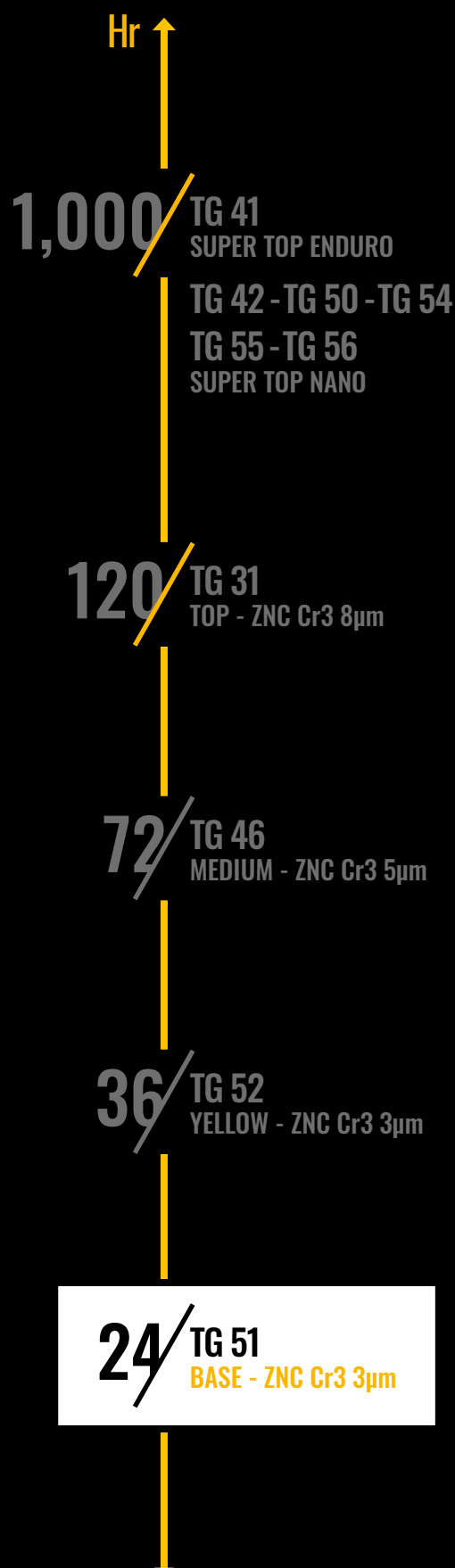
### GALVANIC ZINC COATINGS

#### Trattamenti galvanici di zincatura

There are three types of Cr3 galvanic treatments in the carpentry wood section, which differ in terms of strength and micron thickness. They are suitable for uses in urban and industrial environments, with moderate sulphur dioxide pollution as well as in coastal areas, with moderate salinity.

These treatments follow the European Community Directive RoHS 2011/65/EC "RoHS" (Restriction of Hazardous Substances Directive) and comply with the norms about the use of dangerous substances in electrical and electronic equipment (EEE), in order to contribute to their proper recycling and disposal.

Tre le tipologie di Zincatura Cr3 presenti nella sezione carpenteria, che differiscono tra loro in termini di resistenza e spessore in micron. Idonee ad utilizzi in ambienti urbani ed industriali con modesto inquinamento di anidride solforosa ed in zone costiere con moderata salinità. Questi trattamenti sono da tempo allineati alla Direttiva Comunitaria Europea RoHS 2011/65/CE "RoHS" (Restriction of Hazardous Substances Directive) e conformi alle norme riguardanti l'uso di sostanze nocive, quindi pericolose, nelle apparecchiature elettriche ed elettroniche (AEE), al fine di contribuire al loro corretto recupero e smaltimento.



# 04354

TSPG/SM



ALWAYS UP-TO-DATE WITH REGULATIONS

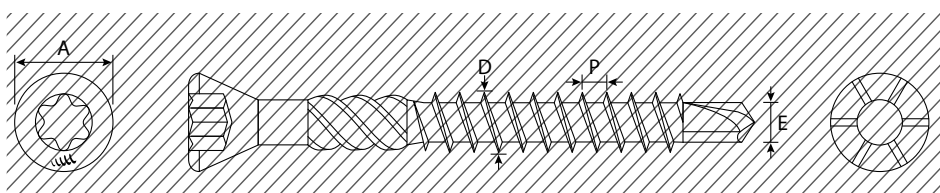
TG 51 BASE  
Znc Cr3 3µm  
24 hr

Page 152

TG 52 YELLOW  
Znc Cr3 3µm  
36 hr

## CARPENTRY WOOD FLOOR BOARD SCREWS TX 60° SMALL HEAD W/RIBS, SERRATION AND DRILLING POINT

- 🇮🇹 Viti per pavimenti testa ridotta 60° TX con alette svasanti autopercoranti
- 🇩🇪 Dielenschrauben kleiner Kopf 60° TX-Antrieb Fräsrippen Schafffräser und Bohrspitze
- 🇫🇷 Vis pour sols tête réduite 60° crantée TX et autoperceuse
- 🇪🇸 Tornillos para listones de madera cabeza reducida 60° estriada TX y punta broca
- 🇷🇺 Шурупы для деревянных конструкций уменьшенная головка 60° с ребрами, шлиц TX, самосверлящие с насечками для раззенковки

[ambrovit.it/video/TUTORIAL](https://ambrovit.it/video/tutorial/)

# PLAY THE VIDEO

Diameters Diametri	Limits Limiti	A	D	E	P	TX
3,2	Min. Max	5,00 5,40	3,05 3,30	2,00 2,20	~1,30	T10

## C1022






- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: Min. HV 560 0.3**  
Durezza superficiale: Min. HV 560 0.3
- **Core hardness: HV 330-420 0.3**  
Durezza a cuore: HV 330-420 0.3
- **Threaded section: as per listing**  
(Ex 3,2x30/18 = thread 18)  
Parte filettata: come da listino  
(Es. 3,2x30/18 = filetto 18)




# 04354

## TSPG/SM



### CARPENTRY WOOD FLOOR BOARD SCREWS TX 60° SMALL HEAD W/RIBS, SERRATION AND DRILLING POINT

-  Viti per pavimenti testa ridotta 60° TX con alette svasanti autopercoranti
-  Dielenschrauben kleiner Kopf 60° TX-Antrieb Fräsrippen Schafffräser und Bohrspitze
-  Vis pour sols tête réduite 60° crantée TX et autoperceuse
-  Tornillos para listones de madera cabeza reducida 60° estriada TX y punta broca
-  Шурупы для деревянных конструкций уменьшенная головка 60° с ребрами, шлиц TX, самосверлящие с насечками для раззенковки

		FINISHING		PACKAGING		
SIZES MISURE	TX	TG 51 BLUE ZNC Cr-3 ZINCATE Cr-3 €/ 1.000				
<b>TWS</b> 3,2 x 20	T10	18,00	12.000 (12)	4.000 (4)	1.000	
<b>TWS</b> 25/18	T10	20,50	6.000 (12)	2.000 (4)	500	
<b>TWS</b> 30/18	T10	23,50	6.000 (12)	2.000 (4)	500	
<b>TWS</b> 35/24	T10	25,50	6.000 (12)	2.000 (4)	500	
<b>TWS</b> 40/29	T10	27,50	6.000 (12)	2.000 (4)	500	
45/29	T10	31,00	4.000 (8)	2.000 (4)	500	
50/34	T10	36,50	4.000 (8)	2.000 (4)	500	
60/39	T10	44,00	2.400 (12)	800 (4)	200	

**TWS** Thread without serration  
Filetto senza parte alesatrice

# 05452

TSP TX/S



ALWAYS UP-TO-DATE WITH REGULATIONS



SPECIAL BOX

BLIND RIVETS

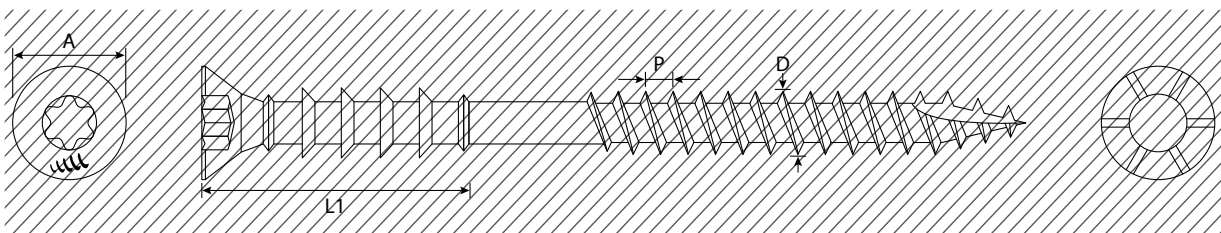
STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRIANGULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

## CARPENTRY WOOD SPACER SCREWS TX FLAT HEAD W/RIBS AND 2 DIFFERENT THREADS TYPE 17

- 🇮🇹 Viti distanziali TSP TX autoperforanti con alette svasanti 2 filetti speciali
- 🇩🇪 Justierschrauben Senkkopf TX-Antrieb Fräsrippen zwei Gewinde Cut-Spitze
- 🇫🇷 Vis d'espacement tête fraisée crantée TX double filetage et type 17
- 🇪🇸 Tornillos distanciadores cabeza plana estriada TX doble rosca paso diferencial punta type 17
- 🇷🇺 Шурупы для деревянных конструкций потайная головка с ребрами двойная резьба шлиц TX, тип 17

**TG 51** BASE  
Znc Cr3 3µm  
24 hr



# PLAY THE VIDEO

Diameters Diametri	Limits Limiti	A	L1	D	P	TX
6,0	Min. Max	9,80 10,20	21,00 23,00	5,70 6,00	-2,60	T25

## C1022






- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 480-620 0.3**  
Durezza superficiale: HV 480-620 0.3
- **Core hardness: HV 320-440 0.3**  
Durezza a cuore: HV 320-440 0.3
- **Threaded section: as per listing**  
(Ex 6,0x60/30 = thread 30)  
Parte filettata: come da listino  
(Es. 6,0x60/30 = filetto 30)








# 05452

## TSP TX/S



### CARPENTRY WOOD SPACER SCREWS TX FLAT HEAD W/RIBS AND 2 DIFFERENT THREADS TYPE 17

-  Viti distanziali TSP TX autoperforanti con alette svasanti 2 filetti speciali
-  Justierschrauben Senkkopf TX-Antrieb Fräsrippen zwei Gewinde Cut-Spitze
-  Vis d'espacement tête fraisée cranée TX double filetage et type 17
-  Tornillos distanciadores cabeza plana estriada TX doble rosca paso diferencial punta type 17
-  Шурупы для деревянных конструкций потайная головка с ребрами двойная резьба шлиц TX, тип 17

FINISHING		PACKAGING			
SIZES MISURE	TX				
		T6-51 BLUE ZNC Cr:3 ZINCATE Cr:3 € / 1.000			
<b>6,0 x 60/30</b>	T25	110,00	1.200 (6)	400 (2)	200
<b>70/40</b>	T25	125,00	1.200 (6)	400 (2)	200
<b>80/50</b>	T25	140,00	1.200 (6)	400 (2)	200
<b>90/50</b>	T25	165,00	800 (8)	400 (4)	100
<b>100/60</b>	T25	185,00	800 (8)	400 (4)	100
<b>110/60</b>	T25	215,00	600 (6)	200 (2)	100
<b>120/60</b>	T25	235,00	600 (6)	200 (2)	100
<b>130/60</b>	T25	260,00	600 (6)	200 (2)	100
<b>145/60</b>	T25	310,00	600 (6)	200 (2)	100
<b>160/60</b>	T25	360,00	600 (6)	200 (2)	100





SPECIAL BOX

BLIND RIVETS

STAINLESS STEEL  
SCREWS

HEX LAG  
SCREWS

DRYWALL  
SCREWS

CARPENTRY WOOD  
SCREWS

CHIPBOARD  
SCREWS

DOME & EURO  
SCREWS

MACHINE  
SCREWS

TRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODS

SELF-TAPPING  
SCREWS






CONCRETE  
SCREWS

BLOCKFRAME  
SCREWS

SELF-DRILLING  
SCREWS

BITS

# CHIPBOARD SCREWS

-  Viti per pannelli truciolari
-  Spanplattenschrauben
-  Vis pour panneaux d'aggloméré
-  Tornillos para madera
-  Винты для древесно-стружечных панелей



**AMBROVIT® MAIN DATA**

**44,000**  
PALLETS

**3,000**  
TRAYS

**1,500**  
CLIENTS

**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS

**09062** TC TX / PAGE 162



**07052** TSP TX / PAGE 164



**05052** TSP PZ / PAGE 167



**95052** TSP PZ / PAGE 171

NEW PRODUCT



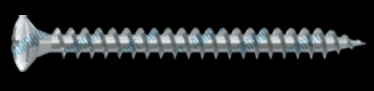
**05352** TSP PZ FT / PAGE 173



**05062** TC PZ / PAGE 175



**05072** TGS PZ / PAGE 178



**05152** TSP PZ PT / PAGE 180



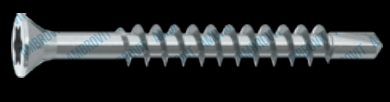
**05053** TSP PZ HO / PAGE 182



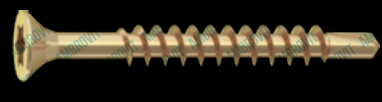
**05142** TSP PZ SM / PAGE 184



**04054** TSP TX SM DR / PAGE 185



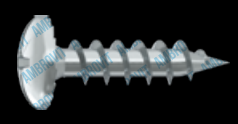
**04052** TSP TX DR / PAGE 187



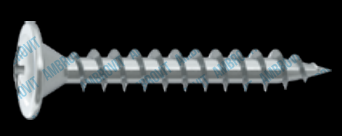
**08062** TMT TX C/COLLARE / PAGE 189



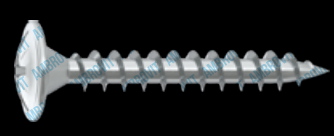
**05068** TMT PZ / PAGE 191



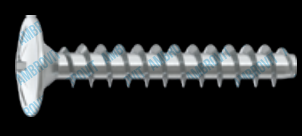
**08052** TMT PZ RAN / PAGE 192



**78052** TMT RAN K / PAGE 193



**78552** TMT RAN K S/P / PAGE 194



# 09062

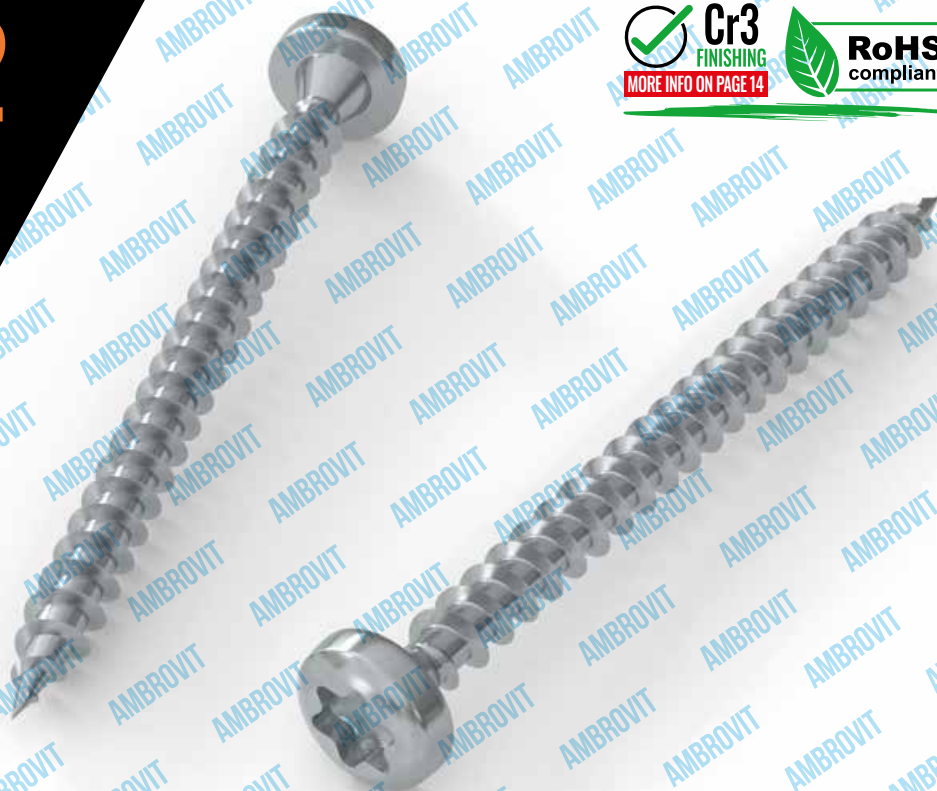
TC TX



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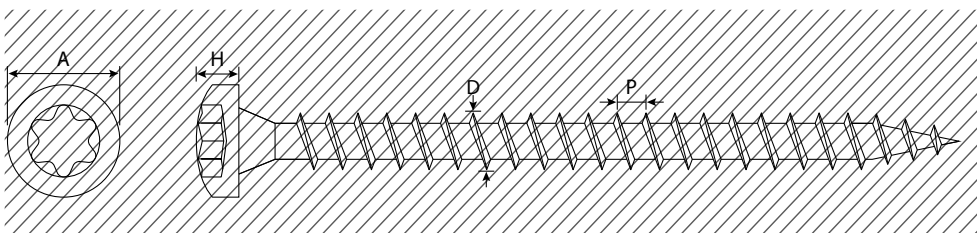


MORE INFO ON PAGE 14



## CHIPBOARD SCREWS TX PAN HEAD

- Viti per pannelli truciolari testa cilindrica TX
- Spanplattenschrauben Pan Head TX-Antrieb
- Vis pour panneaux d'aggloméré tête cylindrique TX
- Tornillos para madera cabeza redonda TX
- Шурупы для древесно-стружечных панелей полусферическая головка шлиц TX



Diameters Diametri	Limits Limiti	A	H	D	P	TX
3,0	Min.	5,50	2,16	2,75	-1,50	T10
	Max	6,00	2,41	3,05		
3,5	Min.	6,60	2,46	3,35	-1,80	T15
	Max	7,00	2,71	3,55		
4,0	Min.	7,60	2,83	3,80	-2,00	T20
	Max	8,00	3,08	4,10		
4,5 *	Min.	8,60	3,03	4,30	-2,20	T20
	Max	9,00	3,33	4,60		
5,0 *	Min.	9,60	3,50	4,75	-2,60	T20
	Max	10,00	3,80	5,10		
6,0	Min.	11,00	4,35	5,75	-3,10	T30
	Max	11,50	4,65	6,20		





\* Available some sizes with TX25  
Disponibili alcune misure TX25

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 470-720 0.3**  
Durezza superficiale: HV 470-720 0.3
- **Core hardness: HV 300-430 0.3**  
Durezza a cuore: HV 300-430 0.3
- **Threaded section: as per listing**  
(Ex 6x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 6x70/60 = filetto 60)

# 09062

## TC TX

FINISHING		PACKAGING			
SIZES MISURE	TX	 T6 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
<b>25</b>	T10	15,53	8.000 (8)	4.000 (4)	1.000
<b>30</b>	T10	17,47	6.000 (6)	2.000 (2)	1.000
<b>3,5 x 16</b>	T15	16,03	12.000 (12)	4.000 (4)	1.000
<b>20</b>	T15	17,56	12.000 (12)	4.000 (4)	1.000
<b>25</b>	T15	19,63	8.000 (8)	4.000 (4)	1.000
<b>30</b>	T15	22,06	6.000 (6)	2.000 (2)	1.000
<b>35</b>	T15	24,31	6.000 (6)	2.000 (2)	1.000
<b>40</b>	T15	27,01	4.000 (4)	2.000 (2)	1.000
<b>4,0 x 20</b>	T20	21,61	6.000 (12)	2.000 (4)	500
<b>25</b>	T20	24,22	6.000 (12)	2.000 (4)	500
<b>30</b>	T20	27,01	4.000 (8)	2.000 (4)	500
<b>35</b>	T20	29,35	4.000 (8)	2.000 (4)	500
<b>40</b>	T20	32,59	3.000 (6)	1.000 (2)	500
<b>45</b>	T20	37,71	2.000 (4)	1.000 (2)	500
<b>50</b>	T20	40,76	2.000 (4)	1.000 (2)	500
<b>4,5 x 20</b>	T20	25,59	6.000 (6)	2.000 (2)	1.000
<b>25</b>	T20	29,55	6.000 (6)	2.000 (2)	1.000
<b>30</b>	T20	33,15	4.000 (4)	2.000 (2)	1.000
<b>35</b>	T20	36,93	4.000 (4)	2.000 (2)	1.000
<b>40</b>	T20	40,89	3.000 (6)	1.000 (2)	500
<b>45</b>	T20	44,58	2.000 (4)	1.000 (2)	500
<b>50</b>	T20	48,27	2.000 (4)	1.000 (2)	500
<b>NEW 60/40</b>	T20	65,00	1.600 (8)	800 (4)	200
<b>5,0 x 16</b>	T20	33,86	6.000 (12)	2.000 (4)	500
<b>20</b>	T20	34,31	6.000 (12)	2.000 (4)	500
<b>25</b>	T20	38,27	4.000 (8)	2.000 (4)	500
<b>30</b>	T20	42,41	3.000 (6)	1.000 (2)	500
<b>35</b>	T20	46,82	2.000 (4)	1.000 (2)	500
<b>40</b>	T20	51,14	2.400 (12)	800 (4)	200
<b>45</b>	T20	55,64	1.600 (8)	800 (4)	200
<b>50</b>	T20	61,31	1.600 (8)	800 (4)	200
<b>60</b>	T20	70,41	1.600 (8)	800 (4)	200
<b>6,0 x 30</b>	T30	64,65	2.400 (12)	800 (4)	200
<b>35</b>	T30	70,95	1.600 (8)	800 (4)	200
<b>40</b>	T30	77,88	1.600 (8)	800 (4)	200
<b>50</b>	T30	91,21	1.600 (8)	800 (4)	200
<b>60</b>	T30	104,90	1.200 (6)	400 (2)	200
<b>70/60</b>	T30	120,48	1.200 (6)	400 (2)	200
<b>80/60</b>	T30	137,32	800 (4)	400 (2)	200



# 07052

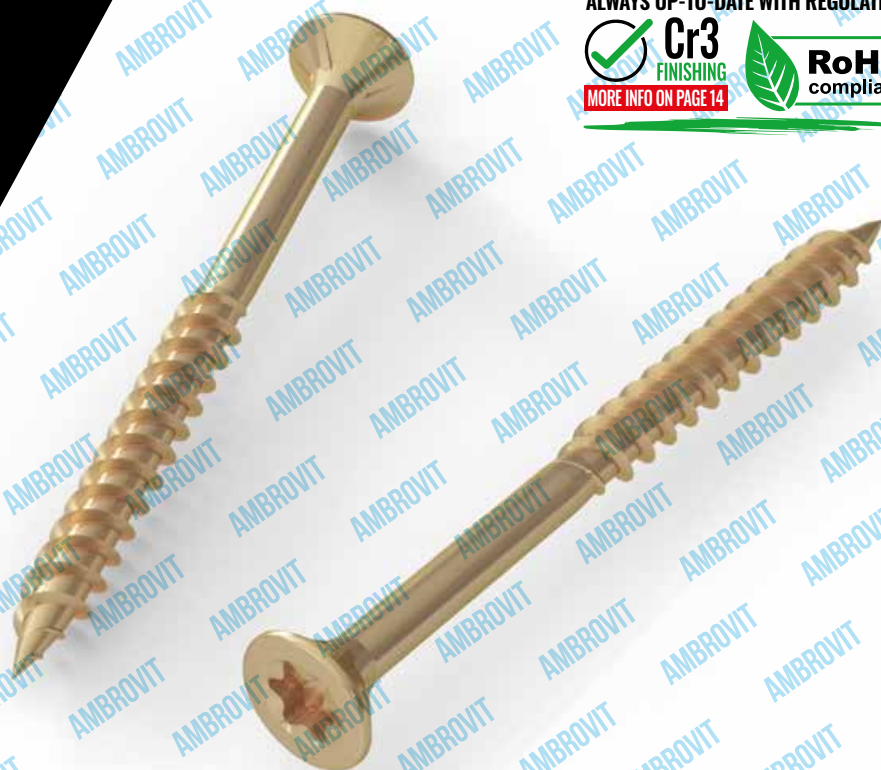
## TSP TX



ALWAYS UP-TO-DATE WITH REGULATIONS

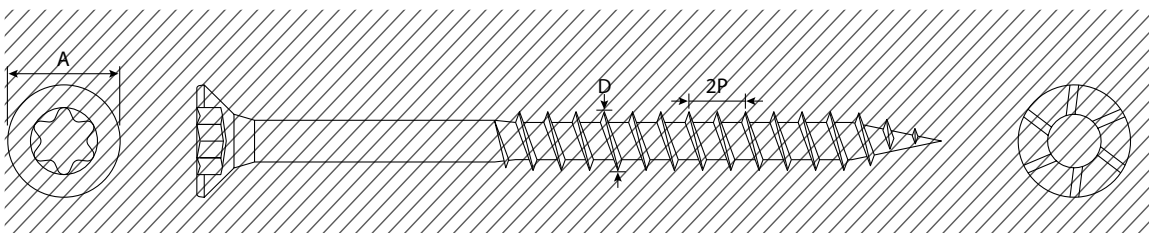


MORE INFO ON PAGE 14



### CHIPBOARD SCREWS TX FLAT HEAD AND TWIN THREAD W/RIBS

- Viti per pannelli truciolari TSP TX 2 principi con alette svasanti
- Spanplattenschrauben Flachsenkopf TX-Antrieb Doppelgewinde und Fräsrippen
- Vis pour panneaux d'aggloméré tête fraisée crantée TX deux principes
- Tornillos para madera cabeza plana estriada TX 2 principios
- Шурупы для древесно-стружечных панелей потайная головка и двойная резьба с ребрами, шлиц TX










Diameters Diametri	Limits Limiti	A	D	2P	TX
3,0	Min.	5,50	2,75	~2,80	T10
	Max	5,80	3,05		
3,5	Min.	6,40	3,35	~3,40	T15
	Max	6,70	3,55		
4,0	Min.	7,40	3,80	~3,80	T20
	Max	7,70	4,10		
4,5	Min.	8,20	4,30	~4,20	T25
	Max	8,50	4,60		
5,0	Min.	9,20	4,75	~4,60	T25
	Max	9,50	5,10		
6,0	Min.	10,90	5,75	~5,40	T30
	Max	11,40	6,20		

### C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 330-420**  
Durezza a cuore: HV 330-420
- **Threaded section: as per listing**  
(Ex 3,0x30/18 = thread 18)  
Parte filettata: come da listino  
(Es. 3,0x30/18 = filetto 18)

# 07052

## TSP TX

SIZES MISURE	TX	FINISHING			PACKAGING			
								
		TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 € / 1.000	TG 3 BRONZE PL. BRONZATE € / 1.000				
<b>3,0 x 12</b>	T10	9,30	9,85	10,85	24.000 (24)	4.000 (4)	1.000	40.000
<b>16</b>	T10	10,05	10,65	12,05	24.000 (24)	4.000 (4)	1.000	30.000
<b>20</b>	T10	11,70	12,40	13,95	12.000 (12)	4.000 (4)	1.000	25.000
<b>25</b>	T10	13,25	14,05	15,80	6.000 (12)	2.000 (4)	500	25.000
<b>30/18</b>	T10	14,00	14,85	16,85	6.000 (12)	2.000 (4)	500	20.000
<b>35/21</b>	T10	16,05	17,00	19,15	6.000 (12)	2.000 (4)	500	12.500
<b>40/25</b>	T10	19,40	20,00	21,40	6.000 (12)	2.000 (4)	500	12.500
<b>3,5 x 16</b>	T15	11,80	12,50	13,95	12.000 (12)	4.000 (4)	1.000	25.000
<b>20</b>	T15	12,90	13,65	15,35	12.000 (12)	4.000 (4)	1.000	20.000
<b>25</b>	T15	14,00	14,85	16,60	6.000 (12)	2.000 (4)	500	20.000
<b>30/18</b>	T15	15,45	16,35	18,30	6.000 (12)	2.000 (4)	500	12.500
<b>35/21</b>	T15	17,40	18,45	20,80	6.000 (12)	2.000 (4)	500	10.000
<b>40/25</b>	T15	21,35	22,00	23,55	4.000 (8)	2.000 (4)	500	10.000
<b>45/28</b>	T15	25,75	26,50	28,40	2.400 (12)	800 (4)	200	10.000
<b>50/30</b>	T15	27,65	28,50	30,50	2.400 (12)	800 (4)	200	6.000
<b>4,0 x 16</b>	T20	14,00	14,84	16,60	12.000 (24)	2.000 (4)	500	20.000
<b>20</b>	T20	15,15	16,05	18,00	6.000 (12)	2.000 (4)	500	16.000
<b>25</b>	T20	17,40	18,45	20,80	6.000 (12)	2.000 (4)	500	12.000
<b>30/18</b>	T20	19,45	20,60	23,15	6.000 (12)	2.000 (4)	500	10.000
<b>35/21</b>	T20	21,20	22,45	25,80	4.000 (8)	2.000 (4)	500	10.000
<b>40/25</b>	T20	27,20	28,00	30,00	4.000 (8)	2.000 (4)	500	8.000
<b>45/28</b>	T20	31,85	32,80	35,10	2.400 (12)	800 (4)	200	6.000
<b>50/30</b>	T20	34,15	35,20	41,00	2.400 (12)	800 (4)	200	5.000
<b>60/35</b>	T20	42,10	43,40	46,45	2.400 (12)	800 (4)	200	4.000
<b>70/45</b>	T20	49,50	51,00	54,60	2.400 (12)	800 (4)	200	3.000
<b>4,5 x 30/18</b>	T25	24,35	25,80	28,95	6.000 (12)	2.000 (4)	500	10.000
<b>35/21</b>	T25	26,20	27,75	31,10	2.400 (12)	800 (4)	200	8.000
<b>40/25</b>	T25	31,25	33,10	37,15	2.400 (12)	800 (4)	200	6.000
<b>45/28</b>	T25	37,75	38,90	41,65	2.400 (12)	800 (4)	200	5.000
<b>50/30</b>	T25	40,00	42,40	47,45	2.400 (12)	800 (4)	200	5.000
<b>60/35</b>	T25	48,30	51,20	57,10	2.400 (12)	800 (4)	200	4.000
<b>70/45</b>	T25	59,20	61,00	65,30	1.600 (8)	800 (4)	200	3.000
<b>80/48</b>	T25	70,85	73,00	78,15	1.600 (8)	800 (4)	200	2.000
<b>5,0 x 30/18</b>	T25	29,10	30,85	34,40	2.400 (12)	800 (4)	200	8.000
<b>35/21</b>	T25	33,20	35,20	39,15	2.400 (12)	800 (4)	200	6.000
<b>40/25</b>	T25	38,25	40,55	45,45	2.400 (12)	800 (4)	200	5.000
<b>45/28</b>	T25	44,65	46,00	49,25	2.400 (12)	800 (4)	200	4.000
<b>50/30</b>	T25	47,55	49,00	52,45	2.400 (12)	800 (4)	200	4.000
<b>55/35</b>	T25	54,90	58,20	64,90	2.400 (12)	800 (4)	200	4.000
<b>60/35</b>	T25	55,75	59,10	65,70	1.600 (8)	800 (4)	200	3.000
<b>70/45</b>	T25	64,70	68,55	76,35	1.600 (8)	800 (4)	200	2.000
<b>80/48</b>	T25	73,05	77,40	88,25	1.600 (8)	800 (4)	200	2.000
<b>90/48</b>	T25	94,10	97,00	103,80	1.200 (12)	400 (4)	100	1.500
<b>100/60</b>	T25	105,75	109,00	116,65	1.200 (12)	400 (4)	100	1.000
<b>120/60</b>	T25	140,65	145,00	155,15	600 (6)	200 (2)	100	800



**YELLOW ZINC finishing (Cr VI)  
available until end of stock.**






Finitura ZINCATA GIALLA (Cr VI)  
disponibile fino ad esaurimento scorte.





07052

TSP TX



## CHIPBOARD SCREWS TX FLAT HEAD AND TWIN THREAD W/RIBS

-  Viti per pannelli truciolari TSP TX 2 principi con alette svasanti
-  Spanplattenschrauben Flachsenkkopf TX-Antrieb Doppelgewinde und Fräsrippen
-  Vis pour panneaux d'aggloméré tête fraisée crantée TX deux principes
-  Tornillos para madera cabeza plana estriada TX 2 principios
-  Шурупы для древесно-стружечных панелей потайная головка и двойная резьба с ребрами, шлиц TX

SIZES MISURE	TX	FINISHING			PACKAGING			
		TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 € / 1.000	TG 3 BRONZE PL. BRONZATE € / 1.000				
6,0 x 40/25	T30	52,90	56,05	62,20	2.400 (12)	800 (4)	200	3.000
50/30	T30	68,40	72,50	80,15	1.600 (8)	800 (4)	200	2.500
60/35	T30	80,35	85,15	94,90	1.200 (6)	400 (2)	200	2.500
70/45	T30	93,65	96,50	103,30	1.200 (6)	400 (2)	200	2.000
80/48	T30	104,00	110,20	125,00	1.200 (6)	400 (2)	200	1.800
90/48	T30	116,15	123,10	140,00	1.200 (12)	400 (4)	100	1.600
100/60	T30	128,55	136,25	154,75	800 (8)	400 (4)	100	1.200
110/60	T30	165,90	171,00	183,00	600 (6)	200 (2)	100	1.000
120/60	T30	175,60	181,00	193,70	600 (6)	200 (2)	100	800
130/60	T30	203,70	210,00	224,70	600 (6)	200 (2)	100	500
140/60	T30	215,35	222,00	237,55	600 (6)	200 (2)	100	500
150/60	T30	242,50	250,00	267,50	600 (6)	200 (2)	100	500
160/60	T30	261,90	270,00	288,90	600 (6)	200 (2)	100	500
180/60	T30	334,65	345,00	369,15	400 (4)	200 (2)	100	500
200/60	T30	420,05	433,00	463,35	400 (4)	200 (2)	100	500

**YELLOW ZINC finishing (Cr VI) available until end of stock.**

Finitura ZINCATA GIALLA (Cr VI) disponibile fino ad esaurimento scorte.



# 05052

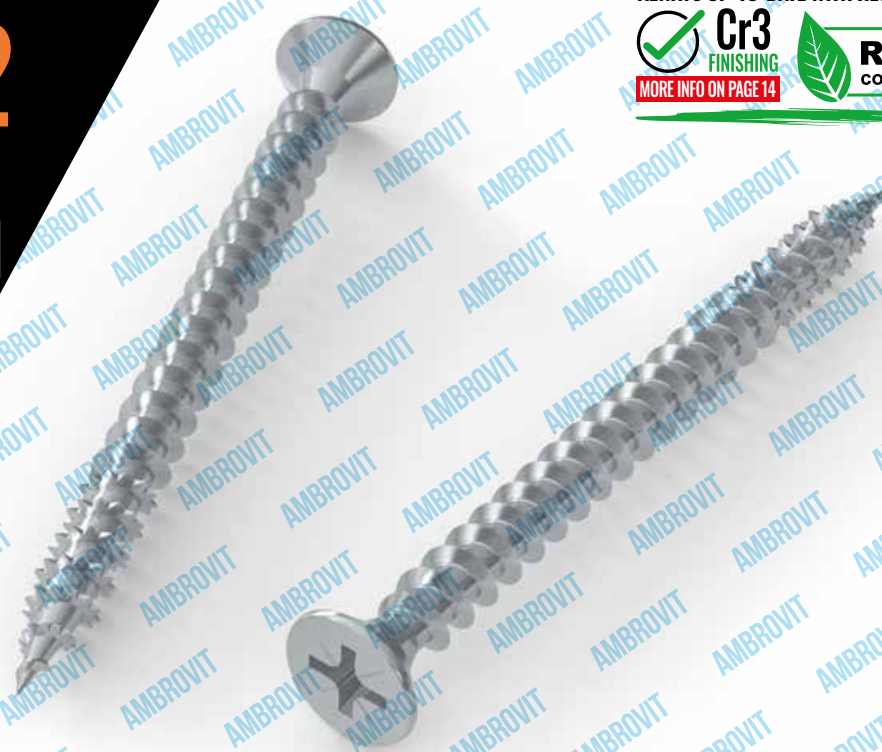
## TSP PZ



ALWAYS UP-TO-DATE WITH REGULATIONS



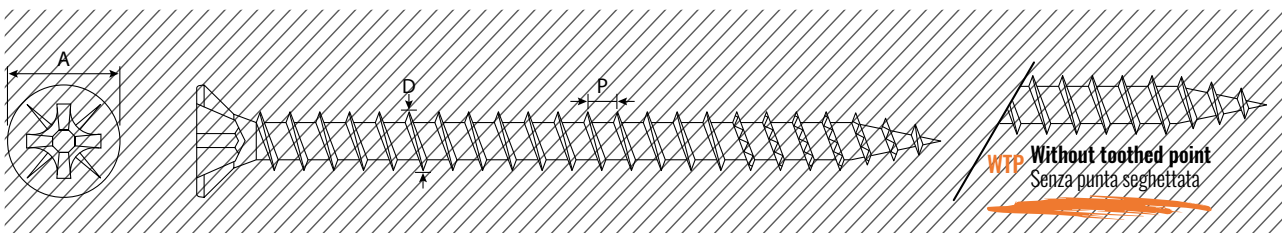
MORE INFO ON PAGE 14



### CHIPBOARD SCREWS PZ FLAT HEAD



- Viti per pannelli truciolari testa svasata piana PZ
- Spanplattenschrauben Flachsenkkopf PZ-Antrieb
- Vis pour panneaux d'aggloméré tête fraisée PZ
- Tornillos para madera cabeza plana PZ
- Шурупы для древесно-стружечных панелей плоская потайная головка PZ



Diameters Diametri	Limits Limiti	A	D	P	PZ
2,5	Min.	4,70	2,35	-1,20	1
	Max	5,00	2,50		
3,0	Min.	5,50	2,75	-1,50	1
	Max	5,80	3,05		
3,5	Min.	6,40	3,35	-1,80	2
	Max	6,70	3,55		
4,0	Min.	7,40	3,80	-2,00	2
	Max	7,70	4,10		
4,5	Min.	8,20	4,30	-2,20	2
	Max	8,50	4,60		
5,0	Min.	9,20	4,75	-2,60	2
	Max	9,50	5,10		
6,0	Min.	10,90	5,75	-3,10	3
	Max	11,40	6,20		

### C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 470-700**  
Durezza superficiale: HV 470-700
- **Core hardness: HV 300-420**  
Durezza a cuore: HV 300-420
- **Threaded section: as per listing**  
(Ex 3,5x50/40 = thread 40)  
Parte filettata: come da listino  
(Es. 3,5x50/40 = filetto 40)

05052

TSP PZ



## CHIPBOARD SCREWS PZ FLAT HEAD

- Viti per pannelli truciolari testa svasata piana PZ
- Spanplattenschrauben Flachsenkopf PZ-Antrieb
- Vis pour panneaux d'aggloméré tête fraisée PZ
- Tornillos para madera cabeza plana PZ
- Шурупы для древесно-стружечных панелей плоская потайная головка PZ

SIZES MISURE	FINISHING							PACKAGING			
	TG 0 PLAIN GREZZE €/1.000	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 €/1.000	TG 3 BRONZE PL. BRONZATE €/1.000	TG 4 NICKEL PL. NICHELATE €/1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/1.000	TG 5 BRASS PL. OTTONATE €/1.000				
<b>2,5 x 10</b>	8,30	8,55	9,05	9,25	9,25	9,59	10,90	24.000 (24)	4.000 (4)	1.000	70.000
<b>12</b>	8,30	8,55	9,05	9,25	9,25	9,59	10,90	24.000 (24)	4.000 (4)	1.000	60.000
<b>16</b>	9,20	9,55	10,10	10,15	10,15	10,65	11,85	24.000 (24)	4.000 (4)	1.000	50.000
<b>18</b>	9,75	10,10	10,70	10,95	10,95	11,71	13,40	24.000 (24)	4.000 (4)	1.000	40.000
<b>20</b>	10,40	10,80	11,45	11,90	11,90	12,61	14,10	24.000 (24)	4.000 (4)	1.000	40.000
<b>25</b>	11,80	12,45	13,20	13,70	13,70	14,79	16,40	12.000 (12)	4.000 (4)	1.000	30.000
<b>30</b>	15,05	16,55	17,55	18,20	18,20	20,05	21,65	12.000 (12)	4.000 (4)	1.000	25.000
<b>WTP 3,0 x 10</b>	7,90	8,15	8,60	8,75	8,75	9,33	10,75	24.000 (24)	4.000 (4)	1.000	50.000
<b>12</b>	7,90	8,15	8,60	8,75	8,75	9,33	10,90	24.000 (24)	4.000 (4)	1.000	40.000
<b>16</b>	8,65	8,80	9,30	9,80	9,80	10,55	12,05	24.000 (24)	4.000 (4)	1.000	30.000
<b>18</b>	9,30	9,65	10,20	10,55	10,55	11,13	13,10	12.000 (12)	4.000 (4)	1.000	25.000
<b>20</b>	10,05	10,30	10,90	11,35	11,35	12,14	13,95	12.000 (12)	4.000 (4)	1.000	25.000
<b>25</b>	11,15	11,80	12,50	12,95	12,95	13,83	16,20	6.000 (12)	2.000 (4)	500	25.000
<b>30</b>	11,80	12,45	13,20	13,70	13,70	14,79	17,25	6.000 (12)	2.000 (4)	500	20.000
<b>35</b>	13,40	14,20	15,05	15,70	15,70	16,75	19,55	6.000 (12)	2.000 (4)	500	12.500
<b>40</b>	16,80	18,45	19,00	20,35	20,35	22,21	25,30	6.000 (12)	2.000 (4)	500	12.500
<b>45</b>	29,50	32,35	34,25	35,55	35,55	39,85	-	4.000 (8)	2.000 (4)	500	10.000
<b>50/40</b>	32,35	35,60	37,75	39,15	39,15	45,05	-	4.000 (8)	2.000 (4)	500	8.000
<b>WTP 3,5 x 10</b>	9,65	10,30	10,90	11,40	11,40	12,40	14,10	24.000 (24)	4.000 (4)	1.000	40.000
<b>WTP 12</b>	9,05	9,65	10,23	10,25	10,25	11,02	12,75	24.000 (24)	4.000 (4)	1.000	30.000
<b>WTP 13</b>	9,65	10,30	10,90	-	-	-	-	24.000 (24)	4.000 (4)	1.000	30.000
<b>14</b>	9,65	10,30	10,90	-	-	-	-	12.000 (12)	4.000 (4)	1.000	25.000
<b>15</b>	9,75	10,40	11,00	11,35	11,35	12,14	-	12.000 (12)	4.000 (4)	1.000	25.000
<b>16</b>	9,75	10,40	11,00	11,35	11,35	12,14	13,95	12.000 (12)	4.000 (4)	1.000	25.000
<b>18</b>	10,30	10,85	11,50	12,05	12,05	12,93	14,70	12.000 (12)	4.000 (4)	1.000	25.000
<b>20</b>	10,80	11,45	12,15	12,50	12,50	13,41	15,85	12.000 (12)	4.000 (4)	1.000	20.000
<b>25</b>	12,20	12,95	13,70	14,15	14,15	15,11	17,25	6.000 (12)	2.000 (4)	500	20.000
<b>30</b>	13,10	14,10	14,95	15,55	15,55	16,64	19,40	6.000 (12)	2.000 (4)	500	12.500
<b>35</b>	14,80	16,25	17,20	17,75	17,75	18,92	22,05	6.000 (12)	2.000 (4)	500	10.000
<b>40</b>	17,70	19,40	20,00	21,40	21,40	23,55	26,90	4.000 (8)	2.000 (4)	500	10.000
<b>45</b>	21,20	23,30	24,00	27,00	27,00	35,72	44,20	2.400 (12)	800 (4)	200	8.000
<b>50/40</b>	24,35	26,70	27,50	29,45	29,45	38,11	46,75	2.400 (12)	800 (4)	200	6.000
<b>60/40</b>	49,50	54,55	57,85	59,75	59,75	83,65	-	2.400 (12)	800 (4)	200	5.000

**WTP** Sizes available ONLY without toothed point / Misure disponibili SOLO senza punta seghettata.

All other sizes are ALSO available without toothed point until end of stock.

Tutte le altre misure sono disponibili ANCHE senza punta seghettata fino ad esaurimento scorte.

**YELLOW ZINC finishing (Cr VI)**  
available until end of stock.

Finitura ZINCATA GIALLA (Cr VI)  
disponibile fino ad esaurimento scorte.

# 05052

## TSP PZ



		FINISHING							PACKAGING			
SIZES MISURE		TG 0 PLAIN GREZZE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3	TG 3 BRONZE PL. BRONZATE	TG 4 NICKEL PL. NICHELATE	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3	TG 5 BRASS PL. OTTONATE				
		€/1.000	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000				
<b>WTP</b>	<b>4,0 x 12</b>	11,15	11,75	12,45	12,95	12,95	13,73	15,75	12.000 (24)	2.000 (4)	500	25.000
<b>WTP</b>	<b>14</b>	12,05	12,83	13,60	-	-	-	-	12.000 (24)	2.000 (4)	500	20.000
	<b>16</b>	12,20	12,95	13,70	14,15	14,15	15,11	17,25	12.000 (24)	2.000 (4)	500	20.000
	<b>18</b>	12,40	13,35	14,15	14,60	14,60	15,53	18,10	12.000 (24)	2.000 (4)	500	20.000
	<b>20</b>	12,45	13,40	14,20	14,65	14,65	15,58	18,80	6.000 (12)	2.000 (4)	500	16.000
	<b>25</b>	14,40	15,55	16,45	17,05	17,05	18,18	21,90	6.000 (12)	2.000 (4)	500	12.000
	<b>30</b>	15,80	17,15	18,15	18,85	18,85	20,19	24,55	6.000 (12)	2.000 (4)	500	10.000
	<b>35</b>	17,85	19,45	20,60	22,30	22,30	23,96	27,65	4.000 (8)	2.000 (4)	500	10.000
	<b>40</b>	22,20	24,10	25,55	26,20	26,20	28,04	33,70	4.000 (8)	2.000 (4)	500	8.000
	<b>45</b>	27,25	29,90	30,80	33,00	33,00	35,72	45,25	2.400 (12)	800 (4)	200	6.000
	<b>50</b>	30,05	33,00	34,00	38,00	38,00	41,80	48,05	2.400 (12)	800 (4)	200	5.000
	<b>55</b>	34,35	36,50	38,70	41,00	41,00	47,15	53,80	2.400 (12)	800 (4)	200	4.000
	<b>* 60/50</b>	37,15	40,75	42,00	44,95	44,95	53,95	59,80	2.400 (12)	800 (4)	200	4.000
	<b>* 70/50</b>	43,30	47,55	49,00	52,45	52,45	66,99	81,20	2.400 (12)	800 (4)	200	3.000
	<b>* 80/50</b>	75,85	83,50	88,50	91,60	91,60	137,40	-	2.400 (12)	800 (4)	200	2.500
<b>WTP</b>	<b>4,5 x 16</b>	14,95	16,05	17,00	17,50	17,50	18,76	22,05	6.000 (12)	2.000 (4)	500	15.000
	<b>18</b>	15,30	16,45	17,40	18,00	18,00	19,24	22,20	6.000 (12)	2.000 (4)	500	12.500
	<b>20</b>	15,55	16,70	17,70	18,30	18,30	19,56	23,35	6.000 (12)	2.000 (4)	500	12.500
	<b>25</b>	17,80	19,50	20,65	21,35	21,35	22,74	26,00	6.000 (12)	2.000 (4)	500	12.000
	<b>30</b>	20,65	22,55	23,90	24,75	24,75	26,50	30,70	6.000 (12)	2.000 (4)	500	10.000
	<b>35</b>	21,20	23,20	24,55	27,25	27,25	29,20	33,70	2.400 (12)	800 (4)	200	8.000
	<b>40</b>	25,30	27,55	29,20	30,35	30,35	32,54	40,00	2.400 (12)	800 (4)	200	6.000
	<b>45</b>	30,70	33,20	35,15	36,25	36,25	38,80	49,65	2.400 (12)	800 (4)	200	5.000
	<b>50</b>	32,75	35,45	37,58	38,80	38,80	41,39	57,15	2.400 (12)	800 (4)	200	5.000
	<b>55</b>	36,10	39,25	41,60	42,90	42,90	45,85	58,65	2.400 (12)	800 (4)	200	4.000
	<b>60</b>	39,35	42,90	45,45	46,80	46,80	50,09	64,35	2.400 (12)	800 (4)	200	4.000
	<b>65</b>	45,75	50,15	53,15	54,80	54,80	58,62	-	1.600 (8)	800 (4)	200	3.000
	<b>* 70/60</b>	51,25	56,30	58,00	62,10	62,10	74,55	86,40	1.600 (8)	800 (4)	200	3.000
	<b>* 80/60</b>	59,20	65,00	67,00	71,70	71,70	93,25	97,55	1.600 (8)	800 (4)	200	2.000
	<b>* 100/60</b>	115,90	127,45	135,10	140,00	140,00	210,00	-	1.200 (6)	400 (2)	200	1.000

**WTP** Sizes available ONLY without toothed point / Misure disponibili SOLO senza punta seghettata.

All other sizes are ALSO available without toothed point until end of stock.

Tutte le altre misure sono disponibili ANCHE senza punta seghettata fino ad esaurimento scorte.

**YELLOW ZINC finishing (Cr VI)**  
available until end of stock.

Finitura ZINCATA GIALLA (Cr VI)  
disponibile fino ad esaurimento scorte.

\* Full thread sizes available, see code 05352 (page 173).

Disponibili misure tutto filetto, vedi codice 05352 (pag. 173).

05052

TSP PZ



## CHIPBOARD SCREWS PZ FLAT HEAD

- Viti per pannelli truciolari testa svasata piana PZ
- Spanplattenschrauben Flachsenkopf PZ-Antrieb
- Vis pour panneaux d'aggloméré tête fraisée PZ
- Tornillos para madera cabeza plana PZ
- Шурупы для древесно-стружечных панелей плоская потайная головка PZ

SIZES MISURE	FINISHING							PACKAGING			
	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000				
<b>WTP</b> 5,0 x 16	23,80	26,20	27,75	28,85	28,85	29,79	-	6.000 (12)	2.000 (4)	500	12.500
<b>WTP</b> 20	19,10	20,95	22,20	22,95	22,95	24,54	28,25	6.000 (12)	2.000 (4)	500	10.000
<b>WTP</b> 25	21,45	23,90	25,30	25,85	25,85	27,61	31,80	6.000 (12)	2.000 (4)	500	8.000
<b>WTP</b> 30	24,20	26,90	28,50	31,30	31,30	33,55	36,45	2.400 (12)	800 (4)	200	8.000
<b>WTP</b> 35	26,35	29,50	31,25	33,20	33,20	35,51	41,15	2.400 (12)	800 (4)	200	6.000
<b>WTP</b> 40	30,70	33,95	35,95	37,25	37,25	39,86	49,95	2.400 (12)	800 (4)	200	5.000
<b>WTP</b> 45	35,95	39,75	42,10	43,35	43,35	46,27	60,50	2.400 (12)	800 (4)	200	4.000
<b>WTP</b> 50	37,85	41,85	44,35	45,70	45,70	48,92	63,95	2.400 (12)	800 (4)	200	4.000
<b>WTP</b> 55	43,50	48,00	50,85	52,40	52,40	55,92	72,45	2.400 (12)	800 (4)	200	4.000
<b>WTP</b> 60	44,75	49,50	52,45	57,45	57,45	61,48	76,10	1.600 (8)	800 (4)	200	3.000
<b>WTP</b> 65	50,65	55,75	59,10	66,85	66,85	71,60	-	1.600 (8)	800 (4)	200	2.500
<b>WTP</b> 70/60	52,00	57,50	60,95	66,85	66,85	71,60	94,20	1.600 (8)	800 (4)	200	2.000
<b>WTP</b> 75/60	56,65	62,45	66,15	74,50	74,50	85,70	-	1.600 (8)	800 (4)	200	2.000
<b>WTP</b> * 80/60	58,65	64,95	68,80	77,20	77,20	87,25	104,90	1.600 (8)	800 (4)	200	2.000
<b>WTP</b> 83/60	69,30	75,40	79,90	-	-	-	-	1.600 (8)	800 (4)	200	1.500
<b>WTP</b> 85/60	69,55	75,70	80,20	-	-	-	-	1.600 (8)	800 (4)	200	1.500
<b>WTP</b> * 90/60	80,35	86,60	91,75	95,30	95,30	119,15	141,45	1.200 (12)	400 (4)	100	1.500
<b>WTP</b> * 100/60	88,35	95,25	100,95	104,60	104,60	136,00	155,90	1.200 (12)	400 (4)	100	1.000
<b>WTP</b> 110/60	106,05	116,40	120,00	128,40	128,40	195,20	-	600 (6)	200 (2)	100	1.000
<b>WTP</b> 120/60	123,70	135,80	140,00	149,80	149,80	275,71	382,65	600 (6)	200 (2)	100	800
<b>WTP</b> 6,0 x 20	43,85	47,65	50,50	53,30	53,30	57,13	-	2.400 (12)	800 (4)	200	6.000
<b>WTP</b> 25	41,40	45,15	47,85	50,75	50,75	54,48	-	2.400 (12)	800 (4)	200	5.000
<b>WTP</b> 30	37,85	42,35	44,85	48,05	48,05	51,36	59,20	2.400 (12)	800 (4)	200	4.000
<b>WTP</b> 35	40,20	44,50	47,15	49,95	49,95	53,37	63,20	2.400 (12)	800 (4)	200	4.000
<b>WTP</b> 40	41,60	47,00	49,80	53,20	53,20	56,82	66,40	2.400 (12)	800 (4)	200	3.000
<b>WTP</b> 45	48,85	52,90	56,05	60,00	60,00	64,29	84,35	1.600 (8)	800 (4)	200	2.500
<b>WTP</b> 50	54,15	60,80	64,45	66,85	66,85	71,60	92,85	1.600 (8)	800 (4)	200	2.500
<b>WTP</b> 60	63,65	72,05	76,35	82,40	82,40	88,09	109,05	1.200 (6)	400 (2)	200	2.500
<b>WTP</b> 70/60	72,40	84,45	89,50	101,75	101,75	108,81	132,60	1.200 (6)	400 (2)	200	2.000
<b>WTP</b> 80/60	81,80	98,00	103,85	109,75	109,75	117,40	139,30	1.200 (6)	400 (2)	200	1.800
<b>WTP</b> * 90/60	91,50	106,15	112,50	122,65	122,65	131,23	174,65	1.200 (12)	400 (4)	100	1.600
<b>WTP</b> * 100/60	101,10	114,15	121,00	135,90	135,90	156,30	192,85	800 (8)	400 (4)	100	1.200
<b>WTP</b> 110/60	128,10	144,75	153,40	180,00	180,00	216,00	230,05	600 (6)	200 (2)	100	1.000
<b>WTP</b> * 120/60	146,35	165,50	175,40	203,40	203,40	244,10	259,60	600 (6)	200 (2)	100	800
<b>WTP</b> 130/60	176,70	194,00	200,00	214,00	214,00	259,91	-	600 (6)	200 (2)	100	500
<b>WTP</b> 140/60	189,95	208,55	215,00	230,05	230,05	299,10	-	600 (6)	200 (2)	100	500
<b>WTP</b> 150/60	212,05	232,80	240,00	256,80	256,80	359,55	-	600 (6)	200 (2)	100	500
<b>WTP</b> 160/60	229,75	252,20	260,00	278,20	278,20	417,30	-	600 (6)	200 (2)	100	500
<b>WTP</b> 180/60	296,00	324,95	335,00	358,45	358,45	573,55	-	400 (4)	200 (2)	100	500
<b>WTP</b> 200/60	373,75	410,35	423,00	452,65	452,65	814,70	-	400 (4)	200 (2)	100	500

**YELLOW ZINC  
finishing (Cr VI)  
available until  
end of stock.**

Finitura ZINCATA GIALLA  
(Cr VI) disponibile fino  
ad esaurimento scorte.

\* Full thread sizes  
available, see code  
05352 (page 173).  
Disponibili misure tutto  
filetto, vedi codice  
05352 (pag. 173).

**WTP** Sizes available ONLY without toothed point / Misure disponibili SOLO senza punta seghettata.

All other sizes are ALSO available without toothed point until end of stock.

Tutte le altre misure sono disponibili ANCHE senza punta seghettata fino ad esaurimento scorte.

# 95052

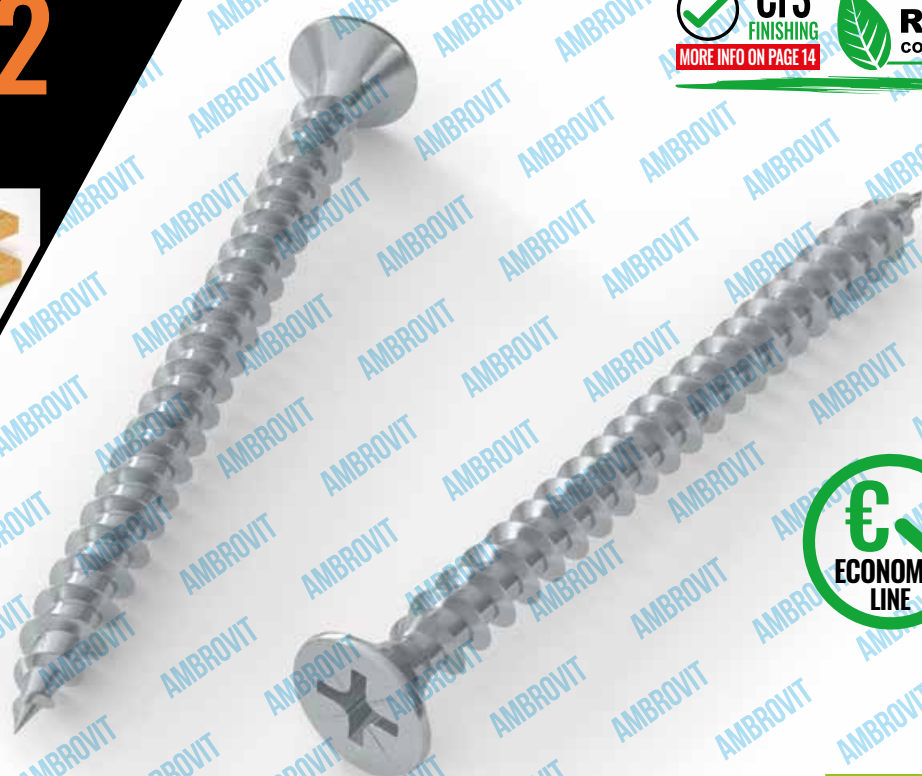
TSP PZ

**NEW**  
PRODUCT






ALWAYS UP-TO-DATE WITH REGULATIONS

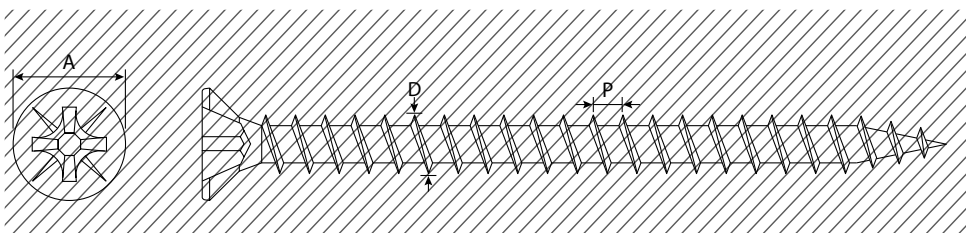


MORE INFO ON PAGE 14



## CHIPBOARD SCREWS PZ FLAT HEAD

-  Viti per pannelli truciolari testa svasata piana PZ
-  Spanplattenschrauben Flachsenkkopf PZ-Antrieb
-  Vis pour panneaux d'aggloméré tête fraisée PZ
-  Tornillos para madera cabeza plana PZ
-  Шурупы для древесно-стружечных панелей плоская потайная головка PZ



Diameters Diametri	Limits Limiti	A	D	P	PZ
3,0	Min.	5,50	2,75	-1,50	1
	Max	5,80	3,05		
3,5	Min.	6,40	3,35	-1,80	2
	Max	6,70	3,55		
4,0	Min.	7,40	3,80	-2,00	2
	Max	7,70	4,10		
4,5	Min.	8,20	4,30	-2,20	2
	Max	8,50	4,60		
5,0	Min.	9,20	4,75	-2,60	2
	Max	9,50	5,10		
6,0	Min.	10,90	5,75	-3,10	3
	Max	11,40	6,20		

## C1022






- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 470-700**  
Durezza superficiale: HV 470-700
- **Core hardness: HV 300-420**  
Durezza a cuore: HV 300-420
- **Threaded section: as per listing**  
(Ex 3,5x50/40 = thread 40)  
Parte filettata: come da listino  
(Es. 3,5x50/40 = filetto 40)

# 95052

## TSP PZ



### CHIPBOARD SCREWS PZ FLAT HEAD

-  Viti per pannelli truciolari testa svasata piana PZ
-  Spanplattenschrauben Flachsenkkopf PZ-Antrieb
-  Vis pour panneaux d'aggloméré tête fraisée PZ
-  Tornillos para madera cabeza plana PZ
-  Шурупы для древесно-стружечных панелей плоская потайная головка PZ

FINISHING		PACKAGING	
SIZES MISURE			
	T6 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000		
3,0 x 12	6,70	30.000	
16	7,20	25.000	
18	7,80	25.000	
20	8,20	20.000	
25	9,40	20.000	
30	10,95	15.000	
35	12,35	12.000	
40	13,90	9.000	
45	18,00	9.000	
50/40	21,00	8.000	
3,5 x 12	8,00	25.000	
16	8,65	20.000	
18	9,35	20.000	
20	9,90	18.000	
25	12,10	15.000	
30	13,40	10.000	
35	15,50	8.000	
40	17,35	8.000	
45	22,50	6.000	
50/40	25,00	6.000	
4,0 x 12	9,50	20.000	
16	10,60	20.000	
18	11,45	18.000	
20	11,90	15.000	
25	14,10	12.000	
30	16,20	10.000	
35	18,15	8.000	
40	20,10	6.000	
45	22,20	5.000	
50	25,20	4.000	
60/50	33,30	3.000	
70/50	41,30	2.500	
80/50	55,00	2.000	
4,5 x 20	14,80	12.000	
25	17,15	9.000	
30	20,20	8.000	
35	22,90	8.000	
40	26,55	5.000	
45	30,40	4.000	
50	32,90	4.000	
60	39,75	2.500	
70/60	48,20	2.000	
5,0 x 16	18,20	12.000	
20	18,75	10.000	
25	21,90	8.000	
30	24,85	7.000	
35	27,70	6.000	
40	31,75	4.000	
45	34,85	3.000	
50	38,30	3.000	
60	46,60	2.000	
70/60	54,40	1.800	
80/60	62,85	1.500	
90/60	77,90	1.200	
100/60	87,25	1.000	
120/60	125,00	800	
6,0 x 30	37,65	4.000	
35	41,85	4.000	
40	44,25	2.500	
45	49,35	2.000	
50	57,55	2.000	
60	66,95	2.000	
70/60	76,10	1.500	
80/60	91,80	1.000	
90/60	101,70	1.000	
100/60	110,00	1.000	
120/60	148,90	800	

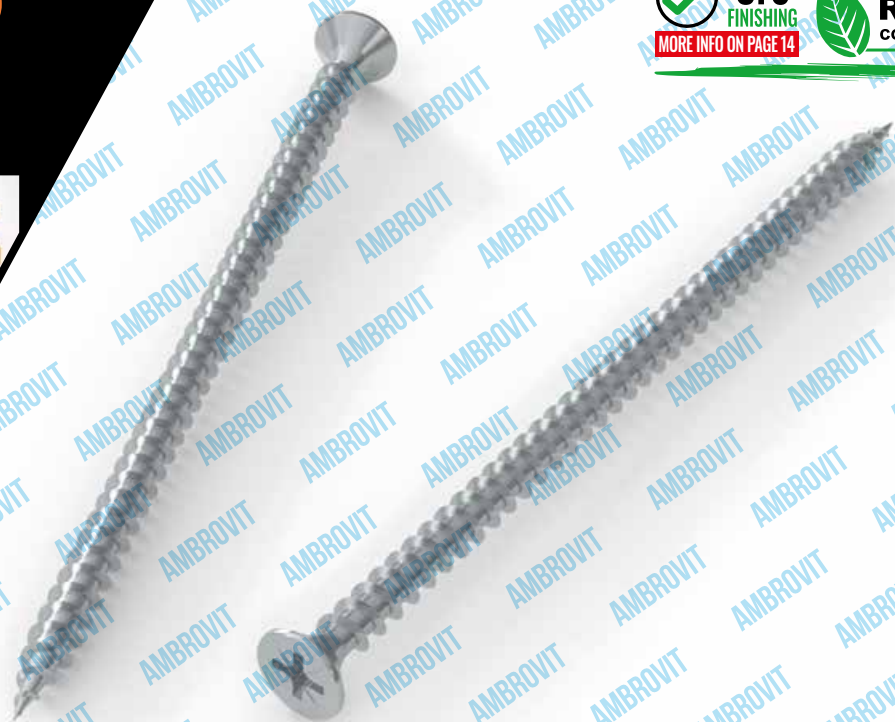
FINISHING		PACKAGING	
SIZES MISURE			
	T6 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000		



**Just bulk**  
Solo confezione industriale

# 05352

TSP PZ FT



ALWAYS UP-TO-DATE WITH REGULATIONS








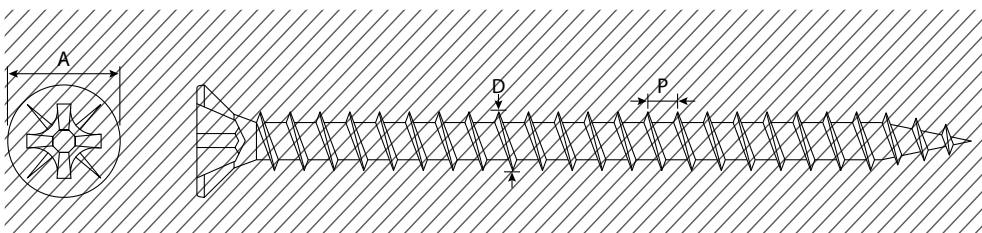
MORE INFO ON PAGE 14

Full thread // Tutto filetto



## CHIPBOARD SCREWS PZ FLAT HEAD FULL THREAD

-  Viti per pannelli truciolari testa svasata piana PZ tutto filetto
-  Spanplattenschrauben Flachsenkkopf PZ-Antrieb Vollgewinde
-  Vis pour panneaux d'aggloméré tête fraisée PZ filetage total
-  Tornillos para madera cabeza plana PZ rosca total
-  Шурупы для древесно-стружечных панелей потайная плоская головка PZ и полная резьба



Diameters Diametri	Limits Limiti	A	D	P	PZ
4,0	Min.	7,40	3,80	-2,00	2
	Max	7,70	4,10		
4,5	Min.	8,20	4,30	-2,20	2
	Max	8,50	4,60		
5,0	Min.	9,20	4,75	-2,60	2
	Max	9,50	5,10		
6,0	Min.	10,90	5,75	-3,10	3
	Max	11,40	6,20		

## C1022






- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 330-420**  
Durezza a cuore: HV 330-420
- **Threaded section: FULL THREAD**  
Parte filettata: TUTTO FILETTO








# 05352

## TSP PZ FT

**Full thread // Tutto filetto**

### CHIPBOARD SCREWS PZ FLAT HEAD FULL THREAD

-  Viti per pannelli truciolari testa svasata piana PZ tutto filetto
-  Spanplattenschrauben Flachsenkopf PZ-Antrieb Vollgewinde
-  Vis pour panneaux d'aggloméré tête fraisée PZ filetage total
-  Tornillos para madera cabeza plana PZ rosca total
-  Шурупы для древесно-стружечных панелей потайная плоская головка PZ и полная резьба

SIZES MISURE	FINISHING			PACKAGING			
	 TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000	 TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 €/1.000	 TG 3 BRONZE PL BRONZATE €/1.000				
<b>4,0 x 60</b>	49,90	52,85	56,65	2.400 (12)	800 (4)	200	4.000
<b>70</b>	70,20	74,40	76,15	2.400 (12)	800 (4)	200	3.000
<b>80</b>	95,15	100,85	104,20	2.400 (12)	800 (4)	200	2.500
<b>4,5 x 70</b>	85,85	91,00	93,20	1.600 (8)	800 (4)	200	3.000
<b>80</b>	96,90	102,70	107,85	1.600 (8)	800 (4)	200	2.000
<b>100</b>	151,40	160,45	165,70	1.200 (6)	400 (2)	200	1.000
<b>5,0 x 80</b>	118,90	126,00	141,35	1.600 (8)	800 (4)	200	2.000
<b>90</b>	146,20	154,95	160,85	1.200 (12)	400 (4)	100	1.500
<b>100</b>	167,05	177,00	183,35	1.200 (12)	400 (4)	100	1.000
<b>6,0 x 90</b>	204,75	217,00	235,75	1.200 (12)	400 (4)	100	1.600
<b>100</b>	223,30	236,60	263,75	800 (8)	400 (4)	100	1.200
<b>120</b>	281,90	298,80	345,35	600 (6)	200 (2)	100	800

**YELLOW ZINC finishing (Cr VI)  
available until end of stock.**Finitura ZINCATA GIALLA (Cr VI) disponibile  
fino ad esaurimento scorte.**\* Partial thread sizes available, see code 05052 (page 167).**

Disponibili misure parzialmente filettate, vedi codice 05052 (pag. 167).



# 05062

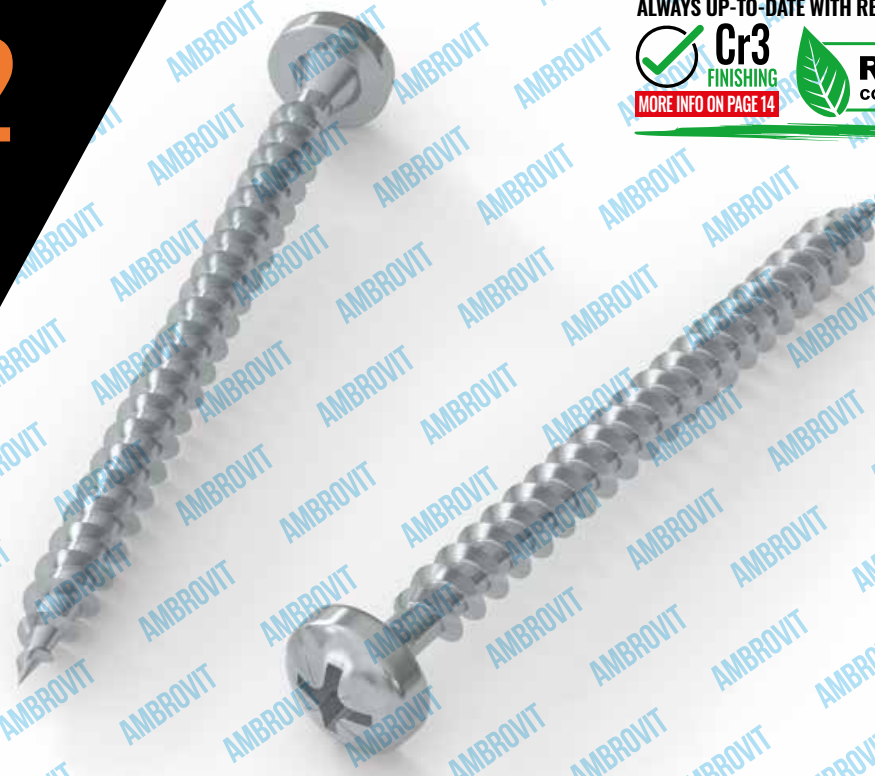
TC PZ



ALWAYS UP-TO-DATE WITH REGULATIONS

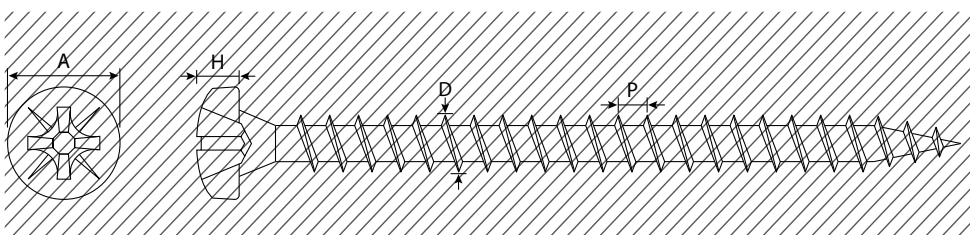


MORE INFO ON PAGE 14



## CHIPBOARD SCREWS PZ PAN HEAD

- Viti per pannelli truciolari testa cilindrica PZ
- Spanplattenschrauben Pan Head PZ-Antrieb
- Vis pour panneaux d'aggloméré tête cylindrique PZ
- Tornillos para madera cabeza redonda PZ
- Шурупы для древесно-стружечных панелей полусферическая головка PZ



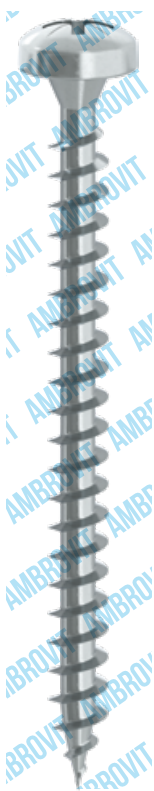
Diameters Diametri	Limits Limiti	A	H	D	P	PZ
3,0	Min.	5,50	2,16	2,75	-1,50	1
	Max	6,00	2,41	3,05		
3,5	Min.	6,60	2,46	3,35	-1,80	2
	Max	7,00	2,71	3,55		
4,0	Min.	7,60	2,83	3,80	-2,00	2
	Max	8,00	3,08	4,10		
4,5	Min.	8,60	3,03	4,30	-2,20	2
	Max	9,00	3,33	4,60		
5,0	Min.	9,60	3,50	4,75	-2,60	2
	Max	10,00	3,80	5,10		
6,0	Min.	11,00	4,35	5,75	-3,10	3
	Max	11,50	4,65	6,20		

## C1022






- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 470-720**  
Durezza superficiale: HV 470-720
- **Core hardness: HV 300-430**  
Durezza a cuore: HV 300-430
- **Threaded section: as per listing**  
(Ex 3,5x50/40 = thread 40)  
Parte filettata: come da listino  
(Es. 3,5x50/40 = filetto 40)





05062

TC PZ



## CHIPBOARD SCREWS PZ PAN HEAD

-  Viti per pannelli truciolari testa cilindrica PZ
-  Spanplattenschrauben Pan Head PZ-Antrieb
-  Vis pour panneaux d'aggloméré tête cylindrique PZ
-  Tornillos para madera cabeza redonda PZ
-  Шурупы для древесно-стружечных панелей полусферическая головка PZ

SIZES MISURE	FINISHING					PACKAGING			
									
	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000				
<b>3,0 x 10</b>	9,90	10,25	10,85	11,00	12,14	24.000 (24)	4.000 (4)	1.000	30.000
<b>12</b>	10,05	10,25	10,85	11,20	12,46	24.000 (24)	4.000 (4)	1.000	30.000
<b>16</b>	10,95	11,35	12,05	12,35	13,73	12.000 (12)	4.000 (4)	1.000	25.000
<b>18</b>	11,60	12,15	12,90	13,20	14,68	12.000 (12)	4.000 (4)	1.000	20.000
<b>20</b>	12,40	13,10	13,90	14,25	15,79	12.000 (12)	4.000 (4)	1.000	20.000
<b>25</b>	13,95	14,65	15,55	-	17,86	6.000 (12)	2.000 (4)	500	15.000
<b>30</b>	14,75	15,70	16,65	-	19,03	6.000 (12)	2.000 (4)	500	15.000
<b>3,5 x 12</b>	11,35	11,85	12,55	13,05	14,58	12.000 (12)	4.000 (4)	1.000	20.000
<b>16</b>	12,30	13,10	13,90	14,45	15,95	12.000 (12)	4.000 (4)	1.000	20.000
<b>18</b>	12,95	13,75	14,60	15,10	16,75	12.000 (12)	4.000 (4)	1.000	16.000
<b>20</b>	13,55	14,35	15,20	15,80	17,49	12.000 (12)	4.000 (4)	1.000	16.000
<b>25</b>	14,55	15,70	16,65	17,10	19,03	6.000 (12)	2.000 (4)	500	14.000
<b>30</b>	15,80	16,85	17,85	18,85	20,83	6.000 (12)	2.000 (4)	500	10.000
<b>35</b>	17,95	19,40	20,55	21,40	23,64	6.000 (12)	2.000 (4)	500	10.000
<b>40</b>	22,40	24,00	25,45	26,15	29,04	4.000 (8)	2.000 (4)	500	8.000
<b>45/40</b>	39,00	42,95	45,50	-	-	2.400 (12)	800 (4)	200	6.000
<b>50/40</b>	41,40	45,45	48,15	-	-	2.400 (12)	800 (4)	200	5.000
<b>4,0 x 10</b>	13,55	14,35	15,20	-	17,12	12.000 (24)	2.000 (4)	500	15.000
<b>12</b>	13,55	14,35	15,20	15,40	17,12	12.000 (24)	2.000 (4)	500	15.000
<b>16</b>	14,65	15,70	16,65	17,00	18,71	6.000 (12)	2.000 (4)	500	15.000
<b>17</b>	15,15	16,25	17,25	17,60	19,56	6.000 (12)	2.000 (4)	500	12.500
<b>18</b>	15,15	16,25	17,25	17,60	19,56	6.000 (12)	2.000 (4)	500	12.500
<b>20</b>	15,70	16,75	17,75	18,30	20,25	6.000 (12)	2.000 (4)	500	10.000
<b>25</b>	18,00	19,55	20,75	21,40	23,64	6.000 (12)	2.000 (4)	500	10.000
<b>30</b>	19,80	21,60	22,90	23,70	26,29	4.000 (8)	2.000 (4)	500	10.000
<b>35</b>	22,40	24,40	25,85	26,75	29,57	4.000 (8)	2.000 (4)	500	6.250
<b>40</b>	28,10	30,35	32,15	33,00	36,57	3.000 (6)	1.000 (2)	500	5.000
<b>45</b>	36,15	38,65	40,95	-	46,53	2.400 (12)	800 (4)	200	5.000
<b>50</b>	38,40	41,10	43,55	-	49,61	2.400 (12)	800 (4)	200	4.000
<b>60/50</b>	47,85	52,60	55,75	-	59,78	2.400 (12)	800 (4)	200	3.000










YELLOW ZINC finishing (Cr VI) available until end of stock.

Finitura ZINCATA GIALLA (Cr VI) disponibile fino ad esaurimento scorte.

# 05062

## TC PZ



SIZES MISURE	FINISHING					PACKAGING			
									
	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000				
<b>4,5 x 12</b>	19,40	24,10	25,55	-	29,36	6.000 (12)	2.000 (4)	500	10.000
<b>16</b>	18,75	23,35	24,75	25,65	28,36	6.000 (12)	2.000 (4)	500	10.000
<b>18</b>	18,75	23,35	24,75	25,65	28,36	6.000 (12)	2.000 (4)	500	10.000
<b>20</b>	18,75	23,35	24,75	25,65	28,36	6.000 (12)	2.000 (4)	500	8.000
<b>25</b>	21,50	24,10	25,55	26,75	29,57	6.000 (12)	2.000 (4)	500	7.500
<b>30</b>	24,80	27,05	28,65	29,65	32,86	4.000 (8)	2.000 (4)	500	7.000
<b>35</b>	26,60	29,10	30,85	31,95	35,51	2.400 (12)	800 (4)	200	6.000
<b>40</b>	31,80	34,65	36,70	38,10	42,29	2.400 (12)	800 (4)	200	5.000
<b>45</b>	38,65	41,80	44,30	45,60	50,51	2.400 (12)	800 (4)	200	5.000
<b>50</b>	41,10	44,70	47,35	48,75	54,01	1.600 (8)	800 (4)	200	4.000
<b>60</b>	49,45	53,75	56,95	-	65,24	1.600 (8)	800 (4)	200	3.000
<b>5,0 x 16</b>	25,35	27,70	29,35	-	33,87	6.000 (12)	2.000 (4)	500	8.000
<b>18</b>	25,35	27,70	29,35	-	33,87	6.000 (12)	2.000 (4)	500	7.000
<b>20</b>	24,55	26,75	28,35	29,65	32,86	6.000 (12)	2.000 (4)	500	7.000
<b>25</b>	27,40	30,40	32,20	33,00	36,57	4.000 (8)	2.000 (4)	500	6.000
<b>30</b>	30,60	34,00	36,05	37,25	41,34	2.400 (12)	800 (4)	200	5.000
<b>35</b>	33,20	36,95	39,15	40,35	44,73	2.400 (12)	800 (4)	200	5.000
<b>40</b>	38,65	42,70	45,25	46,60	51,83	2.400 (12)	800 (4)	200	4.000
<b>45</b>	45,10	49,80	52,75	54,15	60,10	1.600 (8)	800 (4)	200	3.500
<b>50</b>	47,60	52,50	55,65	57,20	63,44	1.600 (8)	800 (4)	200	3.500
<b>60</b>	56,25	62,25	65,95	67,70	75,15	1.600 (8)	800 (4)	200	2.500
<b>70/60</b>	67,60	74,85	79,30	82,10	91,05	1.200 (6)	400 (2)	200	2.000
<b>80/60</b>	74,20	81,60	86,50	89,60	92,75	1.200 (6)	400 (2)	200	1.500
<b>90/60</b>	100,80	109,40	115,95	-	128,84	800 (8)	400 (4)	100	1.000
<b>6,0 x 16</b>	51,50	57,50	60,95	-	72,61	2.400 (12)	800 (4)	200	5.000
<b>19</b>	50,50	56,50	59,85	-	71,02	2.400 (12)	800 (4)	200	5.000
<b>25</b>	47,65	53,10	56,25	-	67,10	2.400 (12)	800 (4)	200	4.000
<b>30</b>	47,65	53,10	56,25	-	67,10	2.400 (12)	800 (4)	200	3.500
<b>35</b>	50,45	55,80	59,10	62,55	69,48	1.600 (8)	800 (4)	200	3.000
<b>40</b>	52,20	58,95	62,45	63,90	70,97	1.600 (8)	800 (4)	200	2.500
<b>45</b>	61,45	66,60	70,55	74,60	82,84	1.600 (8)	800 (4)	200	2.500
<b>50</b>	67,85	76,35	80,90	82,35	91,53	1.600 (8)	800 (4)	200	2.200
<b>60</b>	79,80	90,10	95,50	97,45	108,12	1.200 (6)	400 (2)	200	1.500
<b>70/60</b>	90,65	102,25	108,35	110,50	122,64	1.200 (6)	400 (2)	200	1.200
<b>80/60</b>	102,80	116,00	122,95	128,70	142,94	800 (4)	400 (2)	200	1.000
<b>90/60</b>	114,65	129,65	137,45	143,90	159,80	800 (8)	400 (4)	100	800
<b>100/60</b>	126,70	143,20	151,75	159,25	176,86	400 (4)	200 (2)	100	800

**YELLOW ZINC finishing (Cr VI)  
available until end of stock.**

Finitura ZINCATA GIALLA (Cr VI)  
disponibile fino ad esaurimento scorte.

# 05072

## TGS PZ



ALWAYS UP-TO-DATE WITH REGULATIONS

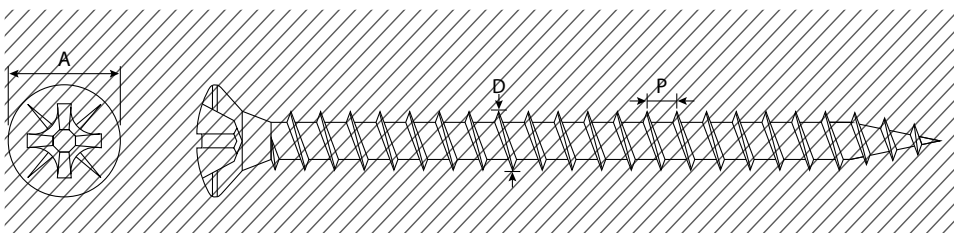


MORE INFO ON PAGE 14



### CHIPBOARD SCREWS PZ RAISED OVAL HEAD

- Viti per pannelli truciolari testa goccia di sego PZ
- Spanplattenschrauben Linsensenkopf PZ-Antrieb
- Vis pour panneaux d'aggloméré tête fraisée bombée PZ
- Tornillos para madera cabeza gota sebo PZ
- Шурупы для древесно-стружечных панелей полупотайная головка PZ














Diameters Diametri	Limits Limiti	A	D	P	PZ
3,0	Min.	5,50	2,75	-1,50	1
	Max	5,80	3,05		
3,5	Min.	6,40	3,35	-1,80	2
	Max	6,70	3,55		
4,0	Min.	7,40	3,80	-2,00	2
	Max	7,70	4,10		
4,5	Min.	8,20	4,30	-2,20	2
	Max	8,50	4,60		
5,0	Min.	9,10	4,75	-2,60	2
	Max	9,50	5,10		

### C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 470-720**  
Durezza superficiale: HV 470-720
- **Core hardness: HV 320-430**  
Durezza a cuore: HV 320-430
- **Threaded section: as per listing**  
(Ex 3,5x50/40 = thread 40)  
Parte filettata: come da listino  
(Es. 3,5x50/40 = filetto 40)

# 05072

## TGS PZ

SIZES MISURE	FINISHING							PACKAGING			
											
	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000	€/1.000
<b>3,0 x 10</b>	9,25	9,55	10,15	10,40	10,40	10,76	13,50	24.000 (24)	4.000 (4)	1.000	50.000
12	9,35	9,65	10,25	10,40	10,40	10,76	12,60	24.000 (24)	4.000 (4)	1.000	40.000
16	10,15	10,65	11,30	11,50	11,50	12,30	14,15	24.000 (24)	4.000 (4)	1.000	30.000
18	10,95	11,45	12,15	12,35	12,35	13,30	-	12.000 (12)	4.000 (4)	1.000	25.000
20	11,75	12,30	13,05	13,50	13,50	14,26	17,15	12.000 (12)	4.000 (4)	1.000	25.000
25	13,20	13,85	14,70	15,10	15,10	16,06	18,40	6.000 (12)	2.000 (4)	500	25.000
30	13,85	14,65	15,55	16,15	16,15	17,23	20,00	6.000 (12)	2.000 (4)	500	20.000
<b>3,5 x 12</b>	10,65	11,35	12,05	12,20	12,20	12,88	14,60	24.000 (24)	4.000 (4)	1.000	30.000
16	11,60	12,30	13,05	13,60	13,60	14,36	16,20	12.000 (12)	4.000 (4)	1.000	25.000
18	12,15	12,95	13,75	14,00	14,00	15,11	17,15	12.000 (12)	4.000 (4)	1.000	25.000
20	12,85	13,55	14,35	14,65	14,65	15,79	18,25	12.000 (12)	4.000 (4)	1.000	20.000
25	13,75	14,65	15,55	16,15	16,15	17,23	20,00	6.000 (12)	2.000 (4)	500	20.000
30	14,75	15,95	16,90	17,45	17,45	18,60	21,80	6.000 (12)	2.000 (4)	500	12.500
35	16,75	18,20	19,30	19,95	19,95	21,36	25,15	6.000 (12)	2.000 (4)	500	10.000
40	20,95	22,55	23,90	24,65	24,65	26,39	31,00	4.000 (8)	2.000 (4)	500	10.000
45/40	33,10	35,45	37,55	38,35	38,35	41,08	-	2.400 (12)	800 (4)	200	8.000
50/40	35,45	39,00	41,30	42,75	42,75	44,47	-	2.400 (12)	800 (4)	200	6.000
<b>4,0 x 16</b>	13,75	14,65	15,55	15,95	15,95	17,12	20,05	12.000 (24)	2.000 (4)	500	20.000
17	14,25	15,35	16,30	16,60	16,60	17,76	-	12.000 (24)	2.000 (4)	500	20.000
18	14,25	15,35	16,30	16,60	16,60	17,76	-	12.000 (24)	2.000 (4)	500	20.000
20	14,65	15,80	16,75	17,35	17,35	18,44	21,80	6.000 (12)	2.000 (4)	500	16.000
25	16,85	18,20	19,30	19,95	19,95	21,36	25,30	6.000 (12)	2.000 (4)	500	12.000
30	18,65	20,35	21,55	22,25	22,25	23,74	28,05	6.000 (12)	2.000 (4)	500	10.000
35	20,95	22,95	24,35	25,00	25,00	26,87	31,75	4.000 (8)	2.000 (4)	500	10.000
40	26,25	28,35	30,05	31,05	31,05	33,07	38,80	4.000 (8)	2.000 (4)	500	8.000
45	33,90	36,25	38,40	39,50	39,50	42,19	50,95	2.400 (12)	800 (4)	200	6.000
50	36,00	38,65	40,95	41,90	41,90	44,84	54,90	2.400 (12)	800 (4)	200	5.000
60/50	44,55	49,05	52,00	-	-	55,76	-	2.400 (12)	800 (4)	200	4.000
<b>4,5 x 16</b>	17,40	18,85	20,00	-	-	21,94	-	6.000 (12)	2.000 (4)	500	15.000
18	17,40	18,85	20,00	-	-	21,94	-	6.000 (12)	2.000 (4)	500	12.500
20	17,40	18,85	20,00	20,55	20,55	21,94	26,85	6.000 (12)	2.000 (4)	500	12.500
25	20,05	21,90	23,20	24,10	24,10	25,71	30,70	6.000 (12)	2.000 (4)	500	12.000
30	23,35	25,45	26,95	27,75	27,75	29,57	35,40	6.000 (12)	2.000 (4)	500	10.000
35	24,90	27,40	29,05	29,95	29,95	32,01	38,50	2.400 (12)	800 (4)	200	8.000
40	29,80	32,40	34,35	35,70	35,70	38,16	45,90	2.400 (12)	800 (4)	200	6.000
45	36,15	39,20	41,55	42,65	42,65	45,53	57,95	2.400 (12)	800 (4)	200	5.000
50	38,65	41,80	44,30	45,70	45,70	48,92	61,65	2.400 (12)	800 (4)	200	5.000
60	46,40	50,45	53,45	55,15	55,15	58,99	73,65	2.400 (12)	800 (4)	200	3.500
70/60	64,05	69,75	73,90	76,15	76,15	81,41	102,00	1.600 (8)	800 (4)	200	3.000
<b>5,0 x 20</b>	21,50	23,75	25,15	-	-	27,56	-	6.000 (12)	2.000 (4)	500	10.000
25	24,10	26,95	28,55	29,10	29,10	31,22	-	6.000 (12)	2.000 (4)	500	8.000
30	27,30	30,35	32,15	33,20	33,20	35,51	42,20	2.400 (12)	800 (4)	200	8.000
35	31,15	34,50	36,55	37,80	37,80	40,39	-	2.400 (12)	800 (4)	200	6.000
40	36,15	40,10	42,50	43,90	43,90	46,96	54,75	2.400 (12)	800 (4)	200	5.000
45	42,20	46,50	49,25	50,85	50,85	54,33	-	2.400 (12)	800 (4)	200	4.000
50	44,70	49,30	52,25	53,50	53,50	57,45	72,25	1.600 (8)	800 (4)	200	4.000
60	52,75	58,30	61,75	63,40	63,40	67,89	84,35	1.600 (8)	800 (4)	200	3.000
70/60	63,65	70,10	74,30	76,90	76,90	82,26	103,10	1.600 (8)	800 (4)	200	2.000
80/60	71,05	78,15	82,80	85,80	85,80	88,88	-	1.600 (8)	800 (4)	200	2.000



**YELLOW ZINC  
finishing (Cr VI)  
available until  
end of stock.**

Finitura ZINCATA  
GIALLA (Cr VI)  
disponibile fino ad  
esaurimento scorte.

# 05152

## TSP PZ PT



ALWAYS UP-TO-DATE WITH REGULATIONS

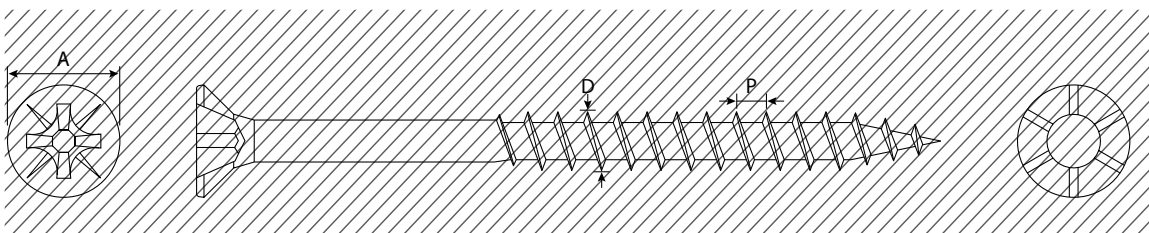


MORE INFO ON PAGE 14



### CHIPBOARD SCREWS PZ FLAT HEAD, RIBS UNDER HEAD AND PARTIAL THREAD

- Viti per pannelli truciolari TSP PZ con alette filetto parziale
- Spanplattenschrauben Flachsenkopf PZ-Antrieb Fräsrippen Teilgewinde
- Vis pour panneaux d'aggloméré tête fraisée crantée PZ et filetage partiel
- Tornillos para madera cabeza plana estriada PZ rosca parcial
- Шурупы для древесно-стружечных панелей потайная самозенкующая головка PZ, с ребрами частичная резьба







Diameters Diametri	Limits Limiti	A	D	P	PZ
3,5	Min.	6,40	3,35	-1,80	2
	Max	6,70	3,55		
4,0	Min.	7,40	3,80	-2,00	2
	Max	7,70	4,10		
4,5	Min.	8,20	4,30	-2,20	2
	Max	8,50	4,60		
5,0	Min.	9,20	4,75	-2,60	2
	Max	9,50	5,10		
6,0	Min.	10,90	5,75	-3,10	3
	Max	11,40	6,20		

### C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 330-420**  
Durezza a cuore: HV 330-420
- **Threaded section: as per listing**  
(Ex 3,5x30/18 = thread 18)  
Parte filettata: come da listino  
(Es. 3,5x30/18 = filetto 18)

# 05152

## TSP PZ PT

SIZES MISURE	FINISHING			PACKAGING			
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 €/ 1.000	TG 3 BRONZE PL. BRONZATE €/ 1.000				
<b>3,5 x 30/18</b>	14,55	15,45	16,00	6.000 (12)	2.000 (4)	500	12.500
<b>35/21</b>	16,70	17,70	18,30	6.000 (12)	2.000 (4)	500	10.000
<b>40/25</b>	20,65	21,85	22,40	4.000 (8)	2.000 (4)	500	10.000
<b>45/28</b>	33,05	35,00	35,95	4.000 (8)	2.000 (4)	500	10.000
<b>50/30</b>	35,60	37,70	38,85	4.000 (8)	2.000 (4)	500	6.000
<b>4,0 x 30/18</b>	18,60	19,70	20,50	6.000 (12)	2.000 (4)	500	10.000
<b>35/21</b>	20,80	22,05	22,95	4.000 (8)	2.000 (4)	500	10.000
<b>40/25</b>	25,90	27,45	28,25	4.000 (8)	2.000 (4)	500	8.000
<b>45/28</b>	33,05	35,00	35,95	2.400 (12)	800 (4)	200	6.000
<b>50/30</b>	35,30	37,40	38,35	2.400 (12)	800 (4)	200	5.000
<b>60/35</b>	43,20	45,75	49,70	2.400 (12)	800 (4)	200	4.000
<b>70/45</b>	61,85	65,55	67,25	2.400 (12)	800 (4)	200	3.000
<b>4,5 x 35/21</b>	25,15	26,65	27,35	4.000 (8)	2.000 (4)	500	8.000
<b>40/25</b>	29,80	31,60	32,50	4.000 (8)	2.000 (4)	500	6.000
<b>45/28</b>	35,85	38,00	39,00	2.400 (12)	800 (4)	200	5.000
<b>50/30</b>	38,20	40,50	41,75	2.400 (12)	800 (4)	200	5.000
<b>60/35</b>	46,15	48,90	50,30	2.400 (12)	800 (4)	200	4.000
<b>70/45</b>	61,85	65,55	67,25	1.600 (8)	800 (4)	200	3.000
<b>80/48</b>	69,95	74,10	77,70	1.600 (8)	800 (4)	200	2.000
<b>5,0 x 40/25</b>	36,65	38,85	40,15	2.400 (12)	800 (4)	200	5.000
<b>45/28</b>	42,60	45,15	46,55	2.400 (12)	800 (4)	200	4.000
<b>50/30</b>	45,00	47,70	49,00	2.400 (12)	800 (4)	200	4.000
<b>60/35</b>	53,35	56,55	61,80	1.600 (8)	800 (4)	200	3.000
<b>70/45</b>	61,85	65,55	71,85	1.600 (8)	800 (4)	200	2.000
<b>80/48</b>	69,95	74,15	83,10	1.600 (8)	800 (4)	200	2.000
<b>6,0 x 50/30</b>	65,50	69,40	71,85	1.600 (8)	800 (4)	200	2.500
<b>60/35</b>	77,40	82,00	88,55	1.200 (6)	400 (2)	200	2.500
<b>70/45</b>	90,70	96,10	109,20	1.200 (6)	400 (2)	200	2.000
<b>80/48</b>	105,25	111,55	117,90	1.200 (6)	400 (2)	200	1.800

**YELLOW ZINC finishing (Cr VI) available until end of stock.**  
 Finitura ZINCATA GIALLA (Cr VI) disponibile fino ad esaurimento scorte.



**05053**

TSP PZ HO



ALWAYS UP-TO-DATE WITH REGULATIONS

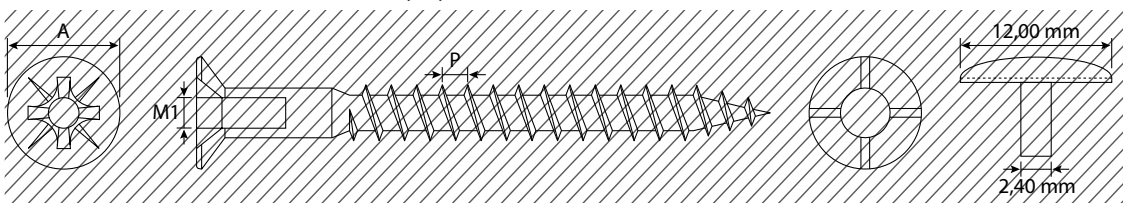


With hole // Con foro

**TG 51** BASE  
 Zn Cr3 3µm  
 24 hr  
 RoHS compliant


## CHIPBOARD SCREWS PZ FLAT HEAD, HOLE FOR PLASTIC CAPS AND RIBS UNDER HEAD

- Viti per pannelli truciolari testa svasata piana PZ c/foro per cappucci in plastica e alette svasanti
- Spanplattenschrauben Flachsenkopf PZ-Antrieb mit Fräsrippen und Kopflochbohrung für Abdeckkappen aus Kunststoff
- Vis pour panneaux d'aggloméré tête fraisée crantée PZ avec trou pour caches en plastique
- Tornillos para madera cabeza plana estriada PZ con agujero para tapones de plástico
- Шурупы для древесно-стружечных панелей плоская потайная головка с отверстием PZ для заглушки из пластика с ребрами


**PLAY**  
 THE VIDEO

Diameters Diametri	Limits Limiti	A	M1	P	PZ
4,5	Min.	8,64	2,35	-2,00	2
	Max	9,00	2,45		
5,0	Min.	9,60	2,35	-2,20	2
	Max	10,00	2,45		





## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 300-420**  
Durezza a cuore: HV 300-420
- **Threaded section: as per listing**  
(Ex 4,5x20/10 = thread 10)  
Parte filettata: come da listino  
(Es. 4,5x20/10 = filetto 10)



# 05053

## TSP PZ H0

FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000				
4,5 x 20/10	69,10	8.000 (8)	4.000 (4)	1.000	
25/13	70,80	8.000 (8)	4.000 (4)	1.000	
30/18	72,40	6.000 (6)	2.000 (2)	1.000	
35/23	76,75	4.000 (8)	2.000 (4)	500	
40/28	80,05	4.000 (8)	2.000 (4)	500	
45/33	86,90	3.000 (6)	1.000 (2)	500	
50/38	95,45	3.000 (6)	1.000 (2)	500	
60/48	112,45	2.000 (4)	1.000 (2)	500	
70/58	170,90	1.600 (8)	800 (4)	200	
80/68	187,60	1.600 (8)	800 (4)	200	
5,0 x 60/48	120,70	2.000 (4)	1.000 (2)	500	
70/58	199,55	1.600 (8)	800 (4)	200	
80/68	216,30	1.600 (8)	800 (4)	200	

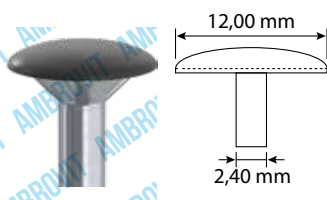


## PLASTIC CAPS FOR CHIPBOARD SCREWS

-  Cappucci coprivite per viti truciolari 
  Abdeckkappen aus Kunststoff für Spanplattenschrauben  
 Caches en plastique pour vis pour panneaux d'aggloméré 
  Tapones tapa-tornillos de plástico para tornillos para madera  
 Декоративные заглушки из пластика для шурупов по дсп

## 00053

CAP PZ



COLOUR AND CODE						PACKAGING
						
TG 21 WHITE BIANCO	TG 22 GREY GRIGIO	TG 23 BLACK NERO	TG 24 OCHRE OCRA	TG 25 LIGHT BROWN MARRONE CHIARO	TG 26 DARK BROWN MARRONE SCURO	
€ / 1.000 17,30						1.000

# 05142

## TSP PZ SM



ALWAYS UP-TO-DATE WITH REGULATIONS

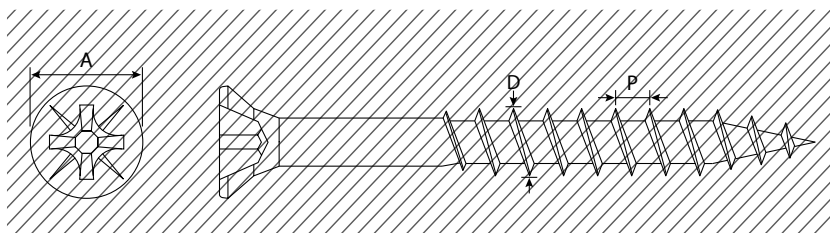


MORE INFO ON PAGE 14

**Small Head // Testa ridotta****TG 51** BASE  
Znc Cr3 3µm  
24 hr**TG 52** YELLOW  
Znc Cr3 3µm  
36 hr

### CHIPBOARD SCREWS PZ SMALL FLAT HEAD PARTIAL THREAD

- Viti per pannelli truciolari TSP PZ testa ridotta filetto parziale
- Spanplattenschrauben kleiner Senkkopf PZ-Antrieb Teilgewinde
- Vis pour panneaux d'aggloméré tête fraisée réduite PZ filetage partiel
- Tornillos para madera cabeza plana reducida PZ rosca parcial
- Шурупы для древесно-стружечных панелей потайная уменьшенная головка, частичная резьба PZ



Diameters Diametri	Limits Limiti	A	D	P	PZ
4,0	Min.	6,50	3,80	-2,00	2
	Max	6,80	4,10		

### C1022

- Carbon steel: C1022**  
Acciaio temperato: C1022
- Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- Core hardness: HV 300-420**  
Durezza a cuore: HV 300-420
- Threaded section: as per listing**  
(Ex 4,0x30/18 = thread 18)  
Parte filettata: come da listino  
(Es. 4,0x30/18 = filetto 18)

#### FINISHING

#### PACKAGING

SIZES MISURE	FINISHING		PACKAGING			
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 €/ 1.000				
4,0 x 30/18	18,65	19,75	6.000 (6)	2.000 (2)	1.000	10.000
35/21	20,95	22,20	6.000 (6)	2.000 (2)	1.000	10.000

# 04054

## TSP TX SM DR



ALWAYS UP-TO-DATE WITH REGULATIONS



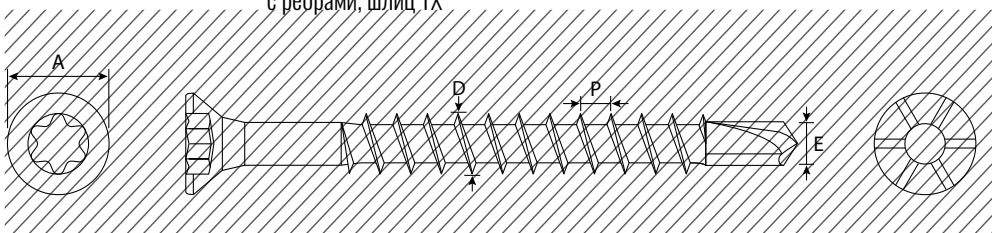
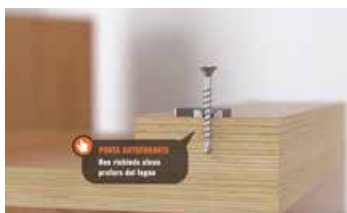
MORE INFO ON PAGE 14

**Small Head // Testa ridotta**

### CHIPBOARD SCREWS TX SMALL FLAT HEAD, RIBS UNDER HEAD AND DRILLING POINT



- Viti per pannelli truciolari TSP TX testa ridotta con alette svasanti autoperforante
- Spanplattenschrauben kleiner Flachsenkopf TX-Antrieb mit Fräsrippen und Bohrspitze
- Vis médium tête fraiséé réduite crantée TX autoperceuse
- Tornillos para madera cabeza plana reducida estriada TX y punta broca
- Шурупы для древесно-стружечных панелей самосверлящие потайная уменьшенная самозенкующая головка с ребрами, шлиц TX

**ambrovit.it/video TUTORIAL**

Diameters Diametri	Limits Limiti	A	D	E	P	TX
4,0	Min.	6,50	3,70	2,80	-2,00	T15
	Max.	6,80	4,10	2,90		

## C1022

- Carbon steel: C1022**  
Acciaio temperato: C1022
- Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- Core hardness: HV 300-420**  
Durezza a cuore: HV 300-420
- Threaded section: as per listing**  
(Ex 4,0x30/21 = thread 21)  
Parte filettata: come da listino  
(Es. 4,0x30/21 = filetto 21)






**PLAY THE VIDEO**






# 04054

## TSP TX SM DR



### CHIPBOARD SCREWS TX SMALL FLAT HEAD, RIBS UNDER HEAD AND DRILLING POINT

-  Viti per pannelli truciolari TSP TX testa ridotta con alette svasanti autopercorante
-  Spanplattenschrauben kleiner Flachsennkopf TX-Antrieb mit Fräsrippen und Bohrspitze
-  Vis médium tête fraisée réduite crantée TX autopercuse
-  Tornillos para madera cabeza plana reducida estriada TX y punta broca
-  Шурупы для древесно-стружечных панелей самосверлящие потайная уменьшенная самозенкующая головка с ребрами, шлиц TX

		FINISHING		PACKAGING			
SIZES MISURE	TX						
		TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 € / 1.000				
4,0 x 30/21	T15	52,55	55,70	8.000 (8)	4.000 (4)	1.000	10.000
35/26	T15	61,00	64,65	6.000 (6)	2.000 (2)	1.000	10.000
40/28	T15	69,35	73,50	4.000 (4)	2.000 (2)	1.000	8.000

# 04052

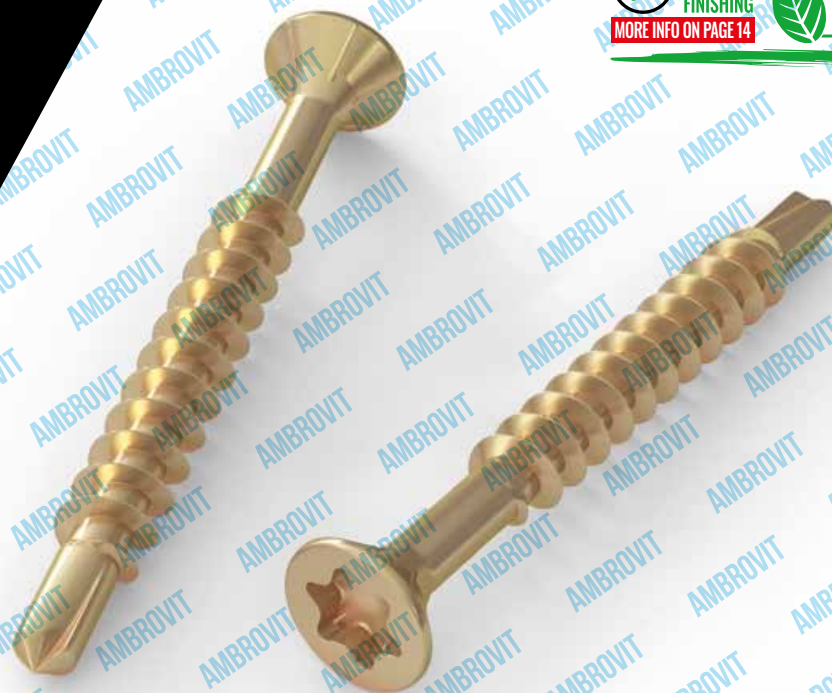
## TSP TX DR



ALWAYS UP-TO-DATE WITH REGULATIONS

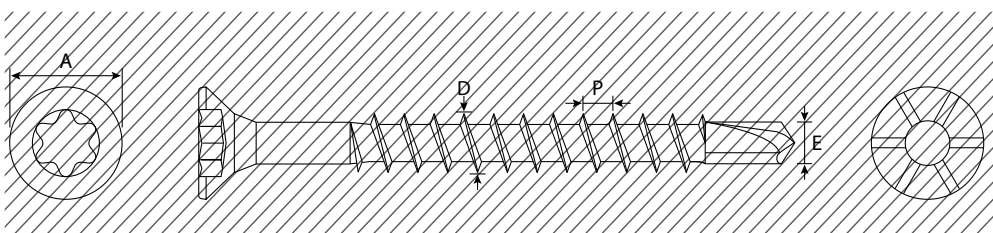


MORE INFO ON PAGE 14



### CHIPBOARD SCREWS TX FLAT HEAD, RIBS UNDER HEAD AND DRILLING POINT

- Viti per pannelli truciolari TSP TX con alette svasanti auto perforante
- Spanplattenschrauben Flachsenkopf TX-Antrieb mit Fräsrippen und Bohrspitze
- Vis médium tête fraisée crantée TX autoperceuse
- Tornillos para madera cabeza plana estriada TX y punta broca
- Шурупы для древесно-стружечных панелей самосверлящие потайная самозенкующая головка с ребрами, шлиц TX



Diameters Diametri	Limits Limiti	A	D	E	P	TX
4,0	Min.	7,40	3,70	2,75	-2,00	T20
	Max	7,70	4,10	2,85		
5,0	Min.	9,20	4,70	3,15	-2,60	T25
	Max	9,50	5,10	3,25		

### C1022






- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 300-420**  
Durezza a cuore: HV 300-420
- **Threaded section: as per listing**  
(Ex 4,0x30/21 = thread 21)  
Parte filettata: come da listino  
(Es. 4,0x30/21 = filetto 21)







04052

TSP TX DR



### CHIPBOARD SCREWS TX FLAT HEAD, RIBS UNDER HEAD AND DRILLING POINT

-  Viti per pannelli truciolari TSP TX con alette svasanti autopercorante
-  Spanplattenschrauben Flachsenkopf TX-Antrieb mit Fräsrippen und Bohrspitze
-  Vis médium tête fraisée crantée TX autopercuse
-  Tornillos para madera cabeza plana estriada TX y punta broca
-  Шурупы для древесно-стружечных панелей самосверлящие потайная самозенкующая головка с ребрами, шлиц TX

		FINISHING		PACKAGING			
SIZES MISURE	TX						
		TG 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000	TG 52 YELLOW ZINC Cr3 ZINC. GIALLE Cr3 € / 1.000				
<b>4,0 x 30/21</b>	T20	42,05	44,55	6.000 (12)	2.000 (4)	500	10.000
<b>35/26</b>	T20	46,50	49,30	4.000 (8)	2.000 (4)	500	10.000
<b>40/28</b>	T20	52,55	55,70	4.000 (8)	2.000 (4)	500	8.000
<b>45/28</b>	T20	58,65	62,15	2.400 (12)	800 (4)	200	6.000
<b>50/33</b>	T20	63,15	66,90	2.400 (12)	800 (4)	200	5.000
<b>60/38</b>	T20	82,35	87,30	2.400 (12)	800 (4)	200	4.000
<b>70/48</b>	T20	91,10	96,55	2.400 (12)	800 (4)	200	3.000
<b>5,0 x 50/33</b>	T25	101,60	107,65	2.400 (12)	800 (4)	200	4.000
<b>60/38</b>	T25	123,55	130,95	1.600 (8)	800 (4)	200	3.000
<b>70/48</b>	T25	134,95	143,00	1.600 (8)	800 (4)	200	2.000
<b>80/48</b>	T25	156,90	166,30	1.600 (8)	800 (4)	200	2.000
<b>90/58</b>	T25	178,65	189,35	1.200 (12)	400 (4)	100	1.500
<b>100/58</b>	T25	222,65	236,00	1.200 (12)	400 (4)	100	1.000

**YELLOW ZINC finishing (Cr VI) available until end of stock.**

Finitura ZINCATA GIALLA (Cr VI) disponibile fino ad esaurimento scorte.

# 08062

## TMT TX C/COLLARE

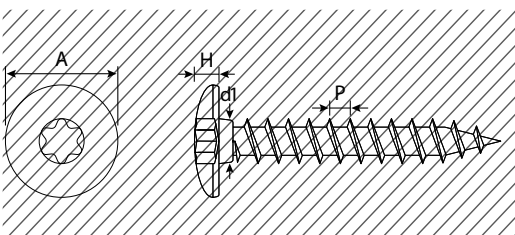


ALWAYS UP-TO-DATE WITH REGULATIONS



### CHIPBOARD SCREWS TX TRUSS HEAD AND NECK UNDER HEAD

- Viti per pannelli truciolari testa mezza tonda TX con collare sottotesta
- Spanplattenschrauben Flachrundkopf TX-Antrieb mit verstärktem Ansatz
- Vis à penture TX avec renfort s/tête
- Tornillos para madera cabeza abombada TX con ranura
- Шурупы для древесно-стружечных панелей полукруглая головка с усиленной головкой, шлиц TX



[ambrovit.it/video](http://ambrovit.it/video)  
**TUTORIAL**



Diameters Diametri	Limits Limiti	A	H	d1	P	TX
5,5	Min.	11,50	2,85	5,70	-2,20	T30
	Max	12,20	3,20	5,90		
6,0	Min.	14,50	3,00	5,80	-2,70	T30
	Max	15,00	3,40	6,00		
7,0	Min.	16,50	3,40	6,80	-3,30	T30
	Max	17,00	3,80	7,00		

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 300-420**  
Durezza a cuore: HV 300-420








**PLAY**  
THE VIDEO








08062

TMT TX C/COLLARE



## CHIPBOARD SCREWS TX TRUSS HEAD AND NECK UNDER HEAD

-  Viti per pannelli truciolari testa mezza tonda TX con collare sottotesta
-  Spanplattenschrauben Flachrundkopf TX-Antrieb mit verstärktem Ansatz
-  Vis à penture TX avec renfort s/tête
-  Tornillos para madera cabeza abombada TX con ranura
-  Шурупы для древесно-стружечных панелей полукруглая головка с усиленной головкой, шлиц TX

		FINISHING			PACKAGING			
SIZES MISURE	TX							
		BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	YELLOW ZNC Cr3 ZINC. GIALLA Cr3 €/ 1.000	BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.000				
5,5 x 20	T30	37,95	40,20	46,86	4.000 (8)	2.000 (4)	500	5.000
	T30	44,85	47,50	56,21	3.000 (6)	1.000 (2)	500	4.000
	T30	50,00	53,00	62,43	2.000 (4)	1.000 (2)	500	4.000
	T30	54,25	57,50	68,53	2.000 (4)	1.000 (2)	500	3.500
	T30	59,55	63,10	75,96	2.000 (4)	1.000 (2)	500	3.000
	T30	64,80	68,65	83,11	2.000 (4)	1.000 (2)	500	2.500
6,0 x 20	T30	44,00	46,60	56,10	3.000 (6)	1.000 (2)	500	4.000
	T30	60,15	63,75	74,47	2.000 (4)	1.000 (2)	500	3.500
	T30	66,45	70,40	81,67	2.000 (4)	1.000 (2)	500	3.500
	T30	72,70	77,05	90,37	2.000 (4)	1.000 (2)	500	3.000
	T30	78,95	83,65	96,30	2.000 (4)	1.000 (2)	500	2.500
	T30	87,70	92,95	106,27	1.200 (6)	400 (2)	200	2.000
	T30	91,50	97,00	114,85	1.200 (6)	400 (2)	200	2.000
	T30	116,15	123,10	164,68	800 (4)	400 (2)	200	1.500
	T30	136,80	145,00	193,91	800 (4)	400 (2)	200	1.200
	T30	155,95	165,30	221,05	800 (4)	400 (2)	200	1.000
7,0 x 30	T30	110,20	116,80	149,60	1.200 (6)	400 (2)	200	2.500
	T30	120,65	127,85	162,86	1.200 (6)	400 (2)	200	2.000
	T30	129,95	137,70	176,18	800 (4)	400 (2)	200	1.500
	T30	140,40	148,80	190,63	800 (4)	400 (2)	200	1.500
	T30	153,15	162,30	207,53	800 (4)	400 (2)	200	1.200
	T30	174,00	184,40	235,25	800 (4)	400 (2)	200	1.000
	T30	235,60	249,70	327,78	400 (4)	200 (2)	100	1.000
	T30	260,45	276,05	362,10	400 (4)	200 (2)	100	800

**YELLOW ZINC finishing (Cr VI) available until end of stock.**

Finitura ZINCATA GIALLA (Cr VI) disponibile fino ad esaurimento scorte.



# 05068

## TMT PZ



ALWAYS UP-TO-DATE WITH REGULATIONS



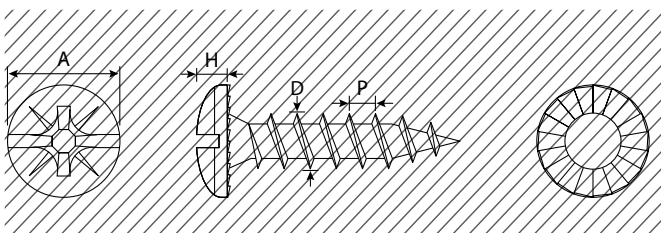
MORE INFO ON PAGE 14



### CHIPBOARD SCREWS PZ AND SLOTTED COMBINATION TRUSS HEAD WITH SERRATION UNDER HEAD



- Viti per pannelli truciolari testa mezza tonda combi PZ dentellata sottotesta
- Spanplattenschrauben Flachrundkopf Kombi-Kreuzschlitz PZ mit Unterkopfverzahnung
- Vis pour panneaux d'aggloméré tête ronde large crantée combi PZ
- Tornillos para madera cabeza abombada combi PZ dentellados bajo cabeza
- Шурупы для древесно-стружечных панелей полукруглая зубчатая головка PZ с комбинированным шлицем



Diameters Diametri	Limits Limiti	A	H	D	P	PZ
6,0	Min.	11,80	3,53	5,70	-2,80	3
	Max	12,30	3,83	6,20		

## C1022

- Carbon steel: C1022**  
Acciaio temperato: C1022
- Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- Core hardness: HV 330-420**  
Durezza a cuore: HV 330-420
- Threaded section: FULL THREAD**  
Parte filettata: TUTTO FILETTO

#### FINISHING

#### PACKAGING

SIZES MISURE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000		TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000		PACKAGING	
	6,0 x 16	60,00	71,00	2.400 (12)	800 (4)	200
17	61,00	72,00	2.400 (12)	800 (4)	200	5.000
19	62,00	74,50	2.400 (12)	800 (4)	200	4.500
25	66,80	82,60	2.400 (12)	800 (4)	200	4.000

# 08052

## TMT PZ RAN



ALWAYS UP-TO-DATE WITH REGULATIONS

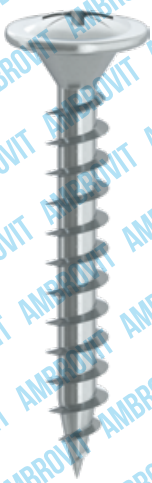
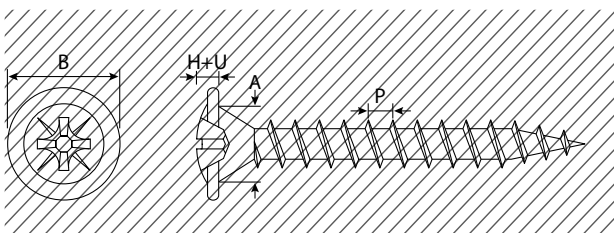


MORE INFO ON PAGE 14

**TG 51** BASE  
Znc Cr3 3µm  
24 hr

### CHIPBOARD SCREWS PZ WAFER HEAD

- Viti per pannelli truciolari testa mezza tonda ranellata PZ
- Spanplattenschrauben Rückwandkopf PZ-Antrieb
- Vis pour panneaux d'aggloméré tête ronde large PZ
- Tornillos para madera cabeza abombada+arandela PZ
- Шурупы для древесно-стружечных панелей полукруглая головка с фланцем PZ



Diameters Diametri	Limits Limiti	A	B	H+U	P	PZ
3,0	Min.	3,70	6,90	-	-1,50	1
	Max.	3,90	7,30	1,30		
3,5	Min.	5,00	7,90	-	-1,80	2
	Max.	5,30	8,30	1,40		
4,0	Min.	5,50	9,00	-	-2,00	2
	Max.	5,80	9,40	1,80		

### C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 330-420**  
Durezza a cuore: HV 330-420

SIZES MISURE	FINISHING		PACKAGING			
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000					
3,0 x 16	10,05	12.000 (6)	4.000 (2)	2.000	30.000	
	20	11,60	12.000 (6)	4.000 (2)	2.000	25.000
3,5 x 20	12,20	8.000 (4)	4.000 (2)	2.000	20.000	
	25	13,55	8.000 (4)	4.000 (2)	2.000	15.000
	30	15,45	4.000 (4)	2.000 (2)	1.000	10.000
	35	17,30	4.000 (4)	2.000 (2)	1.000	10.000
	40	21,45	8.000 (8)	4.000 (4)	1.000	12.000
4,0 x 20	23	23,05	8.000 (8)	4.000 (4)	1.000	10.000
	25	24,60	6.000 (6)	2.000 (2)	1.000	10.000
	27	26,45	6.000 (6)	2.000 (2)	1.000	10.000
	30	27,80	6.000 (6)	2.000 (2)	1.000	8.000
	35	31,00	4.000 (4)	2.000 (2)	1.000	8.000
	40	36,95	4.000 (4)	2.000 (2)	1.000	7.000

# 78052

## TMT RAN K



ALWAYS UP-TO-DATE WITH REGULATIONS

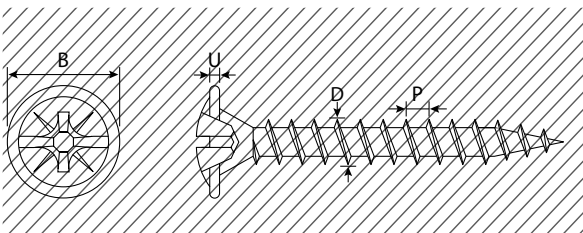


MORE INFO ON PAGE 14



### CHIPBOARD SCREWS PZ AND SLOTTED COMBINATION WAFER HEAD

- Viti per pannelli truciolari testa mezza tonda ranellata PZ combi
- Spanplattenschrauben Flachrundkopf mit Bund und Kombi-Kreuzschlitz PZ
- Vis pour panneaux d'aggloméré tête ronde large combi PZ
- Tornillos para madera abombada+arandela combi PZ
- Шурупы для древесно-стружечных панелей полукруглая головка с шайбой и комбинированным шлицем PZ



Diameters Diametri	Limits Limiti	B	U	D	P	PZ
3,5	Min.	8,40	0,50	3,35	-1,80	2
	Max	8,80	0,70	3,55		
4,0	Min.	9,60	0,80	3,80	-2,00	2
	Max	10,00	1,00	4,10		

### C1022

- Carbon steel: C1022**  
Acciaio temperato: C1022
- Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- Core hardness: HV 330-420**  
Durezza a cuore: HV 330-420

#### FINISHING



#### PACKAGING



SIZES MISURE	FINISHING		PACKAGING				
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 3 BRONZE PL BRONZATE €/ 1.000	Box	Tray	Box	Tray	
3,5 x 20	15,35	18,85	8.000 (4)	4.000 (2)	2.000	15.000	
	25	18,00	8.000 (4)	4.000 (2)	2.000	12.500	
	30	20,75	4.000 (4)	2.000 (2)	1.000	10.000	
	35	23,45	27,90	4.000 (4)	2.000 (2)	1.000	8.000
4,0 x 16	19,55	23,55	8.000 (8)	4.000 (4)	1.000	12.000	
	20	21,45	25,45	8.000 (8)	4.000 (4)	1.000	10.000
	23	23,05	27,45	6.000 (6)	2.000 (2)	1.000	8.000
	25	24,60	29,05	6.000 (6)	2.000 (2)	1.000	8.000
	30	27,80	32,75	4.000 (4)	2.000 (2)	1.000	8.000
	35	31,00	36,50	4.000 (4)	2.000 (2)	1.000	6.000

# 78552

## TMT RAN K S/P



ALWAYS UP-TO-DATE WITH REGULATIONS

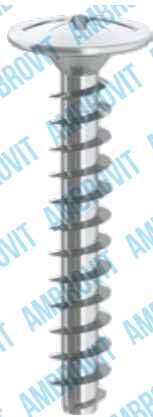
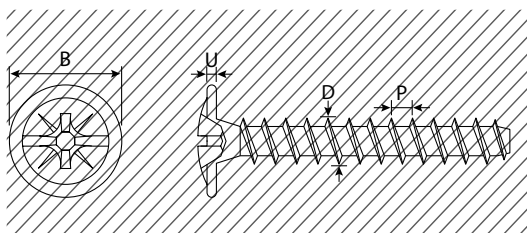


MORE INFO ON PAGE 14



### CHIPBOARD SCREWS PZ AND SLOTTED COMBINATION WAFER HEAD WITHOUT POINT

- 🇮🇹 Viti per pannelli truciolari testa mezza tonda ranellata PZ combi s/punta
- 🇩🇪 Spanplattenschrauben Flachrundkopf mit Bund und Kombi-Kreuzschlitz PZ ohne Spitze
- 🇫🇷 Vis pour panneaux d'aggloméré tête ronde large combi PZ sans pointe
- 🇪🇸 Tornillos para madera cabeza abombada+arandela combi PZ s/punta
- 🇷🇺 Шурупы для древесно-стружечных панелей полукруглая головка с шайбой PZ плоский наконечник



Diameters Diametri	Limits Limiti	B	U	D	P	PZ
3,5	Min.	8,40	0,50	3,30	-1,50	2
	Max.	8,80	0,70	3,55		
4,0	Min.	9,40	0,60	3,80	-1,80	2
	Max.	9,80	0,80	4,10		
4,5	Min.	10,20	0,70	4,30	-2,00	2
	Max.	10,60	0,90	4,60		






### C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 330-420**  
Durezza a cuore: HV 330-420

SIZES MISURE	FINISHING		PACKAGING				
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 3 BRONZE PL. BRONZATE €/ 1.000					
3,5 x 25	18,75	22,45	8.000 (4)	4.000 (2)	2.000	12.500	
	27	20,10	6.000 (6)	2.000 (2)	1.000	12.500	
	30	21,60	25,70	4.000 (4)	2.000 (2)	1.000	10.000
4,0 x 20	22,30	26,50	8.000 (8)	4.000 (4)	1.000	10.000	
	25	25,65	30,20	6.000 (6)	2.000 (2)	1.000	10.000
	27	27,35	32,15	6.000 (6)	2.000 (2)	1.000	10.000
	32	30,60	36,00	4.000 (4)	2.000 (2)	1.000	8.000
	35	32,25	38,05	4.000 (4)	2.000 (2)	1.000	8.000
40	39,90	48,20	4.000 (4)	2.000 (2)	1.000	7.000	
4,5 x 25	28,55	33,80	4.000 (4)	2.000 (2)	1.000	8.000	



# DOME & EURO SCREWS

-  TBL combinate e viti Euro
-  Möbelgriffschrauben und Euroschrauben
-  Vis poêliers et vis euro
-  Tornillos para tiradores y tornillos euro
-  Винты мебельные и Евровинты



## **AMBROVIT** MAIN DATA

**44,000**  
PALLETS

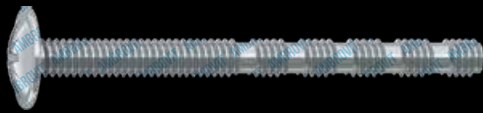
**3,000**  
TRAYS

**1,500**  
CLIENTS

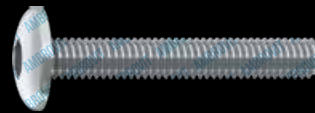
**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS

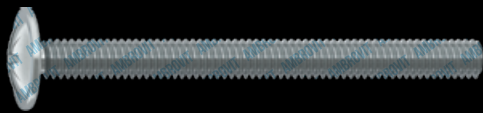
**08800** TMBL BREAK-OFF PAGE 198



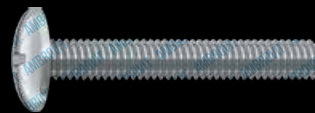
**09800** TBL CEI PAGE 199



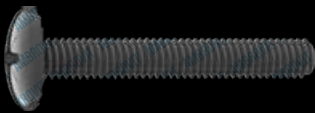
**07800** TMBL PZ RAN PAGE 200



**03800** TBL PZ PAGE 202



**06800** TBL PZ SERR PAGE 204



**05500** TSP PZ PAGE 205



**06500** TSP PZ SM PAGE 206



Small Head

# 08800

TMBL BREAK-OFF

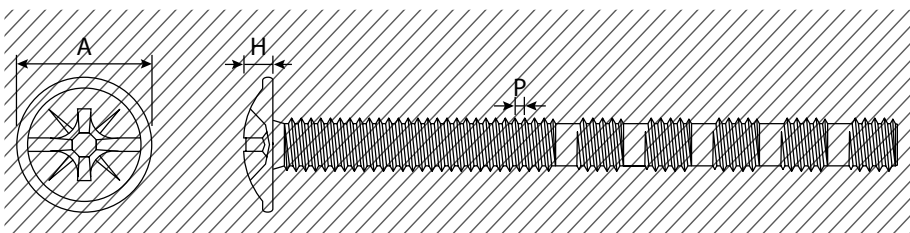


ALWAYS UP-TO-DATE WITH REGULATIONS



## DOMESCREWS PZ AND SLOTTED COMBINATION WAFER HEAD BREAK-OFF

- Viti testa bombata larga combi ranellata a tagliare PZ
- Möbelgriffschrauben Scheibenkopf mit Kombi-Kreuzschlitz PZ zum Ablängen
- Vis poêliers tête bombée large PZ sécable
- Tornillos para tiradores cabeza abombada combi PZ multicorte
- Винты мебельные полукруглая головка с шайбой, прерывистой резьбой и комбинированным шлицем PZ



Diameters Diametri	Limits Limiti	A	H	P	PZ
M 4	Min.	9,25	2,24	-0,70	2
	Max	9,75	2,59		

Sizes Misure	Break-off Tagli				
M 4 x 42,5	17,5	22,5	27,5	32,5	37,5
	45	20	25	30	35

### CL. 4.8

- Low Tensile Steel**  
Acciaio a Bassa Resistenza
- Class 4.8 Steel**  
Acciaio Classe 4.8
- Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

SIZES MISURE	FINISHING			PACKAGING			
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 €/ 1.000	TG 3 BRONZE PL. BRONZATE €/ 1.000				
M 4 x 42,5	52,35	55,50	71,55	2.000 (4)	1.000 (2)	500	4.000
45	58,05	61,50	79,35	2.000 (4)	1.000 (2)	500	4.000



# 09800

TBL CEI



ALWAYS UP-TO-DATE WITH REGULATIONS

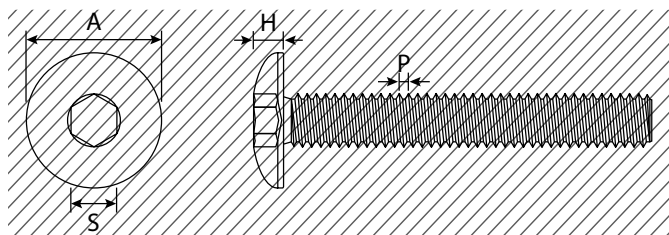


MORE INFO ON PAGE 14

TG 51  
BASE  
Zinc Cr3 3µm  
24 hr

## DOMESCREWS WITH HEXAGON SOCKET TRUSS HEAD

- Viti testa bombata larga combi esagono incassato
- Möbelgriffschrauben Flachrundkopf mit Innensechskant
- Vis poêliers tête bombée large six pans creux
- Tornillos para tiradores cabeza abombada hexágono interior
- Винты мебельные полукруглая головка с внутренним шестигранником



Diameters Diametri	Limits Limiti	A	H	S	P
M 6	Min.	14,50	3,30	5,00	~ 1,00
	Max.	15,00	3,70		

## CL. 4.8

- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Class 4.8 Steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

### FINISHING

SIZES  
MISURETG 51  
BLUE ZNC Cr3  
ZINCATE Cr3  
€/ 1.000

### PACKAGING



SIZES	FINISHING	PACKAGING	CONCRETE SCREWS	BLOCKFRAME SCREWS	SELF-DRILLING SCREWS
M 6 x 10	51,50	4.000 (8)	2.000 (4)	500	
12	53,70	4.000 (8)	2.000 (4)	500	
15	59,65	3.000 (6)	1.000 (2)	500	
18	62,25	3.000 (6)	1.000 (2)	500	
20	66,85	3.000 (6)	1.000 (2)	500	
25	74,20	2.000 (4)	1.000 (2)	500	
30	82,25	2.000 (4)	1.000 (2)	500	
35	91,55	1.600 (8)	800 (4)	200	
40	100,10	1.200 (6)	400 (2)	200	

# 07800

## TMBL PZ RAN

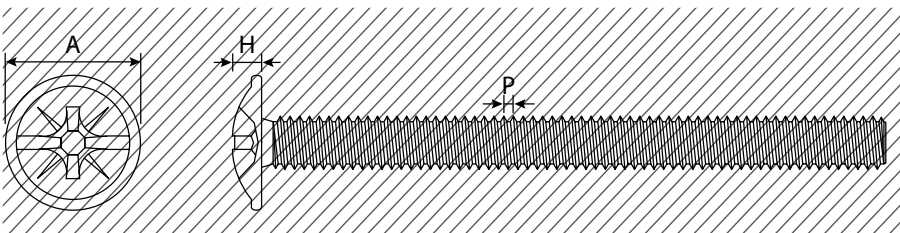


ALWAYS UP-TO-DATE WITH REGULATIONS



### DOMESCREWS PZ AND SLOTTED COMBINATION WAFER HEAD

- Viti testa bombata larga combi ranellata PZ
- Möbelgriffschrauben Scheibenkopf Kombi-Kreuzschlitz PZ
- Vis poêliers tête ronde large à embase PZ
- Tornillos para tiradores cabeza abombada+arandela combi PZ
- Винты мебельные полукруглая головка с прессшайбой и комбинированным шлицем PZ



[ambrovit.it/video](https://ambrovit.it/video)  
**TUTORIAL**



Diameters Diametri	Limits Limiti	A	H	P	PZ
M 4	Min.	9,50	1,90	-0,70	2
	Max.	10,00	2,30		

## CL. 4.8










- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Class 4.8 Steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>



# PLAY THE VIDEO

# 07800

## TMBL PZ RAN

SIZES MISURE	FINISHING					PACKAGING			
									
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 €/1.000	TG 3 BRONZE PL. BRONZATE €/1.000	TG 4 NICKEL PL. NICHELATE €/1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/1.000				
M 4 x 7	14,60	15,45	18,40	18,40	19,32	12.000 (24)	2.000 (4)	500	15.000
7,5	14,60	15,45	18,40	18,40	19,32	12.000 (24)	2.000 (4)	500	15.000
8	14,60	15,45	18,40	18,40	19,32	12.000 (24)	2.000 (4)	500	15.000
10	15,30	16,20	19,35	19,35	20,27	12.000 (24)	2.000 (4)	500	14.000
12	16,85	17,85	21,20	21,20	22,16	6.000 (12)	2.000 (4)	500	12.500
12,5	16,85	17,85	21,20	21,20	22,16	6.000 (12)	2.000 (4)	500	12.500
16	18,20	19,30	22,95	22,95	24,10	6.000 (12)	2.000 (4)	500	10.000
17	19,75	20,95	24,85	24,85	26,04	6.000 (12)	2.000 (4)	500	10.000
17,5	19,75	20,95	24,85	24,85	26,04	6.000 (12)	2.000 (4)	500	10.000
18	19,75	20,95	24,85	24,85	26,04	6.000 (12)	2.000 (4)	500	10.000
20	21,10	22,35	26,60	26,60	27,88	6.000 (12)	2.000 (4)	500	8.000
21	21,10	22,35	26,60	26,60	27,88	6.000 (12)	2.000 (4)	500	8.000
22	21,90	23,20	27,80	27,80	29,19	6.000 (12)	2.000 (4)	500	8.000
22,5	21,90	23,20	27,80	27,80	29,19	6.000 (12)	2.000 (4)	500	8.000
23	22,65	24,00	28,65	28,65	30,03	6.000 (12)	2.000 (4)	500	8.000
24	22,65	24,00	28,65	28,65	30,03	4.000 (8)	2.000 (4)	500	7.500
25	22,65	24,00	28,65	28,65	30,03	4.000 (8)	2.000 (4)	500	7.500
27	25,55	27,05	32,25	32,25	33,86	4.000 (8)	2.000 (4)	500	7.000
27,5	25,55	27,05	32,25	32,25	33,86	4.000 (8)	2.000 (4)	500	7.000
28	25,55	27,05	32,25	32,25	33,86	4.000 (8)	2.000 (4)	500	7.000
30	28,50	30,20	35,95	35,95	37,59	4.000 (8)	2.000 (4)	500	6.000
32	29,15	30,90	36,75	36,75	38,69	4.000 (8)	2.000 (4)	500	5.000
32,5	29,15	30,90	36,75	36,75	38,69	4.000 (8)	2.000 (4)	500	5.000
35	32,80	34,75	41,45	41,45	43,52	3.000 (6)	1.000 (2)	500	5.000
37	34,30	36,35	43,25	43,25	45,41	3.000 (6)	1.000 (2)	500	5.000
37,5	34,30	36,35	43,25	43,25	45,41	3.000 (6)	1.000 (2)	500	5.000
38	34,30	36,35	43,25	43,25	45,41	3.000 (6)	1.000 (2)	500	5.000
40	36,55	38,75	46,00	46,00	48,25	3.000 (6)	1.000 (2)	500	5.000
42	40,15	42,55	50,65	50,65	53,08	3.000 (6)	1.000 (2)	500	4.000
42,5	40,15	42,55	50,65	50,65	53,08	3.000 (6)	1.000 (2)	500	4.000
45	43,80	46,40	55,20	55,20	57,91	2.000 (4)	1.000 (2)	500	4.000
47	47,40	50,20	59,65	59,65	62,53	2.000 (4)	1.000 (2)	500	3.000
47,5	47,40	50,20	59,65	59,65	62,53	2.000 (4)	1.000 (2)	500	3.000
50	51,10	54,15	64,40	64,40	67,52	2.000 (4)	1.000 (2)	500	3.000
55	61,00	64,65	76,65	76,65	82,95	2.000 (4)	1.000 (2)	500	3.000
60	70,00	74,20	89,25	89,25	96,60	2.000 (4)	1.000 (2)	500	3.000



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRIANGULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 03800






## TBL PZ

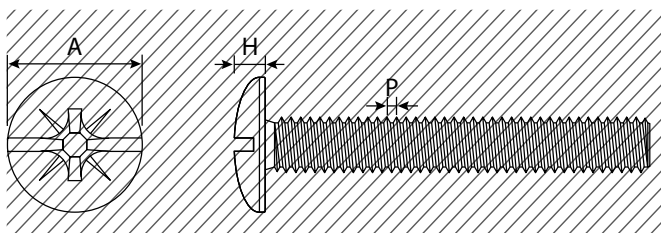


ALWAYS UP-TO-DATE WITH REGULATIONS



### DOMESCREWS PZ AND SLOTTED COMBINATION TRUSS HEAD

-  Viti testa bombata larga combi ranellata PZ
-  Möbelgriffschrauben Scheibenkopf mit Kombi-Kreuzschlitz PZ
-  Vis poêliers tête bombée large PZ
-  Tornillos para tiradores cabeza abombada combi PZ
-  Винты мебельные полукруглая головка с прессшайбой и с комбинированным шлицем PZ



Diameters Diametri	Limits Limiti	A	H	P	PZ
M 5	Min.	9,50	3,00	-0,80	2
	Max	10,00	3,30		
M 6	Min.	14,00	3,10	-1,00	3
	Max	14,50	3,40		
M 8	Min.	15,50	3,80	-1,20	3
	Max	16,00	4,00		

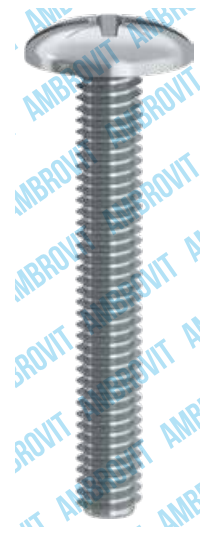
## CL. 4.8

- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Class 4.8 Steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

# 03800

## TBL PZ

SIZES MISURE	FINISHING					PACKAGING			
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 €/ 1.000	TG 3 BRONZE PL. BRONZATE €/ 1.000	TG 4 NICKEL PL. NICHELATE €/ 1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000				
<b>M 5 x 10</b>	27,55	29,20	34,65	34,65	38,12	6.000 (12)	2.000 (4)	500	8.000
12	29,20	30,95	36,95	36,95	40,69	6.000 (12)	2.000 (4)	500	7.000
16	31,25	33,10	39,35	39,35	43,26	6.000 (12)	2.000 (4)	500	6.000
20	36,70	38,90	46,25	46,25	50,87	4.000 (8)	2.000 (4)	500	5.000
25	39,95	42,35	50,30	50,30	55,39	4.000 (8)	2.000 (4)	500	4.000
30	43,85	46,45	55,30	55,30	60,69	3.000 (6)	1.000 (2)	500	4.000
35	49,95	52,95	63,15	63,15	69,25	3.000 (6)	1.000 (2)	500	3.500
40	56,10	59,45	70,95	70,95	77,96	2.000 (4)	1.000 (2)	500	3.000
45	65,00	68,90	81,95	81,95	90,09	1.600 (8)	800 (4)	200	2.500
50	76,40	80,95	96,20	96,20	105,84	1.600 (8)	800 (4)	200	2.500
60	96,70	102,50	122,35	122,35	134,40	1.200 (6)	400 (2)	200	1.600
70	118,70	125,80	150,15	150,15	164,85	800 (4)	400 (2)	200	1.500
80	144,00	152,60	181,65	181,65	200,55	800 (4)	400 (2)	200	1.200
<b>M 6 x 10</b>	41,20	43,65	52,10	52,10	57,33	4.000 (8)	2.000 (4)	500	4.000
12	41,75	44,25	52,75	52,75	57,96	4.000 (8)	2.000 (4)	500	4.000
15	42,60	45,15	53,60	53,60	59,01	3.000 (6)	1.000 (2)	500	4.000
16	44,00	46,60	55,65	55,65	61,95	3.000 (6)	1.000 (2)	500	4.000
20	48,60	51,50	61,15	61,15	67,31	3.000 (6)	1.000 (2)	500	3.000
25	53,20	56,35	67,15	67,15	73,92	2.000 (4)	1.000 (2)	500	2.500
30	56,55	59,90	71,05	71,05	78,17	2.000 (4)	1.000 (2)	500	2.500
35	63,25	67,00	79,55	79,55	87,47	1.600 (8)	800 (4)	200	2.200
40	71,95	76,25	90,85	90,85	99,96	1.200 (6)	400 (2)	200	2.000
45	82,45	87,40	103,90	103,90	114,24	1.200 (6)	400 (2)	200	1.800
50	91,50	97,00	115,50	115,50	127,10	1.200 (6)	400 (2)	200	1.600
60	117,45	124,45	147,95	147,95	162,70	800 (4)	400 (2)	200	1.500
70	146,15	154,90	184,20	184,20	202,49	800 (4)	400 (2)	200	1.000
80	175,00	185,50	220,50	220,50	243,60	800 (4)	400 (2)	200	1.000
100	233,00	246,95	290,85	290,85	325,50	800 (4)	400 (2)	200	800
<b>M 8 x 15</b>	118,05	125,10	148,65	148,65	163,54	2.400 (12)	800 (4)	200	2.200
16	120,00	127,20	151,20	151,20	166,95	2.400 (12)	800 (4)	200	2.200
20	123,50	130,90	155,45	155,45	171,20	1.600 (8)	800 (4)	200	2.000
25	136,45	144,60	171,95	171,95	189,26	1.200 (6)	400 (2)	200	1.500
30	147,40	156,20	185,60	185,60	204,33	1.200 (6)	400 (2)	200	1.400
35	153,00	162,15	192,70	192,70	211,89	1.200 (6)	400 (2)	200	1.200
40	165,70	175,60	208,80	208,80	229,74	800 (4)	400 (2)	200	1.000
45	181,10	191,95	228,15	228,15	250,79	800 (8)	400 (4)	100	1.000
50	195,85	207,60	246,70	246,70	271,43	600 (6)	200 (2)	100	800
55	214,50	227,35	269,30	269,30	315,05	600 (6)	200 (2)	100	700
60	231,70	245,60	291,90	291,90	321,04	600 (6)	200 (2)	100	700
70	268,80	284,90	338,75	338,75	372,59	400 (4)	200 (2)	100	600
80	303,25	321,40	382,45	382,45	420,63	400 (4)	200 (2)	100	500
100	373,00	395,35	470,40	470,40	519,75	400 (4)	200 (2)	100	300



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 06800

## TBL PZ SERR

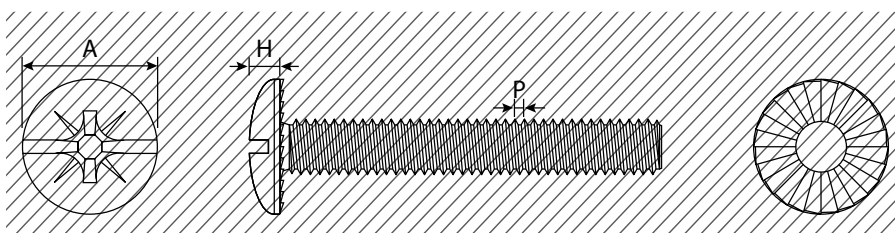


ALWAYS UP-TO-DATE WITH REGULATIONS



### DOMESCREWS PZ COMBINATION TRUSS HEAD WITH SERRATION UNDER HEAD

- Viti testa bombata larga combi PZ dentellatura sotto testa
- Möbelgriffschrauben Flachrundkopf Kombi-Kreuzschlitz PZ und Unterkopfverzahnung
- Vis poêliers tête bombée large crantée combi PZ
- Tornillos para tiradores cabeza abombada combi PZ dentellados bajo cabeza
- Винты мебельные полукруглая зубчатая головка с комбинированным шлицем PZ



Diameters Diametri	Limits Limiti	A	H	P	PZ
M 6	Min.	14,00	3,10	-1,00	3
	Max.	14,50	3,40		

## CL. 4.8

- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Class 4.8 Steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

#### FINISHING



#### SIZES MISURE

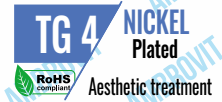
SIZES MISURE	FINISHING		PACKAGING			
	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 €/ 1.000	TG 57 BLACK ZINC Cr3 ZINC. NERE Cr3 €/ 1.0000				
M 6 x 15	49,00	67,08	3.000 (6)	1.000 (2)	500	4.000
16	50,20	70,62	3.000 (6)	1.000 (2)	500	4.000
20	55,80	76,65	3.000 (6)	1.000 (2)	500	3.000
25	61,00	83,72	2.000 (4)	1.000 (2)	500	2.500
30	65,00	88,92	2.000 (4)	1.000 (2)	500	2.500
35	72,50	99,32	1.600 (8)	800 (4)	200	2.200
40	82,50	113,36	1.200 (6)	400 (2)	200	2.000
45	94,50	130,00	1.200 (6)	400 (2)	200	1.800
50	105,00	144,56	1.200 (6)	400 (2)	200	1.600
60	135,00	185,12	800 (4)	400 (2)	200	1.500
70	168,00	229,84	800 (4)	400 (2)	200	1.000

# 05500

## TSP PZ

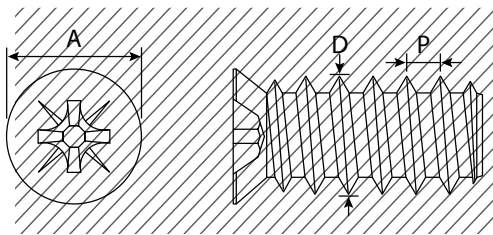


ALWAYS UP-TO-DATE WITH REGULATIONS



### EURO SCREWS PZ FLAT HEAD

- Viti euro testa svasata piana PZ
- Euroschrauben Senkkopf PZ-Antrieb
- Vis euro tête fraisée PZ
- Tornillos euro cabeza plana PZ
- Евровинты потайная плоская головка PZ



Diameters Diametri	Limits Limiti	A	D	P	PZ
6,3	Min.	7,00	6,20	-1,80	2
	Max	7,40	6,45		

### C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 270-390**  
Durezza a cuore: HV 270-390

SIZES MISURE	FINISHING			PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000	TG 4 NICKEL PL. NICHELATE € / 1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 € / 1.000			
6,3 x 9	20,85	26,05	29,22	12.000 (6)	4.000 (2)	2.000
11	22,45	28,10	31,46	12.000 (6)	4.000 (2)	2.000
13	23,80	29,65	33,33	8.000 (4)	4.000 (2)	2.000

# 06500

TSP PZ SM



ALWAYS UP-TO-DATE WITH REGULATIONS



MORE INFO ON PAGE 14

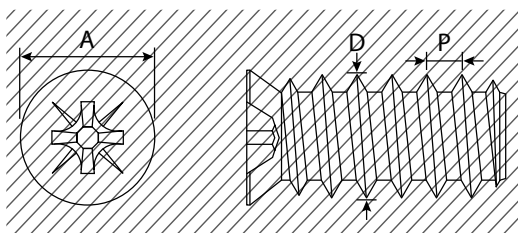


Small Head // Testa ridotta



## EURO SCREWS PZ SMALL FLAT HEAD

- Viti euro testa svasata plana ridotta PZ
- Euroschrauben kleiner Senkkopf PZ-Antrieb
- Vis euro tête fraisée réduite PZ
- Tornillos euro cabeza plana reducida PZ
- Евровинты потайная уменьшенная головка PZ



Diameters Diametri	Limits Limiti	A	D	P	PZ
6,3	Min.	6,70	6,20	-1,80	2
	Max	7,10	6,45		

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 270-390**  
Durezza a cuore: HV 270-390

SIZES MISURE	FINISHING			PACKAGING		
	TG 51 BLUE ZNC Cr3 € / 1.000	TG 4 NICKEL PL. NICHELATE € / 1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 € / 1.000			
6,3 x 9	21,50	26,40	29,59	12.000 (6)	4.000 (2)	2.000
11	23,30	28,45	31,82	12.000 (6)	4.000 (2)	2.000
13	25,10	30,00	33,70	8.000 (4)	4.000 (2)	2.000





BITS

SELF-DRILLING  
SCREWS

BLOCKFRAME  
SCREWS

CONCRETE  
SCREWS

SELF-TAPPING  
SCREWS

TRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODS

MACHINE  
SCREWS

DOME & EURO  
SCREWS

CHIPBOARD  
SCREWS

CARPENTRY WOOD  
SCREWS

DRYWALL  
SCREWS






HEX LAG  
SCREWS

STAINLESS STEEL  
SCREWS

BLIND RIVETS

SPECIAL BOX

# MACHINE SCREWS

-  Viti metriche
-  Gewinde Schrauben
-  Vis métaux
-  Tornillos rosca métrica
-  Винты с метрической резьбой



## AMBROVIT® MAIN DATA

**44,000**  
PALLETS

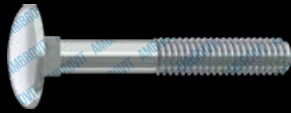
**3,000**  
TRAYS

**1,500**  
CLIENTS

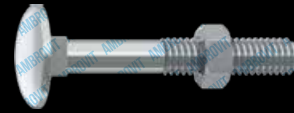
**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS

**06030** TTDQ PAGE 210



**06031** TTDQ + DADO PAGE 212



**06031** TTDQ + DADO PAGE 215



**TG 58** HOT DIP GALVANIZED  
HDC - 40µm

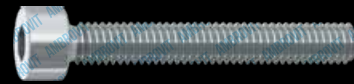
**09639** TSP SM PAGE 217



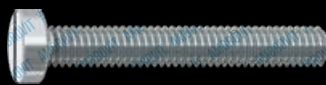
**09641** TGS BREAK-OFF PAGE 218



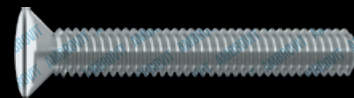
**91248** TC CEI PAGE 219



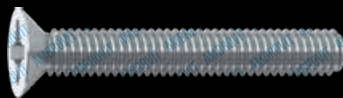
**00840** TC PAGE 220



**09630** TSP PAGE 223



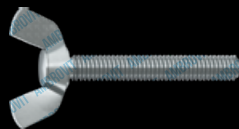
**09650** TSP PH PAGE 226



**79850** TCL PH PAGE 230



**31600** SW PAGE 234



**93300** TE FT PAGE 237



**93311** TE FT + DADO PAGE 240



# 06030

## TTDQ



ALWAYS UP-TO-DATE WITH REGULATIONS



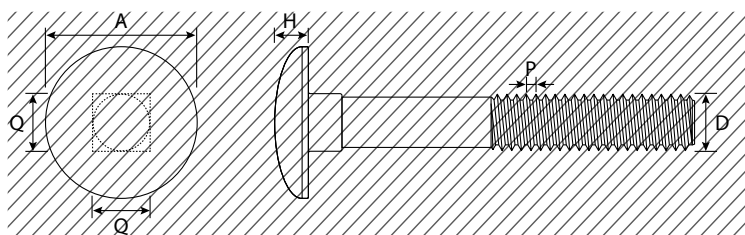
MORE INFO ON PAGE 14

DIN 603 • Uni 5732



### MACHINE SCREWS MUSHROOM HEAD SQUARE NECK LOW RESISTANCE

- Viti metriche testa tonda con quadro sottotesta bassa resistenza
- Gewinde Schrauben Flachrundkopf mit Vierkantansatz geringe Festigkeit
- Vis métaux tête ronde collet carré bas résistance
- Tornillos rosca métrica cabeza redonda cuello cuadrado baja resistencia
- Винты с метрической резьбой полукруглая головка с квадратным подголовником низкое сопротивление



Diameters Diametri	Limits Limiti	A	H	Q	D	P
M 5	Min.	12,45	2,20 *	4,52	4,52	~ 0,80
	Max.	13,55	3,00 *	5,48	5,00	
M 6	Min.	15,45	3,12	5,52	5,52	~ 1,00
	Max.	16,55	3,88	6,48	6,00	
M 8	Min.	19,35	4,12	7,42	7,42	~ 1,25
	Max.	20,65	4,88	8,58	8,00	
M 10	Min.	23,35	4,62	9,42	9,42	~ 1,50
	Max.	24,65	5,38	10,58	10,00	
M 12	Min.	29,35	6,05	11,30	11,30	~ 1,75
	Max.	30,65	6,95	12,70	12,00	

\* Head height diameter M5 not in according to international standard DIN  
Altezza testa diametro M5 non in accordo alla normativa internazionale DIN

### LOW RES.

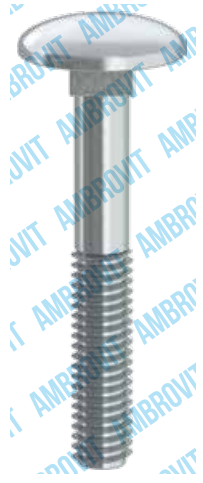
- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>
- **Threaded section: as per listing**  
(Ex 5x25/19 = thread 19)  
Parte filettata: come da listino  
(Es. 5x25/19 = filetto 19)

# 06030

## TTDQ

FINISHING		PACKAGING		
SIZES MISURE	TG 51			
	BLUE ZINC Cr3 ZINCATE Cr3 €/1.000			
<b>M 5 x 16</b>	48,00	4.000 (8)	2.000 (4)	500
<b>20</b>	46,00	2.000 (4)	1.000 (2)	500
<b>25/19</b>	51,00	2.000 (4)	1.000 (2)	500
<b>30/19</b>	54,00	3.000 (6)	1.000 (2)	500
<b>35/19</b>	60,00	1.600 (8)	800 (4)	200
<b>40/19</b>	64,00	1.600 (8)	800 (4)	200
<b>45/19</b>	67,00	1.200 (6)	400 (2)	200
<b>50/19</b>	74,00	1.200 (6)	400 (2)	200
<b>55/19</b>	80,00	1.200 (6)	400 (2)	200
<b>60/19</b>	86,00	800 (4)	400 (2)	200
<b>65/19</b>	90,00	800 (4)	400 (2)	200
<b>70/19</b>	93,00	800 (4)	400 (2)	200
<b>M 6 x 20</b>	65,00	2.000 (4)	1.000 (2)	500
<b>25</b>	70,00	2.000 (4)	1.000 (2)	500
<b>30/21</b>	74,00	2.000 (4)	1.000 (2)	500
<b>35/21</b>	80,00	1.600 (8)	800 (4)	200
<b>40/21</b>	86,00	800 (4)	400 (2)	200
<b>45/21</b>	93,00	800 (4)	400 (2)	200
<b>50/21</b>	97,00	800 (4)	400 (2)	200
<b>60/21</b>	113,00	800 (4)	400 (2)	200
<b>70/21</b>	127,00	800 (4)	400 (2)	200
<b>80/21</b>	140,00	800 (4)	400 (2)	200
<b>90/21</b>	159,00	400 (4)	200 (2)	100
<b>100/21</b>	175,00	400 (4)	200 (2)	100
<b>120/21</b>	214,00	400 (4)	200 (2)	100
<b>M 8 x 16</b>	128,00	1.200 (6)	400 (2)	200
<b>20</b>	125,00	1.200 (6)	400 (2)	200
<b>25</b>	133,00	800 (4)	400 (2)	200
<b>30</b>	140,00	800 (4)	400 (2)	200
<b>35/25</b>	151,00	800 (4)	400 (2)	200
<b>40/25</b>	158,00	800 (4)	400 (2)	200
<b>45/25</b>	167,00	800 (4)	400 (2)	200
<b>50/25</b>	178,00	800 (4)	400 (2)	200
<b>60/25</b>	202,00	800 (4)	400 (2)	200
<b>70/25</b>	216,00	800 (4)	400 (2)	200
<b>80/25</b>	236,00	800 (4)	400 (2)	200
<b>90/25</b>	275,00	400 (4)	200 (2)	100
<b>100/25</b>	292,00	400 (4)	200 (2)	100
<b>120/25</b>	330,00	400 (4)	200 (2)	100
<b>140/31</b>	373,00	200 (4)	100 (2)	50
<b>150/31</b>	413,00	200 (4)	100 (2)	50
<b>160/31</b>	432,00	200 (4)	100 (2)	50
<b>180/31</b>	508,00	200 (4)	100 (2)	50
<b>200/31</b>	566,00	200 (4)	100 (2)	50

FINISHING		PACKAGING		
SIZES MISURE	TG 51			
	BLUE ZINC Cr3 ZINCATE Cr3 €/1.000			
<b>M 10 x 20</b>	213,00	800 (4)	400 (2)	200
<b>25</b>	225,00	800 (4)	400 (2)	200
<b>30</b>	236,00	800 (4)	400 (2)	200
<b>35</b>	246,00	400 (4)	200 (2)	100
<b>40/29</b>	257,00	400 (4)	200 (2)	100
<b>45/29</b>	268,00	400 (4)	200 (2)	100
<b>50/29</b>	286,00	400 (4)	200 (2)	100
<b>60/29</b>	308,00	400 (4)	200 (2)	100
<b>70/29</b>	341,00	400 (4)	200 (2)	100
<b>80/29</b>	377,00	400 (4)	200 (2)	100
<b>90/29</b>	432,00	400 (4)	200 (2)	100
<b>100/29</b>	466,00	400 (4)	200 (2)	100
<b>110/29</b>	510,00	200 (4)	100 (2)	50
<b>120/29</b>	544,00	200 (4)	100 (2)	50
<b>130/35</b>	582,00	200 (4)	100 (2)	50
<b>140/35</b>	616,00	200 (4)	100 (2)	50
<b>150/35</b>	656,00	200 (4)	100 (2)	50
<b>160/35</b>	684,00	200 (4)	100 (2)	50
<b>170/35</b>	790,00	200 (4)	100 (2)	50
<b>180/35</b>	841,00	200 (4)	100 (2)	50
<b>200/35</b>	912,00	200 (4)	100 (2)	50
<b>220/46</b>	1.038,00	200 (4)	100 (2)	50
<b>240/46</b>	1.162,00	200 (4)	100 (2)	50
<b>250/46</b>	1.345,00	100 (4)	50 (2)	25
<b>260/46</b>	1.422,00	100 (4)	50 (2)	25
<b>280/46</b>	1.643,00	100 (4)	50 (2)	25
<b>300/46</b>	1.846,00	100 (4)	50 (2)	25
<b>12 x 35</b>	427,00	200 (2)	-	100
<b>50/33</b>	502,00	400 (4)	200 (2)	100
<b>70/33</b>	614,00	200 (4)	100 (2)	50
<b>110/33</b>	831,00	100 (2)	-	50
<b>120/33</b>	887,00	200 (4)	100 (2)	50
<b>130/39</b>	959,00	200 (4)	100 (2)	50
<b>150/39</b>	1.021,00	100 (2)	-	50
<b>160/39</b>	1.112,00	100 (4)	50 (2)	25
<b>170/39</b>	1.248,00	100 (4)	50 (2)	25
<b>220/52</b>	1.615,00	100 (4)	50 (2)	25
<b>240/52</b>	1.839,00	100 (4)	50 (2)	25
<b>250/52</b>	1.955,00	100 (4)	50 (2)	25
<b>260/52</b>	2.040,00	100 (4)	50 (2)	25
<b>280/52</b>	2.166,00	100 (4)	50 (2)	25
<b>300/52</b>	2.434,00	100 (4)	50 (2)	25



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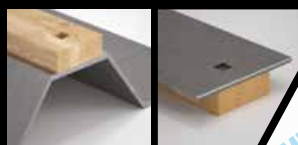
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRIANGULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 06031

## TTDQ + DADO



ALWAYS UP-TO-DATE WITH REGULATIONS



MORE INFO ON PAGE 14

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TG 58

HOT DIP GALVANIZED  
HDG ~ 40µm

TG 51

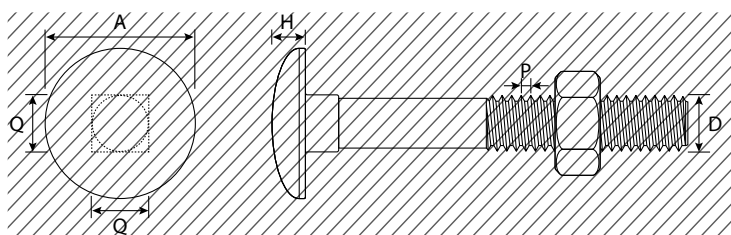
BASE  
Znc Cr3 3µm

24 hr

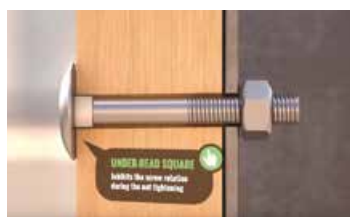


### MACHINE SCREWS MUSHROOM HEAD SQUARE NECK W/NUT LOW RESISTANCE

- Viti metriche testa tonda con quadro sottotesta e dado bassa resistenza
- Gewinde Schrauben Flachrundkopf mit Vierkantansatz und Mutter geringe Festigkeit
- Vis métaux tête ronde collet carré avec écrou bas résistance
- Tornillos rosca métrica cabeza redonda cuello cuadrado con tuercas baja resistencia
- Винты с метрической резьбой полукруглая головка с квадратным подголовником с гайкой низкое сопротивление



[ambrovit.it/video](https://ambrovit.it/video)  
**TUTORIAL**



**PLAY**  
**THE VIDEO**

Diameters Diametri	Limits Limiti	A	H	Q	D	P
M 5	Min.	12,45	2,20 *	4,52	4,52	~ 0,80
	Max.	13,55	3,00 *	5,48	5,00	
M 6	Min.	15,45	3,12	5,52	5,52	~ 1,00
	Max.	16,55	3,88	6,48	6,00	
M 8	Min.	19,35	4,12	7,42	7,42	~ 1,25
	Max.	20,65	4,88	8,58	8,00	
M 10	Min.	23,35	4,62	9,42	9,42	~ 1,50
	Max.	24,65	5,38	10,58	10,00	
M 12	Min.	29,35	6,05	11,30	11,30	~ 1,75
	Max.	30,65	6,95	12,70	12,00	






\* Head height diameter M5 not in according to international standard DIN  
Altezza testa diametro M5 non in accordo alla normativa internazionale DIN






### LOW RES.

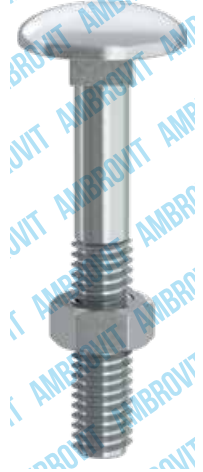
- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>
- **Threaded section: as per listing**  
(Ex 5x25/19 = thread 19)  
Parte filettata: come da listino  
(Es. 5x25/19 = filetto 19)

# 06031

## TTDQ + DADO

FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000				
<b>M 5 x 16</b>	52,00	3.000 (6)	1.000 (2)	500	
<b>20</b>	51,00	2.000 (4)	1.000 (2)	500	
<b>25/19</b>	56,00	2.000 (4)	1.000 (2)	500	
<b>30/19</b>	59,00	2.000 (4)	1.000 (2)	500	
<b>35/19</b>	66,00	1.600 (8)	800 (4)	200	
<b>40/19</b>	70,00	1.600 (8)	800 (4)	200	
<b>45/19</b>	74,00	1.200 (6)	400 (2)	200	
<b>50/19</b>	81,00	1.200 (6)	400 (2)	200	
<b>55/19</b>	86,00	1.200 (6)	400 (2)	200	
<b>60/19</b>	92,00	800 (4)	400 (2)	200	
<b>70/19</b>	100,00	800 (4)	400 (2)	200	
<b>M 6 x 16</b>	72,00	2.000 (4)	1.000 (2)	500	
<b>20</b>	71,00	2.000 (4)	1.000 (2)	500	
<b>25</b>	77,00	2.000 (4)	1.000 (2)	500	
<b>30/21</b>	81,00	2.000 (4)	1.000 (2)	500	
<b>35/21</b>	88,00	1.200 (6)	400 (2)	200	
<b>40/21</b>	94,00	1.200 (6)	400 (2)	200	
<b>45/21</b>	102,00	800 (4)	400 (2)	200	
<b>50/21</b>	107,00	800 (4)	400 (2)	200	
<b>55/21</b>	116,00	800 (4)	400 (2)	200	
<b>60/21</b>	122,00	800 (4)	400 (2)	200	
<b>65/21</b>	131,00	800 (4)	400 (2)	200	
<b>70/21</b>	137,00	800 (4)	400 (2)	200	
<b>80/21</b>	151,00	800 (4)	400 (2)	200	
<b>90/21</b>	171,00	400 (4)	200 (2)	100	
<b>100/21</b>	188,00	400 (4)	200 (2)	100	
<b>110/21</b>	210,00	400 (4)	200 (2)	100	
<b>120/21</b>	230,00	400 (4)	200 (2)	100	
<b>130/25</b>	260,00	400 (4)	200 (2)	100	
<b>140/25</b>	285,00	400 (4)	200 (2)	100	
<b>150/25</b>	310,00	400 (4)	200 (2)	100	

FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000				
<b>M 8 x 16</b>	141,00	800 (4)	400 (2)	200	
<b>20</b>	137,00	800 (4)	400 (2)	200	
<b>25</b>	146,00	800 (4)	400 (2)	200	
<b>30</b>	154,00	800 (4)	400 (2)	200	
<b>35/25</b>	166,00	800 (4)	400 (2)	200	
<b>40/25</b>	174,00	800 (4)	400 (2)	200	
<b>45/25</b>	184,00	800 (4)	400 (2)	200	
<b>50/25</b>	196,00	800 (4)	400 (2)	200	
<b>55/25</b>	210,00	400 (2)	-	200	
<b>60/25</b>	222,00	400 (2)	-	200	
<b>70/25</b>	237,00	400 (2)	-	200	
<b>80/25</b>	259,00	400 (2)	-	200	
<b>90/25</b>	293,00	400 (4)	200 (2)	100	
<b>100/25</b>	311,00	400 (4)	200 (2)	100	
<b>110/25</b>	333,00	200 (2)	-	100	
<b>120/25</b>	351,00	200 (2)	-	100	
<b>130/31</b>	371,00	200 (2)	-	100	
<b>140/31</b>	397,00	200 (4)	100 (2)	50	
<b>150/31</b>	435,00	200 (4)	100 (2)	50	
<b>160/31</b>	455,00	200 (4)	100 (2)	50	
<b>170/31</b>	494,00	200 (4)	100 (2)	50	
<b>180/31</b>	529,00	200 (4)	100 (2)	50	
<b>200/31</b>	590,00	200 (4)	100 (2)	50	
<b>220/42</b>	706,00	200 (4)	100 (2)	50	
<b>240/42</b>	792,00	200 (4)	100 (2)	50	
<b>250/42</b>	850,00	200 (4)	100 (2)	50	
<b>260/42</b>	929,00	200 (4)	100 (2)	50	
<b>280/42</b>	1.075,00	200 (4)	100 (2)	50	
<b>300/42</b>	1.136,00	200 (4)	100 (2)	50	



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRIANGULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS






BITS




# 06031




## TTDQ + DADO



### MACHINE SCREWS MUSHROOM HEAD SQUARE NECK W/NUT LOW RESISTANCE

-  Viti metriche testa tonda con quadro sottotesta e dado bassa resistenza
-  Gewinde Schrauben Flachrundkopf mit Vierkantansatz und Mutter geringe Festigkeit
-  Vis métaux tête ronde collet carré avec écrou bas résistance
-  Tornillos rosca métrica cabeza redonda cuello cuadrado con tuerca baja resistencia
-  Винты с метрической резьбой полукруглая головка с квадратным подголовником с гайкой низкое сопротивление

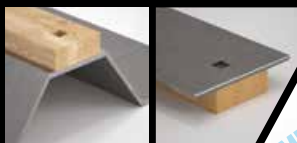
SIZES MISURE	FINISHING	PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
M 10 x 20	234,00	800 (4)	400 (2)	200
25	251,00	400 (2)	-	200
30	260,00	400 (2)	-	200
35	273,00	400 (4)	200 (2)	100
40/29	285,00	400 (4)	200 (2)	100
45/29	297,00	400 (4)	200 (2)	100
50/29	318,00	400 (4)	200 (2)	100
60/29	342,00	200 (2)	-	100
70/29	378,00	200 (2)	-	100
80/29	418,00	200 (2)	-	100
90/29	465,00	200 (2)	-	100
100/29	501,00	200 (2)	-	100
110/29	557,00	200 (4)	100 (2)	50
120/29	585,00	200 (4)	100 (2)	50
130/35	619,00	200 (4)	100 (2)	50
140/35	655,00	100 (2)	-	50
150/35	691,00	100 (2)	-	50
160/35	720,00	100 (2)	-	50
170/35	823,00	100 (2)	-	50
180/35	876,00	100 (2)	-	50
200/35	950,00	100 (2)	-	50
220/46	1.082,00	200 (4)	100 (2)	50
240/46	1.211,00	200 (4)	100 (2)	50
250/46	1.402,00	100 (4)	50 (2)	25
260/46	1.482,00	100 (4)	50 (2)	25
280/46	1.712,00	100 (4)	50 (2)	25
300/46	1.923,00	100 (4)	50 (2)	25

SIZES MISURE	FINISHING	PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
M 12 x 30	437,00	400 (4)	200 (2)	100
35	460,00	200 (2)	-	100
40	485,00	200 (2)	-	100
45/33	510,00	200 (2)	-	100
50/33	535,00	200 (2)	-	100
60/33	588,00	200 (2)	-	100
70/33	654,00	200 (4)	100 (2)	50
80/33	710,00	200 (4)	100 (2)	50
90/33	749,00	100 (2)	-	50
100/33	821,00	100 (2)	-	50
110/33	885,00	100 (2)	-	50
120/33	944,00	100 (2)	-	50
130/39	1.021,00	100 (2)	-	50
140/39	1.037,00	100 (2)	-	50
150/39	1.087,00	100 (2)	-	50
160/39	1.159,00	100 (4)	50 (2)	25
170/39	1.300,00	100 (4)	50 (2)	25
180/39	1.352,00	100 (4)	50 (2)	25
190/39	1.452,00	100 (4)	50 (2)	25
200/39	1.520,00	100 (4)	50 (2)	25
220/52	1.683,00	100 (4)	50 (2)	25
240/52	1.916,00	100 (4)	50 (2)	25
250/52	2.037,00	100 (4)	50 (2)	25
260/52	2.126,00	100 (4)	50 (2)	25
280/52	2.257,00	100 (4)	50 (2)	25
300/52	2.536,00	100 (4)	50 (2)	25



# 06031

## TTDQ + DADO



ALWAYS UP-TO-DATE WITH REGULATIONS



MORE INFO ON PAGE 14

DIN 603/555 • Uni 5732

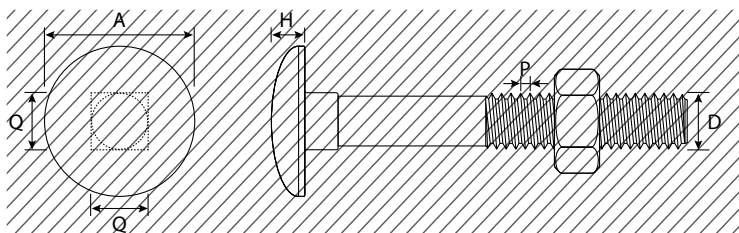


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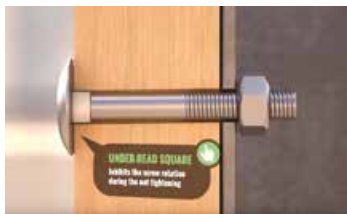
### MACHINE SCREWS MUSHROOM HEAD SQUARE NECK W/NUT LOW RESISTANCE

- Viti metriche testa tonda con quadro sottotesta e dado bassa resistenza
- Gewinde Schrauben Flachrundkopf mit Vierkantansatz und Mutter geringe Festigkeit
- Vis métaux tête ronde collet carré avec écrou bas résistance
- Tornillos rosca métrica cabeza redonda cuello cuadrado con tuerca baja resistencia
- Винты с метрической резьбой полукруглая головка с квадратным подголовником с гайкой низкое сопротивление



[ambrovit.it/video/tutorial/](https://www.ambrovit.it/video/tutorial/)

### TUTORIAL



Diameters Diametri	Limits Limiti	A	H	Q	D	P
M 8	Min.	19,35	4,12	7,42	7,42	~ 1,25
	Max	20,65	4,88	8,58	8,00	
M 10	Min.	23,35	4,62	9,42	9,42	~ 1,50
	Max	24,65	5,38	10,58	10,00	
M 12	Min.	29,35	6,05	11,30	11,30	~ 1,75
	Max	30,65	6,95	12,70	12,00	

## LOW RES.

- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>
- **Threaded section: as per listing**  
(Ex 8x40/25 = thread 25)  
Parte filettata: come da listino  
(Es. 8x40/25 = filetto 25)








## PLAY THE VIDEO




# 06031




## TTDQ + DADO



### MACHINE SCREWS MUSHROOM HEAD SQUARE NECK W/NUT LOW RESISTANCE

-  Viti metriche testa tonda con quadro sottotesta e dado bassa resistenza
-  Gewinde Schrauben Flachrundkopf mit Vierkantansatz und Mutter geringe Festigkeit
-  Vis métaux tête ronde collet carré avec écrou bas résistance
-  Tornillos rosca métrica cabeza redonda cuello cuadrado con tuerca baja resistencia
-  Винты с метрической резьбой полукруглая головка с квадратным подголовником с гайкой низкое сопротивление

SIZES MISURE	FINISHING	PACKAGING		
	TG 58 HOT DIP GALV. ZINCATE A CALDO €/ 1.000			
M 8 x 25	197,00	800 (4)	400 (2)	200
30	209,30	800 (4)	400 (2)	200
40/25	233,60	800 (4)	400 (2)	200
50/25	264,60	800 (4)	400 (2)	200
60/25	295,40	400 (2)	-	200
70/25	322,60	400 (2)	-	200
80/25	355,50	400 (2)	-	200
90/25	383,20	400 (4)	200 (2)	100
100/25	408,90	400 (4)	200 (2)	100
120/25	466,90	200 (2)	-	100
140/31	677,60	200 (4)	100 (2)	50
150/31	723,50	200 (4)	100 (2)	50
160/31	860,80	200 (4)	100 (2)	50
M 10 x 30	336,70	400 (2)	-	200
40/29	379,70	400 (4)	200 (2)	100
50/29	420,70	400 (4)	200 (2)	100
60/29	471,90	200 (2)	-	100
70/29	512,20	200 (2)	-	100
80/29	547,90	200 (2)	-	100
90/29	601,90	200 (2)	-	100
100/29	638,70	200 (2)	-	100
110/29	681,20	200 (4)	100 (2)	50
120/29	716,00	200 (4)	100 (2)	50
130/35	1.022,50	200 (4)	100 (2)	50
140/35	1.082,50	100 (2)	-	50
150/35	1.144,00	100 (2)	-	50
160/35	1.252,50	100 (2)	-	50
180/35	1.784,00	100 (2)	-	50
200/35	1.902,50	100 (2)	-	50

SIZES MISURE	FINISHING	PACKAGING		
	TG 58 HOT DIP GALV. ZINCATE A CALDO €/ 1.000			
M 12 x 50/33	670,80	200 (2)	-	100
60/33	734,00	200 (2)	-	100
70/33	799,90	200 (4)	100 (2)	50
80/33	860,50	200 (4)	100 (2)	50
90/33	925,30	100 (2)	-	50
100/33	987,80	100 (2)	-	50
120/33	1.114,00	100 (2)	-	50
140/39	1.594,00	100 (2)	-	50
150/39	1.676,00	100 (2)	-	50
160/39	1.762,00	100 (4)	50 (2)	25
180/39	1.929,00	100 (4)	50 (2)	25
200/39	2.424,00	100 (4)	50 (2)	25
220/52	2.602,00	100 (4)	50 (2)	25
240/52	2.782,00	100 (4)	50 (2)	25
260/52	3.232,00	100 (4)	50 (2)	25
280/52	3.431,00	100 (4)	50 (2)	25
300/52	3.645,00	100 (4)	50 (2)	25

# 09639

## TSP SM



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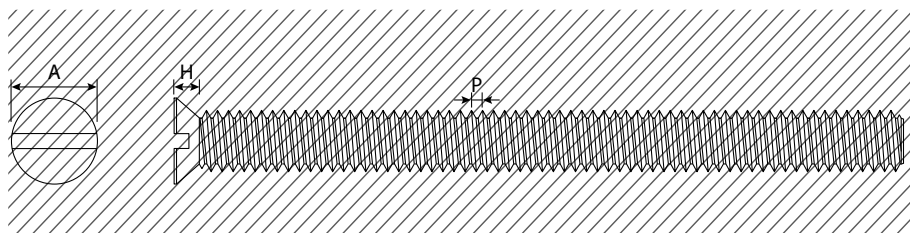
MORE INFO ON PAGE 14

~ DIN 963 • ~ Uni 6109 • ~ Iso 2009

**Small Head // Testa ridotta****TG 52** YELLOW  
Znc Cr3 3µm  
36 hr  
RoHS compliant

### MACHINE SCREWS SLOTTED SMALL FLAT HEAD





-  Viti metriche testa svasata piana ridotta a taglio
-  Gewinde Schrauben kleiner Senkkopf mit Schlitz
-  Vis métaux tête fraisée réduite fendue
-  Tornillos rosca métrica cabeza plana reducida con ranura
-  Винты с метрической резьбой прерывистая потайная уменьшенная головка прямой шлиц



Diameters Diametri	Limits Limiti	A	H	P
M 4	Min. Max	5,30 5,60	~ 1,65	~ 0,70

## CL. 4.8

- **Low tensile Steel**  
Acciaio a bassa resistenza
- **Class 4.8 steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

	FINISHING	PACKAGING		
SIZES MISURE				
	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 € / 1.000			
M 4 x 60	79,50	1.600 (8)	800 (4)	200

# 09641

## TGS BREAK-OFF

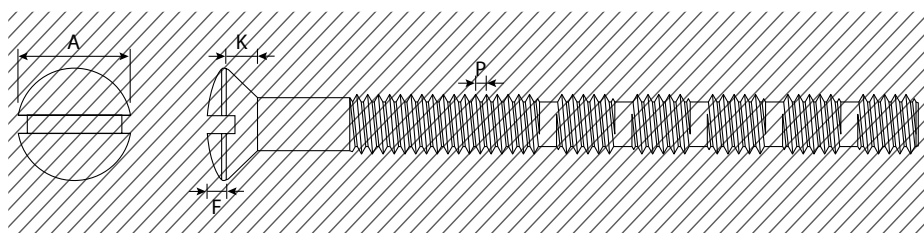


~ DIN 964 • ~ Uni 6110 • ~ Iso 2010



### MACHINE SCREWS SLOTTED RAISED OVAL HEAD BREAK-OFF

- Viti metriche testa goccia di sego a tagliare
- Gewinde Schrauben Linsenkopf mit Schlitz zum Abbrechen
- Vis métaux tête fraisée bombée fendue sécable
- Tornillos rosca métrica cabeza sebo con ranura multicorte
- Винты с метрической резьбой полупотайная головка и прерывистая резьба



Diameters Diametri	Limits Limiti	A	K	F	P
M 4	Min.	7,14	-	~ 1,00	~ 0,70
	Max	7,50	2,20		

Sizes Misure	Break-off Tagli			
M 4 x 60	35	40	45	55

## CL. 4.8

- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Class 4.8 Steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

SIZES MISURE	FINISHING		PACKAGING		
	TG 4 NICKEL PL. NICHELATE	TG 5 BRASS PL. OTTONATE			
M 4 x 60	90,00	100,00	1.600 (8)	800 (4)	200

# 91248

TC CEI



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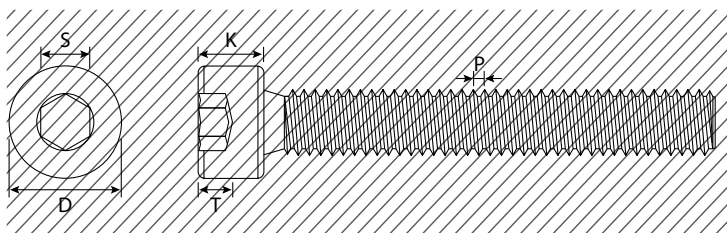


DIN 912 • Uni 5931 • Iso 4762



## MACHINE SCREWS HEXAGON SOCKET CYLINDER HEAD FULL THREAD

- Viti metriche testa cilindrica esagono incassato tutto filetto
- Gewinde Schrauben Zylinderkopf mit Innensechskant Vollgewinde
- Vis métaux tête cylindrique six pans creux filetage total
- Tornillos rosca métrica cabeza cilíndrica hexágono interior rosca total
- Винты с метрической резьбой цилиндрическая головка и внутренним шестигранником, полная резьба



Diameters Diametri	Limits Limiti	D	K	T	S	P
M 6	Min.	9,78	5,70	3,00	5,02	-1,00
	Max	10,22	6,00	-	5,14	

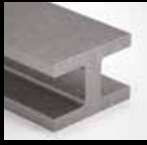
### CL. 4.8

- Low Tensile Steel**  
Acciaio a Bassa Resistenza
- Class 4.8 Steel**  
Acciaio Classe 4.8
- Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

SIZES MISURE	FINISHING		PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000				
M 6 x 10	43,35	4.000 (8)	2.000 (4)	500	
12	45,70	4.000 (8)	2.000 (4)	500	
16	51,45	3.000 (6)	1.000 (2)	500	
18	55,80	3.000 (6)	1.000 (2)	500	
20	59,50	3.000 (6)	1.000 (2)	500	
25	68,55	3.000 (6)	1.000 (2)	500	
30	73,60	2.000 (4)	1.000 (2)	500	
35	84,00	1.600 (8)	800 (4)	200	
40	92,75	1.600 (8)	800 (4)	200	

# 00840

TC



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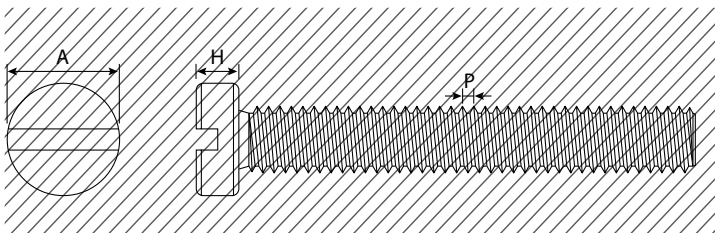
MORE INFO ON PAGE 14

DIN 84 • Uni 6107 • ~ Iso 1207



## MACHINE SCREWS SLOTTED CHEESE HEAD

- Viti metriche testa cilindrica a taglio
- Gewinde Schrauben Zylinderkopf mit Schlitz
- Vis métaux tête cylindrique fendue
- Tornillos rosca métrica cabeza cilíndrica con ranura
- Винты с метрической резьбой цилиндрическая головка, прямой шлиц











Diameters Diametri	Limits Limiti	A	H	P
M 3	Min.	5,32	1,86	~ 0,50
	Max	5,50	2,00	
M 4	Min.	6,78	2,46	~ 0,70
	Max	7,00	2,60	
M 5	Min.	8,28	3,12	~ 0,80
	Max	8,50	3,30	
M 6	Min.	9,78	3,60	~ 1,00
	Max	10,00	3,90	

## CL. 4.8

- Low Tensile Steel**  
Acciaio a Bassa Resistenza
- Class 4.8 Steel**  
Acciaio Classe 4.8
- Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

# 00840

## TC

SIZES MISURE	FINISHING				PACKAGING			
								
	TG 0 PLAIN GREZZE €/1.000	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000	TG 4 NICKEL PL. NICHELATE €/1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/1.0000				
<b>M 3 x 5</b>	9,25	10,30	11,00	12,88	24.000 (24)	4.000 (4)	1.000	30.000
<b>6</b>	8,30	9,25	10,30	11,93	24.000 (24)	4.000 (4)	1.000	30.000
<b>8</b>	8,30	9,50	10,60	12,35	24.000 (24)	4.000 (4)	1.000	25.000
<b>10</b>	8,30	9,55	10,85	12,67	24.000 (24)	4.000 (4)	1.000	24.000
<b>12</b>	8,90	10,45	11,65	13,52	12.000 (12)	4.000 (4)	1.000	20.000
<b>14</b>	9,55	11,25	12,75	14,79	12.000 (12)	4.000 (4)	1.000	18.000
<b>16</b>	10,60	12,45	13,70	16,17	12.000 (12)	4.000 (4)	1.000	18.000
<b>18</b>	12,15	14,10	15,65	18,13	12.000 (12)	4.000 (4)	1.000	16.000
<b>20</b>	13,40	15,65	17,20	20,03	12.000 (12)	4.000 (4)	1.000	15.000
<b>25</b>	14,95	17,20	19,40	22,53	8.000 (8)	4.000 (4)	1.000	12.000
<b>30</b>	18,90	22,00	24,20	28,36	6.000 (6)	2.000 (2)	1.000	10.000
<b>35</b>	25,70	29,20	31,70	36,89	6.000 (6)	2.000 (2)	1.000	10.000
<b>40</b>	28,50	32,65	35,15	41,13	4.000 (8)	2.000 (4)	500	8.000
<b>45</b>	38,15	42,05	45,60	53,27	4.000 (8)	2.000 (4)	500	6.000
<b>50</b>	44,65	48,95	53,10	61,85	3.000 (6)	1.000 (2)	500	5.000
<b>M 4 x 6</b>	12,45	14,30	16,90	19,72	12.000 (12)	4.000 (4)	1.000	13.000
<b>8</b>	12,15	14,45	16,75	19,56	12.000 (12)	4.000 (4)	1.000	12.500
<b>10</b>	12,15	14,60	17,10	19,88	12.000 (12)	4.000 (4)	1.000	10.000
<b>12</b>	12,45	15,25	17,55	20,56	12.000 (12)	4.000 (4)	1.000	10.000
<b>14</b>	13,65	16,75	19,10	22,31	8.000 (8)	4.000 (4)	1.000	10.000
<b>16</b>	14,60	18,10	20,75	24,12	8.000 (8)	4.000 (4)	1.000	9.000
<b>18</b>	15,80	19,25	22,35	26,08	8.000 (8)	4.000 (4)	1.000	8.000
<b>20</b>	16,90	20,75	23,70	27,61	6.000 (6)	2.000 (2)	1.000	8.000
<b>25</b>	19,55	24,20	27,70	32,12	6.000 (12)	2.000 (4)	500	7.000
<b>30</b>	23,05	28,20	32,20	37,58	4.000 (8)	2.000 (4)	500	6.000
<b>35</b>	27,40	33,20	37,60	43,94	3.000 (6)	1.000 (2)	500	5.000
<b>40</b>	30,00	36,65	41,75	48,92	3.000 (6)	1.000 (2)	500	5.000
<b>45</b>	35,85	42,70	48,95	56,98	3.000 (6)	1.000 (2)	500	4.000
<b>50</b>	44,80	52,95	59,00	68,90	2.000 (4)	1.000 (2)	500	4.000
<b>60</b>	60,85	70,75	78,25	91,27	1.600 (8)	800 (4)	200	3.000

Nickel plated available on minimum quantities to be agreed upon if not currently available in stock.  
Finitura Nichelata su quantitativo minimo da concordarsi in mancanza di disponibilità a magazzino.



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRIANGULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS






BITS









00840

TC



## MACHINE SCREWS SLOTTED CHEESE HEAD

-  Viti metriche testa cilindrica a taglio
-  Gewinde Schrauben Zylinderkopf mit Schlitz
-  Vis métaux tête cylindrique fendue
-  Tornillos rosca métrica cabeza cilíndrica con ranura
-  Винты с метрической резьбой цилиндрическая головка, прямой шлиц

SIZES MISURE	FINISHING				PACKAGING			
								
	€/ 1.000	€/ 1.000	€/ 1.000	€/ 1.000				
<b>M 5 x 6</b>	26,90	29,55	33,30	38,85	8.000 (8)	4.000 (4)	1.000	8.000
<b>8</b>	19,95	23,25	27,05	31,64	8.000 (8)	4.000 (4)	1.000	7.000
<b>10</b>	19,95	23,55	27,85	32,49	6.000 (6)	2.000 (2)	1.000	6.000
<b>12</b>	20,45	24,60	29,05	33,76	6.000 (12)	2.000 (4)	500	6.000
<b>14</b>	21,55	25,20	31,05	36,20	6.000 (12)	2.000 (4)	500	5.000
<b>16</b>	22,75	27,70	33,05	38,53	6.000 (12)	2.000 (4)	500	5.000
<b>18</b>	23,70	28,05	34,65	40,44	4.000 (8)	2.000 (4)	500	5.000
<b>20</b>	24,75	30,50	36,35	42,40	4.000 (8)	2.000 (4)	500	4.500
<b>25</b>	27,85	34,00	41,45	48,34	3.000 (6)	1.000 (2)	500	4.000
<b>30</b>	32,65	40,00	48,10	56,13	2.400 (12)	800 (4)	200	3.500
<b>35</b>	36,65	48,10	54,20	63,07	2.400 (12)	800 (4)	200	3.000
<b>40</b>	41,30	50,95	60,70	70,60	1.600 (8)	800 (4)	200	3.000
<b>45</b>	47,45	57,50	68,85	80,14	1.600 (8)	800 (4)	200	2.500
<b>50</b>	56,40	67,60	80,00	93,55	1.600 (8)	800 (4)	200	2.500
<b>60</b>	74,60	87,65	102,30	119,25	1.200 (6)	400 (2)	200	1.600
<b>70</b>	105,60	121,70	137,95	160,80	800 (4)	400 (2)	200	1.500
<b>80</b>	113,15	131,80	149,50	174,48	800 (4)	400 (2)	200	1.200
<b>M 6 x 8</b>	34,15	39,30	45,30	52,74	6.000 (12)	2.000 (4)	500	4.000
<b>10</b>	31,05	36,80	43,10	50,46	6.000 (12)	2.000 (4)	500	4.000
<b>12</b>	31,55	37,60	44,80	52,21	4.000 (8)	2.000 (4)	500	3.500
<b>14</b>	33,05	39,85	47,10	55,01	4.000 (8)	2.000 (4)	500	3.500
<b>16</b>	34,45	41,75	49,75	57,98	4.000 (8)	2.000 (4)	500	3.000
<b>18</b>	35,30	42,95	51,60	60,10	4.000 (8)	2.000 (4)	500	3.000
<b>20</b>	38,50	46,55	55,90	65,19	3.000 (6)	1.000 (2)	500	3.000
<b>25</b>	42,00	51,40	62,20	72,45	2.400 (12)	800 (4)	200	2.500
<b>30</b>	46,80	57,50	69,65	81,20	1.600 (8)	800 (4)	200	2.400
<b>35</b>	52,40	64,50	78,10	91,00	1.600 (8)	800 (4)	200	2.000
<b>40</b>	57,25	70,60	85,55	99,80	1.600 (8)	800 (4)	200	2.000
<b>45</b>	65,15	79,95	96,30	112,52	1.200 (6)	400 (2)	200	1.600
<b>50</b>	76,25	92,40	110,45	128,74	1.200 (6)	400 (2)	200	1.500
<b>60</b>	95,85	114,70	135,95	158,47	800 (4)	400 (2)	200	1.200
<b>70</b>	122,70	146,05	174,60	203,68	800 (4)	400 (2)	200	1.000
<b>80</b>	135,60	167,05	200,80	234,10	800 (4)	400 (2)	200	1.000

Nickel plated available on minimum quantities to be agreed upon if not currently available in stock.

Finitura Nichelata su quantitativo minimo da concordarsi in mancanza di disponibilità a magazzino.



# 09630

TSP



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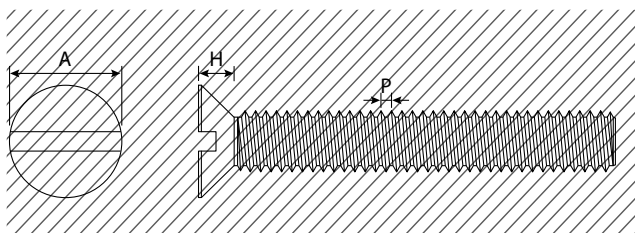
MORE INFO ON PAGE 14

~ DIN 963 • Uni 6109 • ~ Iso 2009



## MACHINE SCREWS SLOTTED FLAT HEAD

- Viti metriche testa svasata piana a taglio
- Gewinde Schrauben Senkkopf mit Schlitz
- Vis métaux tête fraisée fendue
- Tornillos rosca métrica cabeza plana con ranura
- Винты с метрической резьбой потайная головка, прямой шлиц



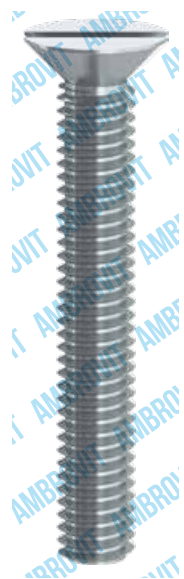
Diameters Diametri	Limits Limiti	A	H	P
M 3	Min.	5,30	-	~ 0,50
	Max	5,60	1,65	
M 4	Min.	7,14	-	~ 0,70
	Max	7,50	2,20	
M 5	Min.	8,84	-	~ 0,80
	Max	9,20	2,50	
M 6	Min.	10,57	-	~ 1,00
	Max	11,00	3,00	

## CL. 4.8






- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Class 4.8 Steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

09630

TSP



## MACHINE SCREWS SLOTTED FLAT HEAD

-  Viti metriche testa svasata piana a taglio
-  Gewinde Schrauben Senkkopf mit Schlitz
-  Vis métaux tête fraisée fendue
-  Tornillos rosca métrica cabeza plana con ranura
-  Винты с метрической резьбой потайная головка, прямой шлиц

SIZES MISURE	FINISHING				PACKAGING			
								
	€/1.000	€/1.000	€/1.000	€/1.000				
<b>M 3 x 6</b>	8,85	9,50	10,15	11,77	24.000 (24)	4.000 (4)	1.000	50.000
<b>8</b>	8,60	9,50	10,30	11,93	24.000 (24)	4.000 (4)	1.000	40.000
<b>10</b>	8,30	9,25	10,30	11,93	24.000 (24)	4.000 (4)	1.000	35.000
<b>12</b>	8,90	9,95	11,00	12,88	24.000 (24)	4.000 (4)	1.000	30.000
<b>14</b>	9,25	10,45	11,80	13,73	12.000 (12)	4.000 (4)	1.000	25.000
<b>16</b>	9,50	10,85	12,15	14,05	12.000 (12)	4.000 (4)	1.000	24.000
<b>18</b>	10,85	12,45	13,70	16,17	12.000 (12)	4.000 (4)	1.000	20.000
<b>20</b>	12,30	13,70	15,40	17,91	12.000 (12)	4.000 (4)	1.000	20.000
<b>25</b>	14,30	16,45	18,60	21,68	12.000 (12)	4.000 (4)	1.000	16.000
<b>30</b>	17,10	19,55	21,70	25,49	8.000 (8)	4.000 (4)	1.000	13.000
<b>35</b>	24,90	27,70	30,50	35,46	6.000 (6)	2.000 (2)	1.000	10.000
<b>40</b>	28,05	31,05	34,35	39,86	6.000 (12)	2.000 (4)	500	10.000
<b>45</b>	44,00	47,45	50,95	59,41	4.000 (8)	2.000 (4)	500	6.000
<b>50</b>	48,55	52,55	56,20	65,61	3.000 (6)	1.000 (2)	500	6.000
<b>M 4 x 8</b>	11,00	12,45	13,70	16,17	12.000 (12)	4.000 (4)	1.000	24.000
<b>10</b>	10,45	12,30	13,65	15,85	12.000 (12)	4.000 (4)	1.000	20.000
<b>12</b>	10,60	12,60	14,45	16,91	12.000 (12)	4.000 (4)	1.000	16.000
<b>14</b>	11,50	13,70	16,10	18,87	12.000 (12)	4.000 (4)	1.000	14.000
<b>16</b>	12,30	14,95	17,20	20,03	12.000 (12)	4.000 (4)	1.000	12.000
<b>18</b>	13,40	16,10	18,75	21,84	8.000 (8)	4.000 (4)	1.000	11.000
<b>20</b>	14,30	17,40	19,95	23,27	8.000 (8)	4.000 (4)	1.000	10.000
<b>25</b>	16,90	20,60	23,70	27,61	6.000 (12)	2.000 (4)	500	8.000
<b>30</b>	21,05	25,20	29,20	34,13	4.000 (8)	2.000 (4)	500	7.000
<b>35</b>	25,40	30,30	34,80	40,60	4.000 (8)	2.000 (4)	500	6.000
<b>40</b>	29,55	35,15	40,15	46,80	3.000 (6)	1.000 (2)	500	6.000
<b>45</b>	35,70	41,75	47,75	55,70	3.000 (6)	1.000 (2)	500	5.000
<b>50</b>	39,15	45,90	52,05	60,79	2.000 (4)	1.000 (2)	500	4.000
<b>60</b>	59,65	67,60	75,45	87,87	1.600 (8)	800 (4)	200	3.000









Nickel plated available on minimum quantities to be agreed upon if not currently available in stock.

Finitura Nichelata su quantitativo minimo da concordarsi in mancanza di disponibilità a magazzino.

# 09630

## TSP



SIZES MISURE	FINISHING				PACKAGING			
								
	€/1.000	€/1.000	€/1.000	€/1.000				
<b>M 5 x 8</b>	21,95	24,60	26,75	31,11	12.000 (12)	4.000 (4)	1.000	13.000
<b>10</b>	17,85	21,05	23,40	27,24	12.000 (12)	4.000 (4)	1.000	10.000
<b>12</b>	17,85	21,35	24,05	28,09	6.000 (12)	2.000 (4)	500	10.000
<b>14</b>	18,75	22,75	26,05	30,21	6.000 (12)	2.000 (4)	500	8.000
<b>16</b>	19,55	24,20	27,55	32,01	6.000 (12)	2.000 (4)	500	8.000
<b>18</b>	20,75	25,40	29,05	33,76	6.000 (12)	2.000 (4)	500	7.000
<b>20</b>	21,95	26,75	31,20	36,41	6.000 (12)	2.000 (4)	500	6.000
<b>25</b>	23,55	30,00	34,80	40,60	4.000 (8)	2.000 (4)	500	5.000
<b>30</b>	29,05	36,50	42,45	49,34	2.400 (12)	800 (4)	200	4.000
<b>35</b>	34,45	42,70	49,60	57,77	2.400 (12)	800 (4)	200	4.000
<b>40</b>	36,80	46,20	54,20	63,07	2.400 (12)	800 (4)	200	3.000
<b>45</b>	44,00	54,40	63,45	73,99	1.600 (8)	800 (4)	200	3.000
<b>50</b>	53,75	64,85	74,75	87,19	1.600 (8)	800 (4)	200	2.500
<b>60</b>	70,30	83,85	95,65	111,57	1.200 (6)	400 (2)	200	2.400
<b>70</b>	104,80	120,80	137,95	160,80	1.200 (6)	400 (2)	200	1.800
<b>80</b>	113,15	131,80	149,50	174,48	800 (4)	400 (2)	200	1.500
<b>M 6 x 10</b>	26,35	30,90	34,65	40,44	6.000 (12)	2.000 (4)	500	8.000
<b>12</b>	26,90	31,85	36,15	42,24	6.000 (12)	2.000 (4)	500	6.000
<b>14</b>	28,20	33,75	38,95	45,53	6.000 (12)	2.000 (4)	500	6.000
<b>16</b>	29,55	35,85	41,30	48,18	4.000 (8)	2.000 (4)	500	5.000
<b>18</b>	30,65	37,60	43,45	50,62	4.000 (8)	2.000 (4)	500	5.000
<b>20</b>	31,85	39,60	44,80	52,21	4.000 (8)	2.000 (4)	500	4.500
<b>25</b>	35,45	44,65	52,05	60,79	2.400 (12)	800 (4)	200	3.500
<b>30</b>	39,60	49,90	58,65	68,58	2.400 (12)	800 (4)	200	3.000
<b>35</b>	46,80	59,00	69,00	80,35	1.600 (8)	800 (4)	200	2.500
<b>40</b>	52,25	65,65	77,15	89,84	1.600 (8)	800 (4)	200	2.500
<b>45</b>	63,15	77,95	90,65	105,79	1.600 (8)	800 (4)	200	2.000
<b>50</b>	73,15	89,85	103,60	120,73	1.200 (6)	400 (2)	200	2.000
<b>60</b>	86,75	106,30	122,85	143,42	800 (4)	400 (2)	200	1.600
<b>70</b>	112,85	135,80	161,80	188,57	800 (4)	400 (2)	200	1.200
<b>80</b>	135,60	167,05	200,80	234,10	800 (4)	400 (2)	200	1.000

Nickel plated available on minimum quantities to be agreed upon if not currently available in stock.  
Finitura Nichelata su quantitativo minimo da concordarsi in mancanza di disponibilità a magazzino.

# 09650

## TSP PH



ALWAYS UP-TO-DATE WITH REGULATIONS

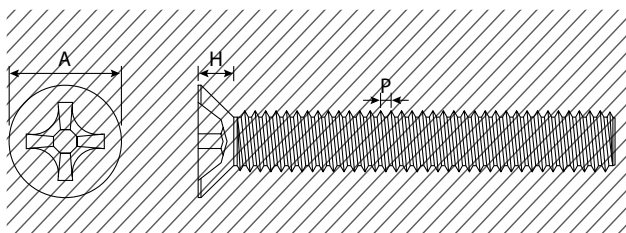


DIN 965 • Uni 7688 • ~ Iso 7046



### MACHINE SCREWS PH FLAT HEAD

- Viti metriche testa svasata piana PH
- Gewinde Schrauben Senkkopf PH-Antrieb
- Vis métaux tête fraisée PH
- Tornillos rosca métrica cabeza plana PH
- Винты с метрической резьбой потайная головка PH



Diameters Diametri	Limits Limiti	A	H	P	PH
M 2	Min.	3,50	-	~ 0,40	1
	Max	3,80	1,20		
M 2,5	Min.	4,40	-	~ 0,45	1
	Max	4,70	1,50		
M 3	Min.	5,30	-	~ 0,50	1
	Max	5,60	1,65		
M 4	Min.	7,14	-	~ 0,70	2
	Max	7,50	2,20		

Diameters Diametri	Limits Limiti	A	H	P	PH
M 5	Min.	8,84	-	~ 0,80	2
	Max	9,20	2,50		
M 6	Min.	10,57	-	~ 1,00	3
	Max	11,00	3,00		
M 8	Min.	14,07	-	~ 1,25	4
	Max	14,50	4,00		
M 10	Min.	17,57	-	~ 1,50	4
	Max	18,00	5,00		





## CL. 4.8

- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Class 4.8 Steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

# 09650

## TSP PH



SIZES MISURE	FINISHING				PACKAGING			
	TG 0 PLAIN GREZZE €/1.000	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000	TG 4 NICKEL PL. NICHELATE €/1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/1.000				
<b>M 2 x 8</b>	13,20	14,30	17,90	20,75	48.000 (24)	8.000 (4)	2.000	80.000
<b>10</b>	13,55	14,70	18,40	21,35	48.000 (24)	8.000 (4)	2.000	70.000
<b>12</b>	13,80	15,00	18,75	21,75	48.000 (24)	8.000 (4)	2.000	60.000
<b>16</b>	14,45	15,70	19,65	22,80	24.000 (12)	8.000 (4)	2.000	50.000
<b>M 2,5 x 5</b>	13,35	14,50	18,15	21,05	48.000 (24)	8.000 (4)	2.000	75.000
<b>6</b>	13,65	14,80	18,50	21,50	48.000 (24)	8.000 (4)	2.000	70.000
<b>8</b>	14,30	15,50	19,40	22,50	48.000 (24)	8.000 (4)	2.000	50.000
<b>10</b>	14,75	16,00	20,00	23,20	48.000 (24)	8.000 (4)	2.000	40.000
<b>12</b>	15,75	17,10	21,40	24,80	24.000 (12)	8.000 (4)	2.000	40.000
<b>14</b>	16,95	18,40	23,00	26,70	24.000 (12)	8.000 (4)	2.000	35.000
<b>16</b>	18,05	19,60	24,50	28,45	24.000 (12)	8.000 (4)	2.000	30.000
<b>18</b>	18,90	20,50	25,65	29,75	24.000 (12)	8.000 (4)	2.000	30.000
<b>20</b>	19,80	21,50	26,90	31,20	24.000 (12)	8.000 (4)	2.000	25.000
<b>M 3 x 5</b>	12,70	13,80	17,25	20,05	24.000 (24)	4.000 (4)	1.000	50.000
<b>6</b>	8,00	8,70	10,90	12,65	24.000 (24)	4.000 (4)	1.000	50.000
<b>8</b>	7,65	8,30	10,00	11,25	24.000 (24)	4.000 (4)	1.000	40.000
<b>10</b>	8,10	8,80	10,60	11,90	24.000 (24)	4.000 (4)	1.000	35.000
<b>12</b>	8,60	9,30	11,20	12,60	24.000 (24)	4.000 (4)	1.000	30.000
<b>14</b>	9,05	9,80	11,80	13,25	12.000 (12)	4.000 (4)	1.000	25.000
<b>16</b>	9,75	10,60	12,75	14,35	12.000 (12)	4.000 (4)	1.000	24.000
<b>18</b>	10,50	11,40	13,70	15,40	12.000 (12)	4.000 (4)	1.000	20.000
<b>20</b>	10,85	11,75	14,10	15,90	12.000 (12)	4.000 (4)	1.000	20.000
<b>25</b>	13,00	14,10	16,95	19,05	12.000 (12)	4.000 (4)	1.000	16.000
<b>30</b>	15,00	16,30	19,60	22,05	8.000 (8)	4.000 (4)	1.000	13.000
<b>35</b>	17,15	18,60	22,35	25,15	6.000 (6)	2.000 (2)	1.000	10.000
<b>40</b>	19,80	21,50	25,80	29,05	6.000 (12)	2.000 (4)	500	10.000
<b>45</b>	22,40	24,30	29,20	32,85	4.000 (8)	2.000 (4)	500	6.000
<b>50</b>	26,25	28,50	34,20	38,50	3.000 (6)	1.000 (2)	500	6.000
<b>M 4 x 5</b>	16,10	17,50	21,90	25,40	24.000 (24)	4.000 (4)	1.000	30.000
<b>6</b>	14,65	15,90	19,90	23,10	24.000 (24)	4.000 (4)	1.000	28.000
<b>8</b>	9,25	10,05	12,10	13,60	12.000 (12)	4.000 (4)	1.000	24.000
<b>10</b>	10,00	10,85	13,05	14,65	12.000 (12)	4.000 (4)	1.000	20.000
<b>12</b>	10,90	11,80	14,20	15,95	12.000 (12)	4.000 (4)	1.000	16.000
<b>14</b>	11,80	12,80	15,40	17,30	12.000 (12)	4.000 (4)	1.000	14.000
<b>16</b>	12,45	13,50	16,20	18,25	12.000 (12)	4.000 (4)	1.000	12.000
<b>18</b>	13,70	14,85	17,85	20,05	8.000 (8)	4.000 (4)	1.000	11.000
<b>20</b>	14,30	15,50	18,60	20,95	8.000 (8)	4.000 (4)	1.000	10.000
<b>22</b>	16,20	17,60	21,15	23,80	6.000 (12)	2.000 (4)	500	10.000
<b>25</b>	17,70	19,20	23,05	25,95	6.000 (12)	2.000 (4)	500	8.000
<b>30</b>	20,45	22,20	26,65	30,00	4.000 (8)	2.000 (4)	500	7.000
<b>35</b>	22,95	24,90	29,90	33,65	4.000 (8)	2.000 (4)	500	6.000
<b>40</b>	26,15	28,40	34,10	38,35	3.000 (6)	1.000 (2)	500	6.000
<b>45</b>	29,30	31,80	38,20	42,95	3.000 (6)	1.000 (2)	500	5.000
<b>50</b>	33,30	36,20	43,45	48,90	2.000 (4)	1.000 (2)	500	4.000
<b>60</b>	41,15	44,70	53,65	60,35	1.600 (8)	800 (4)	200	3.000






Nickel plated available on minimum quantities to be agreed upon if not currently available in stock.  
Finitura Nichelata su quantitativo minimo da concordarsi in mancanza di disponibilità a magazzino.









09650

TSP PH



## MACHINE SCREWS PH FLAT HEAD

-  Viti metriche testa svasata piana PH
-  Gewinde Schrauben Senkkopf PH-Antrieb
-  Vis métaux tête fraisée PH
-  Tornillos rosca métrica cabeza plana PH
-  Винты с метрической резьбой потайная головка PH









SIZES MISURE	FINISHING				PACKAGING			
								
	TG 0 PLAIN GREZZE	TG 51 BLUE ZINC Cr3 ZINCATE Cr3	TG 4 NICKEL PL. NICHELATE	TG 57 BLACK ZINC Cr3 ZINC. NERE Cr3	€ / 1.000	€ / 1.000	€ / 1.000	€ / 1.000
<b>M 5 x 5</b>	25,25	27,40	34,25	39,75	12.000 (12)	4.000 (4)	1.000	16.000
<b>6</b>	23,00	25,00	31,25	36,25	12.000 (12)	4.000 (4)	1.000	16.000
<b>8</b>	13,75	14,90	17,90	20,15	12.000 (12)	4.000 (4)	1.000	13.000
<b>10</b>	14,35	15,60	18,75	21,10	12.000 (12)	4.000 (4)	1.000	10.000
<b>12</b>	16,75	18,20	21,85	24,60	6.000 (12)	2.000 (4)	500	10.000
<b>14</b>	17,95	19,50	23,40	26,35	6.000 (12)	2.000 (4)	500	8.000
<b>16</b>	19,35	21,00	25,20	28,35	6.000 (12)	2.000 (4)	500	8.000
<b>18</b>	20,55	22,30	26,80	30,15	6.000 (12)	2.000 (4)	500	7.000
<b>20</b>	21,80	23,70	28,45	32,00	6.000 (12)	2.000 (4)	500	6.000
<b>25</b>	26,25	28,50	34,20	38,50	4.000 (8)	2.000 (4)	500	5.000
<b>30</b>	32,60	35,40	42,50	47,80	2.400 (12)	800 (4)	200	4.000
<b>35</b>	36,25	39,40	47,30	53,20	2.400 (12)	800 (4)	200	4.000
<b>40</b>	40,40	43,90	52,70	59,30	2.400 (12)	800 (4)	200	3.000
<b>45</b>	45,75	49,70	59,65	67,10	1.600 (8)	800 (4)	200	3.000
<b>50</b>	50,60	55,00	66,00	74,25	1.600 (8)	800 (4)	200	2.500
<b>60</b>	62,60	68,00	81,60	91,80	1.200 (6)	400 (2)	200	2.400
<b>70</b>	74,55	81,00	97,20	109,35	1.200 (6)	400 (2)	200	1.800
<b>80</b>	94,80	103,00	123,60	139,05	800 (4)	400 (2)	200	1.500
<b>M 6 x 6</b>	40,50	44,00	55,00	63,80	6.000 (12)	2.000 (4)	500	10.000
<b>8</b>	35,00	38,00	47,50	55,10	6.000 (12)	2.000 (4)	500	9.000
<b>10</b>	21,65	23,50	28,20	31,75	6.000 (12)	2.000 (4)	500	8.000
<b>12</b>	23,10	25,10	30,15	33,90	6.000 (12)	2.000 (4)	500	6.000
<b>14</b>	25,45	27,65	33,20	37,35	6.000 (12)	2.000 (4)	500	6.000
<b>16</b>	27,20	29,55	35,50	39,90	4.000 (8)	2.000 (4)	500	5.000
<b>18</b>	29,70	32,25	38,70	43,55	4.000 (8)	2.000 (4)	500	5.000
<b>20</b>	31,40	34,10	40,95	46,05	4.000 (8)	2.000 (4)	500	4.500
<b>25</b>	37,75	41,00	49,20	55,35	2.400 (12)	800 (4)	200	3.500
<b>30</b>	42,80	46,50	55,80	62,80	2.400 (12)	800 (4)	200	3.000
<b>35</b>	53,30	57,90	69,50	78,20	1.600 (8)	800 (4)	200	2.500
<b>40</b>	54,75	59,50	71,40	80,35	1.600 (8)	800 (4)	200	2.500
<b>45</b>	60,30	65,50	78,60	88,45	1.600 (8)	800 (4)	200	2.000
<b>50</b>	67,65	73,50	88,20	99,25	1.200 (6)	400 (2)	200	2.000
<b>60</b>	84,60	91,95	110,35	124,15	800 (4)	400 (2)	200	1.600
<b>70</b>	96,60	105,00	126,00	141,75	800 (4)	400 (2)	200	1.200
<b>80</b>	117,80	128,00	153,60	172,80	800 (4)	400 (2)	200	1.000
<b>NEW 100</b>	-	170,00	-	-	800 (4)	400 (2)	200	1.000

Nickel plated available on minimum quantities to be agreed upon if not currently available in stock.  
Finitura Nichelata su quantitativo minimo da concordarsi in mancanza di disponibilità a magazzino.

# 09650

## TSP PH



SIZES MISURE	FINISHING				PACKAGING			
								
	€ / 1.000	€ / 1.000	€ / 1.000	€ / 1.000				
<b>M 8 x 12</b>	-	50,30	-	-	4.000 (8)	2.000 (4)	500	3.500
<b>14</b>	-	56,75	-	-	3.000 (6)	1.000 (2)	500	3.000
<b>16</b>	-	59,65	-	-	3.000 (6)	1.000 (2)	500	3.000
<b>18</b>	-	63,90	-	-	2.000 (4)	1.000 (2)	500	2.500
<b>20</b>	-	68,55	-	-	2.000 (4)	1.000 (2)	500	2.500
<b>25</b>	-	81,60	-	-	1.600 (8)	800 (4)	200	2.000
<b>30</b>	-	91,80	-	-	1.600 (8)	800 (4)	200	1.800
<b>35</b>	-	106,55	-	-	1.200 (6)	400 (2)	200	1.500
<b>40</b>	-	123,60	-	-	800 (8)	400 (4)	100	1.300
<b>45</b>	-	133,70	-	-	800 (8)	400 (4)	100	1.200
<b>50</b>	-	143,95	-	-	800 (8)	400 (4)	100	1.000
<b>60</b>	-	165,30	-	-	800 (8)	400 (4)	100	800
<b>70</b>	-	191,75	-	-	600 (6)	200 (2)	100	800
<b>80</b>	-	214,15	-	-	600 (6)	200 (2)	100	700
<b>90</b>	-	248,00	-	-	600 (6)	200 (2)	100	600
<b>100</b>	-	287,40	-	-	600 (6)	200 (2)	100	500
<b>NEW</b> <b>M 10 x 20</b>	-	130,00	-	-	1.200 (12)	400 (4)	100	1.300
<b>NEW</b> <b>25</b>	-	155,00	-	-	800 (8)	400 (4)	100	1.200
<b>NEW</b> <b>30</b>	-	175,00	-	-	800 (8)	400 (4)	100	1.000
<b>NEW</b> <b>35</b>	-	210,00	-	-	800 (8)	400 (4)	100	900
<b>NEW</b> <b>40</b>	-	225,00	-	-	600 (6)	200 (2)	100	800
<b>NEW</b> <b>45</b>	-	240,00	-	-	600 (6)	200 (2)	100	700
<b>NEW</b> <b>50</b>	-	265,00	-	-	600 (6)	200 (2)	100	600
<b>NEW</b> <b>60</b>	-	330,00	-	-	400 (8)	200 (4)	50	500
<b>NEW</b> <b>70</b>	-	345,00	-	-	400 (8)	200 (4)	50	500
<b>NEW</b> <b>80</b>	-	405,00	-	-	300 (6)	100 (2)	50	400

**Nickel plated available on minimum quantities to be agreed upon if not currently available in stock.**  
Finitura Nichelata su quantitativo minimo da concordarsi in mancanza di disponibilità a magazzino.

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 79850

## TCL PH



ALWAYS UP-TO-DATE WITH REGULATIONS



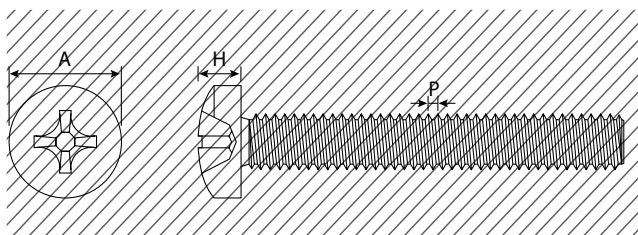
MORE INFO ON PAGE 14

DIN 7985 • Uni 7687 • ~ Iso 7045



### MACHINE SCREWS PH PAN HEAD

- Viti metriche testa cilindrica PH
- Gewinde Schrauben Linsenkopf PH-Antrieb
- Vis métaux tête cylindrique PH
- Tornillos rosca métrica cabeza redonda PH
- Винты с метрической резьбой полусферическая головка PH



Diameters Diametri	Limits Limiti	A	H	P	PH
<b>M 2</b>	Min.	3,70	1,48	~ 0,40	1
	Max	4,00	1,72		
<b>M 2,5</b>	Min.	4,70	1,88	~ 0,45	1
	Max	5,00	2,12		
<b>M 3</b>	Min.	5,70	2,28	~ 0,50	1
	Max	6,00	2,52		
<b>M 4</b>	Min.	7,64	2,95	~ 0,70	2
	Max	8,00	3,25		

Diameters Diametri	Limits Limiti	A	H	P	PH
<b>M 5</b>	Min.	9,64	3,65	~ 0,80	2
	Max	10,00	3,95		
<b>M 6</b>	Min.	11,57	4,45	~ 1,00	3
	Max	12,00	4,75		
<b>M 8</b>	Min.	15,57	5,85	~ 1,25	4
	Max	16,00	6,15		
<b>M 10</b>	Min.	17,48	7,32	~ 1,50	4
	Max	20,00	7,68		

## CL. 4.8

- Low Tensile Steel**  
Acciaio a Bassa Resistenza
- Class 4.8 Steel**  
Acciaio Classe 4.8
- Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>



# 79850

## TCL PH



SIZES MISURE	FINISHING				PACKAGING			
	TG 0 PLAIN GREZZE €/1.000	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000	TG 4 NICKEL PL. NICHELATE €/1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/1.0000				
<b>M 2 x 4</b>	14,20	15,40	20,05	23,10	48.000 (24)	8.000 (4)	2.000	100.000
5	14,05	15,25	19,85	22,90	48.000 (24)	8.000 (4)	2.000	90.000
6	13,90	15,10	19,65	22,65	48.000 (24)	8.000 (4)	2.000	80.000
8	14,35	15,60	20,30	23,40	48.000 (24)	8.000 (4)	2.000	60.000
10	14,70	15,95	20,75	23,95	48.000 (24)	8.000 (4)	2.000	60.000
12	15,10	16,40	21,35	24,60	48.000 (24)	8.000 (4)	2.000	50.000
16	16,00	17,35	22,60	26,05	24.000 (12)	8.000 (4)	2.000	40.000
20	18,50	20,10	26,15	30,15	24.000 (12)	8.000 (4)	2.000	40.000
<b>M 2,5 x 4</b>	12,55	13,60	17,70	20,40	48.000 (24)	8.000 (4)	2.000	50.000
5	12,45	13,50	17,55	20,25	48.000 (24)	8.000 (4)	2.000	50.000
6	12,55	13,60	17,70	20,40	48.000 (24)	8.000 (4)	2.000	50.000
8	12,85	13,95	18,15	20,95	48.000 (24)	8.000 (4)	2.000	40.000
10	13,90	15,10	19,65	22,65	24.000 (12)	8.000 (4)	2.000	35.000
12	14,85	16,10	20,95	24,15	24.000 (12)	8.000 (4)	2.000	30.000
14	16,10	17,50	22,75	26,25	24.000 (12)	8.000 (4)	2.000	25.000
16	17,05	18,50	24,05	27,75	24.000 (12)	8.000 (4)	2.000	25.000
18	18,35	19,95	25,95	29,95	16.000 (8)	8.000 (4)	2.000	25.000
20	20,00	21,70	28,25	32,55	16.000 (8)	8.000 (4)	2.000	20.000
<b>M 3 x 4</b>	14,85	16,10	20,95	24,15	24.000 (24)	4.000 (4)	1.000	35.000
5	11,70	12,70	16,55	19,05	24.000 (24)	4.000 (4)	1.000	30.000
6	9,10	9,85	12,35	13,80	24.000 (24)	4.000 (4)	1.000	30.000
8	8,75	9,50	11,90	13,30	24.000 (24)	4.000 (4)	1.000	25.000
10	9,30	10,10	12,65	14,15	24.000 (24)	4.000 (4)	1.000	24.000
12	9,75	10,60	13,25	14,85	12.000 (12)	4.000 (4)	1.000	20.000
14	10,30	11,20	14,00	15,70	12.000 (12)	4.000 (4)	1.000	18.000
16	10,80	11,70	14,65	16,40	12.000 (12)	4.000 (4)	1.000	18.000
18	11,50	12,50	15,65	17,50	12.000 (12)	4.000 (4)	1.000	16.000
20	12,20	13,25	16,60	18,55	12.000 (12)	4.000 (4)	1.000	15.000
25	14,05	15,25	19,10	21,35	8.000 (8)	4.000 (4)	1.000	12.000
30	16,50	17,90	22,40	25,10	6.000 (6)	2.000 (2)	1.000	10.000
35	18,35	19,90	24,90	27,90	6.000 (6)	2.000 (2)	1.000	10.000
40	21,80	23,70	29,65	33,20	4.000 (8)	2.000 (4)	500	8.000
45	24,50	26,60	33,25	37,25	4.000 (8)	2.000 (4)	500	6.000
50	27,15	29,50	36,90	41,30	3.000 (6)	1.000 (2)	500	5.000






Nickel plated available on minimum quantities to be agreed upon if not currently available in stock.  
Finitura Nichelata su quantitativo minimo da concordarsi in mancanza di disponibilità a magazzino.









## 79850

TCL PH



## MACHINE SCREWS PH PAN HEAD

-  Viti metriche testa cilindrica PH
-  Gewinde Schrauben Linsenkopf PH-Antrieb
-  Vis métaux tête cylindrique PH
-  Tornillos rosca métrica cabeza redonda PH
-  Винты с метрической резьбой полусферическая головка PH

SIZES MISURE	FINISHING				PACKAGING			
								
	€/ 1.000	€/ 1.000	€/ 1.000	€/ 1.000				
<b>M 4 x 4</b>	21,90	23,80	30,95	35,70	12.000 (12)	4.000 (4)	1.000	15.000
<b>5</b>	14,75	16,00	20,80	24,00	12.000 (12)	4.000 (4)	1.000	15.000
<b>6</b>	12,45	13,50	16,90	18,90	12.000 (12)	4.000 (4)	1.000	13.000
<b>8</b>	12,80	13,90	17,40	19,50	12.000 (12)	4.000 (4)	1.000	12.500
<b>10</b>	13,35	14,50	18,15	20,30	12.000 (12)	4.000 (4)	1.000	10.000
<b>12</b>	14,10	15,30	19,15	21,45	12.000 (12)	4.000 (4)	1.000	10.000
<b>14</b>	15,20	16,50	20,65	23,10	8.000 (8)	4.000 (4)	1.000	10.000
<b>16</b>	15,85	17,20	21,50	24,10	8.000 (8)	4.000 (4)	1.000	9.000
<b>18</b>	16,85	18,30	22,90	25,65	8.000 (8)	4.000 (4)	1.000	8.000
<b>20</b>	18,05	19,60	24,50	27,45	6.000 (6)	2.000 (2)	1.000	8.000
<b>25</b>	20,65	22,40	28,00	31,40	6.000 (12)	2.000 (4)	500	7.000
<b>30</b>	23,30	25,30	31,65	35,45	4.000 (8)	2.000 (4)	500	6.000
<b>35</b>	26,50	28,80	36,00	40,35	3.000 (6)	1.000 (2)	500	5.000
<b>40</b>	28,90	31,40	39,25	44,00	3.000 (6)	1.000 (2)	500	5.000
<b>45</b>	31,95	34,70	43,40	48,60	3.000 (6)	1.000 (2)	500	4.000
<b>50</b>	35,30	38,35	47,95	53,70	2.000 (4)	1.000 (2)	500	4.000
<b>60</b>	43,65	47,40	59,25	66,40	1.600 (8)	800 (4)	200	3.000
<b>M 5 x 5</b>	27,70	30,10	39,15	45,15	8.000 (8)	4.000 (4)	1.000	8.000
<b>6</b>	23,00	25,00	32,50	37,50	8.000 (8)	4.000 (4)	1.000	8.000
<b>8</b>	20,10	21,80	27,25	30,55	8.000 (8)	4.000 (4)	1.000	7.000
<b>10</b>	21,35	23,20	29,00	32,50	6.000 (6)	2.000 (2)	1.000	6.000
<b>12</b>	23,05	25,05	31,35	35,10	6.000 (12)	2.000 (4)	500	6.000
<b>14</b>	24,30	26,40	33,00	37,00	6.000 (12)	2.000 (4)	500	5.000
<b>16</b>	25,40	27,60	34,50	38,65	6.000 (12)	2.000 (4)	500	5.000
<b>18</b>	27,55	29,90	37,40	41,90	4.000 (8)	2.000 (4)	500	5.000
<b>20</b>	28,55	31,00	38,75	43,40	4.000 (8)	2.000 (4)	500	4.500
<b>25</b>	32,20	35,00	43,75	49,00	3.000 (6)	1.000 (2)	500	4.000
<b>30</b>	36,80	40,00	50,00	56,00	2.400 (12)	800 (4)	200	3.500
<b>35</b>	40,50	44,00	55,00	61,60	2.400 (12)	800 (4)	200	3.000
<b>40</b>	46,95	51,00	63,75	71,40	1.600 (8)	800 (4)	200	3.000
<b>45</b>	52,45	57,00	71,25	79,80	1.600 (8)	800 (4)	200	2.500
<b>50</b>	59,80	65,00	81,25	91,00	1.200 (6)	400 (2)	200	2.500
<b>60</b>	70,85	77,00	96,25	107,80	1.200 (6)	400 (2)	200	1.600
<b>70</b>	84,65	92,00	115,00	128,80	800 (4)	400 (2)	200	1.500
<b>80</b>	101,20	110,00	137,50	154,00	800 (4)	400 (2)	200	1.200

**Nickel plated available on minimum quantities to be agreed upon if not currently available in stock.**

Finitura Nichelata su quantitativo minimo da concordarsi in mancanza di disponibilità a magazzino.



# 31600

SW

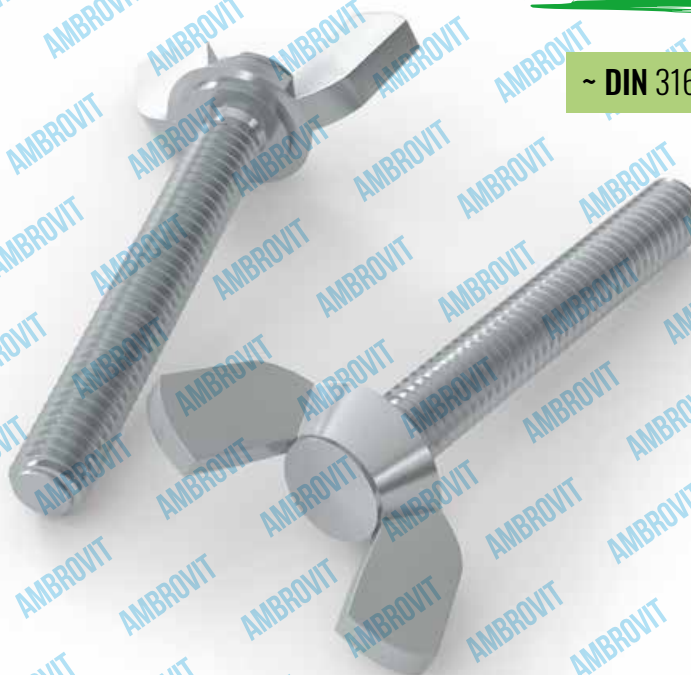


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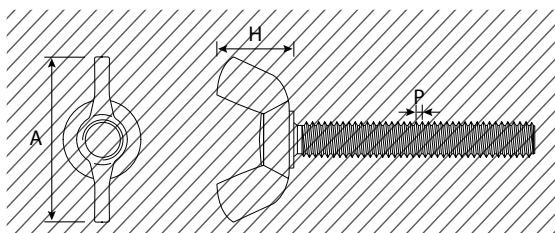
MORE INFO ON PAGE 14

~ DIN 316 • ~ Uni 5449

TG 51 BASE  
Zinc Cr3 3µm  
24 hr  
RoHS compliant

## MACHINE WING SCREWS

-  Viti metriche ad alette
-  Gewinde Flügelschrauben
-  Vis métaux à oreilles
-  Tornillos rosca métrica de mariposa
-  Винты с метрической резьбой барашек

[ambrovit.it/video](http://ambrovit.it/video)  
**TUTORIAL****PLAY**  
THE VIDEO

Diameters Diametri	Limits Limiti	A	H	P
M 3	Min.	16,50	7,60	~ 0,50
	Max	20,00	9,60	
M 4	Min.	16,50	7,60	~ 0,70
	Max	20,00	9,60	
M 5	Min.	20,50	9,50	~ 0,80
	Max	23,50	11,50	
M 6	Min.	25,70	11,70	~ 1,00
	Max	28,70	13,70	
M 8	Min.	28,60	13,60	~ 1,25
	Max	32,00	16,00	
M 10	Min.	33,60	16,00	~ 1,50
	Max	38,00	18,00	
M 12	Min.	45,00	21,00	~ 1,75
	Max	50,00	24,00	






## CL. 4.8

-  **Low Tensile Steel**  
Acciaio a Bassa Resistenza
-  **Class 4.8 Steel**  
Acciaio Classe 4.8
-  **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura  
per trazione: 400 N/mm<sup>2</sup>
-  **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

# 31600

## SW



FINISHING		PACKAGING				
SIZES MISURE						
	TG 51 BLUE ZINC Cr-3 ZINCATE Cr-3 € / 1.000					
<b>M 3 x 10</b>	132,00	6.000 (12)	2.000 (4)	500	7.000	
<b>12</b>	133,00	6.000 (12)	2.000 (4)	500	7.000	
<b>15</b>	134,00	6.000 (12)	2.000 (4)	500	7.000	
<b>20</b>	136,00	4.000 (8)	2.000 (4)	500	6.000	
<b>25</b>	138,00	4.000 (8)	2.000 (4)	500	6.000	
<b>30</b>	140,00	3.000 (6)	1.000 (2)	500	5.000	
<b>M 4 x 10</b>	139,00	4.000 (8)	2.000 (4)	500	4.000	
<b>12</b>	141,00	3.000 (6)	1.000 (2)	500	3.500	
<b>15</b>	143,00	3.000 (6)	1.000 (2)	500	3.500	
<b>20</b>	146,00	3.000 (6)	1.000 (2)	500	3.000	
<b>25</b>	149,00	1.600 (8)	800 (4)	200	3.000	
<b>30</b>	152,00	1.600 (8)	800 (4)	200	3.000	
<b>35</b>	156,00	1.600 (8)	800 (4)	200	2.500	
<b>40</b>	160,00	1.600 (8)	800 (4)	200	2.500	
<b>M 5 x 10</b>	149,00	3.000 (6)	1.000 (2)	500	3.000	
<b>12</b>	151,00	2.400 (12)	800 (4)	200	3.000	
<b>15</b>	154,00	2.400 (12)	800 (4)	200	3.000	
<b>20</b>	157,00	2.400 (12)	800 (4)	200	2.500	
<b>25</b>	160,00	1.600 (8)	800 (4)	200	2.500	
<b>30</b>	164,00	1.200 (12)	400 (4)	100	2.000	
<b>35</b>	168,00	1.200 (12)	400 (4)	100	2.000	
<b>40</b>	173,00	1.200 (12)	400 (4)	100	2.000	
<b>M 6 x 10</b>	172,00	2.400 (12)	800 (4)	200	2.000	
<b>12</b>	174,00	1.600 (8)	800 (4)	200	2.000	
<b>15</b>	178,00	1.600 (8)	800 (4)	200	2.000	
<b>20</b>	185,00	1.200 (6)	400 (2)	200	1.700	
<b>25</b>	192,00	1.200 (12)	400 (4)	100	1.500	
<b>30</b>	198,00	1.200 (12)	400 (4)	100	1.500	
<b>35</b>	206,00	800 (8)	400 (4)	100	1.500	
<b>40</b>	214,00	800 (8)	400 (4)	100	1.200	
<b>45</b>	223,00	600 (6)	200 (2)	100	1.200	
<b>50</b>	233,00	600 (6)	200 (2)	100	1.200	

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRIANGULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS






BITS


# 31600

## SW



### MACHINE WING SCREWS

-  Viti metriche ad alette
-  Gewinde Flügelschrauben
-  Vis métaux à oreilles
-  Tornillos rosca métrica de mariposa
-  Винты с метрической резьбой барашек

SIZES MISURE	FINISHING		PACKAGING			
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000					
<b>M 8 x 12</b>	242,00	1.200 (6)	400 (2)	200	1.200	
<b>15</b>	248,00	800 (8)	400 (4)	100	1.000	
<b>20</b>	260,00	800 (8)	400 (4)	100	1.000	
<b>25</b>	275,00	800 (8)	400 (4)	100	900	
<b>30</b>	288,00	600 (6)	200 (2)	100	800	
<b>35</b>	302,00	600 (6)	200 (2)	100	800	
<b>40</b>	320,00	600 (12)	200 (4)	50	750	
<b>45</b>	338,00	400 (8)	200 (4)	50	700	
<b>50</b>	360,00	400 (8)	200 (4)	50	650	
<b>M 10 x 15</b>	398,00	600 (6)	200 (2)	100	600	
<b>20</b>	412,00	600 (6)	200 (2)	100	600	
<b>25</b>	430,00	400 (4)	200 (2)	100	500	
<b>30</b>	450,00	400 (4)	200 (2)	100	500	
<b>35</b>	465,00	300 (6)	100 (2)	50	500	
<b>40</b>	488,00	300 (6)	100 (2)	50	450	
<b>45</b>	510,00	300 (6)	100 (2)	50	450	
<b>50</b>	540,00	300 (6)	100 (2)	50	400	
<b>M 12 x 20</b>	725,00	300 (6)	100 (2)	50	350	
<b>25</b>	752,00	300 (6)	100 (2)	50	300	
<b>30</b>	780,00	300 (6)	100 (2)	50	300	
<b>35</b>	810,00	300 (6)	100 (2)	50	250	
<b>40</b>	845,00	200 (4)	100 (2)	50	200	
<b>45</b>	875,00	200 (4)	100 (2)	50	200	
<b>50</b>	915,00	200 (4)	100 (2)	50	200	

# 93300

TE FT



ALWAYS UP-TO-DATE WITH REGULATIONS



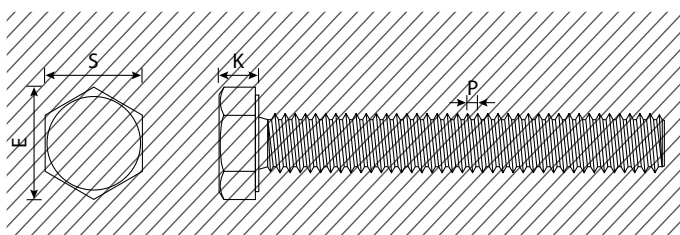
MORE INFO ON PAGE 14

~ DIN 933 • ~ DIN 558

**TG 51** BASE  
Znc Cr3 3µm  
24 hr  
RoHS compliant


## MACHINE SCREWS HEXAGON HEAD FULL THREAD LOW RESISTANCE

- Viti metriche testa esagonale tutto filetto bassa resistenza
- Sechskantkopfschrauben Vollgewinde geringe Festigkeit
- Vis métaux tête hexagonale filetage total bas résistance
- Tornillos rosca métrica cabeza hexagonal rosca total baja resistencia
- Винты с метрической резьбой шестигранная головка и полная резьба низкое сопротивление



Diameters Diametri	Limits Limiti	K	E	S	P
M 4	Min.	2,80	7,66	-	~ 0,70
	Max	-	-	7,00	-
M 5	Min.	3,50	8,79	-	~ 0,80
	Max	-	-	8,00	-
M 6	Min.	4,00	11,05	-	~ 1,00
	Max	-	-	10,00	-
M 8	Min.	5,30	14,38	-	~ 1,25
	Max	-	-	13,00	-
M 10*	Min.	6,40	18,90	-	~ 1,50
	Max	-	-	17,00	-
M 12*	Min.	7,50	21,10	-	~ 1,75
	Max	-	-	19,00	-

\* Wrench (S) in according to the international standard DIN which differs from Iso standard.  
Chiave (S) in accordo alla normativa DIN la quale differisce dalla Iso standard.

## LOW RES.






- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

# 93300




TE FT



## MACHINE SCREWS HEXAGON HEAD FULL THREAD LOW RESISTANCE

-  Viti metriche testa esagonale tutto filetto bassa resistenza
-  Sechskantkopfschrauben Vollgewinde geringe Festigkeit
-  Vis métaux tête hexagonale filetage total bas résistance
-  Tornillos rosca métrica cabeza hexagonal rosca total baja resistencia
-  Винты с метрической резьбой шестигранная головка и полная резьба низкое сопротивление

SIZES MISURE	FINISHING	PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
<b>M 4 x 8</b>	29,95	12.000 (12)	4.000 (4)	1.000
<b>10</b>	27,10	12.000 (12)	4.000 (4)	1.000
<b>12</b>	27,65	8.000 (8)	4.000 (4)	1.000
<b>14</b>	28,60	8.000 (8)	4.000 (4)	1.000
<b>16</b>	29,00	8.000 (8)	4.000 (4)	1.000
<b>20</b>	30,90	6.000 (6)	2.000 (2)	1.000
<b>25</b>	32,65	4.000 (4)	2.000 (2)	1.000
<b>30</b>	36,45	4.000 (4)	2.000 (2)	1.000
<b>35</b>	39,60	3.000 (6)	1.000 (2)	500
<b>40</b>	44,75	3.000 (6)	1.000 (2)	500
<b>45</b>	55,50	2.000 (4)	1.000 (2)	500
<b>50</b>	71,40	2.000 (4)	1.000 (2)	500
<b>M 5 x 8</b>	41,50	6.000 (12)	2.000 (4)	500
<b>10</b>	41,50	6.000 (12)	2.000 (4)	500
<b>12</b>	37,85	6.000 (12)	2.000 (4)	500
<b>14</b>	36,90	6.000 (12)	2.000 (4)	500
<b>16</b>	36,90	6.000 (12)	2.000 (4)	500
<b>20</b>	34,70	4.000 (8)	2.000 (4)	500
<b>25</b>	39,35	4.000 (8)	2.000 (4)	500
<b>30</b>	44,20	3.000 (6)	1.000 (2)	500
<b>35</b>	51,15	3.000 (6)	1.000 (2)	500
<b>40</b>	63,95	3.000 (6)	1.000 (2)	500
<b>45</b>	71,85	2.000 (4)	1.000 (2)	500
<b>50</b>	87,45	2.000 (4)	1.000 (2)	500
<b>55</b>	107,45	2.000 (4)	1.000 (2)	500
<b>60</b>	139,00	1.200 (6)	400 (2)	200
<b>70</b>	174,50	800 (4)	400 (2)	200

SIZES MISURE	FINISHING	PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
<b>M 6 x 8</b>	48,30	6.000 (12)	2.000 (4)	500
<b>10</b>	46,95	4.000 (8)	2.000 (4)	500
<b>12</b>	41,90	4.000 (8)	2.000 (4)	500
<b>14</b>	38,50	4.000 (8)	2.000 (4)	500
<b>16</b>	40,40	3.000 (6)	1.000 (2)	500
<b>20</b>	46,25	3.000 (6)	1.000 (2)	500
<b>25</b>	51,15	2.000 (4)	1.000 (2)	500
<b>30</b>	58,10	2.000 (4)	1.000 (2)	500
<b>35</b>	61,50	1.600 (8)	800 (4)	200
<b>40</b>	68,30	1.600 (8)	800 (4)	200
<b>45</b>	74,80	1.600 (8)	800 (4)	200
<b>50</b>	81,10	1.200 (6)	400 (2)	200
<b>55</b>	106,65	1.200 (6)	400 (2)	200
<b>60</b>	123,40	800 (4)	400 (2)	200
<b>70</b>	157,80	800 (4)	400 (2)	200
<b>80</b>	203,90	800 (4)	400 (2)	200
<b>90</b>	285,60	800 (4)	400 (2)	200
<b>100</b>	326,40	800 (4)	400 (2)	200
<b>M 8 x 10</b>	88,95	2.400 (12)	800 (4)	200
<b>12</b>	85,85	2.400 (12)	800 (4)	200
<b>14</b>	82,70	1.600 (8)	800 (4)	200
<b>16</b>	83,25	1.600 (8)	800 (4)	200
<b>20</b>	85,30	1.600 (8)	800 (4)	200
<b>25</b>	95,20	1.200 (6)	400 (2)	200
<b>30</b>	105,55	1.200 (6)	400 (2)	200
<b>35</b>	116,30	1.200 (6)	400 (2)	200
<b>40</b>	126,25	800 (4)	400 (2)	200
<b>45</b>	138,05	800 (4)	400 (2)	200
<b>50</b>	147,30	800 (4)	400 (2)	200
<b>55</b>	158,20	800 (4)	400 (2)	200
<b>60</b>	173,70	600 (6)	200 (2)	100
<b>70</b>	246,20	600 (6)	200 (2)	100
<b>80</b>	283,70	400 (4)	200 (2)	100
<b>90</b>	323,55	400 (4)	200 (2)	100
<b>100</b>	375,65	400 (4)	200 (2)	100



# 93300





## TE FT



BLIND RIVETS

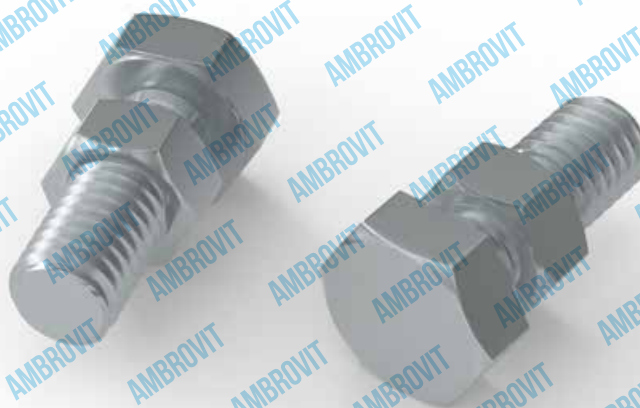
STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

FINISHING		PACKAGING		
SIZES MISURE				
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
<b>M 10 x 16</b>	157,65	1.200 (6)	400 (2)	200
<b>20</b>	147,85	800 (4)	400 (2)	200
<b>25</b>	163,20	800 (4)	400 (2)	200
<b>30</b>	176,80	800 (4)	400 (2)	200
<b>35</b>	189,05	600 (6)	200 (2)	100
<b>40</b>	204,00	600 (6)	200 (2)	100
<b>45</b>	220,60	600 (6)	200 (2)	100
<b>50</b>	238,30	400 (4)	200 (2)	100
<b>55</b>	255,45	400 (4)	200 (2)	100
<b>60</b>	278,15	400 (4)	200 (2)	100
<b>70</b>	332,40	400 (4)	200 (2)	100
<b>80</b>	464,75	300 (6)	100 (2)	50
<b>90</b>	525,65	300 (6)	100 (2)	50
<b>100</b>	612,00	200 (4)	100 (2)	50
<b>M 12 x 16</b>	227,00	800 (8)	400 (4)	100
<b>20</b>	223,90	600 (6)	200 (2)	100
<b>25</b>	234,20	600 (6)	200 (2)	100
<b>30</b>	254,35	400 (4)	200 (2)	100
<b>35</b>	271,90	400 (4)	200 (2)	100
<b>40</b>	292,55	400 (4)	200 (2)	100
<b>45</b>	316,90	400 (4)	200 (2)	100
<b>50</b>	342,20	300 (6)	100 (2)	50
<b>55</b>	366,55	300 (6)	100 (2)	50
<b>60</b>	391,85	200 (4)	100 (2)	50
<b>70</b>	477,10	200 (4)	100 (2)	50
<b>80</b>	545,95	200 (4)	100 (2)	50
<b>90</b>	728,30	200 (4)	100 (2)	50
<b>100</b>	846,60	200 (4)	100 (2)	50

# 93311

TE FT + DADO



ALWAYS UP-TO-DATE WITH REGULATIONS



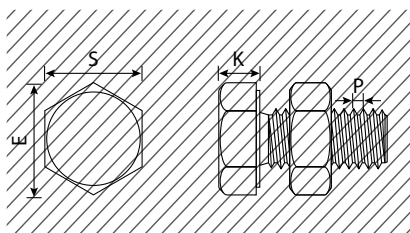
MORE INFO ON PAGE 14

~ DIN 933 • ~ DIN 558

TG 51 BASE  
Znc Cr3 3µm  
24 hr  
RoHS compliant

## MACHINE SCREWS HEXAGON HEAD FULL THREAD W/NUT LOW RESISTANCE IN PLASTIC BAG

- Viti metriche testa esagonale tutto filetto e dado in sacchetti
- Sechskantkopfschrauben Vollgewinde mit Mutter geringe Festigkeit in Plastikhülle
- Vis métaux tête hexagonale filetage total avec écrou bas résistance dans un sac en plastique
- Tornillos rosca métrica cabeza hexagonal rosca total con tuerca baja resistencia en bolsa de plástico
- Винты с метрической резьбой шестигранная головка и полная резьба с гайкой низкое сопротивление в пластиковые пакеты



Diameters Diametri	Limits Limiti	K	E	S	P
M 8	Min. Max	5,30	14,38 -	- 13,00	- 1,25

## LOW RES.

- **Low Tensile Steel**  
Acciaio a Bassa Resistenza
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

### FINISHING

### PACKAGING

SIZES  
MISURETG 51  
BLUE ZNC Cr3  
ZINCATE Cr3  
€ / 1.000

M 8 x 16

117,00

1.600 (8)

800 (4)

200



SPECIAL BOX

BLIND RIVETS

STAINLESS STEEL SCREWS

HEX LAG SCREWS

DRYWALL SCREWS

CARPENTRY WOOD SCREWS

CHIPBOARD SCREWS

DOME & EURO SCREWS

MACHINE SCREWS

TRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODS

SELF-TAPPING SCREWS






CONCRETE SCREWS

BLOCKFRAME SCREWS

SELF-DRILLING SCREWS

BITS

# TRILOBULAR SCREWS NUTS / BOLTS / WASHERS THREADED RODS

-  Viti trilobate, Dadi, Bulloni, Rondelle, Barre filettate
-  Gewindefurchende Schrauben, Muttern, Schraubenbolzen, Unterlegscheiben, Gewindestangen
-  Vis autoformeuses, Écrous, Boulons, Rondelles, Tiges Filetées
-  Tornillos rosca trilobular, Tuercas, Pernos, Arandelas, Varillas Roscadas
-  Винты резьбовыдавливающие, Гайки, Болты, Шайбы, Резьбовые шпильки



## AMBROVIT® MAIN DATA

**44,000**  
PALLETS

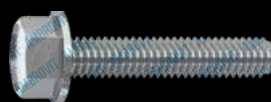
**3,000**  
TRAYS

**1,500**  
CLIENTS

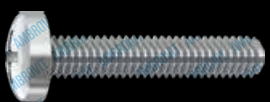
**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS

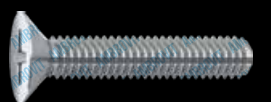
**81110** TE FR / PAGE 244



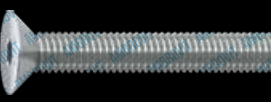
**81120** TC PH / PAGE 246




**81130** TSP PH / PAGE 248



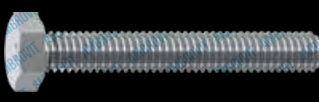
**79919** TSP CEI / PAGE 250




**91280** TC CEI / PAGE 252



**93380** TE FT / PAGE 255



**93180** TE PT / PAGE 259




**93480** DE / PAGE 262




**93489** DE HT / **NEW PRODUCT** / PAGE 264




**98580** DE AB / PAGE 266



**98280** DE AA / PAGE 268



**69238** DE FL / PAGE 270




**15870** DE C / PAGE 272



**63348** DE GZ / PAGE 274



**31500** DW / PAGE 276




**15930** DE SH / **NEW PRODUCT** / PAGE 277



**15937** DE SH A2 / **NEW PRODUCT** / PAGE 277



**12500** RON / PAGE 278




**90210** RON XL / PAGE 279



**90410** RON XXL / PAGE 280




**12700** RON EL / PAGE 281



**67989** RON IN / PAGE 282




**67988** RON ES / PAGE 283




**44077** RAN FTX / PAGE 284



**97500** BF 4.8 / PAGE 285

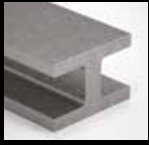


**97688** BF 8.8 / **NEW PRODUCT** / PAGE 286



# 81110

TE FR



ALWAYS UP-TO-DATE WITH REGULATIONS



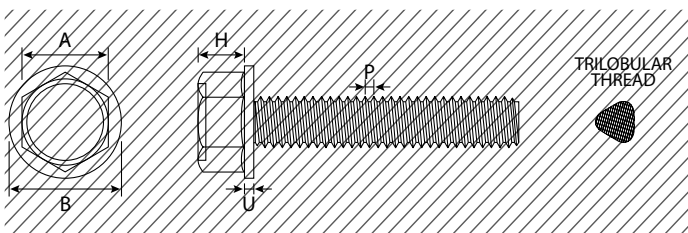
MORE INFO ON PAGE 14

~ DIN 7500-D • ~ Uni 8111



## TRILOBULAR SCREWS HEXAGON FLAT WASHER HEAD

- Viti autoformanti testa esagonale finta rondella piana a sezione trilobata
- Gewindefurchende Schrauben Sechskant-Flanschkopf
- Vis autoformeuses tête hexagonale à embase
- Tornillos rosca trilobular cabeza hexagonal+arandela
- Винты резьбовыдавливающие с шестигранной головкой и пресс-шайбой



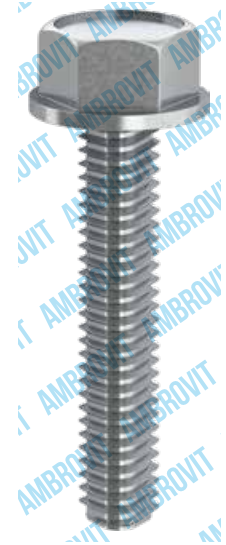
Diameters Diametri	Limits Limiti	A	B	H	U	P
M 3	Min.	4,82	6,60	2,00	0,40	~ 0,50
	Max	5,00	7,00	2,50	0,60	
M 4	Min.	6,78	8,20	3,00	0,80	~ 0,70
	Max	7,00	8,80	3,45	1,00	
M 5	Min.	7,78	9,80	3,05	0,90	~ 0,80
	Max	8,00	10,50	3,50	1,10	
M 6	Min.	9,78	12,20	4,85	1,00	~ 1,00
	Max	10,00	13,20	5,45	1,30	
M 8	Min.	12,73	16,70	4,90	1,20	~ 1,25
	Max	13,00	18,00	5,80	1,50	

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 240-390**  
Durezza a cuore: HV 240-390

# 81110

TE FR



FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000				
<b>M 3 x 6</b>	18,00	24.000 (24)	4.000 (4)	1.000	
<b>8</b>	18,00	24.000 (24)	4.000 (4)	1.000	
<b>10</b>	20,00	12.000 (12)	4.000 (4)	1.000	
<b>12</b>	21,00	12.000 (12)	4.000 (4)	1.000	
<b>16</b>	24,00	12.000 (12)	4.000 (4)	1.000	
<b>M 4 x 6</b>	29,00	12.000 (12)	4.000 (4)	1.000	
<b>8</b>	29,00	8.000 (8)	4.000 (4)	1.000	
<b>10</b>	31,00	8.000 (8)	4.000 (4)	1.000	
<b>12</b>	33,00	8.000 (8)	4.000 (4)	1.000	
<b>16</b>	37,00	6.000 (6)	2.000 (2)	1.000	
<b>20</b>	41,00	6.000 (6)	2.000 (2)	1.000	
<b>25</b>	47,00	4.000 (8)	2.000 (4)	500	
<b>30</b>	51,00	3.000 (6)	1.000 (2)	500	
<b>M 5 x 8</b>	49,00	4.000 (8)	2.000 (4)	500	
<b>10</b>	49,00	4.000 (8)	2.000 (4)	500	
<b>12</b>	52,00	4.000 (8)	2.000 (4)	500	
<b>16</b>	53,00	4.000 (8)	2.000 (4)	500	
<b>20</b>	58,00	3.000 (6)	1.000 (2)	500	
<b>25</b>	62,00	3.000 (6)	1.000 (2)	500	
<b>30</b>	71,00	3.000 (6)	1.000 (2)	500	
<b>35</b>	80,00	2.000 (4)	1.000 (2)	500	
<b>40</b>	88,00	2.000 (4)	1.000 (2)	500	
<b>M 6 x 10</b>	72,00	3.000 (6)	1.000 (2)	500	
<b>12</b>	75,00	3.000 (6)	1.000 (2)	500	
<b>16</b>	91,00	2.000 (4)	1.000 (2)	500	
<b>20</b>	96,00	2.000 (4)	1.000 (2)	500	
<b>25</b>	100,00	2.000 (4)	1.000 (2)	500	
<b>30</b>	105,00	2.000 (4)	1.000 (2)	500	
<b>35</b>	133,00	1.200 (6)	400 (2)	200	
<b>40</b>	155,00	1.200 (6)	400 (2)	200	
<b>M 8 x 12</b>	180,00	1.600 (8)	800 (4)	200	
<b>16</b>	196,00	1.200 (6)	400 (2)	200	
<b>20</b>	208,00	1.200 (6)	400 (2)	200	
<b>25</b>	220,00	1.200 (6)	400 (2)	200	
<b>30</b>	235,00	800 (4)	400 (2)	200	
<b>35</b>	255,00	800 (4)	400 (2)	200	
<b>40</b>	280,00	800 (4)	400 (2)	200	
<b>50</b>	320,00	800 (4)	400 (2)	200	

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 81120

## TC PH



ALWAYS UP-TO-DATE WITH REGULATIONS

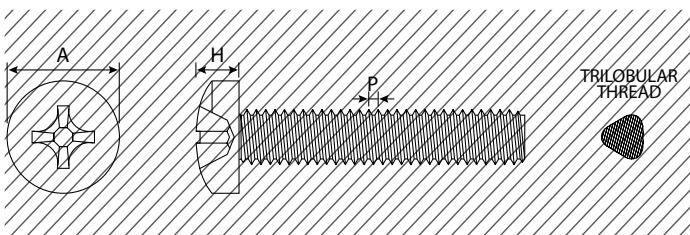


DIN 7500-CE • ~ Uni 8112 • Iso 7045

TG 51 BASE  
Znc Cr3 3µm  
24 hr  
RoHS compliant

### TRILOBULAR SCREWS PH PAN HEAD

- Viti autoformanti testa cilindrica PH a sezione trilobata
- Gewindefurchende Schrauben Linsenkopf PH-Antrieb
- Vis autoformeuses tête cylindrique PH
- Tornillos rosca trilobular cabeza redonda PH
- Винты резьбовыдавливающие полукруглая цилиндрическая головка PH



Diameters Diametri	Limits Limiti	A	H	P	PH
M 3	Min.	5,30	2,26	- 0,50	1
	Max.	5,60	2,40		
M 4	Min.	7,64	2,92	- 0,70	2
	Max.	8,00	3,10		
M 5	Min.	9,14	3,52	- 0,80	2
	Max.	9,50	3,70		
M 6	Min.	11,57	4,30	- 1,00	3
	Max.	12,00	4,60		

## C1022


- Carbon steel: C1022**  
Acciaio temperato: C1022
- Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- Core hardness: HV 240-390**  
Durezza a cuore: HV 240-390



# 81120

## TC PH



FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000				
<b>M 3 x 6</b>	16,10	24.000 (24)	4.000 (4)	1.000	
<b>8</b>	16,90	24.000 (24)	4.000 (4)	1.000	
<b>10</b>	17,90	24.000 (24)	4.000 (4)	1.000	
<b>12</b>	18,70	12.000 (12)	4.000 (4)	1.000	
<b>16</b>	20,50	12.000 (12)	4.000 (4)	1.000	
<b>20</b>	22,30	12.000 (12)	4.000 (4)	1.000	
<b>M 4 x 6</b>	22,55	12.000 (12)	4.000 (4)	1.000	
<b>8</b>	23,15	12.000 (12)	4.000 (4)	1.000	
<b>10</b>	24,45	12.000 (12)	4.000 (4)	1.000	
<b>12</b>	27,10	12.000 (12)	4.000 (4)	1.000	
<b>16</b>	29,25	8.000 (8)	4.000 (4)	1.000	
<b>20</b>	31,15	6.000 (6)	2.000 (2)	1.000	
<b>25</b>	36,95	6.000 (12)	2.000 (4)	500	
<b>30</b>	43,10	4.000 (8)	2.000 (4)	500	
<b>M 5 x 8</b>	37,65	6.000 (12)	2.000 (4)	500	
<b>10</b>	38,15	6.000 (12)	2.000 (4)	500	
<b>12</b>	40,55	6.000 (12)	2.000 (4)	500	
<b>16</b>	44,95	6.000 (12)	2.000 (4)	500	
<b>20</b>	47,20	4.000 (8)	2.000 (4)	500	
<b>25</b>	49,00	3.000 (6)	1.000 (2)	500	
<b>30</b>	60,80	2.000 (4)	1.000 (2)	500	
<b>M 6 x 10</b>	56,00	4.000 (8)	2.000 (4)	500	
<b>12</b>	66,25	4.000 (8)	2.000 (4)	500	
<b>16</b>	68,45	2.400 (12)	800 (4)	200	
<b>20</b>	73,30	2.400 (12)	800 (4)	200	
<b>25</b>	87,95	2.400 (12)	800 (4)	200	
<b>30</b>	92,95	1.600 (8)	800 (4)	200	

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 81130

## TSP PH

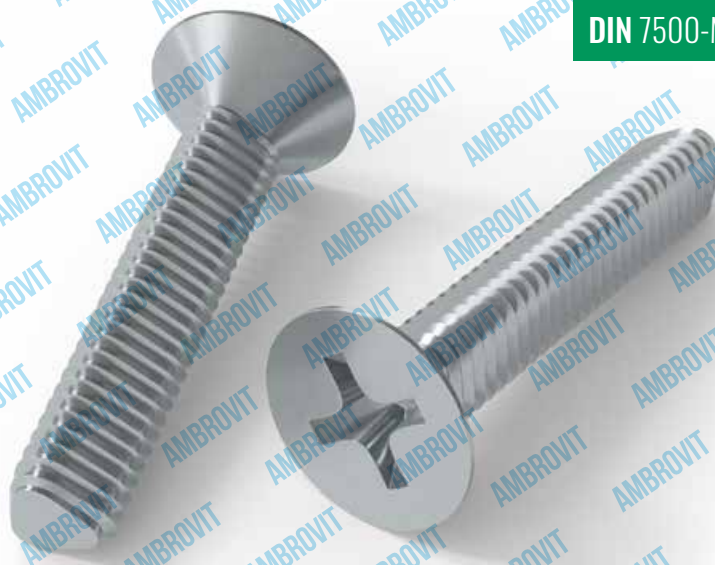


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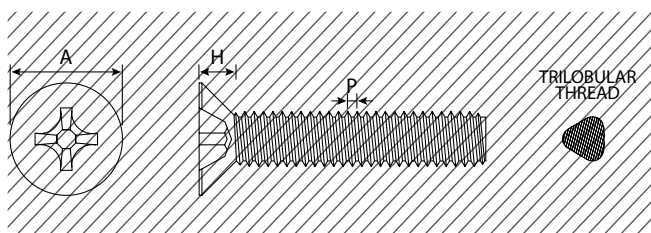
MORE INFO ON PAGE 14

DIN 7500-M • Uni 8113



### TRILOBULAR SCREWS PH FLAT HEAD

-  Viti autoformanti testa svasata piana PH a sezione trilobata
-  Gewindefurchende Schrauben Senkkopf PH-Antrieb
-  Vis autoformeuses tête fraisée PH
-  Tornillos rosca trilobular cabeza plana PH
-  Винты резьбовыдавливающие потайная головка PH



Diameters Diametri	Limits Limiti	A	H	P	PH
M 3	Min.	5,30	-	- 0,50	1
	Max	5,60	1,65		
M 4	Min.	7,14	-	- 0,70	2
	Max	7,50	2,20		
M 5	Min.	8,84	-	- 0,80	2
	Max	9,20	2,50		
M 6	Min.	10,57	-	- 1,00	3
	Max	11,00	3,00		

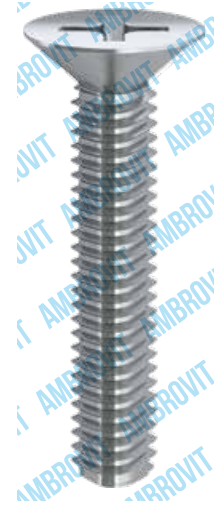
Some sizes available also as Iso 7046-2.  
Alcune misure disponibili secondo Iso 7046-2.

## C1022

-  Carbon steel: C1022  
Acciaio temperato: C1022
-  Case hardness: HV 450 Min  
Durezza superficiale: HV 450 Min
-  Core hardness: HV 240-390  
Durezza a cuore: HV 240-390

# 81130

## TSP PH



FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000				
<b>M 3 x 8</b>	16,90	24.000 (24)	4.000 (4)	1.000	
<b>10</b>	17,90	24.000 (24)	4.000 (4)	1.000	
<b>12</b>	18,70	24.000 (24)	4.000 (4)	1.000	
<b>16</b>	20,50	12.000 (12)	4.000 (4)	1.000	
<b>20</b>	22,30	12.000 (12)	4.000 (4)	1.000	
<b>M 4 x 8</b>	23,15	12.000 (12)	4.000 (4)	1.000	
<b>10</b>	24,45	12.000 (12)	4.000 (4)	1.000	
<b>12</b>	27,10	12.000 (12)	4.000 (4)	1.000	
<b>16</b>	29,25	8.000 (8)	4.000 (4)	1.000	
<b>20</b>	31,15	8.000 (8)	4.000 (4)	1.000	
<b>25</b>	36,95	6.000 (12)	2.000 (4)	500	
<b>30</b>	43,10	6.000 (12)	2.000 (4)	500	
<b>M 5 x 10</b>	38,15	6.000 (12)	2.000 (4)	500	
<b>12</b>	40,55	6.000 (12)	2.000 (4)	500	
<b>16</b>	44,95	6.000 (12)	2.000 (4)	500	
<b>20</b>	47,20	6.000 (12)	2.000 (4)	500	
<b>25</b>	49,00	4.000 (8)	2.000 (4)	500	
<b>30</b>	60,80	4.000 (8)	2.000 (4)	500	
<b>M 6 x 16</b>	68,45	2.400 (12)	800 (4)	200	
<b>20</b>	73,30	2.400 (12)	800 (4)	200	
<b>25</b>	87,95	2.400 (12)	800 (4)	200	
<b>30</b>	92,95	1.600 (8)	800 (4)	200	

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 79919

## TSP CEI



ALWAYS UP-TO-DATE WITH REGULATIONS








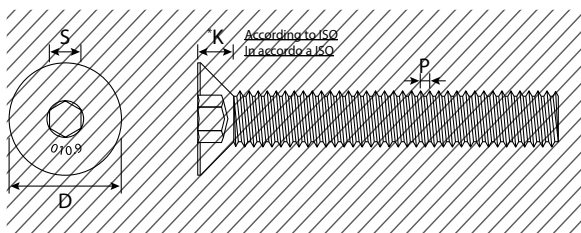
MORE INFO ON PAGE 14

DIN 7991 • Uni 5933 • Iso 10642

TG 51 BASE  
Znc Cr3 3µm  
24 hr  
RoHS compliant

### SCREWS HEXAGON COUNTERSUNK SOCKET FLAT HEAD FULL THREAD

-  Viti TSP cava esagonale tutto filetto
-  Senkkopf Schrauben mit Innensechskant Vollgewinde
-  Vis tête fraisée six pans creux filetage total
-  Tornillos cabeza plana hexágono interior rosca total
-  Винты плоская головка с внутренним шестигранником с полной резьбой






Diameters Diametri	Limits Limiti	D	* K	S	P
M 4	Min.	7,64	-	2,52	~ 0,70
	Max	8,00	2,48	2,60	
M 5	Min.	9,64	-	3,02	~ 0,80
	Max	10,00	3,10	3,10	
M 6	Min.	11,57	-	4,02	~ 1,00
	Max	12,00	3,72	4,12	
M 8	Min.	15,57	-	5,02	~ 1,25
	Max	16,00	4,96	5,14	
M 10	Min.	19,48	-	6,02	~ 1,50
	Max	20,00	6,20	6,14	
M 12	Min.	23,48	-	8,02	~ 1,75
	Max	24,00	7,44	8,17	

## CL. 10.9




- **High tensile Steel**  
Acciaio ad alta resistenza
- **Class 10.9 steel**  
Acciaio Classe 10.9
- **Tensile Strength: 1000 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 1000 N/mm<sup>2</sup>
- **Elastic limit: 900 N/mm<sup>2</sup>**  
Limite di elasticità: 900 N/mm<sup>2</sup>
- **Min. elongation: 9%**  
Allungamento min: 9%

# 79919

## TSP CEI

SIZES MISURE	FINISHING		PACKAGING		
	TG 0 PLAIN GREZZE €/1.000	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000			
<b>M 4 x 8</b>	47,00	48,50	12.000 (24)	2.000 (4)	500
<b>10</b>	39,50	41,00	12.000 (24)	2.000 (4)	500
<b>12</b>	36,50	38,50	12.000 (24)	2.000 (4)	500
<b>16</b>	35,50	38,50	12.000 (24)	2.000 (4)	500
<b>20</b>	38,00	41,50	6.000 (12)	2.000 (4)	500
<b>25</b>	43,50	47,50	6.000 (12)	2.000 (4)	500
<b>30</b>	47,50	52,00	6.000 (12)	2.000 (4)	500
<b>35</b>	55,50	60,50	4.000 (8)	2.000 (4)	500
<b>40</b>	63,00	68,50	4.000 (8)	2.000 (4)	500
<b>M 5 x 10</b>	42,50	45,50	6.000 (12)	2.000 (4)	500
<b>12</b>	39,50	43,50	6.000 (12)	2.000 (4)	500
<b>16</b>	40,00	44,50	6.000 (12)	2.000 (4)	500
<b>20</b>	43,00	48,00	6.000 (12)	2.000 (4)	500
<b>25</b>	50,00	56,50	4.000 (8)	2.000 (4)	500
<b>30</b>	56,50	64,00	3.000 (6)	1.000 (2)	500
<b>35</b>	65,50	74,00	3.000 (6)	1.000 (2)	500
<b>40</b>	89,50	99,00	2.000 (4)	1.000 (2)	500
<b>45</b>	110,00	122,00	2.000 (4)	1.000 (2)	500
<b>50</b>	152,00	165,00	2.000 (4)	1.000 (2)	500
<b>M 6 x 12</b>	50,00	55,50	4.800 (24)	800 (4)	200
<b>16</b>	52,50	58,50	4.800 (24)	800 (4)	200
<b>20</b>	60,50	68,00	2.400 (12)	800 (4)	200
<b>25</b>	68,00	77,50	2.400 (12)	800 (4)	200
<b>30</b>	75,00	86,00	2.400 (12)	800 (4)	200
<b>35</b>	85,00	97,50	2.400 (12)	800 (4)	200
<b>40</b>	95,00	109,00	1.600 (8)	800 (4)	200
<b>45</b>	104,00	119,00	1.600 (8)	800 (4)	200
<b>50</b>	126,50	143,00	1.200 (6)	400 (2)	200
<b>55</b>	170,00	188,00	1.200 (6)	400 (2)	200
<b>60</b>	217,00	236,50	800 (4)	400 (2)	200
<b>70</b>	252,50	270,60	800 (4)	400 (2)	200
<b>* 80/18</b>	373,40	400,10	800 (4)	400 (2)	200
<b>* 100/18</b>	498,30	534,00	800 (4)	400 (2)	200

\* Partial thread sizes available.  
Misure disponibili parzialmente filettate.

SIZES MISURE	FINISHING		PACKAGING		
	TG 0 PLAIN GREZZE €/1.000	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000			
<b>M 8 x 16</b>	93,50	106,00	2.400 (12)	800 (4)	200
<b>20</b>	99,00	114,50	1.600 (8)	800 (4)	200
<b>25</b>	110,50	127,50	1.600 (8)	800 (4)	200
<b>30</b>	123,00	143,00	1.200 (6)	400 (2)	200
<b>35</b>	147,50	170,00	1.200 (6)	400 (2)	200
<b>40</b>	156,50	182,00	1.200 (6)	400 (2)	200
<b>45</b>	169,50	197,00	800 (4)	400 (2)	200
<b>50</b>	180,00	210,50	800 (4)	400 (2)	200
<b>55</b>	195,00	228,00	800 (4)	400 (2)	200
<b>60</b>	206,50	242,00	800 (4)	400 (2)	200
<b>M 10 x 20</b>	189,00	213,50	1.200 (6)	400 (2)	200
<b>25</b>	209,00	237,50	800 (4)	400 (2)	200
<b>30</b>	227,00	259,50	800 (4)	400 (2)	200
<b>35</b>	243,50	280,50	800 (4)	400 (2)	200
<b>40</b>	261,50	303,00	800 (4)	400 (2)	200
<b>45</b>	279,00	324,50	800 (4)	400 (2)	200
<b>50</b>	300,00	350,00	400 (4)	200 (2)	100
<b>55</b>	321,00	375,00	400 (4)	200 (2)	100
<b>60</b>	343,00	401,00	400 (4)	200 (2)	100
<b>70</b>	399,50	462,00	400 (4)	200 (2)	100
<b>M 12 x 25</b>	345,50	388,00	800 (4)	400 (2)	200
<b>30</b>	314,50	363,00	800 (4)	400 (2)	200
<b>35</b>	338,00	393,00	600 (6)	200 (2)	100
<b>40</b>	359,00	420,00	400 (4)	200 (2)	100
<b>45</b>	387,50	454,50	400 (4)	200 (2)	100
<b>50</b>	415,00	488,50	400 (4)	200 (2)	100
<b>55</b>	446,00	525,50	400 (4)	200 (2)	100
<b>60</b>	483,00	568,50	400 (4)	200 (2)	100
<b>70</b>	573,00	664,50	200 (4)	100 (2)	50



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 91280

TC CEI



ALWAYS UP-TO-DATE WITH REGULATIONS



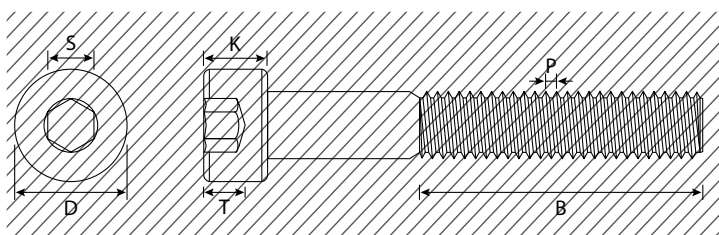
MORE INFO ON PAGE 14

DIN 912 • Uni 5931 • Iso 4762

TG 51 BASE  
Znc Cr3 3µm  
24 hr  
RoHS compliant

## SCREWS HEXAGON SOCKET CYLINDER HEAD

- Viti testa cilindrica esagono incassato
- Zylinderkopf Schrauben mit Innensechskant
- Vis tête cylindrique six pans creux
- Tornillos cabeza cilíndrica hexágono interior
- Винты цилиндрическая головка с внутренним шестигранником



Diameters Diametri	Limits Limiti	D	K	T	S	B	P
M 4	Min.	6,78	3,82	2,00	3,02	~ 20,00	~ 0,70
	Max	7,22	4,00	-	3,08		
M 5	Min.	8,28	4,82	2,50	4,02	~ 22,00	~ 0,80
	Max	8,72	5,00	-	4,09		
M 6	Min.	9,78	5,70	3,00	5,02	~ 24,00	~ 1,00
	Max	10,22	6,00	-	5,14		
M 8	Min.	12,73	6,76	4,00	6,02	~ 28,00	~ 1,25
	Max	13,27	8,00	-	6,14		
M 10	Min.	15,73	9,64	5,00	8,02	~ 32,00	~ 1,50
	Max	16,27	10,00	-	8,17		




Diameters Diametri	Limits Limiti	D	K	T	S	B	P
M 12	Min.	17,73	11,57	6,00	10,02	~ 36,00	~ 1,75
	Max	18,27	12,00	-	10,17		
M 14	Min.	20,67	13,57	7,00	12,03	~ 40,00	~ 2,00
	Max	21,33	14,00	-	12,21		
M 16	Min.	23,67	15,57	8,00	14,03	~ 44,00	~ 2,00
	Max	24,33	16,00	-	14,21		
M 20	Min.	29,67	19,48	10,00	17,05	~ 52,00	~ 2,50
	Max	30,33	20,00	-	17,23		




## CL. 8.8

- **High tensile Steel**  
Acciaio ad alta resistenza
- **Class 8.8 steel**  
Acciaio Classe 8.8
- **Tensile Strength: 800 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 800 N/mm<sup>2</sup>
- **Elastic limit: 640 N/mm<sup>2</sup>**  
Limite di elasticità: 640 N/mm<sup>2</sup>
- **Min. elongation: 12%**  
Allungamento min: 12%

# 91280

## TC CEI

SIZES MISURE	FINISHING		PACKAGING		
	TG 0 PLAIN GREZZE €/1.000	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000			
M 4 x 6	59,50	60,50	12.000 (24)	2.000 (4)	500
8	46,00	47,50	12.000 (24)	2.000 (4)	500
10	38,00	39,50	6.000 (12)	2.000 (4)	500
12	34,50	36,50	6.000 (12)	2.000 (4)	500
14	34,50	36,50	6.000 (12)	2.000 (4)	500
16	33,50	35,50	6.000 (12)	2.000 (4)	500
18	35,50	38,00	6.000 (12)	2.000 (4)	500
20	35,50	38,00	6.000 (12)	2.000 (4)	500
25	40,50	43,00	6.000 (12)	2.000 (4)	500
30	43,50	47,00	4.000 (8)	2.000 (4)	500
35	51,50	55,00	4.000 (8)	2.000 (4)	500
40	58,00	62,00	3.000 (6)	1.000 (2)	500
45	-	87,50	3.000 (6)	1.000 (2)	500
50	-	115,00	2.000 (4)	1.000 (2)	500
55	-	130,00	2.000 (4)	1.000 (2)	500
60	-	155,00	2.000 (4)	1.000 (2)	500
M 5 x 8	49,50	51,50	6.000 (12)	2.000 (4)	500
10	40,00	42,50	6.000 (12)	2.000 (4)	500
12	37,00	39,50	6.000 (12)	2.000 (4)	500
14	39,00	42,00	6.000 (12)	2.000 (4)	500
16	36,50	39,00	6.000 (12)	2.000 (4)	500
18	38,50	41,50	4.000 (8)	2.000 (4)	500
20	38,50	42,00	4.000 (8)	2.000 (4)	500
25	45,00	49,00	4.000 (8)	2.000 (4)	500
30	50,50	55,00	3.000 (6)	1.000 (2)	500
35	58,50	64,00	3.000 (6)	1.000 (2)	500
40	67,00	73,00	2.000 (4)	1.000 (2)	500
45	74,50	81,50	2.000 (4)	1.000 (2)	500
50	90,50	98,00	2.000 (4)	1.000 (2)	500
55	-	127,00	2.000 (4)	1.000 (2)	500
60	-	124,50	2.000 (4)	1.000 (2)	500
65	-	159,00	2.000 (4)	1.000 (2)	500
70	-	159,00	1.200 (6)	400 (2)	200
75	-	208,00	1.200 (6)	400 (2)	200
80	-	208,00	1.200 (6)	400 (2)	200
85	-	272,00	800 (4)	400 (2)	200
90	-	272,00	800 (4)	400 (2)	200
100	-	350,00	800 (4)	400 (2)	200

SIZES MISURE	FINISHING		PACKAGING		
	TG 0 PLAIN GREZZE €/1.000	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000			
M 6 x 10	53,00	57,00	4.000 (8)	2.000 (4)	500
12	46,00	50,00	4.000 (8)	2.000 (4)	500
14	47,00	52,00	4.000 (8)	2.000 (4)	500
16	47,00	52,00	3.000 (6)	1.000 (2)	500
18	54,00	59,50	3.000 (6)	1.000 (2)	500
20	54,00	60,00	3.000 (6)	1.000 (2)	500
25	61,00	67,50	3.000 (6)	1.000 (2)	500
30	66,50	73,50	2.000 (4)	1.000 (2)	500
35	75,50	84,00	1.600 (8)	800 (4)	200
40	84,00	93,50	1.600 (8)	800 (4)	200
45	92,50	102,50	1.600 (8)	800 (4)	200
50	113,00	124,50	1.200 (6)	400 (2)	200
55	-	139,50	1.200 (6)	400 (2)	200
60	-	158,50	1.200 (6)	400 (2)	200
65	-	176,50	1.200 (6)	400 (2)	200
70	-	201,50	1.200 (6)	400 (2)	200
75	-	241,50	800 (4)	400 (2)	200
80	-	261,00	800 (4)	400 (2)	200
85	-	296,00	800 (4)	400 (2)	200
90	-	296,00	800 (4)	400 (2)	200
100	-	333,00	800 (4)	400 (2)	200
M 8 x 12	84,50	94,00	2.400 (12)	800 (4)	200
14	84,50	94,50	1.600 (8)	800 (4)	200
16	83,50	93,50	1.600 (8)	800 (4)	200
18	87,00	98,00	1.600 (8)	800 (4)	200
20	87,00	98,50	1.600 (8)	800 (4)	200
25	96,50	109,00	1.200 (6)	400 (2)	200
30	107,00	121,50	1.200 (6)	400 (2)	200
35	129,00	145,00	1.200 (6)	400 (2)	200
40	136,50	154,50	800 (4)	400 (2)	200
45	147,00	166,50	800 (4)	400 (2)	200
50	155,50	177,00	800 (4)	400 (2)	200
55	169,00	192,00	600 (6)	200 (2)	100
60	178,00	203,00	600 (6)	200 (2)	100
65	214,00	240,50	600 (6)	200 (2)	100
70	216,00	244,00	600 (6)	200 (2)	100
75	-	282,50	600 (6)	200 (2)	100
80	-	300,50	400 (4)	200 (2)	100
85	-	373,50	400 (4)	200 (2)	100
90	-	373,50	400 (4)	200 (2)	100
100	-	437,50	400 (4)	200 (2)	100
110	-	486,50	400 (4)	200 (2)	100
120	-	532,00	300 (6)	100 (2)	50
130	-	598,00	300 (6)	100 (2)	50
140	-	637,00	300 (6)	100 (2)	50
150	-	792,00	300 (6)	100 (2)	50



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 91280

TC CEI



## SCREWS HEXAGON SOCKET CYLINDER HEAD

- Viti testa cilindrica esagono incassato
- Zylinderkopf Schrauben mit Innensechskant
- Vis tête cylindrique six pans creux
- Tornillos cabeza cilíndrica hexágono interior
- Винты цилиндрическая головка с внутренним шестигранником

SIZES MISURE	FINISHING		PACKAGING		
	TG 0 PLAIN GREZZE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3			
	€/1.000	€/1.000			
<b>M 10 x 20</b>	170,00	189,50	800 (4)	400 (2)	200
<b>25</b>	186,50	208,00	800 (4)	400 (2)	200
<b>30</b>	200,50	224,50	800 (4)	400 (2)	200
<b>35</b>	214,00	240,00	600 (6)	200 (2)	100
<b>40</b>	228,50	257,00	600 (6)	200 (2)	100
<b>45</b>	243,00	273,50	600 (6)	200 (2)	100
<b>50</b>	260,00	294,00	400 (4)	200 (2)	100
<b>55</b>	277,50	314,00	400 (4)	200 (2)	100
<b>60</b>	296,00	335,00	400 (4)	200 (2)	100
<b>65</b>	322,00	364,00	400 (4)	200 (2)	100
<b>70</b>	349,50	394,00	300 (6)	100 (2)	50
<b>75</b>	378,00	425,00	300 (6)	100 (2)	50
<b>80</b>	405,50	455,00	300 (6)	100 (2)	50
<b>85</b>	-	514,50	300 (6)	100 (2)	50
<b>90</b>	-	514,50	300 (6)	100 (2)	50
<b>100</b>	-	578,50	300 (6)	100 (2)	50
<b>110</b>	-	661,00	200 (4)	100 (2)	50
<b>120</b>	-	750,50	200 (4)	100 (2)	50
<b>130</b>	-	827,50	200 (4)	100 (2)	50
<b>140</b>	-	910,50	200 (4)	100 (2)	50
<b>150</b>	-	1.006,50	200 (4)	100 (2)	50
<b>M 12 x 20</b>	231,00	258,50	600 (6)	200 (2)	100
<b>25</b>	254,00	284,50	600 (6)	200 (2)	100
<b>30</b>	275,50	309,00	400 (4)	200 (2)	100
<b>35</b>	294,00	331,00	400 (4)	200 (2)	100
<b>40</b>	310,00	350,00	400 (4)	200 (2)	100
<b>45</b>	333,50	376,50	300 (6)	100 (2)	50
<b>50</b>	356,50	403,00	300 (6)	100 (2)	50
<b>55</b>	382,50	433,00	300 (6)	100 (2)	50
<b>60</b>	414,50	468,50	300 (6)	100 (2)	50
<b>65</b>	499,50	560,50	300 (6)	100 (2)	50
<b>70</b>	499,50	560,50	200 (4)	100 (2)	50
<b>75</b>	-	649,00	200 (4)	100 (2)	50
<b>80</b>	580,50	649,00	200 (4)	100 (2)	50
<b>85</b>	-	735,00	200 (4)	100 (2)	50
<b>90</b>	-	735,00	200 (4)	100 (2)	50
<b>100</b>	-	865,50	200 (4)	100 (2)	50
<b>110</b>	-	986,00	150 (6)	50 (2)	25
<b>120</b>	-	1.109,00	150 (6)	50 (2)	25
<b>130</b>	-	1.260,00	150 (6)	50 (2)	25
<b>140</b>	-	1.416,50	150 (6)	50 (2)	25
<b>150</b>	-	1.559,50	150 (6)	50 (2)	25

SIZES MISURE	FINISHING		PACKAGING		
	TG 0 PLAIN GREZZE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3			
	€/1.000	€/1.000			
<b>M 14 x 30</b>	-	491,50	400 (4)	200 (2)	100
<b>40</b>	-	543,50	400 (4)	200 (2)	100
<b>50</b>	-	600,50	200 (4)	100 (2)	50
<b>60</b>	-	702,00	200 (4)	100 (2)	50
<b>70</b>	-	794,00	200 (4)	100 (2)	50
<b>80</b>	-	886,50	200 (4)	100 (2)	50
<b>90</b>	-	994,50	200 (4)	100 (2)	50
<b>100</b>	-	1.088,50	200 (4)	100 (2)	50
<b>120</b>	-	1.344,50	100 (4)	50 (2)	25
<b>140</b>	-	1.761,00	100 (4)	50 (2)	25
<b>150</b>	-	1.998,00	100 (4)	50 (2)	25
<b>M 16 x 30</b>	-	620,50	200 (4)	100 (2)	50
<b>40</b>	-	685,50	200 (4)	100 (2)	50
<b>50</b>	-	758,50	200 (4)	100 (2)	50
<b>60</b>	-	883,00	200 (4)	100 (2)	50
<b>70</b>	-	990,50	100 (4)	50 (2)	25
<b>80</b>	-	1.095,00	100 (4)	50 (2)	25
<b>90</b>	-	1.209,50	100 (4)	50 (2)	25
<b>100</b>	-	1.345,00	100 (4)	50 (2)	25
<b>120</b>	-	1.613,00	100 (4)	50 (2)	25
<b>140</b>	-	2.180,50	100 (4)	50 (2)	25
<b>150</b>	-	2.319,00	100 (4)	50 (2)	25
<b>160</b>	-	2.590,50	100 (4)	50 (2)	25
<b>180</b>	-	3.125,50	100 (4)	50 (2)	25
<b>200</b>	-	3.675,50	100 (4)	50 (2)	25
<b>M 20 x 40</b>	-	1.130,00	100 (4)	50 (2)	25
<b>50</b>	-	1.231,00	100 (4)	50 (2)	25
<b>60</b>	-	1.404,00	100 (4)	50 (2)	25
<b>70</b>	-	1.550,00	100 (4)	50 (2)	25
<b>80</b>	-	1.714,00	100 (4)	50 (2)	25
<b>90</b>	-	1.892,50	100 (4)	50 (2)	25
<b>100</b>	-	2.104,00	100 (4)	50 (2)	25
<b>120</b>	-	2.523,50	100 (4)	50 (2)	25
<b>140</b>	-	3.279,00	100 (4)	50 (2)	25
<b>150</b>	-	3.626,50	100 (4)	50 (2)	25
<b>160</b>	-	4.051,00	40 (4)	20 (2)	10
<b>180</b>	-	4.817,00	40 (4)	20 (2)	10
<b>200</b>	-	5.652,00	40 (4)	20 (2)	10



# 93380

TE FT



ALWAYS UP-TO-DATE WITH REGULATIONS



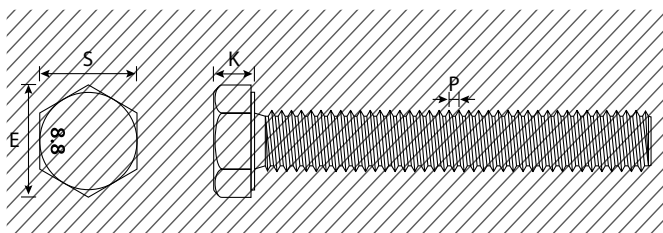
MORE INFO ON PAGE 14

DIN 933 • Uni 5739 • ~ Iso 4017

TG 51 BASE  
Znc Cr3 3µm  
24 hr  
RoHS compliant

## SCREWS HEXAGON HEAD WITH FULL THREAD

- Viti testa esagonale tutto filetto
- Sechskantkopfschrauben Vollgewinde
- Vis tête hexagonale filetage total
- Tornillos cabeza hexagonal rosca total
- Винты шестигранная головка полная резьба



Diameters Diametri	Limits Limiti	K	E	S	P
M 3	Min.	2,00	6,01	-	~ 0,50
	Max	-	5,50	-	-
M 4	Min.	2,80	7,66	-	~ 0,70
	Max	-	7,00	-	-
M 5	Min.	3,50	8,79	-	~ 0,80
	Max	-	8,00	-	-
M 6	Min.	4,00	11,05	-	~ 1,00
	Max	-	10,00	-	-
M 8	Min.	5,30	14,38	-	~ 1,25
	Max	-	13,00	-	-
M 10*	Min.	6,40	18,90	-	~ 1,50
	Max	-	17,00	-	-
M 12*	Min.	7,50	21,10	-	~ 1,75
	Max	-	19,00	-	-
M 14*	Min.	8,80	24,49	-	~ 2,00
	Max	-	22,00	-	-

Diameters Diametri	Limits Limiti	K	E	S	P
M 16	Min.	10,00	26,75	-	~ 2,00
	Max	-	24,00	-	-
M 18	Min.	11,50	30,14	-	~ 2,50
	Max	-	27,00	-	-
M 20	Min.	12,50	33,53	-	~ 2,50
	Max	-	30,00	-	-
M 22*	Min.	14,00	35,72	-	~ 2,50
	Max	-	32,00	-	-
M 24	Min.	15,00	39,98	-	~ 3,00
	Max	-	36,00	-	-
M 27	Min.	17,00	-	-	~ 3,00
	Max	-	41,00	-	-
M 30	Min.	18,70	-	-	~ 3,50
	Max	-	44,00	-	-

## CL. 8.8

- **High tensile Steel**  
Acciaio ad alta resistenza
- **Class 8.8 steel**  
Acciaio Classe 8.8
- **Tensile Strength: 800 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 800 N/mm<sup>2</sup>
- **Elastic limit: 640 N/mm<sup>2</sup>**  
Limite di elasticità: 640 N/mm<sup>2</sup>
- **Min. elongation: 12%**  
Allungamento min: 12%






\* **Wrench (S) in according to the international standard DIN which differs from Iso standard.**  
Chiave (S) in accordo alla normativa internazionale DIN la quale differisce dalla Iso.

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TE FT



## SCREWS HEXAGON HEAD WITH FULL THREAD

-  Viti testa esagonale tutto filetto
-  Sechskantkopfschrauben Vollgewinde
-  Vis tête hexagonale filetage total
-  Tornillos cabeza hexagonal rosca total
-  Винты шестигранная головка полная резьба

### FINISHING      PACKAGING

SIZES MISURE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000			
				

<b>NEW</b>	M 3 x 5	112,00	24.000 (24)	4.000 (4)	1.000
<b>NEW</b>	6	105,00	24.000 (24)	4.000 (4)	1.000
<b>NEW</b>	8	103,00	24.000 (24)	4.000 (4)	1.000
<b>NEW</b>	10	97,50	24.000 (24)	4.000 (4)	1.000
<b>NEW</b>	12	96,50	12.000 (12)	4.000 (4)	1.000
<b>NEW</b>	14	103,60	12.000 (12)	4.000 (4)	1.000
<b>NEW</b>	16	107,30	12.000 (12)	4.000 (4)	1.000
<b>NEW</b>	18	110,50	12.000 (12)	4.000 (4)	1.000
<b>NEW</b>	20	115,90	12.000 (12)	4.000 (4)	1.000
<b>NEW</b>	25	131,50	8.000 (8)	4.000 (4)	1.000
<b>NEW</b>	30	138,00	6.000 (6)	2.000 (2)	1.000

<b>NEW</b>	M 4 x 6	50,00	12.000 (12)	4.000 (4)	1.000
<b>NEW</b>	8	50,00	12.000 (12)	4.000 (4)	1.000
<b>NEW</b>	10	39,00	12.000 (12)	4.000 (4)	1.000
<b>NEW</b>	12	36,50	8.000 (8)	4.000 (4)	1.000
<b>NEW</b>	14	38,50	8.000 (8)	4.000 (4)	1.000
<b>NEW</b>	16	36,00	8.000 (8)	4.000 (4)	1.000
<b>NEW</b>	18	37,50	6.000 (6)	2.000 (2)	1.000
<b>NEW</b>	20	37,50	6.000 (6)	2.000 (2)	1.000
<b>NEW</b>	25	42,00	4.000 (4)	2.000 (2)	1.000
<b>NEW</b>	30	44,50	4.000 (4)	2.000 (2)	1.000
<b>NEW</b>	35	51,50	3.000 (6)	1.000 (2)	500
<b>NEW</b>	40	58,00	3.000 (6)	1.000 (2)	500
<b>NEW</b>	45	65,50	2.000 (4)	1.000 (2)	500
<b>NEW</b>	50	80,00	2.000 (4)	1.000 (2)	500
<b>NEW</b>	55	174,00	1.600 (8)	800 (4)	200
<b>NEW</b>	60	174,00	1.600 (8)	800 (4)	200

	M 5 x 8	55,50	6.000 (12)	2.000 (4)	500
	10	50,00	6.000 (12)	2.000 (4)	500
	12	45,50	6.000 (12)	2.000 (4)	500
	14	45,00	6.000 (12)	2.000 (4)	500
	16	44,00	6.000 (12)	2.000 (4)	500
	18	45,00	4.000 (8)	2.000 (4)	500
	20	45,00	4.000 (8)	2.000 (4)	500
	25	50,50	4.000 (8)	2.000 (4)	500
	30	54,00	3.000 (6)	1.000 (2)	500
	35	58,50	3.000 (6)	1.000 (2)	500
	40	70,50	3.000 (6)	1.000 (2)	500
	45	82,50	2.000 (4)	1.000 (2)	500
	50	94,50	2.000 (4)	1.000 (2)	500

### FINISHING      PACKAGING

SIZES MISURE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000			
				

	M 6 x 8	51,50	6.000 (12)	2.000 (4)	500
	10	51,50	4.000 (8)	2.000 (4)	500
	12	46,50	4.000 (8)	2.000 (4)	500
	14	45,50	4.000 (8)	2.000 (4)	500
	16	48,50	3.000 (6)	1.000 (2)	500
	18	55,50	3.000 (6)	1.000 (2)	500
	20	55,50	3.000 (6)	1.000 (2)	500
	25	61,50	3.000 (6)	1.000 (2)	500
	30	69,50	2.000 (4)	1.000 (2)	500
	35	74,00	1.600 (8)	800 (4)	200
	40	82,00	1.600 (8)	800 (4)	200
	45	89,50	1.600 (8)	800 (4)	200
	50	89,50	1.200 (6)	400 (2)	200
	55	122,50	1.200 (6)	400 (2)	200
	60	136,00	1.200 (6)	400 (2)	200
	65	145,00	1.200 (6)	400 (2)	200
	70	174,00	1.200 (6)	400 (2)	200
	75	199,50	800 (4)	400 (2)	200
	80	224,50	800 (4)	400 (2)	200
	90	226,00	800 (4)	400 (2)	200
	100	228,50	800 (4)	400 (2)	200

	M 8 x 10	93,00	2.400 (12)	800 (4)	200
	12	90,00	2.400 (12)	800 (4)	200
	14	89,00	1.600 (8)	800 (4)	200
	16	89,00	1.600 (8)	800 (4)	200
	18	98,50	1.600 (8)	800 (4)	200
	20	98,50	1.600 (8)	800 (4)	200
	25	110,00	1.200 (6)	400 (2)	200
	30	121,50	1.200 (6)	400 (2)	200
	35	134,00	1.200 (6)	400 (2)	200
	40	146,00	800 (4)	400 (2)	200
	45	159,50	800 (4)	400 (2)	200
	50	170,50	800 (4)	400 (2)	200
	55	183,00	800 (4)	400 (2)	200
	60	201,00	600 (6)	200 (2)	100
	65	227,00	600 (6)	200 (2)	100
	70	258,00	600 (6)	200 (2)	100
	75	279,00	600 (6)	200 (2)	100
	80	297,50	600 (6)	200 (2)	100
	90	338,00	400 (4)	200 (2)	100
	100	391,00	400 (4)	200 (2)	100
	110	417,00	400 (4)	200 (2)	100
	120	476,00	400 (4)	200 (2)	100

# 93380

TE FT



FINISHING		PACKAGING		
SIZES MISURE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
<b>M 10 x 14</b>	190,00	1.200 (6)	400 (2)	200
<b>16</b>	176,50	1.200 (6)	400 (2)	200
<b>18</b>	191,00	800 (4)	400 (2)	200
<b>20</b>	191,00	800 (4)	400 (2)	200
<b>25</b>	207,50	800 (4)	400 (2)	200
<b>30</b>	226,00	800 (4)	400 (2)	200
<b>35</b>	242,50	600 (6)	200 (2)	100
<b>40</b>	257,50	600 (6)	200 (2)	100
<b>45</b>	277,50	600 (6)	200 (2)	100
<b>50</b>	293,50	400 (4)	200 (2)	100
<b>55</b>	311,50	400 (4)	200 (2)	100
<b>60</b>	334,00	400 (4)	200 (2)	100
<b>65</b>	371,00	400 (4)	200 (2)	100
<b>70</b>	403,50	400 (4)	200 (2)	100
<b>75</b>	428,50	400 (4)	200 (2)	100
<b>80</b>	463,50	300 (6)	100 (2)	50
<b>90</b>	549,50	300 (6)	100 (2)	50
<b>100</b>	637,00	300 (6)	100 (2)	50
<b>120</b>	1.167,20	300 (6)	100 (2)	50
<b>140</b>	1.775,60	300 (6)	100 (2)	50
<b>M 12 x 16</b>	251,00	800 (8)	400 (4)	100
<b>18</b>	273,00	600 (6)	200 (2)	100
<b>20</b>	273,00	600 (6)	200 (2)	100
<b>25</b>	298,00	600 (6)	200 (2)	100
<b>30</b>	325,00	400 (4)	200 (2)	100
<b>35</b>	349,00	400 (4)	200 (2)	100
<b>40</b>	370,00	400 (4)	200 (2)	100
<b>45</b>	399,00	400 (4)	200 (2)	100
<b>50</b>	421,50	300 (6)	100 (2)	50
<b>55</b>	448,00	300 (6)	100 (2)	50
<b>60</b>	472,50	300 (6)	100 (2)	50
<b>65</b>	533,00	300 (6)	100 (2)	50
<b>70</b>	579,50	200 (4)	100 (2)	50
<b>75</b>	615,50	200 (4)	100 (2)	50
<b>80</b>	666,00	200 (4)	100 (2)	50
<b>90</b>	762,00	200 (4)	100 (2)	50
<b>100</b>	882,00	200 (4)	100 (2)	50

FINISHING		PACKAGING		
SIZES MISURE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
<b>M 14 x 20</b>	489,50	400 (4)	200 (2)	100
<b>25</b>	508,50	400 (4)	200 (2)	100
<b>30</b>	511,50	300 (6)	100 (2)	50
<b>35</b>	540,50	300 (6)	100 (2)	50
<b>40</b>	575,00	300 (6)	100 (2)	50
<b>45</b>	611,50	300 (6)	100 (2)	50
<b>50</b>	644,00	200 (4)	100 (2)	50
<b>55</b>	674,50	200 (4)	100 (2)	50
<b>60</b>	704,00	200 (4)	100 (2)	50
<b>65</b>	749,00	200 (4)	100 (2)	50
<b>70</b>	790,50	200 (4)	100 (2)	50
<b>75</b>	851,50	150 (6)	50 (2)	25
<b>80</b>	899,00	150 (6)	50 (2)	25
<b>90</b>	1.041,00	150 (6)	50 (2)	25
<b>100</b>	1.227,00	150 (6)	50 (2)	25
<b>M 16 x 20</b>	619,50	300 (6)	100 (2)	50
<b>25</b>	623,00	300 (6)	100 (2)	50
<b>30</b>	626,50	200 (4)	100 (2)	50
<b>35</b>	670,00	200 (4)	100 (2)	50
<b>40</b>	691,00	200 (4)	100 (2)	50
<b>45</b>	738,50	200 (4)	100 (2)	50
<b>50</b>	776,50	200 (8)	100 (4)	25
<b>55</b>	824,00	150 (6)	50 (2)	25
<b>60</b>	892,50	150 (6)	50 (2)	25
<b>65</b>	967,00	150 (6)	50 (2)	25
<b>70</b>	1.019,50	150 (6)	50 (2)	25
<b>75</b>	1.099,50	150 (6)	50 (2)	25
<b>80</b>	1.180,00	100 (4)	50 (2)	25
<b>90</b>	1.302,00	100 (4)	50 (2)	25
<b>100</b>	1.480,50	100 (4)	50 (2)	25
<b>M 18 x 40</b>	1.190,50	150 (6)	50 (2)	25
<b>45</b>	1.256,50	150 (6)	50 (2)	25
<b>50</b>	1.329,50	100 (4)	50 (2)	25
<b>55</b>	1.393,50	100 (4)	50 (2)	25
<b>60</b>	1.482,00	100 (4)	50 (2)	25
<b>65</b>	1.618,50	100 (4)	50 (2)	25
<b>70</b>	1.697,00	100 (4)	50 (2)	25
<b>75</b>	1.838,50	100 (4)	50 (2)	25
<b>80</b>	1.875,50	100 (4)	50 (2)	25
<b>90</b>	2.173,50	100 (4)	50 (2)	25
<b>100</b>	2.457,00	100 (4)	50 (2)	25

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS






BITS





# 93380

## TE FT



### SCREWS HEXAGON HEAD WITH FULL THREAD

-  Viti testa esagonale tutto filetto
-  Sechskantkopfschrauben Vollgewinde
-  Vis tête hexagonale filetage total
-  Tornillos cabeza hexagonal rosca total
-  Винты шестигранная головка полная резьба

		FINISHING	PACKAGING		
					
		<b>SIZES MISURE</b>	<b>€/ 1.000</b>		
<b>NEW</b>	<b>M 20 x 30</b>	1.155,00	150 (6)	50 (2)	25
	<b>35</b>	1.137,50	150 (6)	50 (2)	25
	<b>40</b>	1.190,50	100 (4)	50 (2)	25
	<b>45</b>	1.256,50	100 (4)	50 (2)	25
	<b>50</b>	1.329,50	100 (4)	50 (2)	25
	<b>55</b>	1.393,50	100 (4)	50 (2)	25
	<b>60</b>	1.482,00	100 (4)	50 (2)	25
	<b>65</b>	1.618,50	100 (4)	50 (2)	25
	<b>70</b>	1.697,00	100 (4)	50 (2)	25
	<b>75</b>	1.838,50	100 (4)	50 (2)	25
	<b>80</b>	1.875,50	100 (4)	50 (2)	25
	<b>90</b>	2.173,50	100 (4)	50 (2)	25
	<b>100</b>	2.457,00	50 (2)	50 (2)	25
	<b>M 22 x 60</b>	2.292,00	80 (8)	40 (4)	10
	<b>65</b>	2.584,00	60 (6)	20 (2)	10
	<b>70</b>	2.736,00	60 (6)	20 (2)	10
	<b>75</b>	2.879,50	60 (6)	20 (2)	10
	<b>80</b>	3.048,00	60 (6)	20 (2)	10
	<b>90</b>	3.333,00	40 (4)	20 (2)	10
	<b>100</b>	3.740,50	40 (4)	20 (2)	10
	<b>M 24 x 60</b>	2.292,00	60 (6)	20 (2)	10
	<b>65</b>	2.584,00	60 (6)	20 (2)	10
	<b>70</b>	2.736,00	60 (6)	20 (2)	10
	<b>75</b>	2.879,50	60 (6)	20 (2)	10
	<b>80</b>	3.048,00	60 (6)	20 (2)	10
	<b>90</b>	3.333,00	40 (4)	20 (2)	10
	<b>100</b>	3.740,50	40 (4)	20 (2)	10
<b>NEW</b>	<b>M 27 x 60</b>	3.695,00	40 (4)	20 (2)	10
<b>NEW</b>	<b>70</b>	4.033,50	40 (4)	20 (2)	10
<b>NEW</b>	<b>80</b>	4.370,50	40 (4)	20 (2)	10
<b>NEW</b>	<b>90</b>	4.833,50	40 (4)	20 (2)	10
<b>NEW</b>	<b>100</b>	5.254,00	40 (4)	20 (2)	10
<b>NEW</b>	<b>M 30 x 60</b>	4.818,00	40 (4)	20 (2)	10
<b>NEW</b>	<b>70</b>	5.499,00	40 (4)	20 (2)	10
<b>NEW</b>	<b>80</b>	5.898,00	40 (4)	20 (2)	10
<b>NEW</b>	<b>90</b>	6.341,00	40 (4)	20 (2)	10
<b>NEW</b>	<b>100</b>	7.043,50	40 (4)	20 (2)	10



# 93180

TE PT



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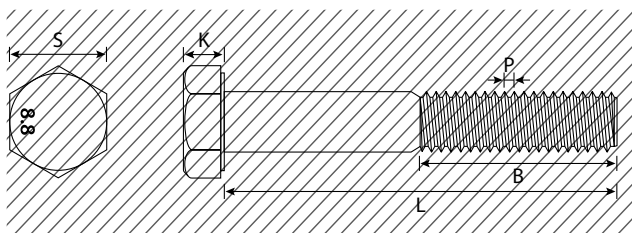
MORE INFO ON PAGE 14

DIN 931 • Uni 5737 • ~ Iso 4014



## SCREWS HEXAGON HEAD WITH PARTIAL THREAD

- Viti testa esagonale filetto parziale
- Sechskantkopfschrauben Teilgewinde
- Vis tête hexagonale filetage partiel
- Tornillos cabeza hexagonal rosca parcial
- Винты шестигранная головка и частичная резьба



Diameters Diametri	Limits Limiti	K	S	B L<125	B L=125-200	P
M 5	Min.	3,50	-	16,00	-	~ 0,80
	Max	8,00	-	-	-	-
M 6	Min.	4,00	-	18,00	-	~ 1,00
	Max	10,00	-	-	-	-
M 8	Min.	5,50	-	22,00	28,00	~ 1,25
	Max	13,00	-	-	-	-
M 10*	Min.	6,40	-	26,00	32,00	~ 1,50
	Max	17,00	-	-	-	-
M 12*	Min.	7,50	-	30,00	36,00	~ 1,75
	Max	19,00	-	-	-	-

Diameters Diametri	Limits Limiti	K	S	B L<125	B L=125-200	P
M 14*	Min.	8,80	-	34,00	40,00	~ 2,00
	Max	22,00	-	-	-	-
M 16	Min.	10,00	-	38,00	44,00	~ 2,00
	Max	24,00	-	-	-	-
M 18	Min.	11,50	-	42,00	48,00	~ 2,50
	Max	27,00	-	-	-	-
M 20	Min.	12,50	-	46,00	52,00	~ 2,50
	Max	30,00	-	-	-	-

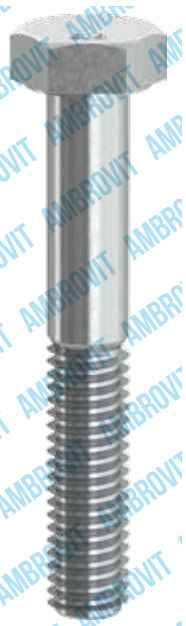
## CL. 8.8

- **High tensile Steel**  
Acciaio ad alta resistenza
- **Class 8.8 steel**  
Acciaio Classe 8.8
- **Tensile Strength: 800 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 800 N/mm<sup>2</sup>
- **Elastic limit: 640 N/mm<sup>2</sup>**  
Limite di elasticità: 640 N/mm<sup>2</sup>
- **Min. elongation: 12%**  
Allungamento min: 12%






\* Wrench (S) in according to the international standard DIN which differs from Iso standard.  
Chiave (S) in accordo alla normativa internazionale DIN la quale differisce dalla Iso.

# 93180

TE PT



## SCREWS HEXAGON HEAD WITH PARTIAL THREAD

-  Viti testa esagonale filetto parziale
-  Sechskantkopfschrauben Teilgewinde
-  Vis tête hexagonale filetage partiel
-  Tornillos cabeza hexagonal rosca parcial
-  Винты шестигранная головка и частичная резьба

	FINISHING	PACKAGING		
SIZES MISURE	 TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
M 5 x 25	64,00	4.000 (8)	2.000 (4)	500
30	59,50	3.000 (6)	1.000 (2)	500
35	65,50	3.000 (6)	1.000 (2)	500
40	77,50	3.000 (6)	1.000 (2)	500
45	84,00	2.000 (4)	1.000 (2)	500
50	96,50	2.000 (4)	1.000 (2)	500
55	113,00	2.000 (4)	1.000 (2)	500
60	131,00	1.200 (6)	400 (2)	200
M 6 x 30	77,00	2.000 (4)	1.000 (2)	500
35	81,00	2.400 (12)	800 (4)	200
40	89,00	1.600 (8)	800 (4)	200
45	98,00	1.600 (8)	800 (4)	200
50	107,50	1.200 (6)	400 (2)	200
55	117,50	1.200 (6)	400 (2)	200
60	127,50	1.200 (6)	400 (2)	200
65	149,00	1.200 (6)	400 (2)	200
70	161,00	1.200 (6)	400 (2)	200
75	182,50	800 (4)	400 (2)	200
80	197,50	800 (4)	400 (2)	200
85	256,00	800 (4)	400 (2)	200
90	256,00	800 (4)	400 (2)	200
100	326,00	800 (4)	400 (2)	200
<b>NEW</b> 120	422,00	400 (4)	200 (2)	100
M 8 x 30	133,50	1.200 (6)	400 (2)	200
35	145,50	1.200 (6)	400 (2)	200
40	156,00	800 (4)	400 (2)	200
45	168,00	800 (4)	400 (2)	200
50	179,00	800 (4)	400 (2)	200
55	192,00	600 (6)	200 (2)	100
60	203,50	600 (6)	200 (2)	100
65	231,00	600 (6)	200 (2)	100
70	254,00	600 (6)	200 (2)	100
75	281,00	600 (6)	200 (2)	100
80	307,00	600 (6)	200 (2)	100
85	359,00	400 (4)	200 (2)	100
90	386,00	400 (4)	200 (2)	100
100	456,00	400 (4)	200 (2)	100
110	485,50	400 (4)	200 (2)	100
120	553,00	400 (4)	200 (2)	100
130	601,00	400 (4)	200 (2)	100
140	654,00	400 (4)	200 (2)	100
150	715,50	400 (4)	200 (2)	100
<b>NEW</b> 160	784,00	400 (4)	200 (2)	100

	FINISHING	PACKAGING		
SIZES MISURE	 TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
M 10 x 35	288,00	600 (6)	200 (2)	100
40	300,50	600 (6)	200 (2)	100
45	297,50	600 (6)	200 (2)	100
50	317,00	400 (4)	200 (2)	100
55	336,00	400 (4)	200 (2)	100
60	361,50	400 (4)	200 (2)	100
65	403,50	400 (8)	200 (4)	50
70	435,00	300 (6)	100 (2)	50
75	469,50	300 (6)	100 (2)	50
80	500,00	300 (6)	100 (2)	50
85	531,00	300 (6)	100 (2)	50
90	563,00	300 (6)	100 (2)	50
100	659,50	300 (6)	100 (2)	50
110	769,00	200 (4)	100 (2)	50
120	830,50	200 (4)	100 (2)	50
130	926,00	200 (4)	100 (2)	50
140	1.057,00	150 (6)	50 (2)	25
150	1.154,00	150 (6)	50 (2)	25
160	1.262,50	150 (6)	50 (2)	25
170	1.530,00	150 (6)	50 (2)	25
180	1.530,00	150 (6)	50 (2)	25
M 12 x 40	422,00	300 (6)	100 (2)	50
45	420,00	300 (6)	100 (2)	50
50	448,00	300 (6)	100 (2)	50
55	479,50	300 (6)	100 (2)	50
60	516,00	300 (6)	100 (2)	50
65	568,00	300 (6)	100 (2)	50
70	613,00	200 (4)	100 (2)	50
75	662,00	200 (4)	100 (2)	50
80	706,00	200 (4)	100 (2)	50
85	795,00	200 (4)	100 (2)	50
90	795,00	200 (4)	100 (2)	50
100	930,50	200 (4)	100 (2)	50
110	1.048,50	150 (6)	50 (2)	25
120	1.134,00	150 (6)	50 (2)	25
130	1.321,50	150 (6)	50 (2)	25
140	1.487,50	150 (6)	50 (2)	25
150	1.620,00	150 (6)	50 (2)	25
160	1.769,00	150 (6)	50 (2)	25
170	2.137,50	150 (6)	50 (2)	25
180	2.137,50	100 (4)	50 (2)	25

# 93180

TE PT

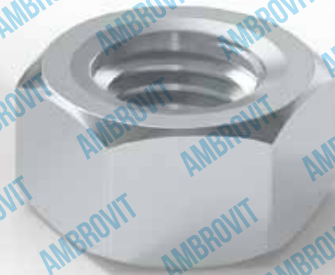
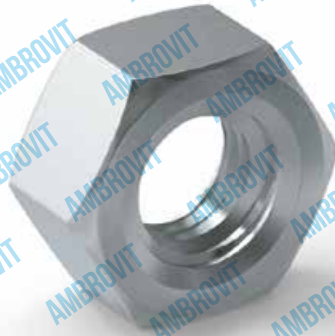
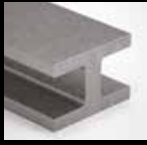


SIZES MISURE	FINISHING		PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000				
M 14 x 45	805,00	300 (6)	100 (2)	50	
50	803,50	200 (4)	100 (2)	50	
55	792,00	200 (4)	100 (2)	50	
60	808,00	200 (4)	100 (2)	50	
65	830,50	200 (4)	100 (2)	50	
70	881,50	150 (6)	50 (2)	25	
75	932,00	150 (6)	50 (2)	25	
80	982,00	150 (6)	50 (2)	25	
85	1.067,00	150 (6)	50 (2)	25	
90	1.067,00	150 (6)	50 (2)	25	
100	1.151,00	150 (6)	50 (2)	25	
110	1.347,00	150 (6)	50 (2)	25	
120	1.552,00	100 (4)	50 (2)	25	
130	1.680,50	100 (4)	50 (2)	25	
140	1.868,50	100 (4)	50 (2)	25	
150	2.080,00	100 (4)	50 (2)	25	
160	2.243,00	100 (4)	50 (2)	25	
170	2.631,00	100 (4)	50 (2)	25	
180	2.631,00	100 (4)	50 (2)	25	
M 16 x 50	875,50	200 (8)	100 (4)	25	
55	881,50	150 (6)	50 (2)	25	
60	927,50	150 (6)	50 (2)	25	
65	979,00	150 (6)	50 (2)	25	
70	1.039,00	150 (6)	50 (2)	25	
75	1.131,50	150 (6)	50 (2)	25	
80	1.148,50	100 (4)	50 (2)	25	
85	1.267,00	100 (4)	50 (2)	25	
90	1.267,00	100 (4)	50 (2)	25	
100	1.401,50	100 (4)	50 (2)	25	
110	1.521,00	100 (4)	50 (2)	25	
120	1.680,50	100 (4)	50 (2)	25	
130	1.817,00	100 (4)	50 (2)	25	
140	2.235,50	100 (4)	50 (2)	25	
150	2.380,50	100 (4)	50 (2)	25	
160	2.660,00	50 (2)	-	25	
170	3.262,00	50 (2)	-	25	
180	3.262,00	50 (2)	-	25	
190	3.827,00	50 (2)	-	25	
200	3.827,00	50 (2)	-	25	

SIZES MISURE	FINISHING		PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000				
<b>NEW</b> M 18 x 60	1.653,00	100 (4)	50 (2)	25	
<b>NEW</b> 70	1.792,00	100 (4)	50 (2)	25	
<b>NEW</b> 80	1.963,00	100 (4)	50 (2)	25	
<b>NEW</b> 90	2.147,50	100 (4)	50 (2)	25	
<b>NEW</b> 100	2.370,50	100 (4)	50 (2)	25	
<b>NEW</b> 120	2.813,00	50 (2)	25 (1)	25	
<b>NEW</b> 140	3.610,00	50 (2)	25 (1)	25	
<b>NEW</b> 150	4.088,00	50 (2)	25 (1)	25	
<b>NEW</b> 160	4.627,50	50 (2)	25 (1)	25	
<b>NEW</b> 180	5.485,00	40 (4)	20 (2)	10	
<b>NEW</b> 200	6.303,50	40 (4)	20 (2)	10	
<b>NEW</b> M 20 x 60	1.653,00	100 (4)	50 (2)	25	
<b>NEW</b> 70	1.792,00	100 (4)	50 (2)	25	
<b>NEW</b> 80	1.963,00	100 (4)	50 (2)	25	
<b>NEW</b> 90	2.147,50	50 (2)	25 (1)	25	
<b>NEW</b> 100	2.370,50	50 (2)	25 (1)	25	
<b>NEW</b> 120	2.813,00	50 (2)	25 (1)	25	
<b>NEW</b> 140	3.610,00	50 (2)	25 (1)	25	
<b>NEW</b> 150	4.088,00	50 (2)	25 (1)	25	
<b>NEW</b> 160	4.627,50	40 (4)	20 (2)	10	
<b>NEW</b> 180	5.485,00	40 (4)	20 (2)	10	
<b>NEW</b> 200	6.303,50	40 (4)	20 (2)	10	
<b>NEW</b> 220	7.328,00	40 (4)	20 (2)	10	

# 93480

DE



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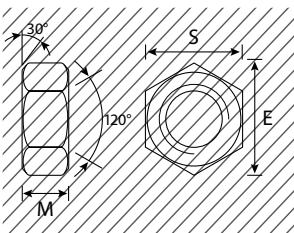
MORE INFO ON PAGE 14

DIN 934 • Uni 5588

TG 51 BASE  
Zinc Cr3 3µm  
24 hr  
RoHS compliant

## HEXAGON NUTS COARSE THREAD

-  Dadi esagonali passo grosso
-  Sechskantmuttern Grobgewinde
-  Écrous hexagonaux pas gros
-  Tuercas hexagonales de rosca gruesa
-  Гайки шестигранные с крупной резьбой



Diameters Diametri	Limits Limiti	E	M	S	P
M 3	Min.	6,01	2,15	-	~ 0,50
	Max	-	2,40	5,50	-
M 4	Min.	7,66	2,90	-	~ 0,70
	Max	-	3,20	7,00	-
M 5	Min.	8,79	3,70	-	~ 0,80
	Max	-	4,00	8,00	-
M 6	Min.	11,05	4,70	-	~ 1,00
	Max	-	5,00	10,00	-
M 8	Min.	14,38	6,14	-	~ 1,25
	Max	-	6,50	13,00	-
M 10	Min.	18,90	7,64	-	~ 1,50
	Max	-	8,00	17,00	-
M 12	Min.	21,10	9,64	-	~ 1,75
	Max	-	10,00	19,00	-
M 14	Min.	24,49	10,30	-	~ 2,00
	Max	-	11,00	22,00	-

Diameters Diametri	Limits Limiti	E	M	S	P
M 16	Min.	26,75	12,30	-	~ 2,00
	Max	-	13,00	24,00	-
M 18	Min.	29,56	14,30	-	~ 2,50
	Max	-	15,00	27,00	-
M 20	Min.	32,95	14,90	-	~ 2,50
	Max	-	16,00	30,00	-
M 22	Min.	35,03	16,90	-	~ 2,50
	Max	-	18,00	32,00	-
M 24	Min.	39,55	17,70	-	~ 3,00
	Max	-	19,00	36,00	-
M 27	Min.	45,20	20,70	-	~ 3,00
	Max	-	22,00	41,00	-
M 30	Min.	50,82	22,70	-	~ 3,50
	Max	-	24,00	46,00	-

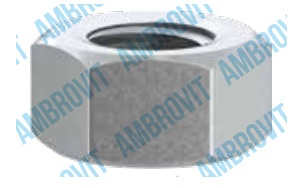
## CL. 8 (6S)






- **Medium tensile steel**  
Acciaio a media resistenza
- **Class 8 (6S) steel**  
Acciaio Classe 8 (6S)
- **Unit load test: 800 N/mm<sup>2</sup>**  
Carico unitario di prova: 800 N/mm<sup>2</sup>
- **Hardness load minimum: 89 HRB Min**  
Carico di durezza: 89 HRB Min



# 93480

DE



		FINISHING		PACKAGING		
SIZES MISURE						
		TG 0 PLAIN GREZZE €/ 1.000	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
SB	M 3	3,40	3,75	24.000 (24)	4.000 (4)	1.000
SB	M 4	4,80	5,30	24.000 (24)	4.000 (4)	1.000
SB	M 5	5,85	6,50	12.000 (24)	2.000 (4)	500
SB	M 6	9,80	10,90	6.000 (12)	2.000 (4)	500
SB	M 8	21,20	23,50	4.000 (8)	2.000 (4)	500
SB	M 10	46,00	51,00	1.600 (8)	800 (4)	200
SB	M 12	67,50	75,00	1.200 (6)	400 (2)	200
SB	M 14	97,00	107,50	800 (4)	400 (2)	200
SB	M 16	130,50	145,00	800 (4)	400 (2)	200
SB	M 18	198,00	220,00	400 (4)	200 (2)	100
SB	M 20	247,50	275,00	400 (4)	200 (2)	100
SB	M 22	324,00	360,00	200 (4)	100 (2)	50
SB	M 24	461,00	512,00	200 (4)	100 (2)	50
SB	M 27	742,50	825,00	100 (4)	50 (2)	25
SB	M 30	1.012,50	1.125,00	100 (4)	50 (2)	25

SB



AVAILABLE // DISPONIBILE

**SPECIAL BOX**Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

Page 50

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 93489

## DE HT








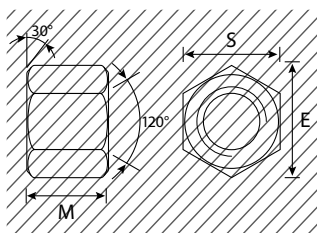
### NEW PRODUCT

### High type // Dado alto

## HEXAGON NUTS HIGH TYPE COARSE THREAD



-  Dadi esagonali alti a passo grosso
-  Sechskantmuttern hohe Form Grobgewinde
-  Écrous hexagonaux forme haute à pas gros
-  Tuercas hexagonales forma alta de rosca gruesa
-  Гайки шестигранные высокие с крупной резьбой



Diameters Diametri	Limits Limiti	E	M	S	P
<b>M 4</b>	Min. 7,74 Max -	4	7,00	~ 0,70	
<b>M 5</b>	Min. 8,87 Max -	5	8,00	~ 0,80	
<b>M 6</b>	Min. 11,05 Max -	6	-	~ 1,00	
<b>M 8</b>	Min. 14,39 Max -	8	13,00	~ 1,25	
<b>M 10</b>	Min. 18,90 Max -	10	17,00	~ 1,50	
<b>M 12</b>	Min. 21,10 Max -	12	19,00	~ 1,75	
<b>M 14</b>	Min. 24,49 Max -	14	22,00	~ 2,00	

Diameters Diametri	Limits Limiti	E	M	S	P
<b>M 16</b>	Min. 26,75 Max -	16	24,00	~ 2,00	
<b>M 18</b>	Min. 30,14 Max -	18	27,00	~ 2,50	
<b>M 20</b>	Min. 33,53 Max -	20	30,00	~ 2,50	
<b>M 22</b>	Min. 35,72 Max -	22	32,00	~ 2,50	
<b>M 24</b>	Min. 39,98 Max -	24	36,00	~ 3,00	
<b>M 27</b>	Min. 45,63 Max -	27	41,00	~ 3,00	
<b>M 30</b>	Min. 51,28 Max -	30	46,00	~ 3,50	

ALWAYS UP-TO-DATE WITH REGULATIONS



MORE INFO ON PAGE 14

Uni 5587

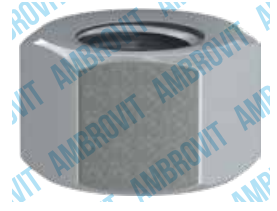




## CL. 8 (6S)

- **Medium tensile steel**  
Acciaio a media resistenza
- **Class 8 (6S) steel**  
Acciaio Classe 8 (6S)
- **Unit load test: 800 N/mm<sup>2</sup>**  
Carico unitario di prova: 800 N/mm<sup>2</sup>
- **Hardness load minimum: 89 HRB Min**  
Carico di durezza: 89 HRB Min

# 93489

DE HT



FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000				
M 4	7,00	10.000 (20)	2.000 (4)	500	
M 5	10,50	4.000 (20)	800 (4)	200	
M 6	14,00	4.000 (20)	800 (4)	200	
M 8	28,00	2.000 (10)	800 (4)	200	
M 10	63,00	1.000 (10)	400 (4)	100	
M 12	92,50	800 (8)	200 (2)	100	
M 14	145,00	500 (5)	200 (2)	100	
M 16	181,00	400 (4)	200 (2)	100	
M 18	300,00	250 (5)	100 (2)	50	
M 20	350,00	200 (4)	100 (2)	50	
M 22	500,00	125 (5)	50 (2)	25	
M 24	688,00	100 (4)	50 (2)	25	
M 27	1.188,00	80 (4)	40 (2)	20	
M 30	1.625,00	60 (3)	40 (2)	20	

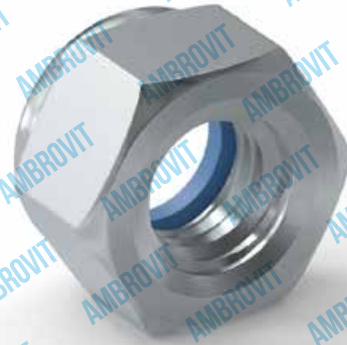
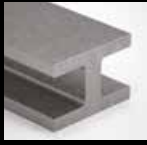
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 98580

## DE AB



ALWAYS UP-TO-DATE WITH REGULATIONS



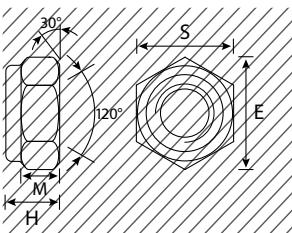
MORE INFO ON PAGE 14

DIN 985 • Uni 7474

TG 51 BASE  
Zinc Cr3 3µm  
24 hr  
RoHS compliant

### INSERT NYLON NUTS LOW TYPE COARSE THREAD

- Dadi autobloccanti/nylon bassi passo grosso
- Stopmuttern kleine Form Grobgewinde
- Écrous autofreines forme basse pas gros
- Tuercas autobloccantes forma baja de rosca gruesa
- Гайки стопорные с нейлоновым кольцом низкие с крупной резьбой



Diameters Diametri	Limits Limiti	H	M	S	E	P
M 4	Min.	4,70	2,90	-	7,66	~ 0,70
	Max	5,00	-	7,00	-	
M 5	Min.	4,70	3,20	-	8,79	~ 0,80
	Max	5,00	-	8,00	-	
M 6	Min.	5,70	4,00	-	11,05	~ 1,00
	Max	6,00	-	10,00	-	
M 8	Min.	7,64	5,50	-	14,38	~ 1,25
	Max	8,00	-	13,00	-	
M 10	Min.	9,64	6,50	-	18,90	~ 1,50
	Max	10,00	-	17,00	-	
M 12	Min.	11,57	8,00	-	21,10	~ 1,75
	Max	12,00	-	19,00	-	
M 14	Min.	13,30	9,50	-	24,49	~ 2,00
	Max	14,00	-	22,00	-	

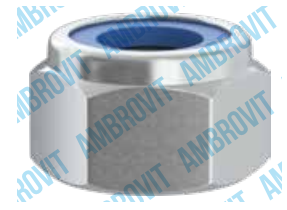
Diameters Diametri	Limits Limiti	H	M	S	E	P
M 16	Min.	15,30	10,50	-	26,75	~ 2,00
	Max	16,00	-	24,00	-	
M 18	Min.	17,68	13,00	-	29,56	~ 2,50
	Max	18,50	-	27,00	-	
M 20	Min.	18,70	14,00	-	32,95	~ 2,50
	Max	20,00	-	30,00	-	
M 22	Min.	20,70	15,00	-	35,03	~ 2,50
	Max	22,00	-	32,00	-	
M 24	Min.	22,70	15,00	-	39,55	~ 3,00
	Max	24,00	-	36,00	-	
M 27	Min.	25,70	17,00	-	45,02	~ 3,00
	Max	27,00	-	41,00	-	
M 30	Min.	28,70	19,00	-	50,85	~ 3,50
	Max	30,00	-	46,00	-	





### CL. 8 (6S)

- **Medium tensile steel**  
Acciaio a media resistenza
- **Class 8 (6S) steel**  
Acciaio Classe 8 (6S)
- **Hardness load minimum: 89 HRB Min**  
Carico di durezza: 89 HRB Min
- **Insert material: polyamide**  
Materiale inserto: polyamide

# 98580

DE AB



FINISHING		PACKAGING			
SIZES MISURE					
		T6 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
<b>SB</b>	M 4	11,90	24.000 (24)	4.000 (4)	1.000
<b>SB</b>	M 5	12,50	12.000 (24)	2.000 (4)	500
<b>SB</b>	M 6	15,30	6.000 (12)	2.000 (4)	500
<b>SB</b>	M 8	31,90	4.000 (8)	2.000 (4)	500
<b>SB</b>	M 10	71,00	1.600 (8)	800 (4)	200
<b>SB</b>	M 12	106,00	1.200 (6)	400 (2)	200
<b>SB</b>	M 14	165,00	800 (4)	400 (2)	200
<b>SB</b>	M 16	224,00	400 (4)	200 (2)	100
<b>SB</b>	M 18	344,00	400 (4)	200 (2)	100
<b>SB</b>	M 20	439,00	200 (4)	100 (2)	50
<b>SB</b>	M 22	570,00	200 (4)	100 (2)	50
<b>SB</b>	M 24	850,00	100 (4)	50 (2)	25
<b>SB</b>	M 27	1.660,00	100 (4)	50 (2)	25
<b>SB</b>	M 30	2.135,00	100 (4)	50 (2)	25

**SB**

AVAILABLE // DISPONIBILE  
**SPECIAL BOX**

Page 52

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

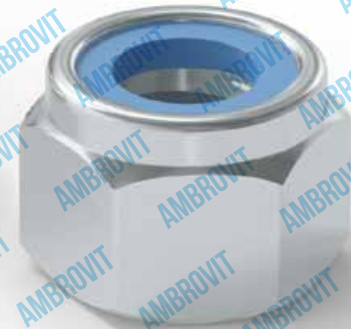
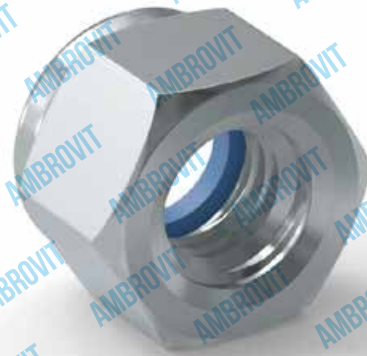
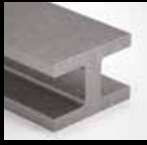
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 98280

## DE AA



ALWAYS UP-TO-DATE WITH REGULATIONS



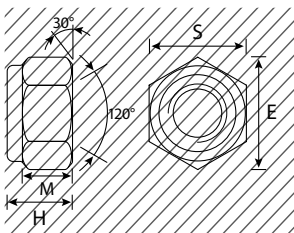
MORE INFO ON PAGE 14

DIN 982 • Uni 7473

TG 51 BASE  
Zinc Cr3 3µm  
24 hr  
RoHS compliant

### INSERT NYLON NUTS HIGH TYPE COARSE THREAD

- Dadi autobloccanti/nylon alti passo grosso
- Stopmuttern hohe Form Grobgewinde
- Écrous autofreines forme haute pas gros
- Tuercas autobloccantes forma alta de rosca gruesa
- Гайки самоконтрающиеся высокие с нейлоновым кольцом с крупной резьбой



Diameters Diametri	Limits Limiti	H	M	S	E	P
M 5	Min.	6,00	4,40	-	8,79	~ 0,80
	Max	6,30	-	8,00	-	
M 6	Min.	7,00	4,90	-	11,05	~ 1,00
	Max	8,00	-	10,00	-	
M 8	Min.	9,14	6,44	-	14,38	~ 1,25
	Max	9,50	-	13,00	-	
M 10	Min.	11,14	8,04	-	18,90	~ 1,50
	Max	11,50	-	17,00	-	
M 12	Min.	13,64	10,37	-	21,10	~ 1,75
	Max	14,00	-	19,00	-	
M 14	Min.	15,30	12,10	-	24,49	~ 2,00
	Max	16,00	-	22,00	-	
M 16	Min.	17,30	14,10	-	26,75	~ 2,00
	Max	18,00	-	24,00	-	

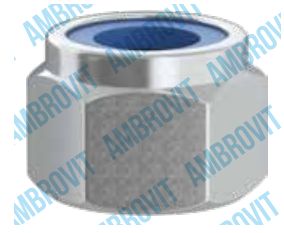
Diameters Diametri	Limits Limiti	H	M	S	E	P
M 18	Min.	19,16	15,10	-	29,56	~ 2,50
	Max	20,00	-	27,00	-	
M 20	Min.	20,70	16,90	-	32,95	~ 2,50
	Max	22,00	-	30,00	-	
M 22	Min.	23,70	18,10	-	35,03	~ 2,50
	Max	25,00	-	32,00	-	
M 24	Min.	26,70	20,20	-	39,55	~ 3,00
	Max	28,00	-	36,00	-	
* M 27 DIN 6924	Min.	29,40	22,50	-	45,20	~ 3,00
	Max	31,00	-	41,00	-	
* M 30 DIN 6924	Min.	31,00	24,30	-	50,85	~ 3,50
	Max	32,60	-	46,00	-	

### CL. 8 (6S)

- **Medium tensile steel**  
Acciaio a media resistenza
- **Class 8 (6S) steel**  
Acciaio Classe 8 (6S)
- **Hardness load minimum: 89 HRB Min**  
Carico di durezza: 89 HRB Min
- **Insert material: polyamide**  
Materiale inserto: polyamide

# 98280

## DE AA



FINISHING		PACKAGING			
SIZES MISURE					
		TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
SB	M 5	14,50	12.000 (24)	2.000 (4)	500
SB	M 6	21,60	6.000 (12)	2.000 (4)	500
SB	M 8	39,80	3.000 (6)	1.000 (2)	500
SB	M 10	83,50	1.200 (6)	400 (2)	200
SB	M 12	129,00	800 (4)	400 (2)	200
SB	M 14	189,00	800 (4)	400 (2)	200
SB	M 16	255,00	400 (4)	200 (2)	100
SB	M 18	370,00	400 (4)	200 (2)	100
SB	M 20	480,00	200 (4)	100 (2)	50
SB	M 22	800,00	200 (4)	100 (2)	50
SB	M 24	1.155,00	100 (4)	50 (2)	25
SB	* M 27	1.940,00	100 (4)	50 (2)	25
SB	* M 30	2.560,00	100 (4)	50 (2)	25

\* According to DIN 6924.  
In accordo a DIN 6924.

SB



AVAILABLE // DISPONIBILE  
**SPECIAL BOX**

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

Page 54

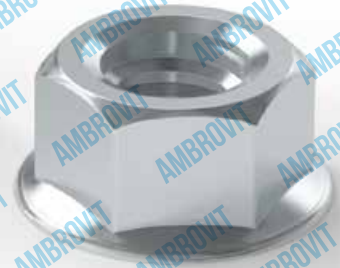
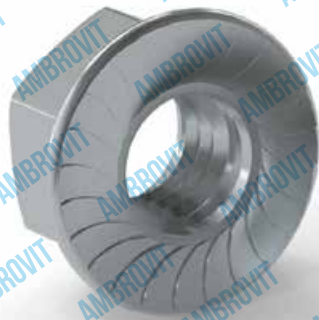
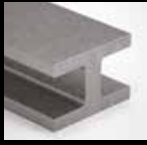
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 69238

DE FL



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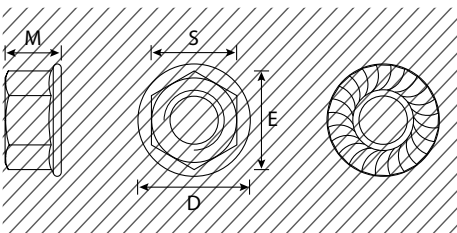
MORE INFO ON PAGE 14

DIN 6923



## HEXAGON FLANGE NUTS WITH SERRATION COARSE THREAD

-  Dadi esagonali flangiati dentellati passo grosso
-  Sechskantmuttern mit Flansch und Sperrverzahnung Grobgewinde
-  Écrous hexagonaux à embase crantée pas gros
-  Tuercas hexagonales con collar biselado de rosca gruesa
-  Шестигранные гайки с зубчатым фланцем с крупной резьбой



Diameters Diametri	Limits Limiti	M	D	S	E	P
M 4	Min.	4,20	9,60	6,78	7,66	~ 0,70
	Max	4,65	10,00	7,00	-	
M 5	Min.	4,70	9,80	7,78	8,79	~ 0,80
	Max	5,00	11,80	8,00	-	
M 6	Min.	5,70	12,20	9,78	11,03	~ 1,00
	Max	6,00	14,20	10,00	-	
M 8	Min.	7,60	15,80	12,73	14,38	~ 1,25
	Max	8,00	17,90	13,00	-	
M 10	Min.	9,60	19,60	14,73	16,64	~ 1,50
	Max	10,00	21,80	15,00	-	
M 12	Min.	11,60	23,80	17,73	20,03	~ 1,75
	Max	12,00	26,00	18,00	-	
M 16	Min.	15,30	31,90	23,67	26,75	~ 2,00
	Max	16,00	34,50	24,00	-	



## CL. 8 (6S)

- **Medium tensile steel**  
Acciaio a media resistenza
- **Class 8 (6S) steel**  
Acciaio Classe 8 (6S)
- **Hardness load minimum: 89 HRB Min**  
Carico di durezza: 89 HRB Min



# 69238

## DE FL

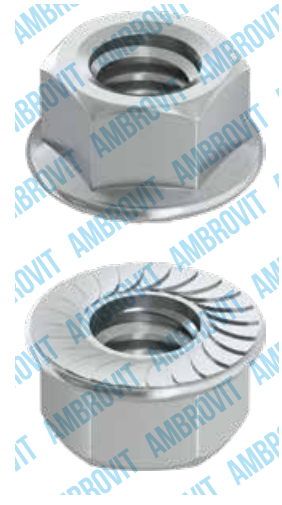
		FINISHING		PACKAGING		
		 T6 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000				
<b>SB</b>	M 4	11,95	12.000 (12)	4.000 (4)	1.000	
<b>SB</b>	M 5	15,00	6.000 (12)	2.000 (4)	500	
<b>SB</b>	M 6	18,00	6.000 (12)	2.000 (4)	500	
<b>SB</b>	M 8	39,00	3.000 (6)	1.000 (2)	500	
<b>SB</b>	M 10	64,00	1.200 (6)	400 (2)	200	
<b>SB</b>	M 12	116,00	800 (4)	400 (2)	200	
<b>SB</b>	M 16	290,00	400 (4)	200 (2)	100	

**SB**

AVAILABLE // DISPONIBILE

**SPECIAL BOX**

Page 56

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

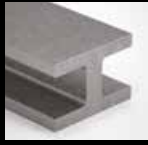
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 15870

## DE C



DIN 1587 • Uni 5721

ALWAYS UP-TO-DATE WITH REGULATIONS

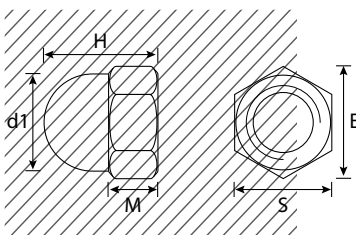


MORE INFO ON PAGE 14



### HEXAGON DOMED CAP NUTS

- Dadi ciechi
- Sechskant-Hutmuttern
- Écrous borgnes
- Tuercas ciegas
- Гайки колпачковые шестигранные



Diameters Diametri	Limits Limiti	S	M	H	d1	E
M 5	Min.	8,00	3,70	10,00	-	8,79
	Max	-	4,00	-	7,50	-
M 6	Min.	10,00	4,70	12,00	-	11,05
	Max	-	5,00	-	9,50	-
M 8	Min.	13,00	6,14	15,00	-	14,38
	Max	-	6,50	-	12,50	-
M 10	Min.	17,00	7,64	18,00	-	17,77
	Max	-	8,00	-	16,00	-
M 12	Min.	19,00	9,64	22,00	-	20,03
	Max	-	10,00	-	18,00	-

Diameters Diametri	Limits Limiti	S	M	H	d1	E
M 14	Min.	22,00	10,30	25,00	-	23,35
	Max	-	11,00	-	21,00	-
M 16	Min.	24,00	12,30	28,00	-	26,75
	Max	-	13,00	-	23,00	-
M 18	Min.	27,00	14,30	32,00	-	30,14
	Max	-	15,00	-	26,00	-
M 20	Min.	30,00	14,90	34,00	-	33,53
	Max	-	16,00	-	29,00	-

### LOW RES.

- **Low tensile steel**  
Acciaio a bassa resistenza
- **Hardness load minimum: 79 HRB Min**  
Carico di durezza: 79 HRB Min

# 15870

## DE C



		FINISHING			PACKAGING		
SIZES MISURE		TG 0 PLAIN GREZZE €/ 1.000	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 52 YELLOW ZNC Cr3 ZINC. GIALLE Cr3 €/ 1.000			
SB	M 5	29,70	33,00	38,00	8.000 (8)	4.000 (4)	1.000
SB	M 6	36,00	40,00	46,00	6.000 (6)	2.000 (2)	1.000
SB	M 8	69,50	77,50	89,50	2.000 (4)	1.000 (2)	500
SB	M 10	135,00	150,00	172,50	800 (4)	400 (2)	200
SB	M 12	197,00	219,00	252,00	800 (4)	400 (2)	200
SB	M 14	333,00	370,00	425,50	400 (4)	200 (2)	100
SB	M 16	396,00	440,00	506,00	400 (4)	200 (2)	100
SB	M 18	720,00	800,00	920,00	200 (4)	100 (2)	50
SB	M 20	1.098,00	1.220,00	1.403,00	200 (4)	100 (2)	50

SB



AVAILABLE // DISPONIBILE  
**SPECIAL BOX**

Page 58

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

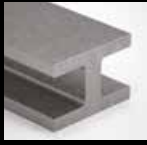
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

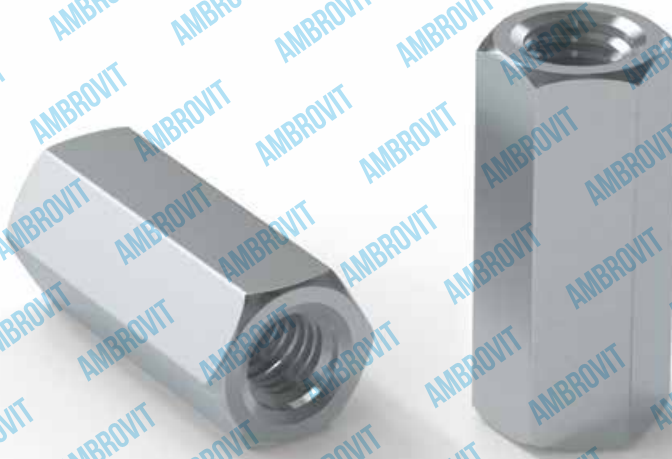
BITS

# 63348

## DE GZ

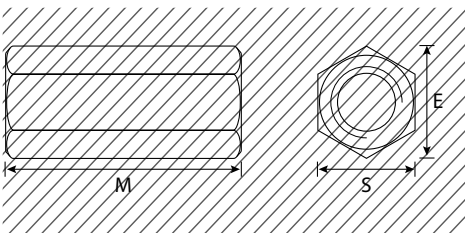


ALWAYS UP-TO-DATE WITH REGULATIONS

**DIN 6334 • Uni 5535****TG 51** BASE  
Znc Cr3 3µm  
24 hr  
RoHS compliant

## HEXAGON COUPLING NUTS

- Dadi esagonali di giunzione
- Verlängerungs-Sechskantmuttern
- Manchons hexagonaux de jonction
- Tuercas hexagonales de prolongación
- Гайки соединительные шестигранные



Diameters Diametri	E Min.	M Min.	M Max	S
M 5 x 8 x 20	8,79	18,75	21,25	8,00
M 6 x 10 x 20	11,05	18,75	21,25	10,00
M 6 x 10 x 30	11,05	28,75	31,25	10,00
M 6 x 10 x 40	11,05	38,75	41,25	10,00
M 8 x 13 x 20	14,38	18,75	21,25	13,00
M 8 x 13 x 30	14,38	28,75	31,25	13,00
M 8 x 13 x 40	14,38	38,75	41,25	13,00
M 10 x 17 x 20	18,90	18,75	21,25	17,00
M 10 x 17 x 30	18,90	28,75	31,25	17,00
M 10 x 17 x 40	18,90	38,75	41,25	17,00
M 12 x 19 x 30	21,10	28,75	31,25	19,00
M 12 x 19 x 40	21,10	38,75	41,25	19,00
M 14 x 21 x 30	23,35	28,75	31,25	21,00
M 14 x 21 x 40	23,35	38,75	41,25	21,00
M 16 x 24 x 30	26,75	28,75	31,25	24,00
M 16 x 24 x 40	26,75	38,75	41,25	24,00
M 16 x 24 x 50	26,75	48,75	51,25	24,00
M 18 x 27 x 55	29,56	53,75	56,25	27,00
M 20 x 30 x 50	32,95	48,75	51,25	30,00
M 20 x 30 x 60	32,95	58,75	61,25	30,00






## LOW RES.

- Low tensile steel  
Acciaio a bassa resistenza

# 63348

## DE GZ



		FINISHING		PACKAGING		
						
SIZES MISURE		TG 0 PLAIN GREUZE € / 1.000	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000			
SB	M 5 x 8 x 20	80,00	89,00	3.000 (6)	1.000 (2)	500
SB	M 6 x 10 x 20	87,50	97,00	1.600 (8)	800 (4)	200
SB	M 6 x 10 x 30	121,50	135,00	1.200 (6)	400 (2)	200
SB	M 6 x 10 x 40	176,50	196,00	800 (4)	400 (2)	200
SB	M 8 x 13 x 20	126,00	140,00	1.200 (12)	400 (4)	100
SB	M 8 x 13 x 30	218,00	242,00	800 (8)	400 (4)	100
SB	M 8 x 13 x 40	291,00	323,00	600 (6)	200 (2)	100
SB	M 10 x 17 x 20	261,00	290,00	600 (12)	200 (4)	50
SB	M 10 x 17 x 30	364,00	404,00	400 (8)	200 (4)	50
SB	M 10 x 17 x 40	500,50	556,00	300 (6)	100 (2)	50
SB	M 12 x 19 x 30	445,50	495,00	300 (6)	100 (2)	50
SB	M 12 x 19 x 40	531,00	590,00	200 (4)	100 (2)	50
SB	M 14 x 21 x 30	526,50	585,00	300 (6)	100 (2)	50
SB	M 14 x 21 x 40	688,50	765,00	200 (4)	100 (2)	50
SB	M 16 x 24 x 30	598,50	665,00	200 (8)	100 (4)	25
SB	M 16 x 24 x 40	850,50	945,00	150 (6)	50 (2)	25
SB	M 16 x 24 x 50	1.125,00	1.250,00	100 (4)	50 (2)	25
SB	M 18 x 27 x 55	1.539,00	1.710,00	100 (4)	50 (2)	25
SB	M 20 x 30 x 50	1.944,00	2.160,00	100 (4)	50 (2)	25
SB	M 20 x 30 x 60	2.160,00	2.400,00	100 (4)	50 (2)	25

SB



AVAILABLE // DISPONIBILE  
**SPECIAL BOX**

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

Page 60

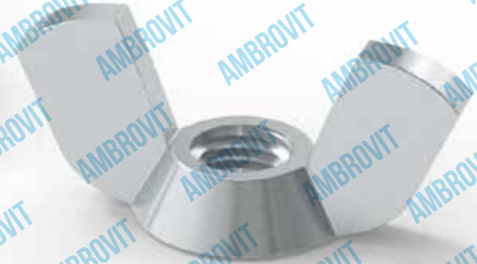
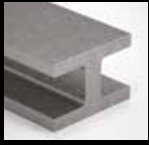
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 31500

DW



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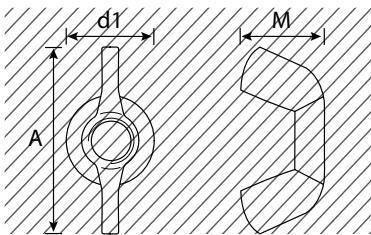
MORE INFO ON PAGE 14

~ DIN 315 • ~ Uni 5448



## WING NUTS (AMERICAN TYPE)

-  Dadi a galletto (tipo americano)
-  Flügelmuttern (amerikanische Form)
-  Écrous à oreilles (forme americaine)
-  Tuercas mariposas (tipo americano)
-  Гайки-барашек (форма американская)



Diameters Diametri	Limits Limiti	A	M	d1
M 3	Min.	21,00	9,00	8,00
	Max	-	10,50	9,20
M 4	Min.	21,00	9,00	8,00
	Max	-	10,50	9,20
M 5	Min.	21,00	9,00	8,00
	Max	-	10,50	9,20
M 6	Min.	25,00	10,20	9,00
	Max	-	12,30	11,10
M 8	Min.	27,00	11,80	11,40
	Max	-	13,40	13,30
M 10	Min.	34,00	15,00	15,50
	Max	-	15,50	16,50
M 12	Min.	43,00	19,00	18,00
	Max	-	20,00	18,80

## LOW RES.

-  Low tensile steel  
Acciaio a bassa resistenza

SIZES MISURE	FINISHING		PACKAGING	
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
M 3	60,00	6.000 (12)	2.000 (4)	500
M 4	55,00	6.000 (12)	2.000 (4)	500
M 5	58,00	4.800 (24)	800 (4)	200
M 6	70,00	2.400 (12)	800 (4)	200
M 8	85,00	2.400 (12)	800 (4)	200
M 10	115,00	1.200 (12)	400 (4)	100
M 12	250,00	800 (8)	400 (4)	100

# 15930

DE SH **TG51**

# 15937

DE SH A2 **S.S. A2**

**NEW**  
PRODUCT



**TG 51** BASE  
Zinc Cr3 3µm  
24 hr  
RoHS compliant



ALWAYS UP-TO-DATE WITH REGULATIONS  
**Cr3 FINISHING**  
MORE INFO ON PAGE 14  
**RoHS compliant**

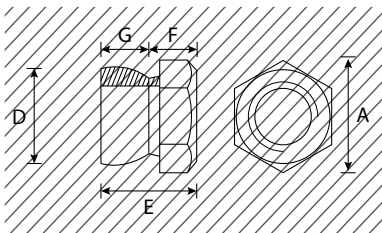


**TAMPER-PROOF**  
ANTIEFFRAZIONE



## BREAKAWAY SECURITY SHEAR NUTS

- Dadi a strappo con calotta bombata
- Abreißmuttern
- Écrous auto-cassants
- Tuercas de seguridad antirrobo
- Гайки отрывные антивандальные



Diameters Diametri	A	D	E	F	G	Carico di rottura N/m Proof load N/m
M 8	13,00	12,70	12,00	6,00	6,00	17 - 25
M 10	17,00	16,70	15,50	7,50	8,00	27-35



# 15930

**TG 51** BASE  
Zinc Cr3 3µm  
24 hr  
RoHS compliant



SIZES MISURE	FINISHING		PACKAGING	
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
M 8	580,00	1.000 (10)	400 (4)	100
M 10	700,00	500 (10)	200 (4)	50



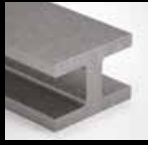
# 15937



SIZES MISURE	FINISHING		PACKAGING	
	S.S. A2 INOX A2 € / 1.000			
M 8	1.330,00	1.000 (20)	200 (4)	50
M 10	1.620,00	500 (20)	100 (4)	25

# 12500

RON



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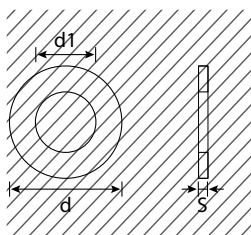


DIN 125-A • Uni 6592 • Iso 7089



## FLAT WASHERS

- Rondelle piane
- Unterlegscheiben
- Rondelles plates
- Arandelas planas
- Шайбы плоские



## CL. HV 100

- Steel**  
Acciaio
- Class HV 100 steel**  
Acciaio Classe HV 100

### FINISHING      PACKAGING



Diameters Diametri	Limits Limiti	d1	d	S
M 3	Min.	3,20	6,64	0,45
	Max	3,38	7,00	0,55
M 4	Min.	4,30	8,64	0,70
	Max	4,48	9,00	0,90
M 5	Min.	5,30	9,64	0,90
	Max	5,48	10,00	1,10
M 6	Min.	6,40	11,57	1,40
	Max	6,62	12,00	1,80
M 8	Min.	8,40	15,57	1,40
	Max	8,62	16,00	1,80
M 10	Min.	10,50	19,48	1,80
	Max	10,77	20,00	2,20
M 12	Min.	13,00	23,48	2,30
	Max	13,27	24,00	2,70
M 14	Min.	15,00	27,48	2,30
	Max	15,27	28,00	2,70

Diameters Diametri	Limits Limiti	d1	d	S
M 16	Min.	17,00	29,48	2,70
	Max	17,27	30,00	3,30
M 18	Min.	19,00	33,38	2,70
	Max	19,33	34,00	3,30
M 20	Min.	21,00	36,38	2,70
	Max	21,33	37,00	3,30
M 22	Min.	23,00	38,38	2,70
	Max	23,33	39,00	3,30
M 24	Min.	25,00	43,38	3,70
	Max	25,33	44,00	4,30
M 27	Min.	28,00	49,38	3,70
	Max	28,33	50,00	4,30
M 30	Min.	31,00	55,26	3,70
	Max	31,39	56,00	4,30

SIZES MISURE	€/ 1.000	48.000 (24)	8.000 (4)	2.000
M 3	2,45	48.000 (24)	8.000 (4)	2.000
M 4	3,00	48.000 (24)	8.000 (4)	2.000
M 5	4,20	24.000 (12)	8.000 (4)	2.000
M 6	6,55	24.000 (12)	8.000 (4)	2.000
M 8	10,80	12.000 (12)	4.000 (4)	1.000
M 10	20,60	6.000 (6)	2.000 (2)	1.000
M 12	37,70	4.000 (4)	2.000 (2)	1.000
M 14	58,00	2.000 (4)	1.000 (2)	500
M 16	61,90	2.000 (4)	1.000 (2)	500
M 18	81,60	800 (4)	400 (2)	200
M 20	98,50	800 (4)	400 (2)	200
M 22	110,00	800 (8)	400 (4)	100
M 24	180,00	400 (4)	200 (2)	100
M 27	260,00	400 (4)	200 (2)	100
M 30	300,00	400 (4)	200 (2)	100



# 90210

RON XL



ALWAYS UP-TO-DATE WITH REGULATIONS

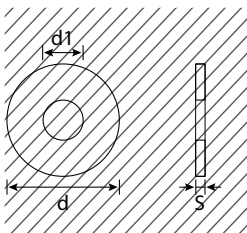


DIN 9021 • Uni 6593 • Iso 7093



## FLAT WASHERS - 3 TIMES THE DIAMETER

- Rondelle piane fascia larga 3 volte diametro
- Unterlegscheiben mit 3 x Aussendurchmesser
- Rondelles plates larges 3 x
- Arandelas anchas nominal 3 x
- Шайбы плоские широкие (наружный диаметр равен трем внутренним ее диаметрам)



## CL. HV 100

- Steel  
Acciaio
- Class HV 100 steel  
Acciaio Classe HV 100



Diameters Diametri	Limits Limiti	d1	d	S
M 3	Min.	3,20	8,64	0,70
	Max.	3,38	9,00	0,90
M 4	Min.	4,30	11,57	0,90
	Max.	4,48	12,00	1,10
M 5	Min.	5,30	14,57	1,00
	Max.	5,48	15,00	1,40
M 6	Min.	6,40	17,57	1,40
	Max.	6,62	18,00	1,80
M 8	Min.	8,40	23,48	1,80
	Max.	8,62	24,00	2,20

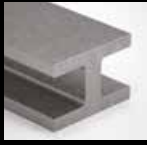
Diameters Diametri	Limits Limiti	d1	d	S
M 10	Min.	10,50	29,48	2,30
	Max.	10,77	30,00	2,70
M 12	Min.	13,00	36,38	2,70
	Max.	13,27	37,00	3,30
M 14	Min.	15,00	43,38	2,70
	Max.	15,27	44,00	3,30
M 16	Min.	17,00	49,38	2,70
	Max.	17,27	50,00	3,30
M 20	Min.	22,00	58,10	3,40
	Max.	22,52	60,00	4,60

SIZES MISURE	FINISHING		PACKAGING	
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000			
M 3 x 9	5,00	48.000 (24)	8.000 (4)	2.000
M 4 x 12	6,20	24.000 (12)	8.000 (4)	2.000
M 5 x 15	9,60	12.000 (6)	4.000 (2)	2.000
M 6 x 18	14,60	8.000 (4)	4.000 (2)	2.000
M 8 x 24	32,00	4.000 (4)	2.000 (2)	1.000
M 10 x 30	63,00	2.000 (4)	1.000 (2)	500
M 12 x 37	115,00	800 (4)	400 (2)	200
M 14 x 44	185,00	400 (4)	200 (2)	100
M 16 x 50	215,00	400 (4)	200 (2)	100
M 20 x 60	375,00	400 (4)	200 (2)	100

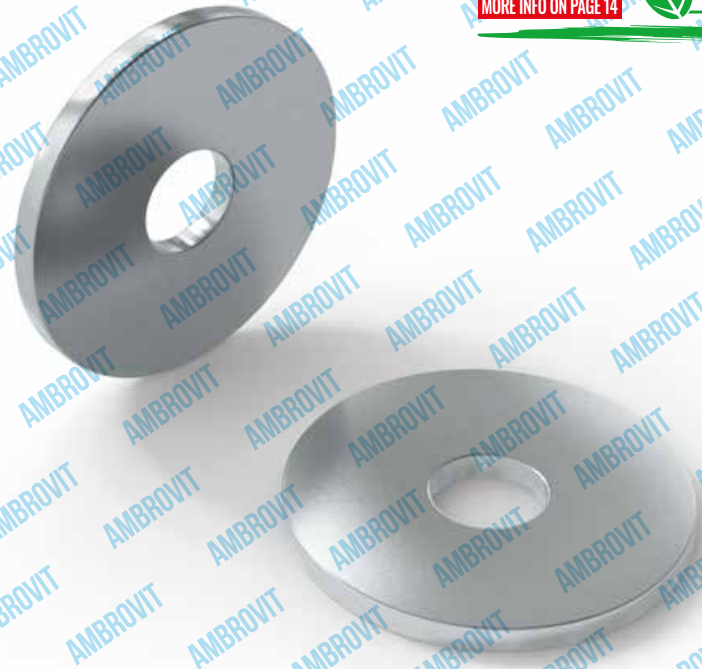
NEW

# 90410






## RON XXL

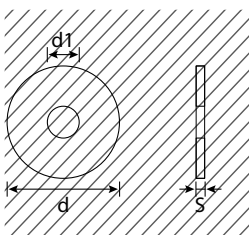


ALWAYS UP-TO-DATE WITH REGULATIONS



### FLAT WASHERS - 4 TIMES THE DIAMETER

-  Rondelle piane fascia larga 4 volte diametro
-  Unterlegscheiben mit 4 x Aussendurchmesser
-  Rondelles plates extra larges 4 x
-  Arandelas anchas nominal 4 x
-  Шайбы плоские широкие (наружный диаметр равен четырем внутренним ее диаметрам)







## CL. HV 100

-  Steel  
Acciaio
-  Class HV 100 steel  
Acciaio Classe HV 100

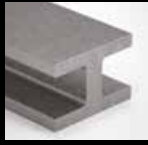


Diameters Diametri	Limits Limiti	d1	d	s
M 5	Min.	5,40	19,48	1,40
	Max	5,62	20,00	1,80
M 6	Min.	6,40	23,48	1,80
	Max	6,62	24,00	2,20
M 8	Min.	8,40	31,38	2,30
	Max	8,62	32,00	2,70
M 10	Min.	11,00	39,38	2,70
	Max	11,50	40,00	3,30
M 12	Min.	13,00	47,38	3,80
	Max	13,33	48,00	4,20
M 14	Min.	15,00	55,38	3,80
	Max	15,33	56,00	4,20
M 16	Min.	17,00	63,38	3,80
	Max	17,33	64,00	4,20

FINISHING		PACKAGING		
SIZES MISURE				
	M 5 x 20	21,50	6.000 (6)	2.000 (2)
M 6 x 24	33,50	4.000 (4)	2.000 (2)	1.000
M 8 x 32	75,00	2.000 (4)	1.000 (2)	500
M 10 x 40	135,00	800 (4)	400 (2)	200
M 12 x 48	260,00	400 (4)	200 (2)	100
M 14 x 56	440,00	400 (4)	200 (2)	100
M 16 x 64	550,00	400 (4)	200 (2)	100

# 12700

RON EL



ALWAYS UP-TO-DATE WITH REGULATIONS



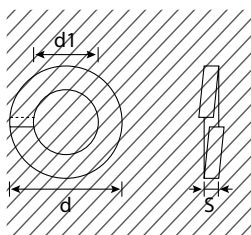
MORE INFO ON PAGE 14

DIN 127-B • Uni 1751



## ELASTIC WASHERS (GROWER TYPE)

- Rondelle elastiche
- Federringe
- Rondelles élastiques
- Arandelas elásticas
- Шайбы пружинные



## CL. HV 430

- Steel  
Acciaio
- Class HV 430 steel  
Acciaio Classe HV 430



Diameters Diametri	Limits Limiti	d1	d	s
M 5	Min.	5,10	-	1,10
	Max	5,40	9,20	1,30
M 6	Min.	6,10	-	1,50
	Max	6,50	11,80	1,70
M 8	Min.	8,10	-	1,90
	Max	8,50	14,80	2,10
M 10	Min.	10,20	-	2,05
	Max	10,70	18,10	2,35

Diameters Diametri	Limits Limiti	d1	d	s
M 12	Min.	12,20	-	2,35
	Max	12,70	21,10	2,65
M 14	Min.	14,20	-	2,85
	Max	14,70	24,10	3,15
M 16	Min.	16,20	-	3,30
	Max	17,00	27,40	3,70
M 20	Min.	20,20	-	3,80
	Max	21,20	33,60	4,20

### FINISHING      PACKAGING

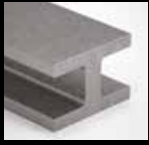
SIZES  
MISURE



SIZE	FINISHING	PACKAGING	FINISHING	PACKAGING
M 5	3,75	24.000 (12)	8.000 (4)	2.000
M 6	7,00	24.000 (12)	8.000 (4)	2.000
M 8	12,00	12.000 (12)	4.000 (4)	1.000
M 10	19,20	6.000 (6)	2.000 (2)	1.000
M 12	28,20	4.000 (4)	2.000 (2)	1.000
M 14	46,00	2.000 (4)	1.000 (2)	500
M 16	68,00	2.000 (4)	1.000 (2)	500
M 20	115,00	800 (4)	400 (2)	200

# 67989

RON IN



ALWAYS UP-TO-DATE WITH REGULATIONS



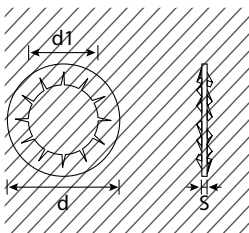
MORE INFO ON PAGE 14

DIN 6798-J • Uni 8842



## INTERNAL TOOTH LOCK WASHERS

- Rondelle con dentellatura interna
- Innengezahnte Fächerscheiben
- Rondelles éventail avec denture intérieure
- Arandelas dentadas al interior
- Шайбы стопорные с внутренними зубцами



Diameters Diametri	Limits Limiti	d1	d	s
M 5	Min.	~ 5,10	~ 9,00	0,25
	Max			0,75
M 6	Min.	~ 6,40	~ 11,00	0,40
	Max			1,00
M 8	Min.	~ 8,20	~ 14,00	0,50
	Max			1,10
M 10	Min.	~ 10,50	~ 18,00	0,60
	Max			1,20
M 12	Min.	~ 13,00	~ 20,50	0,70
	Max			1,30
M 14	Min.	~ 15,00	~ 24,00	0,70
	Max			1,30
M 16	Min.	~ 17,00	~ 26,00	0,85
	Max			1,55

## CL. HV 350

- Steel  
Acciaio
- Class HV 350 steel  
Acciaio Classe HV 350

### FINISHING      PACKAGING

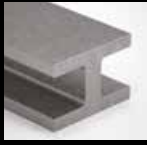
SIZES  
MISURE



SIZE	FINISHING	PACKAGING	PACKAGING	PACKAGING
M 5	13,00	24.000 (12)	8.000 (4)	2.000
M 6	15,00	24.000 (12)	8.000 (4)	2.000
M 8	23,00	12.000 (12)	4.000 (4)	1.000
M 10	36,00	6.000 (6)	2.000 (2)	1.000
M 12	50,00	4.000 (4)	2.000 (2)	1.000
M 14	64,00	2.000 (4)	1.000 (2)	500
M 16	85,00	2.000 (4)	1.000 (2)	500

# 67988

RON ES



ALWAYS UP-TO-DATE WITH REGULATIONS

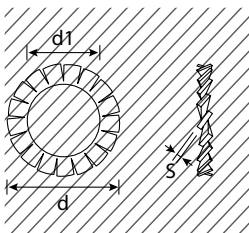


DIN 6798-A • Uni 8842



## EXTERNAL TOOTH LOCK WASHERS

- Rondelle con dentellatura esterna
- Außengezahnnte Fächerscheiben
- Rondelles éventail avec denture extérieure
- Arandelas dentadas al exterior
- Шайбы стопорные с наружными зубцами



Diameters Diametri	Limits Limiti	d1	d	s
M 5	Min.	~ 5,10	~ 9,00	0,25
	Max			0,75
M 6	Min.	~ 6,40	~ 11,00	0,40
	Max			1,00
M 8	Min.	~ 8,20	~ 14,00	0,50
	Max			1,10
M 10	Min.	~ 10,50	~ 18,00	0,60
	Max			1,20
M 12	Min.	~ 13,00	~ 20,50	0,70
	Max			1,30
M 14	Min.	~ 15,00	~ 24,00	0,70
	Max			1,30
M 16	Min.	~ 17,00	~ 26,00	0,85
	Max			1,55

## CL. HV 350

- Steel  
Acciaio
- Class HV 350 steel  
Acciaio Classe HV 350

SIZES MISURE	FINISHING		PACKAGING	
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
M 5	13,00	24.000 (12)	8.000 (4)	2.000
M 6	15,00	24.000 (12)	8.000 (4)	2.000
M 8	23,00	12.000 (12)	4.000 (4)	1.000
M 10	36,00	6.000 (6)	2.000 (2)	1.000
M 12	50,00	4.000 (4)	2.000 (2)	1.000
M 14	64,00	2.000 (4)	1.000 (2)	500
M 16	85,00	2.000 (4)	1.000 (2)	500

# 44077

RAN FTX



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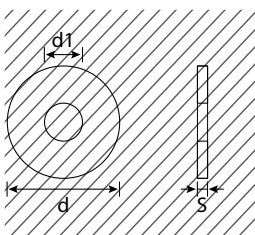
MORE INFO ON PAGE 14

DIN 440R • ~ Iso 7049



## FLAT WASHERS FOR WOODEN CARPENTRY

- Rondelle piane per legno
- Unterlegscheiben für Holz
- Rondelles plates pour bois
- Arandelas planas para madera
- Шайбы плоские увеличенные для деревянных конструкций



## CL. HV 100

- Steel  
Acciaio
- Class HV 100 steel  
Acciaio Classe HV 100



Diameters Diametri	Limits Limiti	d1	d	S
<b>M 6</b> (6,6)	Min.	6,60	20,70	1,70
	Max	6,96	22,00	2,30
<b>M 8</b> (9)	Min.	9,00	26,37	2,40
	Max	9,36	28,00	3,36
<b>M 10</b> (11)	Min.	11,00	32,40	2,40
	Max	11,43	34,00	3,60
<b>M 12</b> (13,5)	Min.	13,50	42,40	3,40
	Max	13,93	44,00	4,60
<b>M 14</b> (15,5)	Min.	15,50	48,40	3,40
	Max	15,93	50,00	4,60
<b>M 16</b> (17,5)	Min.	17,50	54,10	4,00
	Max	18,20	58,00	6,00

Diameters Diametri	Limits Limiti	d1	d	S
<b>M 20</b> (22)	Min.	22,00	70,10	5,00
	Max	22,84	72,00	7,00
<b>M 22</b> (24)	Min.	24,00	78,10	5,00
	Max	24,84	80,00	7,00
<b>M 24</b> (26)	Min.	26,00	82,80	5,00
	Max	26,84	85,00	7,00
<b>M 27</b> (30)	Min.	30,00	95,80	5,00
	Max	30,84	98,00	7,00
<b>M 30</b> (33)	Min.	33,00	102,80	5,00
	Max	34,00	105,00	7,00

### FINISHING      PACKAGING

SIZES  
MISURE



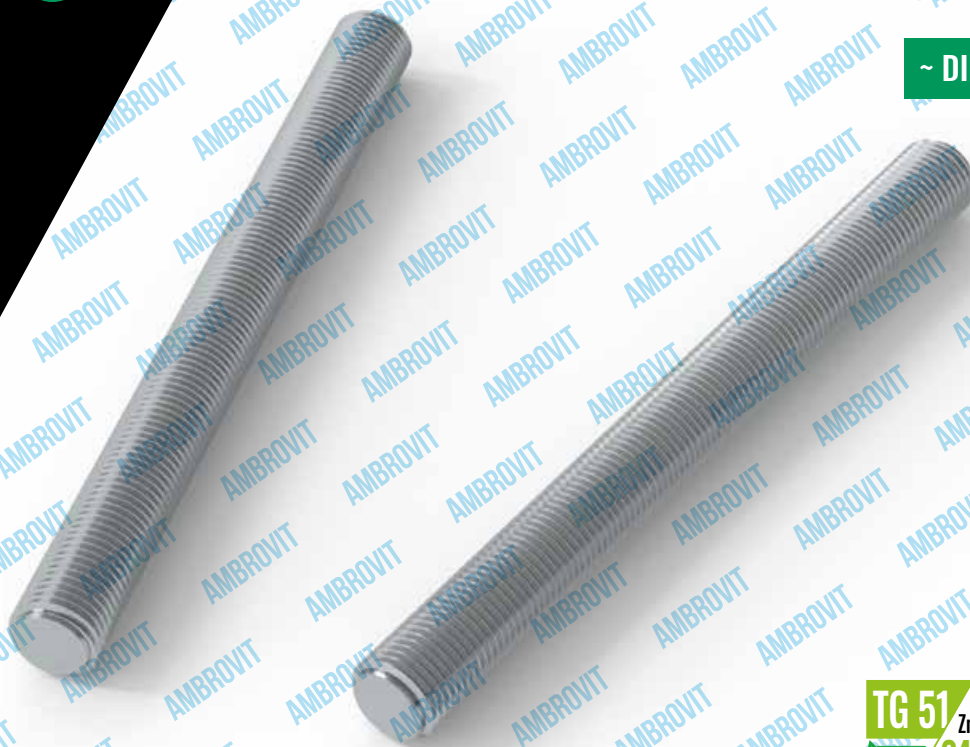
BLUE ZNC Cr3  
ZINCATE Cr3  
€/ 1.000



SIZES MISURE	FINISHING	PACKAGING	FINISHING	PACKAGING
<b>M 6</b>	33,00	4.000 (4)	2.000 (2)	1.000
<b>M 8</b>	75,00	2.000 (4)	1.000 (2)	500
<b>M 10</b>	122,00	800 (4)	400 (2)	200
<b>M 12</b>	278,00	400 (4)	200 (2)	100
<b>M 14</b>	420,00	400 (4)	200 (2)	100
<b>M 16</b>	530,00	400 (4)	200 (2)	100
<b>M 20</b>	810,00	200 (4)	100 (2)	50
<b>M 22</b>	1.050,00	100 (4)	50 (2)	25
<b>M 24</b>	1.300,00	100 (4)	50 (2)	25
<b>M 27</b>	1.580,00	100 (4)	50 (2)	25
<b>M 30</b>	1.800,00	100 (4)	50 (2)	25

# 97500

BF 4.8



~ DIN 975

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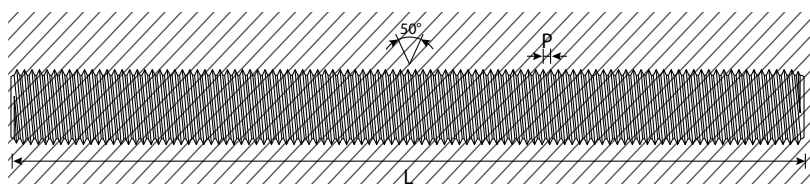


**TG 51** BASE  
Znc Cr3 3µm  
24 hr



## THREADED RODS 1 METER LOW RESISTANCE

- Barre filettate 1 mt bassa resistenza
- Gewindestangen 1 Meter geringe Festigkeit
- Tiges filetées 1 mètre bas résistance
- Varillas roscadas 1 metro baja resistencia
- Шпильки резьбовые 1 метр низкое сопротивление



Diameters Diametri	P	L
M 4	~ 0,70	1000
M 5	~ 0,80	1000
M 6	~ 1,00	1000
M 8	~ 1,25	1000
M 10	~ 1,50	1000
M 12	~ 1,75	1000
M 14	~ 2,00	1000
M 16	~ 2,00	1000
M 18	~ 2,50	1000
M 20	~ 2,50	1000
M 22	~ 2,50	1000
M 24	~ 3,00	1000
M 27	~ 3,00	1000
M 30	~ 3,50	1000

## CL. 4.8

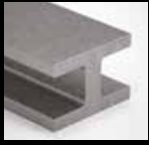
- **Low Tensile Steel**  
Acciaio a bassa resistenza
- **Class 4.8 Steel**  
Acciaio Classe 4.8
- **Tensile Strength: 400 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 400 N/mm<sup>2</sup>
- **Elastic limit: 320 N/mm<sup>2</sup>**  
Limite di elasticità: 320 N/mm<sup>2</sup>

Some sizes available Plain  
(without coating) until end of stock.  
Alcune misure sono disponibili grezze  
(prive di rivestimento) fino ad esaurimento scorte.

SIZES MISURE	FINISHING		PACKAGING	
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3	€/ 1.000		
M 4	410,00		100	
M 5	540,00		100	
M 6	640,00		100	
M 8	825,00		50	
M 10	1.335,00		25	
M 12	2.000,00		20	
M 14	2.800,00		10	
M 16	3.780,00		10	
M 18	4.800,00		10	
M 20	6.100,00		5	
M 22	7.800,00		5	
M 24	8.900,00		5	
M 27	12.000,00		5	
M 30	15.200,00		5	

# 97688

BF 8.8

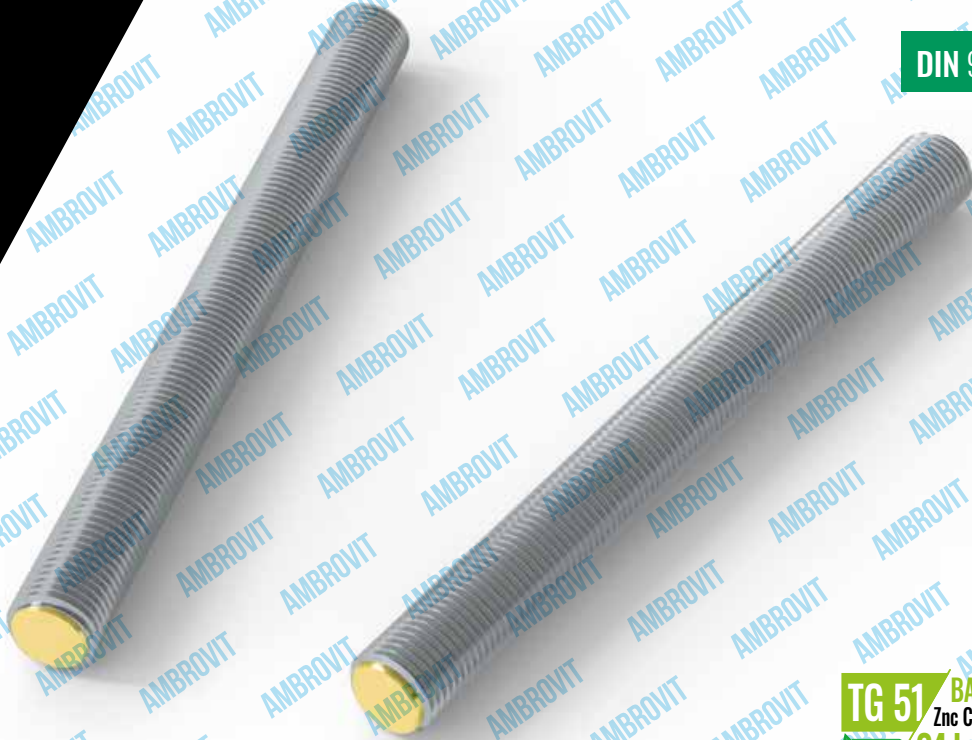


**NEW**  
PRODUCT

ALWAYS UP-TO-DATE WITH REGULATIONS

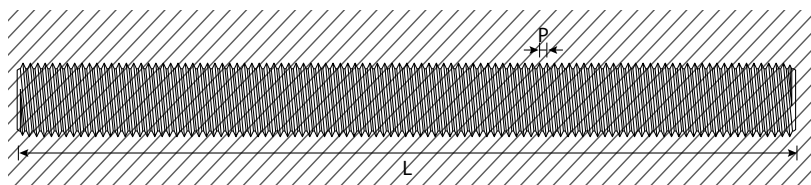


**DIN 976**



## THREADED RODS 1 METER

- Barre filettate 1 metro
- Gewindestangen 1 meter
- Tiges filetées 1 mètre
- Varillas roscadas 1 metro
- Шпильки резьбовые 1 метр



Diameters Diametri	P	L
M 6	~ 1,00	1000
M 8	~ 1,25	1000
M 10	~ 1,50	1000
M 12	~ 1,75	1000
M 14	~ 2,00	1000
M 16	~ 2,00	1000
M 18	~ 2,50	1000
M 20	~ 2,50	1000
M 22	~ 2,50	1000
M 24	~ 3,00	1000
M 27	~ 3,00	1000
M 30	~ 3,50	1000

## CL. 8.8

- **Low Tensile Steel**  
Acciaio ad alta resistenza
- **Class 8.8 Steel**  
Acciaio Classe 8.8
- **Tensile Strength: 800 N/mm<sup>2</sup>**  
Resistenza alla rottura per trazione: 800 N/mm<sup>2</sup>
- **Elastic limit: 640 N/mm<sup>2</sup>**  
Limite di elasticità: 640 N/mm<sup>2</sup>

	FINISHING	PACKAGING
SIZES MISURE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	
	M 6	820,00 100
M 8	1.280,00 50	
M 10	1.960,00 25	
M 12	2.760,00 20	
M 14	3.780,00 10	
M 16	5.040,00 10	
M 18	6.300,00 10	
M 20	7.950,00 5	
M 22	9.800,00 5	
M 24	11.700,00 5	
M 27	15.200,00 5	
M 30	19.150,00 5	



AMBROVIT®

AMBROVIT®  
BOLTS+SCREWS

AMBROVIT®  
BOLTS+SCREWS



BITS

SELF-DRILLING  
SCREWS

BLOCKFRAME  
SCREWS

CONCRETE  
SCREWS

SELF-TAPPING  
SCREWS

TRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODS

MACHINE  
SCREWS

DOME & EURO  
SCREWS

CHIPBOARD  
SCREWS

CARPENTRY WOOD  
SCREWS

DRYWALL  
SCREWS






HEX LAG  
SCREWS

STAINLESS STEEL  
SCREWS

BLIND RIVETS

SPECIAL BOX

# SELF-TAPPING SCREWS

-  Viti autofilettanti
-  Blechschrauben
-  Vis à tôle
-  Tornillos rosca chapa
-  Винты самонарезающие



**AMBROVIT®** MAIN DATA

**44,000**  
PALLETS

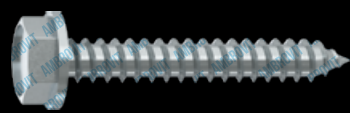
**3,000**  
TRAYS

**1,500**  
CLIENTS

**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS

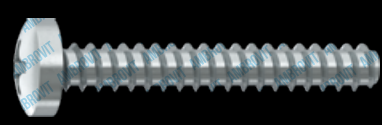
**69280** TE FR PAGE 290



**79810** TC PH PAGE 292



**07981** TC PH S/P PAGE 296



**79816** TC TX NEW PRODUCT PAGE 298



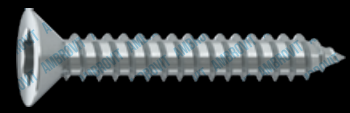
**79820** TSP PH PAGE 300



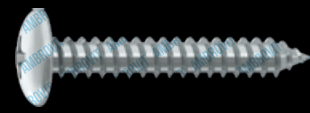
**07982** TSP PH S/P PAGE 304



**79826** TSP TX NEW PRODUCT PAGE 306



**79380** TMT PH PAGE 308



**79870** TC CEI PAGE 310



**79770** TE FL PAGE 312



**59770** TE FL W PAGE 314



# 69280

TE FR

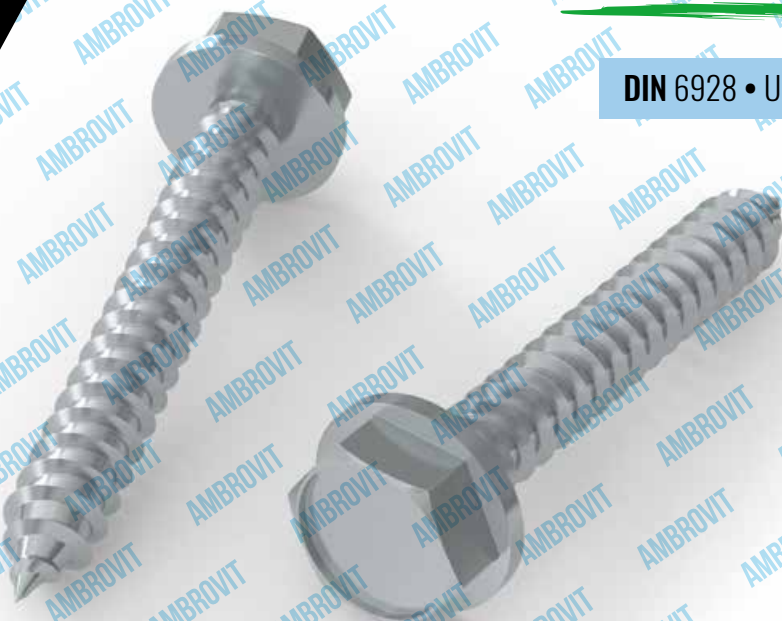


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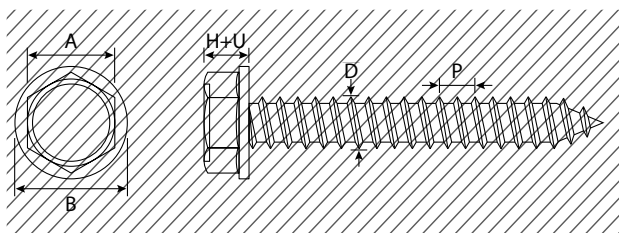
MORE INFO ON PAGE 14

DIN 6928 • Uni 6950

TG 51 BASE  
Zinc Cr3 3µm  
24 hr  
RoHS compliant

## SELF-TAPPING SCREWS HEXAGON FLAT WASHER HEAD

-  Viti autofilettanti testa esagonale finta rondella
-  Blechschrauben Sechskant-Flanschkopf
-  Vis à tôle tête hexagonale à embase
-  Tornillos rosca chapa cabeza hexagonal+arandela
-  Винты самонарезающие шестигранная головка с фланцем



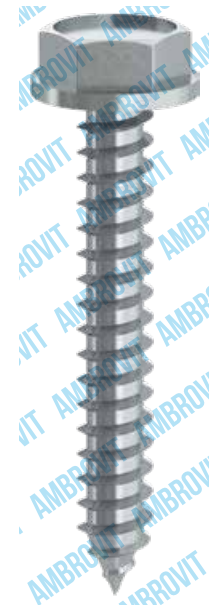
Diameters Diametri	Limits Limiti	A	B	H+U	D	P
4,2	Min.	6,78	8,10	3,60	4,04	-1,40
	Max.	7,00	8,80	4,10	4,22	
4,8	Min.	7,78	9,80	3,80	4,62	-1,60
	Max.	8,00	10,50	4,30	4,80	
5,5	Min.	7,78	10,00	4,80	5,28	-1,80
	Max.	8,00	11,00	5,30	5,46	
6,3	Min.	9,78	12,20	5,30	6,03	-1,80
	Max.	10,00	13,50	5,90	6,25	



## C1022





- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410
- **Threaded section: as per listing**  
(Ex 4,8x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 4,8x70/60 = filetto 60)

# 69280

## TE FR



FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000				
<b>4,2 x 9,5</b>	25,50	12.000 (12)	4.000 (4)	1.000	
<b>13</b>	27,15	8.000 (8)	4.000 (4)	1.000	
<b>16</b>	29,60	8.000 (8)	4.000 (4)	1.000	
<b>19</b>	31,95	6.000 (6)	2.000 (2)	1.000	
<b>22</b>	37,00	6.000 (6)	2.000 (2)	1.000	
<b>25</b>	38,50	4.000 (4)	2.000 (2)	1.000	
<b>32</b>	49,95	3.000 (6)	1.000 (2)	500	
<b>38</b>	63,35	3.000 (6)	1.000 (2)	500	
<b>45</b>	85,75	2.000 (4)	1.000 (2)	500	
<b>50</b>	115,00	2.000 (4)	1.000 (2)	500	
<b>4,8 x 9,5</b>	40,15	8.000 (8)	4.000 (4)	1.000	
<b>13</b>	37,70	6.000 (6)	2.000 (2)	1.000	
<b>16</b>	40,65	6.000 (6)	2.000 (2)	1.000	
<b>19</b>	44,15	4.000 (8)	2.000 (4)	500	
<b>22</b>	49,45	3.000 (6)	1.000 (2)	500	
<b>25</b>	50,75	3.000 (6)	1.000 (2)	500	
<b>32</b>	68,60	2.000 (4)	1.000 (2)	500	
<b>38</b>	74,95	2.000 (4)	1.000 (2)	500	
<b>45</b>	101,85	1.600 (8)	800 (4)	200	
<b>50</b>	131,10	1.200 (6)	400 (2)	200	
<b>60</b>	160,40	800 (4)	400 (2)	200	
<b>70/60</b>	175,50	800 (4)	400 (2)	200	
<b>80/60</b>	189,70	800 (4)	400 (2)	200	

FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000				
<b>5,5 x 13</b>	54,15	4.000 (4)	2.000 (2)	1.000	
<b>16</b>	62,95	4.000 (4)	2.000 (2)	1.000	
<b>19</b>	70,10	4.000 (8)	2.000 (4)	500	
<b>22</b>	80,20	3.000 (6)	1.000 (2)	500	
<b>25</b>	85,75	3.000 (6)	1.000 (2)	500	
<b>32</b>	112,15	2.000 (4)	1.000 (2)	500	
<b>38</b>	122,70	1.600 (8)	800 (4)	200	
<b>45</b>	154,90	1.200 (6)	400 (2)	200	
<b>50</b>	177,70	1.200 (6)	400 (2)	200	
<b>60</b>	196,45	800 (4)	400 (2)	200	
<b>70/60</b>	207,90	800 (4)	400 (2)	200	
<b>80/60</b>	220,10	800 (4)	400 (2)	200	
<b>90/60</b>	266,65	400 (4)	200 (2)	100	
<b>100/60</b>	280,85	400 (4)	200 (2)	100	
<b>6,3 x 13</b>	93,50	2.000 (4)	1.000 (2)	500	
<b>16</b>	84,40	2.000 (4)	1.000 (2)	500	
<b>19</b>	93,45	2.000 (4)	1.000 (2)	500	
<b>22</b>	106,00	2.000 (4)	1.000 (2)	500	
<b>25</b>	112,95	2.000 (4)	1.000 (2)	500	
<b>32</b>	146,50	1.600 (8)	800 (4)	200	
<b>38</b>	165,25	1.200 (6)	400 (2)	200	
<b>45</b>	202,25	1.200 (6)	400 (2)	200	
<b>50</b>	223,00	1.200 (6)	400 (2)	200	
<b>60</b>	255,85	600 (6)	200 (2)	100	
<b>70/60</b>	285,95	600 (6)	200 (2)	100	
<b>80/60</b>	353,70	400 (4)	200 (2)	100	
<b>90/60</b>	370,60	400 (4)	200 (2)	100	
<b>100/60</b>	409,10	400 (4)	200 (2)	100	
<b>110/60</b>	453,65	400 (4)	200 (2)	100	
<b>120/60</b>	498,15	400 (4)	200 (2)	100	

# 79810

## TC PH



ALWAYS UP-TO-DATE WITH REGULATIONS



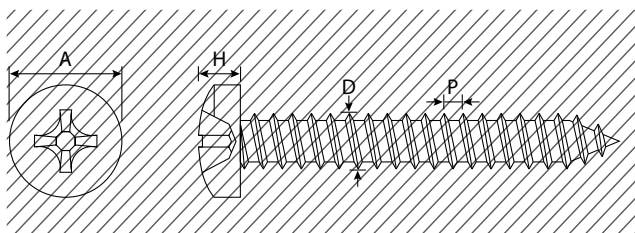
MORE INFO ON PAGE 14

DIN 7981 • Uni 6954 • Iso 7049



### SELF-TAPPING SCREWS PH PAN HEAD

- Viti autofilettanti testa cilindrica PH
- Blechschrauben Linsenkopf PH-Antrieb
- Vis à tôle tête cylindrique PH
- Tornillos rosca chapa cabeza redonda PH
- Винты самонарезающие полусферическая головка PH



Diameters Diametri	Limits Limiti	A	H	D	P	PH
2,2	Min.	3,90	1,55	2,10	-0,80	1
	Max	4,20	1,80	2,24		
2,9	Min.	5,30	1,95	2,76	-1,10	1
	Max	5,60	2,20	2,90		
3,5	Min.	6,54	2,35	3,35	-1,30	2
	Max	6,90	2,60	3,53		
3,9	Min.	7,14	2,55	3,73	-1,30	2
	Max	7,50	2,80	3,91		

Diameters Diametri	Limits Limiti	A	H	D	P	PH
4,2	Min.	7,84	2,75	4,04	-1,40	2
	Max	8,20	3,05	4,22		
4,8	Min.	9,14	3,25	4,62	-1,60	2
	Max	9,50	3,55	4,80		
5,5	Min.	10,37	3,65	5,28	-1,80	3
	Max	10,80	3,95	5,46		
6,3	Min.	12,07	4,25	6,03	-1,80	3
	Max	12,50	4,55	6,25		




### C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410
- **Threaded section: as per listing**  
(Ex 4,2x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 4,2x70/60 = filetto 60)

# 79810

## TC PH



	SIZES MISURE	FINISHING			PACKAGING		
		TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 4 NICKEL PL. NICHELATE €/ 1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000			
<b>SB</b>	<b>2,2 x 4,5</b>	14,40	15,50	17,39	48.000 (24)	8.000 (4)	2.000
<b>SB</b>	<b>6,5</b>	14,60	15,85	17,75	48.000 (24)	8.000 (4)	2.000
<b>SB</b>	<b>9,5</b>	15,00	16,45	18,46	48.000 (24)	8.000 (4)	2.000
	<b>13</b>	16,35	18,10	20,25	24.000 (24)	4.000 (4)	1.000
	<b>16</b>	19,60	21,65	24,33	24.000 (24)	4.000 (4)	1.000
<b>SB</b>	<b>2,9 x 4,5</b>	13,65	14,85	16,68	48.000 (24)	8.000 (4)	2.000
<b>SB</b>	<b>6,5</b>	11,20	12,45	13,92	48.000 (24)	8.000 (4)	2.000
	<b>9,5</b>	11,30	12,95	14,64	24.000 (24)	4.000 (4)	1.000
	<b>13</b>	12,00	13,75	15,45	24.000 (24)	4.000 (4)	1.000
	<b>16</b>	12,70	14,70	16,85	12.000 (12)	4.000 (4)	1.000
	<b>19</b>	13,75	16,10	18,46	12.000 (12)	4.000 (4)	1.000
	<b>22</b>	16,20	18,80	21,53	12.000 (12)	4.000 (4)	1.000
	<b>25</b>	16,65	19,50	22,26	12.000 (12)	4.000 (4)	1.000
	<b>32</b>	27,35	31,00	35,52	8.000 (8)	4.000 (4)	1.000
	<b>38</b>	41,55	49,05	56,06	6.000 (6)	2.000 (2)	1.000
<b>SB</b>	<b>3,5 x 6,5</b>	14,40	16,35	18,72	24.000 (24)	4.000 (4)	1.000
<b>SB</b>	<b>9,5</b>	13,05	15,20	17,47	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>13</b>	13,75	16,35	18,72	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>16</b>	14,85	17,80	20,38	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>19</b>	16,10	19,35	22,05	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>22</b>	19,05	22,90	26,21	8.000 (8)	4.000 (4)	1.000
<b>SB</b>	<b>25</b>	19,85	23,95	27,46	8.000 (8)	4.000 (4)	1.000
	<b>32</b>	25,35	30,50	34,84	6.000 (12)	2.000 (4)	500
	<b>38</b>	30,50	36,25	41,50	4.000 (8)	2.000 (4)	500
<b>SB</b>	<b>45</b>	46,60	53,65	61,31	3.000 (6)	1.000 (2)	500
<b>SB</b>	<b>50</b>	62,20	70,25	80,44	3.000 (6)	1.000 (2)	500
<b>SB</b>	<b>3,9 x 6,5</b>	16,10	19,05	22,05	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>9,5</b>	14,85	17,60	20,32	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>13</b>	15,95	18,90	21,84	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>16</b>	17,30	20,70	23,89	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>19</b>	18,90	23,00	26,62	8.000 (8)	4.000 (4)	1.000
<b>SB</b>	<b>22</b>	22,65	27,10	31,29	8.000 (8)	4.000 (4)	1.000
<b>SB</b>	<b>25</b>	23,60	28,45	32,92	6.000 (6)	2.000 (2)	1.000
	<b>32</b>	29,45	35,55	40,95	4.000 (8)	2.000 (4)	500
	<b>38</b>	38,00	45,00	52,03	4.000 (8)	2.000 (4)	500
	<b>45</b>	52,00	60,30	69,56	3.000 (6)	1.000 (2)	500
	<b>50</b>	69,60	79,45	91,77	2.000 (4)	1.000 (2)	500
	<b>60</b>	85,45	98,70	117,50	1.200 (6)	400 (2)	200

SB



AVAILABLE // DISPONIBILE

SPECIAL BOX

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard






Page 62







79810

TC PH



## SELF-TAPPING SCREWS PH PAN HEAD

-  Viti autofilettanti testa cilindrica PH
-  Blechschrauben Linsenkopf PH-Antrieb
-  Vis à tôle tête cylindrique PH
-  Tornillos rosca chapa cabeza redonda PH
-  Винты самонарезающие полусферическая головка

		FINISHING			PACKAGING		
SIZES MISURE		 TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000	 TG 4 NICKEL PL NICHELATE €/1.000	 TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/1.000			
SB	4,2 x 6,5	18,60	22,20	25,13	12.000 (12)	4.000 (4)	1.000
SB	9,5	17,05	20,30	23,02	12.000 (12)	4.000 (4)	1.000
SB	13	18,25	22,00	25,41	12.000 (12)	4.000 (4)	1.000
SB	16	19,85	24,20	27,98	8.000 (8)	4.000 (4)	1.000
SB	19	21,50	26,30	30,24	8.000 (8)	4.000 (4)	1.000
SB	22	24,80	30,25	34,91	6.000 (6)	2.000 (2)	1.000
SB	25	25,85	31,70	36,54	6.000 (6)	2.000 (2)	1.000
	32	33,65	40,70	46,59	4.000 (8)	2.000 (4)	500
	38	42,40	50,95	58,19	3.000 (6)	1.000 (2)	500
SB	45	57,60	67,50	76,53	3.000 (6)	1.000 (2)	500
SB	50	77,35	88,60	100,43	2.000 (4)	1.000 (2)	500
	60	95,30	113,00	127,98	1.200 (6)	400 (2)	200
	70/60	113,00	132,00	149,61	800 (4)	400 (2)	200
	80/60	141,15	189,00	259,56	800 (4)	400 (2)	200
SB	4,8 x 6,5	29,70	35,25	39,63	12.000 (12)	4.000 (4)	1.000
SB	9,5	27,00	31,70	35,50	12.000 (12)	4.000 (4)	1.000
SB	13	25,35	30,75	35,26	8.000 (8)	4.000 (4)	1.000
SB	16	27,25	33,35	38,22	6.000 (6)	2.000 (2)	1.000
	19	29,70	36,50	41,76	6.000 (12)	2.000 (4)	500
	22	33,25	40,70	46,59	4.000 (8)	2.000 (4)	500
	25	34,05	42,35	48,46	4.000 (8)	2.000 (4)	500
SB	32	46,00	56,05	63,50	3.000 (6)	1.000 (2)	500
SB	38	50,50	61,65	69,83	3.000 (6)	1.000 (2)	500
	45	68,30	81,55	92,34	1.600 (8)	800 (4)	200
	50	88,20	103,30	117,11	1.600 (8)	800 (4)	200
	60	114,85	135,55	152,13	1.200 (6)	400 (2)	200
	70/60	137,50	162,25	182,02	800 (4)	400 (2)	200
	80/60	148,65	175,55	196,96	800 (4)	400 (2)	200
	90/60	175,55	220,45	249,85	400 (4)	200 (2)	100
	100/60	190,55	238,15	277,64	400 (4)	200 (2)	100
	110/60	217,75	272,20	319,26	400 (4)	200 (2)	100
	120/60	244,95	306,20	374,80	400 (4)	200 (2)	100

SB



AVAILABLE // DISPONIBILE

SPECIAL BOX

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard







Page 62



# 79810

## TC PH



		FINISHING			PACKAGING		
SIZES MISURE		 TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	 TG 4 NICKEL PL. NICHELATE €/ 1.000	 TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000			
SB	5,5 x 13	36,50	43,70	49,01	6.000 (6)	2.000 (2)	1.000
SB	16	42,35	50,70	56,76	6.000 (6)	2.000 (2)	1.000
SB	19	47,10	56,45	63,44	4.000 (8)	2.000 (4)	500
SB	22	53,75	64,10	71,91	4.000 (8)	2.000 (4)	500
SB	25	57,60	68,80	77,32	3.000 (6)	1.000 (2)	500
SB	32	75,25	88,60	99,45	3.000 (6)	1.000 (2)	500
	38	82,25	97,75	109,65	2.400 (12)	800 (4)	200
	45	103,95	122,35	137,29	1.600 (8)	800 (4)	200
	50	119,45	139,25	156,16	1.200 (6)	400 (2)	200
	60	143,50	169,45	190,18	800 (4)	400 (2)	200
	70/60	169,75	200,35	224,76	800 (4)	400 (2)	200
	80/60	184,80	218,45	245,16	800 (4)	400 (2)	200
	90/60	217,75	272,20	319,26	400 (4)	200 (2)	100
	100/60	242,25	303,50	360,93	400 (4)	200 (2)	100
	110/60	285,80	357,95	430,29	400 (4)	200 (2)	100
	120/60	381,05	476,30	555,24	400 (4)	200 (2)	100
	6,3 x 13	53,50	64,30	72,06	4.000 (8)	2.000 (4)	500
	16	56,65	68,45	76,76	4.000 (8)	2.000 (4)	500
	19	62,85	76,25	85,58	3.000 (6)	1.000 (2)	500
	22	71,10	85,75	96,24	3.000 (6)	1.000 (2)	500
	25	75,95	91,30	102,46	2.000 (4)	1.000 (2)	500
	32	98,45	117,25	131,63	1.600 (8)	800 (4)	200
	38	111,10	132,85	149,12	1.600 (8)	800 (4)	200
	45	135,75	160,30	179,88	1.200 (6)	400 (2)	200
	50	149,70	176,35	197,93	1.200 (6)	400 (2)	200
	60	180,60	213,65	239,70	800 (4)	400 (2)	200
	70/60	208,25	244,95	274,89	800 (4)	400 (2)	200
	80/60	236,80	279,00	313,04	800 (4)	400 (2)	200

SB



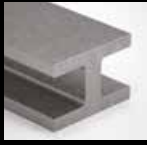
AVAILABLE // DISPONIBILE

**SPECIAL BOX**Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

Page 62

# 07981

TC PH S/P



ALWAYS UP-TO-DATE WITH REGULATIONS

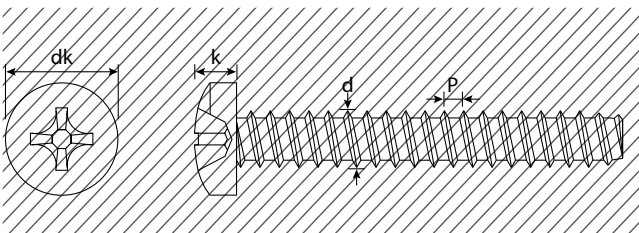


DIN 7981-F • Uni 6954-B • ~ Iso 7049



## SELF-TAPPING SCREWS PH PAN HEAD WITHOUT POINT (F-TYPE)

- Viti autofilettanti testa cilindrica PH senza punta
- Blechschrauben Linsenkopf PH-Antrieb ohne Spitze
- Vis à tôle tête cylindrique PH sans pointe
- Tornillos rosca chapa cabeza redonda PH sin punta
- Винты самонарезающие полусферическая головка PH с плоским наконечником



Diameters Diametri	Limits Limiti	dk	k	d	P
2,2	Min.	3,90	1,55	2,10	-0,80
	Max	4,20	1,80	2,24	
2,9	Min.	5,30	1,95	2,76	-1,10
	Max	5,60	2,20	2,90	
3,5	Min.	6,54	2,35	3,35	-1,30
	Max	6,90	2,60	3,53	
3,9	Min.	7,14	2,55	3,73	-1,40
	Max	7,50	2,80	3,91	
4,2	Min.	7,84	2,75	4,04	-1,40
	Max	8,20	3,05	4,22	
4,8	Min.	9,14	3,25	4,62	-1,60
	Max	9,50	3,55	4,80	



## C1022

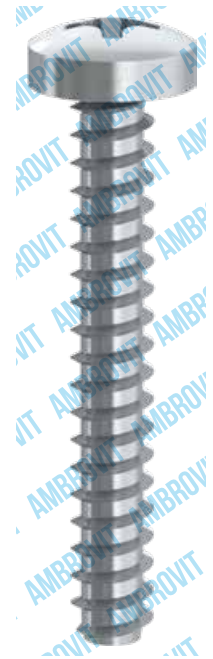
- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410

# 07981

## TC PH S/P

		FINISHING		PACKAGING		
		TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000				
SIZES MISURE						
NEW	2,2 x 6,5	15,90	48.000 (24)	8.000 (4)	2.000	
NEW	9,5	17,60	48.000 (24)	8.000 (4)	2.000	
NEW	13	21,00	24.000 (24)	4.000 (4)	1.000	
NEW	16	23,00	24.000 (24)	4.000 (4)	1.000	
	2,9 x 6,5	15,30	24.000 (12)	8.000 (4)	2.000	
	9,5	15,90	24.000 (24)	4.000 (4)	1.000	
NEW	13	18,30	24.000 (24)	4.000 (4)	1.000	
NEW	16	21,80	12.000 (12)	4.000 (4)	1.000	
NEW	19	22,90	12.000 (12)	4.000 (4)	1.000	
NEW	22	25,60	12.000 (12)	4.000 (4)	1.000	
	3,5 x 6,5	18,90	24.000 (24)	4.000 (4)	1.000	
	9,5	18,60	12.000 (12)	4.000 (4)	1.000	
	13	20,90	12.000 (12)	4.000 (4)	1.000	
	16	23,00	12.000 (12)	4.000 (4)	1.000	
NEW	19	27,00	12.000 (12)	4.000 (4)	1.000	
NEW	22	30,40	8.000 (8)	4.000 (4)	1.000	
NEW	25	33,40	8.000 (8)	4.000 (4)	1.000	
NEW	32	38,00	6.000 (12)	2.000 (4)	500	
	3,9 x 6,5	22,50	12.000 (12)	4.000 (4)	1.000	
	9,5	23,20	12.000 (12)	4.000 (4)	1.000	
	13	25,00	12.000 (12)	4.000 (4)	1.000	
	16	27,60	12.000 (12)	4.000 (4)	1.000	

		FINISHING		PACKAGING		
		TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000				
SIZES MISURE						
	4,2 x 6,5	25,80	12.000 (12)	4.000 (4)	1.000	
	9,5	26,00	12.000 (12)	4.000 (4)	1.000	
	13	28,80	12.000 (12)	4.000 (4)	1.000	
	16	31,80	8.000 (8)	4.000 (4)	1.000	
NEW	19	37,00	8.000 (8)	4.000 (4)	1.000	
NEW	22	41,50	6.000 (6)	2.000 (2)	1.000	
NEW	25	45,80	6.000 (6)	2.000 (2)	1.000	
NEW	32	56,80	4.000 (8)	2.000 (4)	500	
NEW	38	64,50	3.000 (6)	1.000 (2)	500	
NEW	45	75,00	2.500 (5)	1.000 (2)	500	
	4,8 x 9,5	36,30	12.000 (12)	4.000 (4)	1.000	
	13	39,00	8.000 (8)	4.000 (4)	1.000	
NEW	16	47,90	6.000 (6)	2.000 (2)	1.000	
NEW	19	55,40	6.000 (12)	2.000 (4)	500	
NEW	22	60,80	4.000 (8)	2.000 (4)	500	
NEW	25	66,20	4.000 (8)	2.000 (4)	500	
NEW	32	79,70	3.000 (6)	1.000 (2)	500	
NEW	38	91,20	3.000 (6)	1.000 (2)	500	



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

Screws / Self-tapping

# 79816

TC TX

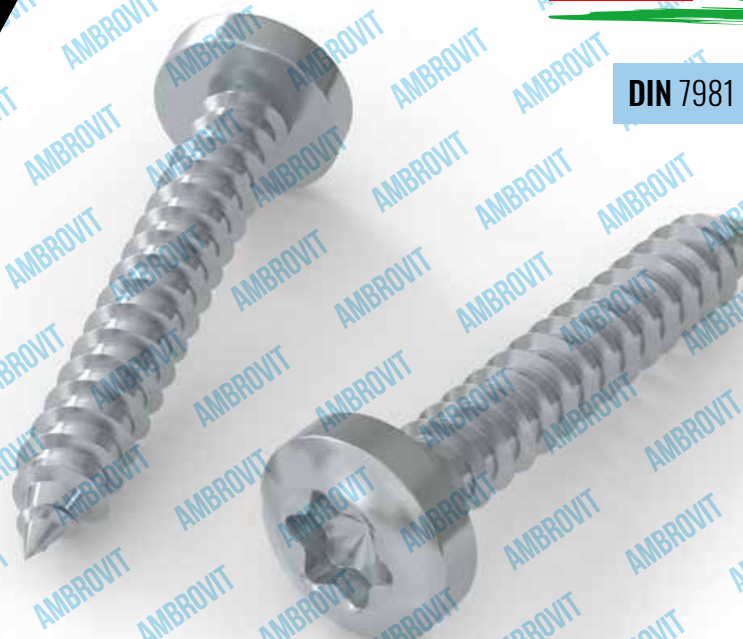


**NEW**  
PRODUCT

ALWAYS UP-TO-DATE WITH REGULATIONS

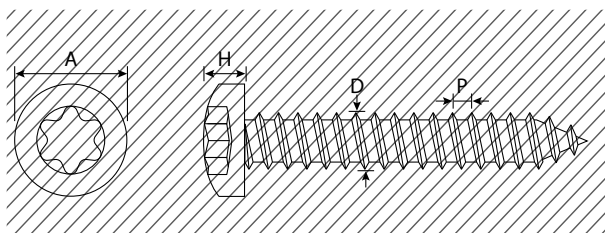


DIN 7981 • Uni 6954



## SELF-TAPPING SCREWS TX PAN HEAD

- Viti autofilettanti testa cilindrica TX
- Blechschrauben Linsenkopf TX-Antrieb
- Vis à tôle tête cylindrique TX
- Tornillos rosca chapa cabeza redonda TX
- Винты самонарезающие полусферическая головка, шлиц TX



Diameters Diametri	Limits Limiti	A	H	D	P	TX
2,9	Min.	5,30	1,95	2,76	-1,10	T10
	Max.	5,60	2,20	2,90		
3,5	Min.	6,54	2,35	3,35	-1,30	T15
	Max.	6,90	2,60	3,53		
3,9	Min.	7,14	2,55	3,73	-1,30	T20
	Max.	7,50	2,80	3,91		
4,2	Min.	7,84	2,75	4,04	-1,40	T20
	Max.	8,20	3,05	4,22		
4,8	Min.	9,14	3,25	4,62	-1,60	T25
	Max.	9,50	3,55	4,80		
5,5	Min.	10,37	3,65	5,28	-1,80	T25
	Max.	10,80	3,95	5,46		
6,3	Min.	12,07	4,25	6,03	-1,80	T30
	Max.	12,50	4,55	6,25		

## C1022

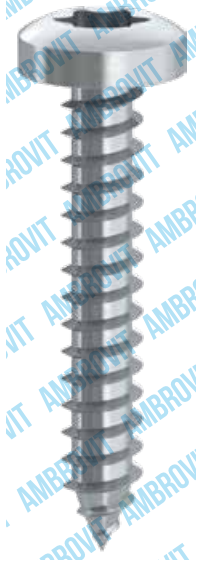
- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410

# 79816

## TC TX

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
<b>2,9 x 6,5</b>	T10	17,50	40.000 (20)	8.000 (4)	2.000
<b>9,5</b>	T10	17,00	24.000 (24)	4.000 (4)	1.000
<b>13</b>	T10	18,50	24.000 (24)	4.000 (4)	1.000
<b>16</b>	T10	19,50	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T10	21,00	12.000 (12)	4.000 (4)	1.000
<b>3,5 x 9,5</b>	T15	19,60	12.000 (12)	4.000 (4)	1.000
<b>13</b>	T15	20,50	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T15	22,10	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T15	24,10	12.000 (12)	4.000 (4)	1.000
<b>22</b>	T15	27,60	8.000 (8)	4.000 (4)	1.000
<b>25</b>	T15	28,80	8.000 (8)	4.000 (4)	1.000
<b>32</b>	T15	36,30	6.000 (12)	2.000 (4)	500
<b>38</b>	T15	42,20	4.000 (8)	2.000 (4)	500
<b>3,9 x 9,5</b>	T20	21,40	12.000 (12)	4.000 (4)	1.000
<b>13</b>	T20	23,00	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T20	24,90	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T20	27,10	8.000 (8)	4.000 (4)	1.000
<b>22</b>	T20	31,30	8.000 (8)	4.000 (4)	1.000
<b>25</b>	T20	32,80	6.000 (6)	2.000 (2)	1.000
<b>32</b>	T20	40,50	4.000 (8)	2.000 (4)	500
<b>38</b>	T20	50,00	4.000 (8)	2.000 (4)	500
<b>4,2 x 9,5</b>	T20	25,30	12.000 (12)	4.000 (4)	1.000
<b>13</b>	T20	27,00	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T20	29,50	8.000 (8)	4.000 (4)	1.000
<b>19</b>	T20	32,00	8.000 (8)	4.000 (4)	1.000
<b>22</b>	T20	37,60	6.000 (6)	2.000 (2)	1.000
<b>25</b>	T20	38,20	6.000 (6)	2.000 (2)	1.000
<b>32</b>	T20	47,00	4.000 (8)	2.000 (4)	500
<b>38</b>	T20	57,20	3.000 (6)	1.000 (2)	500
<b>45</b>	T20	72,00	3.000 (6)	1.000 (2)	500
<b>50</b>	T20	96,60	2.000 (4)	1.000 (2)	500

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
<b>4,8 x 9,5</b>	T25	37,20	12.000 (12)	4.000 (4)	1.000
<b>13</b>	T25	36,70	8.000 (8)	4.000 (4)	1.000
<b>16</b>	T25	39,20	6.000 (6)	2.000 (2)	1.000
<b>19</b>	T25	42,90	6.000 (12)	2.000 (4)	500
<b>22</b>	T25	47,70	4.000 (8)	2.000 (4)	500
<b>25</b>	T25	50,50	4.000 (8)	2.000 (4)	500
<b>32</b>	T25	63,40	3.000 (6)	1.000 (2)	500
<b>38</b>	T25	70,60	3.000 (6)	1.000 (2)	500
<b>45</b>	T25	94,30	1.600 (8)	800 (4)	200
<b>50</b>	T25	110,20	1.600 (8)	800 (4)	200
<b>5,5 x 13</b>	T25	52,90	6.000 (6)	2.000 (2)	1.000
<b>16</b>	T25	58,50	6.000 (6)	2.000 (2)	1.000
<b>19</b>	T25	65,00	4.000 (8)	2.000 (4)	500
<b>22</b>	T25	72,50	4.000 (8)	2.000 (4)	500
<b>25</b>	T25	77,70	3.000 (6)	1.000 (2)	500
<b>32</b>	T25	94,20	3.000 (6)	1.000 (2)	500
<b>38</b>	T25	103,00	2.400 (12)	800 (4)	200
<b>45</b>	T25	130,00	1.600 (8)	800 (4)	200
<b>50</b>	T25	150,00	1.200 (6)	400 (2)	200
<b>60</b>	T25	180,00	800 (4)	400 (2)	200
<b>6,3 x 13</b>	T30	75,50	4.000 (8)	2.000 (4)	500
<b>16</b>	T30	79,50	4.000 (8)	2.000 (4)	500
<b>19</b>	T30	88,50	3.000 (6)	1.000 (2)	500
<b>22</b>	T30	100,00	3.000 (6)	1.000 (2)	500
<b>25</b>	T30	105,00	2.000 (4)	1.000 (2)	500
<b>32</b>	T30	123,00	1.600 (8)	800 (4)	200
<b>38</b>	T30	138,80	1.600 (8)	800 (4)	200
<b>45</b>	T30	178,00	1.200 (6)	400 (2)	200
<b>50</b>	T30	196,60	1.200 (6)	400 (2)	200
<b>60</b>	T30	226,00	800 (4)	400 (2)	200
<b>70</b>	T30	260,00	800 (4)	400 (2)	200



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 79820

## TSP PH



ALWAYS UP-TO-DATE WITH REGULATIONS








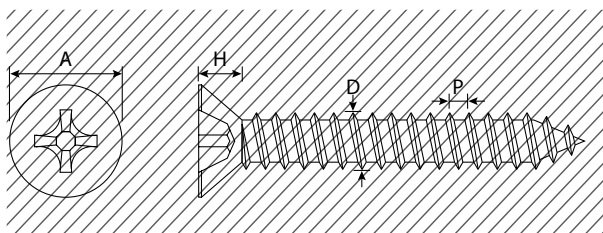
MORE INFO ON PAGE 14

DIN 7982 • Uni 6955 • Iso 7050



### SELF-TAPPING SCREWS PH FLAT HEAD

-  Viti autofilettanti testa svasata piana PH
-  Blechschrauben Senkkopf PH-Antrieb
-  Vis à tôle tête fraisée PH
-  Tornillos rosca chapa cabeza plana PH
-  Винты самонарезающие плоская потайная головка PH



Diameters Diametri	Limits Limiti	A	D	H	P	PH
2,2	Min.	4,00	2,10	-1,30	-0,80	1
	Max	4,30	2,24			
2,9	Min.	5,20	2,76	-1,70	-1,10	1
	Max	5,50	2,90			
3,5	Min.	6,44	3,35	-2,10	-1,30	2
	Max	6,80	3,53			
3,9	Min.	7,14	3,73	-2,30	-1,30	2
	Max	7,50	3,91			

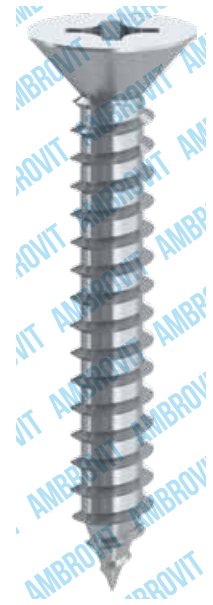
Diameters Diametri	Limits Limiti	A	D	H	P	PH
4,2	Min.	7,74	4,04	-2,50	-1,40	2
	Max	8,10	4,22			
4,8	Min.	9,14	4,62	-3,00	-1,60	2
	Max	9,50	4,80			
5,5	Min.	10,37	5,28	-3,40	-1,80	3
	Max	10,80	5,46			
6,3	Min.	11,97	6,03	-3,80	-1,80	3
	Max	12,40	6,25			

### C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410
- **Threaded section: as per listing**  
(Ex 4,2x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 4,2x70/60 = filetto 60)

# 79820

## TSP PH



		FINISHING			PACKAGING		
SIZES MISURE		TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 4 NICKEL PL. NICHELATE €/ 1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000			
<b>SB</b>	<b>2,2 x 6,5</b>	15,50	16,75	18,77	48.000 (24)	8.000 (4)	2.000
<b>SB</b>	<b>9,5</b>	15,95	17,45	19,58	48.000 (24)	8.000 (4)	2.000
	<b>13</b>	17,25	19,35	21,62	24.000 (24)	4.000 (4)	1.000
	<b>16</b>	20,65	22,85	25,65	24.000 (24)	4.000 (4)	1.000
<b>SB</b>	<b>2,9 x 6,5</b>	11,90	13,25	14,89	48.000 (24)	8.000 (4)	2.000
	<b>9,5</b>	12,00	13,65	15,30	24.000 (24)	4.000 (4)	1.000
	<b>13</b>	12,85	14,60	16,42	24.000 (24)	4.000 (4)	1.000
	<b>16</b>	13,50	15,70	17,60	12.000 (12)	4.000 (4)	1.000
	<b>19</b>	14,60	17,00	19,31	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>22</b>	17,15	20,00	22,66	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>25</b>	17,65	20,50	23,28	12.000 (12)	4.000 (4)	1.000
	<b>32</b>	29,00	32,95	37,29	8.000 (8)	4.000 (4)	1.000
	<b>38</b>	44,00	51,35	58,14	8.000 (8)	4.000 (4)	1.000
<b>SB</b>	<b>3,5 x 9,5</b>	13,90	16,10	18,18	24.000 (24)	4.000 (4)	1.000
<b>SB</b>	<b>13</b>	14,60	17,25	19,67	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>16</b>	15,85	18,90	21,48	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>19</b>	17,00	20,50	23,28	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>22</b>	20,25	24,35	27,55	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>25</b>	21,00	25,50	28,94	8.000 (8)	4.000 (4)	1.000
	<b>32</b>	26,90	32,25	36,57	6.000 (12)	2.000 (4)	500
	<b>38</b>	32,40	38,50	43,67	4.000 (8)	2.000 (4)	500
<b>SB</b>	<b>45</b>	49,45	56,85	64,38	4.000 (8)	2.000 (4)	500
<b>SB</b>	<b>50</b>	66,00	74,65	84,56	3.000 (6)	1.000 (2)	500
<b>SB</b>	<b>3,9 x 9,5</b>	15,85	18,65	21,12	24.000 (24)	4.000 (4)	1.000
<b>SB</b>	<b>13</b>	16,90	20,15	22,81	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>16</b>	18,25	22,00	24,93	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>19</b>	20,15	24,40	27,71	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	<b>22</b>	24,00	28,75	32,55	8.000 (8)	4.000 (4)	1.000
<b>SB</b>	<b>25</b>	25,00	30,15	34,09	8.000 (8)	4.000 (4)	1.000
	<b>32</b>	31,15	37,70	42,69	6.000 (12)	2.000 (4)	500
	<b>38</b>	40,40	47,85	54,08	4.000 (8)	2.000 (4)	500
<b>SB</b>	<b>45</b>	55,20	64,00	72,46	3.000 (6)	1.000 (2)	500
<b>SB</b>	<b>50</b>	73,90	84,40	95,69	2.000 (4)	1.000 (2)	500
	<b>60</b>	91,85	106,00	123,75	1.600 (8)	800 (4)	200

**SB**

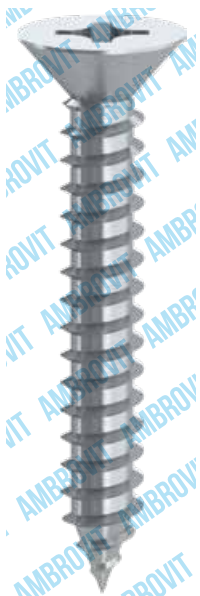
AVAILABLE // DISPONIBILE

**SPECIAL BOX**Less pieces than standard packaging  
Quantità ridotta rispetto allo standard






Page 64







## 79820

TSP PH



## SELF-TAPPING SCREWS PH FLAT HEAD

-  Viti autofilettanti testa svasata piana PH
-  Blechschrauben Senkkopf PH-Antrieb
-  Vis à tôle tête fraisée PH
-  Tornillos rosca chapa cabeza plana PH
-  Винты самонарезающие плоская потайная головка PH

		FINISHING			PACKAGING		
SIZES MISURE		 TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	 TG 4 NICKEL PL. NICHELATE €/ 1.000	 TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000			
<b>SB</b>	4,2 x 9,5	18,10	21,65	24,46	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	13	19,45	23,50	26,88	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	16	21,00	25,65	29,33	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	19	22,70	27,95	31,98	8.000 (8)	4.000 (4)	1.000
<b>SB</b>	22	26,35	32,15	36,76	8.000 (8)	4.000 (4)	1.000
<b>SB</b>	25	27,40	33,65	38,48	6.000 (6)	2.000 (2)	1.000
	32	35,65	43,20	49,40	4.000 (8)	2.000 (4)	500
	38	45,10	54,00	61,78	4.000 (8)	2.000 (4)	500
<b>SB</b>	45	61,15	71,85	82,16	3.000 (6)	1.000 (2)	500
<b>SB</b>	50	82,20	94,15	105,67	2.000 (4)	1.000 (2)	500
	60	98,60	116,15	130,25	1.200 (6)	400 (2)	200
	70/60	116,15	136,40	153,00	800 (4)	400 (2)	200
	80/60	135,00	187,50	255,00	800 (4)	400 (2)	200
<b>SB</b>	4,8 x 9,5	28,60	33,75	37,89	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	13	26,90	32,70	37,03	12.000 (12)	4.000 (4)	1.000
<b>SB</b>	16	28,90	35,35	40,07	8.000 (8)	4.000 (4)	1.000
	19	31,45	38,65	43,78	6.000 (12)	2.000 (4)	500
	22	35,25	43,20	48,93	6.000 (12)	2.000 (4)	500
	25	36,20	44,95	50,93	4.000 (8)	2.000 (4)	500
<b>SB</b>	32	48,85	59,60	67,47	4.000 (8)	2.000 (4)	500
<b>SB</b>	38	53,65	65,50	74,26	3.000 (6)	1.000 (2)	500
	45	72,45	86,40	97,95	2.400 (12)	800 (4)	200
	50	93,45	109,50	124,06	1.600 (8)	800 (4)	200
	60	108,00	127,60	143,21	1.600 (8)	800 (4)	200
	70/60	118,50	139,90	156,98	1.200 (6)	400 (2)	200
	80/60	141,20	166,75	187,12	800 (4)	400 (2)	200
	90/60	168,75	213,35	242,40	400 (4)	200 (2)	100
	100/60	183,65	230,90	269,94	400 (4)	200 (2)	100
	110/60	210,65	264,65	311,25	400 (4)	200 (2)	100
	120/60	237,65	298,40	366,33	400 (4)	200 (2)	100

**SB**

AVAILABLE // DISPONIBILE

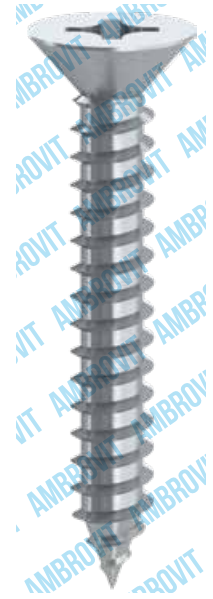
**SPECIAL BOX**Less pieces than standard packaging  
Quantità ridotta rispetto allo standard







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# 79820

## TSP PH



		FINISHING			PACKAGING		
SIZES MISURE		 TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	 TG 4 NICKEL PL NICHELATE €/ 1.000	 TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000			
SB	5,5 x 13	38,65	46,45	52,02	8.000 (8)	4.000 (4)	1.000
SB	16	44,95	53,75	60,33	6.000 (6)	2.000 (2)	1.000
SB	19	49,95	59,95	67,22	6.000 (12)	2.000 (4)	500
SB	22	57,15	68,10	76,35	4.000 (8)	2.000 (4)	500
SB	25	61,15	73,20	82,06	4.000 (8)	2.000 (4)	500
SB	32	79,50	94,15	105,67	3.000 (6)	1.000 (2)	500
	38	87,20	103,95	116,69	2.400 (12)	800 (4)	200
	45	110,20	129,75	145,55	1.600 (8)	800 (4)	200
	50	126,90	147,85	165,95	1.200 (6)	400 (2)	200
	60	135,60	160,00	179,62	1.200 (6)	400 (2)	200
	70/60	159,70	188,45	211,55	800 (4)	400 (2)	200
	80/60	173,90	205,20	230,27	800 (4)	400 (2)	200
	90/60	210,65	264,65	311,25	400 (4)	200 (2)	100
	100/60	234,90	295,65	352,56	400 (4)	200 (2)	100
	110/60	278,15	349,65	421,41	400 (4)	200 (2)	100
	120/60	372,65	467,15	545,34	400 (4)	200 (2)	100
	6,3 x 16	60,10	72,45	81,45	4.000 (8)	2.000 (4)	500
	19	66,85	80,90	90,73	4.000 (8)	2.000 (4)	500
	22	75,35	91,40	102,61	4.000 (8)	2.000 (4)	500
	25	80,90	96,95	108,78	3.000 (6)	1.000 (2)	500
	32	104,65	124,75	139,94	2.400 (12)	800 (4)	200
	38	117,90	140,85	158,00	1.600 (8)	800 (4)	200
	45	144,35	170,15	190,89	1.200 (6)	400 (2)	200
	50	159,00	187,50	210,38	1.200 (6)	400 (2)	200
	60	189,70	224,15	251,43	800 (4)	400 (2)	200
	70/60	216,00	253,85	284,78	800 (4)	400 (2)	200
	80/60	240,35	283,50	318,14	800 (4)	400 (2)	200

SB



AVAILABLE // DISPONIBILE  
**SPECIAL BOX**

Page 64

Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

# 07982

## TSP PH S/P



ALWAYS UP-TO-DATE WITH REGULATIONS








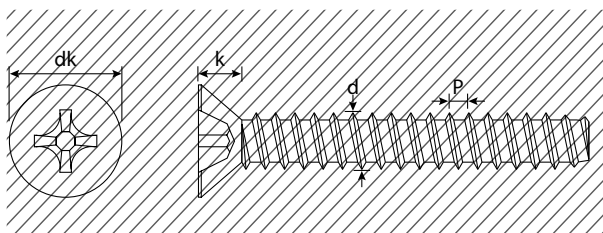
MORE INFO ON PAGE 14

DIN 7982-F • Uni 6955-B • ~ Iso 7050

TG 51 BASE  
Zinc Cr3 3µm  
24 hr  
RoHS compliant

### SELF-TAPPING SCREWS PH FLAT HEAD WITHOUT POINT (F-TYPE)

-  Viti autofilettanti testa svasata piana PH senza punta
-  Blechschrauben Senkkopf PH-Antrieb ohne Spitze
-  Vis à tôle tête fraisée PH sans pointe
-  Tornillos rosca chapa cabeza plana PH sin punta
-  Винты самонарезающие плоская потайная головка PH с плоским наконечником



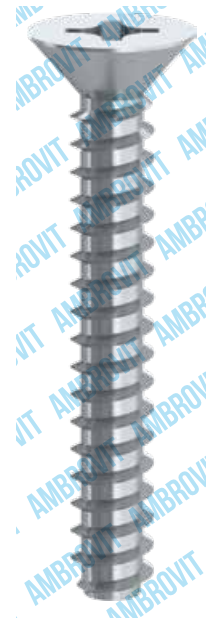
Diameters Diametri	Limits Limiti	dk	k	d	P
2,9	Min.	5,20	-1,70	2,76	-1,10
	Max.	5,50		2,90	
3,5	Min.	6,44	-2,10	3,35	-1,30
	Max.	6,80		3,53	
3,9	Min.	7,14	-2,30	3,73	-1,40
	Max.	7,50		3,91	
4,2	Min.	7,74	-2,50	4,04	-1,40
	Max.	8,10		4,22	
4,8	Min.	9,14	-3,00	4,62	-1,60
	Max.	9,50		4,80	

## C1022

-  **Carbon steel: C1022**  
Acciaio temperato: C1022
-  **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
-  **Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410

# 07982

## TSP PH S/P



FINISHING		PACKAGING			
SIZES MISURE					
		€ / 1.000			
NEW	<b>2,9 x 9,5</b>	15,70	24.000 (24)	4.000 (4)	1.000
	<b>13</b>	17,40	24.000 (24)	4.000 (4)	1.000
	<b>16</b>	21,20	12.000 (12)	4.000 (4)	1.000
NEW NEW NEW	<b>3,5 x 9,5</b>	19,60	12.000 (12)	4.000 (4)	1.000
	<b>13</b>	19,90	12.000 (12)	4.000 (4)	1.000
	<b>16</b>	23,20	12.000 (12)	4.000 (4)	1.000
	<b>19</b>	29,00	12.000 (12)	4.000 (4)	1.000
	<b>22</b>	31,70	12.000 (12)	4.000 (4)	1.000
NEW NEW NEW NEW	<b>25</b>	35,00	8.000 (8)	4.000 (4)	1.000
	<b>3,9 x 9,5</b>	22,40	24.000 (24)	4.000 (4)	1.000
	<b>13</b>	23,70	12.000 (12)	4.000 (4)	1.000
	<b>16</b>	26,90	12.000 (12)	4.000 (4)	1.000
	<b>19</b>	31,40	12.000 (12)	4.000 (4)	1.000
NEW NEW NEW NEW	<b>22</b>	35,10	8.000 (8)	4.000 (4)	1.000
	<b>25</b>	38,50	8.000 (8)	4.000 (4)	1.000
	<b>32</b>	49,00	6.000 (12)	2.000 (4)	500
	<b>4,2 x 9,5</b>	24,40	12.000 (12)	4.000 (4)	1.000
	<b>13</b>	27,40	12.000 (12)	4.000 (4)	1.000
NEW NEW NEW NEW	<b>16</b>	31,10	12.000 (12)	4.000 (4)	1.000
	<b>19</b>	34,00	8.000 (8)	4.000 (4)	1.000
	<b>22</b>	37,60	8.000 (8)	4.000 (4)	1.000
	<b>25</b>	45,60	6.000 (6)	2.000 (2)	1.000
	<b>32</b>	52,60	4.000 (8)	2.000 (4)	500
NEW NEW NEW NEW NEW NEW NEW	<b>4,8 x 13</b>	34,70	12.000 (12)	4.000 (4)	1.000
	<b>16</b>	40,00	8.000 (8)	4.000 (4)	1.000
	<b>19</b>	46,40	6.000 (12)	2.000 (4)	500
	<b>22</b>	51,40	6.000 (12)	2.000 (4)	500
	<b>25</b>	58,00	4.000 (8)	2.000 (4)	500
	<b>32</b>	70,00	4.000 (8)	2.000 (4)	500
	<b>38</b>	80,80	3.000 (6)	1.000 (2)	500
	<b>45</b>	95,20	2.400 (12)	800 (4)	200
<b>50</b>	106,00	1.600 (8)	800 (4)	200	

Screws / Self-tapping

# 79826

TSP TX



**NEW**  
PRODUCT

ALWAYS UP-TO-DATE WITH REGULATIONS

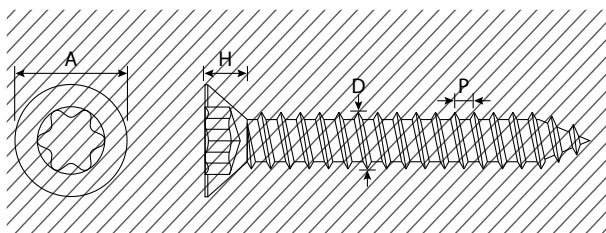


DIN 7982 • Uni 6955



## SELF-TAPPING SCREWS TX FLAT HEAD

- Viti autofilettanti testa svasata piana TX
- Blechschrauben Senkkopf TX-Antrieb
- Vis à tôle tête fraisée TX
- Tornillos rosca chapa con cabeza plana TX
- Винты самонарезающие плоская потайная головка, шлиц TX



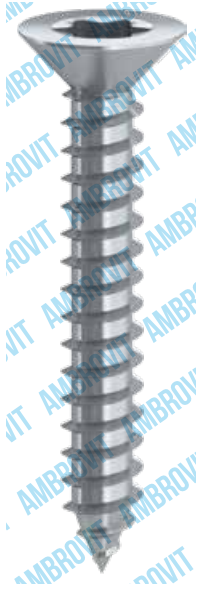
Diameters Diametri	Limits Limiti	A	D	H	P	TX
2,9	Min.	5,20	2,76	~1,70	~1,10	T10
	Max	5,50	2,90			
3,5	Min.	6,44	3,35	~2,10	~1,30	T15
	Max	6,80	3,53			
3,9	Min.	7,14	3,73	~2,30	~1,30	T20
	Max	7,50	3,91			
4,2	Min.	7,74	4,04	~2,50	~1,40	T20
	Max	8,10	4,22			
4,8	Min.	9,14	4,62	~3,00	~1,60	T25
	Max	9,50	4,80			
5,5	Min.	10,37	5,28	~3,40	~1,80	T25
	Max	10,80	5,46			

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410

# 79826

## TSP TX



FINISHING		PACKAGING			
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
<b>2,9 x 6,5</b>	T10	19,00	48.000 (24)	8.000 (4)	2.000
<b>9,5</b>	T10	18,50	24.000 (24)	4.000 (4)	1.000
<b>13</b>	T10	20,00	24.000 (24)	4.000 (4)	1.000
<b>16</b>	T10	21,00	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T10	22,50	12.000 (12)	4.000 (4)	1.000
<b>3,5 x 9,5</b>	T15	19,20	24.000 (24)	4.000 (4)	1.000
<b>13</b>	T15	20,20	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T15	22,00	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T15	23,80	12.000 (12)	4.000 (4)	1.000
<b>22</b>	T15	28,30	12.000 (12)	4.000 (4)	1.000
<b>25</b>	T15	31,00	8.000 (8)	4.000 (4)	1.000
<b>32</b>	T15	39,40	6.000 (12)	2.000 (4)	500
<b>38</b>	T15	45,60	4.000 (8)	2.000 (4)	500
<b>3,9 x 9,5</b>	T20	20,50	24.000 (24)	4.000 (4)	1.000
<b>13</b>	T20	21,90	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T20	23,70	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T20	26,20	12.000 (12)	4.000 (4)	1.000
<b>22</b>	T20	31,20	8.000 (8)	4.000 (4)	1.000
<b>25</b>	T20	32,50	8.000 (8)	4.000 (4)	1.000
<b>32</b>	T20	40,50	6.000 (12)	2.000 (4)	500
<b>38</b>	T20	52,50	4.000 (8)	2.000 (4)	500

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
<b>4,2 x 9,5</b>	T20	22,60	12.000 (12)	4.000 (4)	1.000
<b>13</b>	T20	24,30	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T20	26,30	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T20	29,70	8.000 (8)	4.000 (4)	1.000
<b>22</b>	T20	32,90	8.000 (8)	4.000 (4)	1.000
<b>25</b>	T20	37,00	6.000 (6)	2.000 (2)	1.000
<b>32</b>	T20	44,50	4.000 (8)	2.000 (4)	500
<b>38</b>	T20	56,30	4.000 (8)	2.000 (4)	500
<b>45</b>	T20	76,40	3.000 (6)	1.000 (2)	500
<b>50</b>	T20	102,00	2.000 (4)	1.000 (2)	500
<b>4,8 x 13</b>	T25	33,60	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T25	36,10	8.000 (8)	4.000 (4)	1.000
<b>19</b>	T25	39,70	6.000 (12)	2.000 (4)	500
<b>22</b>	T25	46,70	6.000 (12)	2.000 (4)	500
<b>25</b>	T25	45,30	4.000 (8)	2.000 (4)	500
<b>32</b>	T25	61,00	4.000 (8)	2.000 (4)	500
<b>38</b>	T25	67,00	3.000 (6)	1.000 (2)	500
<b>45</b>	T25	90,50	2.400 (12)	800 (4)	200
<b>50</b>	T25	116,80	1.600 (8)	800 (4)	200
<b>5,5 x 19</b>	T25	62,40	6.000 (12)	2.000 (4)	500
<b>22</b>	T25	71,40	4.000 (8)	2.000 (4)	500
<b>25</b>	T25	76,40	4.000 (8)	2.000 (4)	500
<b>32</b>	T25	99,30	3.000 (6)	1.000 (2)	500
<b>38</b>	T25	109,00	2.400 (12)	800 (4)	200
<b>45</b>	T25	137,70	1.600 (8)	800 (4)	200
<b>50</b>	T25	158,60	1.200 (6)	400 (2)	200
<b>60</b>	T25	169,50	1.200 (6)	400 (2)	200
<b>70</b>	T25	199,60	800 (4)	400 (2)	200

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 79380

## TMT PH



ALWAYS UP-TO-DATE WITH REGULATIONS

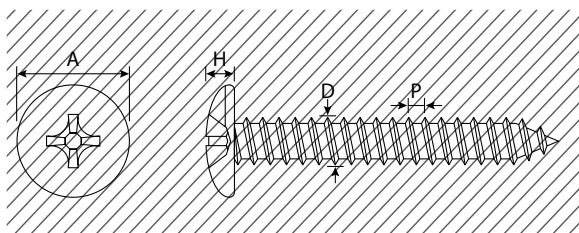


MORE INFO ON PAGE 14



### SELF-TAPPING SCREWS PH TRUSS HEAD

- Viti autofilettanti testa mezza tonda PH
- Blechschrauben Flachrundkopf PH-Antrieb
- Vis à tôle tête bombée large PH
- Tornillos rosca chapa cabeza abombada PH
- Винты самонарезающие полукруглая головка PH



Diameters Diametri	Limits Limiti	A	H	D	P	PH
3,5	Min.	7,70	1,88	3,35	-1,30	2
	Max.	8,15	2,18	3,53		
3,9	Min.	8,46	2,06	3,73	-1,30	2
	Max.	8,94	2,39	3,91		
4,2	Min.	9,25	2,24	4,04	-1,40	2
	Max.	9,75	2,59	4,22		
4,8	Min.	10,80	2,62	4,62	-1,60	2
	Max.	11,38	3,00	4,80		
5,5	Min.	12,37	3,00	5,28	-1,80	3
	Max.	12,98	3,40	5,46		

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- **Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410
- **Threaded section: as per listing**  
(Ex 4,8x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 4,8x70/60 = filetto 60)

# 79380

## TMT PH



SIZES MISURE	FINISHING		PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000			
<b>3,5 x 9,5</b>	14,75	20,53	12.000 (12)	4.000 (4)	1.000
<b>13</b>	15,40	22,05	12.000 (12)	4.000 (4)	1.000
<b>16</b>	16,75	24,05	12.000 (12)	4.000 (4)	1.000
<b>19</b>	18,10	26,20	12.000 (12)	4.000 (4)	1.000
<b>22</b>	21,50	30,92	8.000 (8)	4.000 (4)	1.000
<b>25</b>	22,30	32,39	8.000 (8)	4.000 (4)	1.000
<b>3,9 x 9,5</b>	16,30	23,26	12.000 (12)	4.000 (4)	1.000
<b>13</b>	17,65	25,10	12.000 (12)	4.000 (4)	1.000
<b>16</b>	19,05	27,09	12.000 (12)	4.000 (4)	1.000
<b>19</b>	21,15	30,66	8.000 (8)	4.000 (4)	1.000
<b>22</b>	25,25	36,17	8.000 (8)	4.000 (4)	1.000
<b>25</b>	26,30	38,17	6.000 (6)	2.000 (2)	1.000
<b>4,2 x 9,5</b>	18,85	26,67	12.000 (12)	4.000 (4)	1.000
<b>13</b>	20,15	28,51	8.000 (8)	4.000 (4)	1.000
<b>16</b>	21,90	31,08	8.000 (8)	4.000 (4)	1.000
<b>19</b>	23,80	33,81	8.000 (8)	4.000 (4)	1.000
<b>22</b>	27,25	38,96	6.000 (6)	2.000 (2)	1.000
<b>25</b>	28,60	40,43	6.000 (6)	2.000 (2)	1.000
<b>32</b>	37,50	54,44	4.000 (8)	2.000 (4)	500
<b>38</b>	47,40	67,99	3.000 (6)	1.000 (2)	500

SIZES MISURE	FINISHING		PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000			
<b>4,8 x 9,5</b>	32,10	45,94	8.000 (8)	4.000 (4)	1.000
<b>13</b>	28,05	39,85	6.000 (6)	2.000 (2)	1.000
<b>16</b>	30,00	42,89	6.000 (6)	2.000 (2)	1.000
<b>19</b>	32,85	47,51	6.000 (12)	2.000 (4)	500
<b>22</b>	36,60	52,03	4.000 (8)	2.000 (4)	500
<b>25</b>	37,60	53,60	4.000 (8)	2.000 (4)	500
<b>32</b>	50,80	71,98	3.000 (6)	1.000 (2)	500
<b>38</b>	55,70	79,64	2.000 (4)	1.000 (2)	500
<b>45</b>	75,40	107,21	1.600 (8)	800 (4)	200
<b>50</b>	97,30	139,39	1.600 (8)	800 (4)	200
<b>60</b>	126,70	180,71	1.200 (6)	400 (2)	200
<b>70/60</b>	151,65	215,93	800 (4)	400 (2)	200
<b>80/60</b>	169,20	241,92	800 (4)	400 (2)	200
<b>5,5 x 13</b>	40,25	58,22	4.000 (4)	2.000 (2)	1.000
<b>16</b>	46,65	67,36	4.000 (4)	2.000 (2)	1.000
<b>19</b>	51,85	73,50	4.000 (8)	2.000 (4)	500
<b>22</b>	59,35	84,21	4.000 (8)	2.000 (4)	500
<b>25</b>	63,60	90,30	3.000 (6)	1.000 (2)	500
<b>32</b>	83,10	117,92	2.000 (4)	1.000 (2)	500
<b>38</b>	90,75	130,15	2.400 (12)	800 (4)	200
<b>45</b>	114,70	163,80	1.600 (8)	800 (4)	200
<b>50</b>	131,85	188,32	1.200 (6)	400 (2)	200
<b>60</b>	158,40	225,07	800 (4)	400 (2)	200
<b>70/60</b>	187,20	266,39	800 (4)	400 (2)	200
<b>80/60</b>	204,00	290,90	800 (4)	400 (2)	200
<b>90/60</b>	245,00	350,60	400 (4)	200 (2)	100
<b>100/60</b>	294,55	421,00	400 (4)	200 (2)	100
<b>110/60</b>	352,35	545,74	400 (4)	200 (2)	100
<b>120/60</b>	469,80	704,50	400 (4)	200 (2)	100

Screws / Self-tapping

# 79870

TC CEI

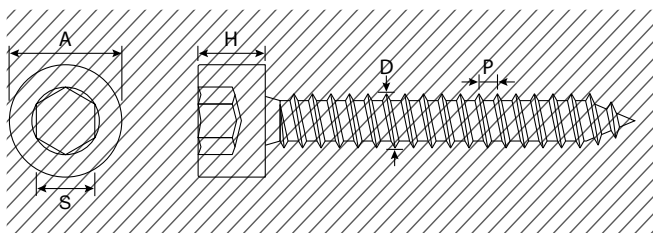


ALWAYS UP-TO-DATE WITH REGULATIONS



## SELF-TAPPING SCREWS HEXAGON SOCKET CYLINDER HEAD

- Viti autofilettanti testa cilindrica esagono incassato
- Blechschrauben Zylinderkopf mit Innensechskant
- Vis à tôle tête cylindrique six pans creux
- Tornillos rosca chapa cabeza cilíndrica hexágono interior
- Винты самонарезающие цилиндрическая головка с внутренним шестигранником



[ambrovit.it/video](http://ambrovit.it/video)  
**TUTORIAL**



Diameters Diametri	Limits Limiti	A	H	S	D	P
4,8	Min.	9,50	5,82	5,02	4,65	-1,60
	Max.	10,00	6,00	5,14	4,80	
5,5	Min.	9,50	5,82	5,02	5,31	-1,81
	Max.	10,00	6,00	5,14	5,46	
6,3	Min.	9,50	5,82	5,02	6,10	-1,81
	Max.	10,00	6,00	5,14	6,25	

## C1022

- Carbon steel: C1022**  
Acciaio temperato: C1022
- Case hardness: HV 450 Min**  
Durezza superficiale: HV 450 Min
- Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410



**PLAY**  
THE VIDEO



# 79870

## TC CEI



SIZES MISURE	FINISHING		PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000			
<b>4,8 x 13</b>	65,35	100,94	4.000 (8)	2.000 (4)	500
<b>16</b>	66,60	102,90	4.000 (8)	2.000 (4)	500
<b>19</b>	69,25	107,02	4.000 (8)	2.000 (4)	500
<b>22</b>	72,65	112,27	3.000 (6)	1.000 (2)	500
<b>25</b>	73,90	114,23	3.000 (6)	1.000 (2)	500
<b>32</b>	79,50	122,83	2.000 (4)	1.000 (2)	500
<b>38</b>	85,90	132,77	2.000 (4)	1.000 (2)	500
<b>45</b>	97,50	150,64	1.600 (8)	800 (4)	200
<b>50</b>	112,15	173,30	1.200 (6)	400 (2)	200
<b>60</b>	127,20	196,63	1.200 (6)	400 (2)	200
<b>70</b>	170,65	263,68	800 (4)	400 (2)	200
<b>5,5 x 13</b>	76,10	117,94	4.000 (8)	2.000 (4)	500
<b>16</b>	76,85	118,71	4.000 (8)	2.000 (4)	500
<b>19</b>	79,50	122,83	4.000 (8)	2.000 (4)	500
<b>22</b>	85,90	132,77	3.000 (6)	1.000 (2)	500
<b>25</b>	88,85	137,25	3.000 (6)	1.000 (2)	500
<b>32</b>	100,90	155,94	2.000 (4)	1.000 (2)	500
<b>38</b>	109,50	169,18	1.600 (8)	800 (4)	200
<b>45</b>	118,50	183,08	1.200 (6)	400 (2)	200
<b>50</b>	121,50	187,72	1.200 (6)	400 (2)	200
<b>6,3 x 19</b>	97,20	150,28	3.000 (6)	1.000 (2)	500
<b>22</b>	100,70	155,68	2.000 (4)	1.000 (2)	500
<b>25</b>	109,40	169,07	2.000 (4)	1.000 (2)	500
<b>32</b>	120,15	185,66	1.600 (8)	800 (4)	200
<b>38</b>	129,85	200,59	1.200 (6)	400 (2)	200
<b>45</b>	145,15	224,28	1.200 (6)	400 (2)	200
<b>50</b>	162,70	251,47	800 (4)	400 (2)	200

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 79770

## TE FL








ALWAYS UP-TO-DATE WITH REGULATIONS

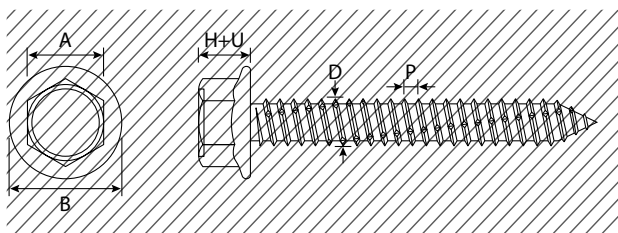


MORE INFO ON PAGE 14



### SELF-TAPPING SCREWS HEXAGON HEAD WITH FLANGE AND CUTTING THREAD

-  Viti autofilettanti TE flangia bombata automaschiante
-  Blechschrauben Sechskantkopf mit Flansch und Schneidgewinde
-  Vis à tôle tête hexagonale à embase
-  Tornillos rosca chapa cabeza hexagonal+arandela autorroscante
-  Винты самонарезающие шестигранная головка с выпуклой шайбой и резьбонарезающим ребрами



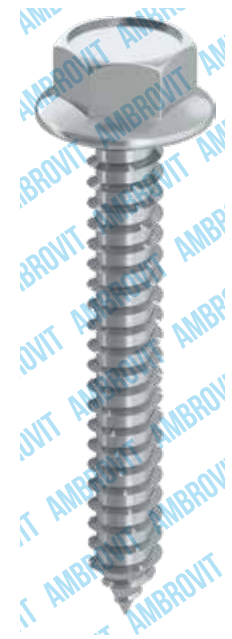
Diameters Diametri	Limits Limiti	A	B	H+U	D	P
6,3	Min.	9,78	14,20	-	6,10	~ 1,80
	Max.	10,00	15,00	6,70	6,25	

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HHV 560 Min
- **Core hardness: HV 270-425**  
Durezza a cuore: HV 270-425
- **Threaded section: as per listing**  
(Ex 6,3x65/60 = thread 60)  
Parte filettata: come da listino  
(Es. 6,3x65/60 = filetto 60)

# 79770

## TE FL



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

## FINISHING

## PACKAGING

SIZES  
MISURE

TG 51  
BLUE ZNC Cr3  
ZINCATE Cr3  
€ / 1.000



6,3 x 16	93,50	2.000 (4)	1.000 (2)	500
20	93,50	2.000 (4)	1.000 (2)	500
25	101,50	2.000 (4)	1.000 (2)	500
30	108,00	1.600 (8)	800 (4)	200
35	117,00	1.200 (6)	400 (2)	200
40	121,00	1.200 (6)	400 (2)	200
45	128,50	1.200 (6)	400 (2)	200
50	135,00	1.200 (6)	400 (2)	200
60	144,50	600 (6)	200 (2)	100
65/60	156,50	600 (6)	200 (2)	100
70/60	176,50	600 (6)	200 (2)	100
80/60	193,00	400 (4)	200 (2)	100
90/60	215,00	400 (4)	200 (2)	100
100/60	245,00	400 (4)	200 (2)	100
110/60	276,00	400 (4)	200 (2)	100
120/60	308,00	400 (4)	200 (2)	100
130/60	359,00	400 (4)	200 (2)	100
140/60	425,50	400 (4)	200 (2)	100
150/60	492,00	400 (4)	200 (2)	100
160/60	607,00	400 (4)	200 (2)	100
180/60	808,00	400 (4)	200 (2)	100
200/60	1.004,50	400 (4)	200 (2)	100

## TRANSPARENT ELASTIC PVC WASHERS

 Rondelle elastiche in PVC trasparente 
  Transparente Unterlegscheiben aus PVC  
 Rondelles élastiques en PVC transparente 
  Arandelas elásticas de PVC 
  Шайбы из пластикового ПВХ

# 00777

RON PVC



## SIZES

## PACKAGING

Ø External 14 mm - Internal 6 mm  
 Ø Esterno 14 mm - Interno 6 mm

€ / 1.000 **29,75**

100

# 59770

TE FL W



ALWAYS UP-TO-DATE WITH REGULATIONS

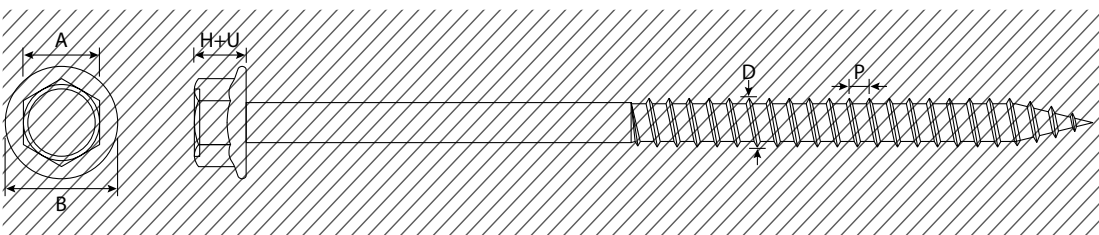


DIAM. 6,5

TG 51 BASE  
Znc Cr3 3µm  
24 hr  
RoHS compliant

## SELF-TAPPING SCREWS HEXAGON HEAD WITH FLANGE AND WOOD THREAD

- Viti autofilettanti testa esagonale flangia bombata per legno
- Blechschrauben Sechskantkopf mit Flansch und Holzgewinde
- Vis à tôle tête hexagonale à embase filet bois
- Tornillos rosca chapa cabeza hexagonal+arandela rosca madera
- Винты самонарезающие шестигранная головка с фланцем по дереву





Diameters Diametri	Limits Limiti	A	B	H+U	D	P
6,5	Min.	9,78	14,20	-	6,35	~ 2,60
	Max.	10,00	15,00	6,70	6,50	

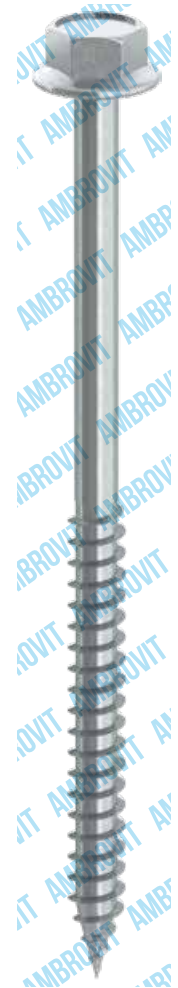
## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 450 Min**  
Durezza superficiale: HHV 450 Min
- **Core hardness: HV 270-410**  
Durezza a cuore: HV 270-410
- **Threaded section: as per listing**  
(Ex 6,5x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 6,5x70/60 = filetto 60)

# 59770

## TE FL W

FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000				
6,5 x 40	131,50	1.200 (6)	400 (2)	200	
50	146,00	800 (4)	400 (2)	200	
60	163,50	600 (6)	200 (2)	100	
70/60	187,00	600 (6)	200 (2)	100	
80/60	204,50	400 (4)	200 (2)	100	
90/60	219,00	400 (4)	200 (2)	100	
100/60	257,00	400 (4)	200 (2)	100	
110/60	292,00	400 (4)	200 (2)	100	
120/60	338,50	400 (4)	200 (2)	100	
130/60	408,50	400 (4)	200 (2)	100	
140/60	481,50	400 (4)	200 (2)	100	
150/60	554,50	400 (4)	200 (2)	100	
160/60	685,50	400 (4)	200 (2)	100	
180/60	875,00	400 (4)	200 (2)	100	



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

## TRANSPARENT ELASTIC PVC WASHERS

 Rondelle elastiche in PVC trasparente 
  Transparente Unterlegscheiben aus PVC  
 Rondelles élastiques en PVC transparente 
  Arandelas elásticas de PVC 
  Шайбы из пластикового ПВХ






# 00777

RON PVC



SIZES	PACKAGING
Ø External 14 mm - Internal 6 mm Ø Esterno 14 mm - Interno 6 mm	
€ / 1.000 <b>29,75</b>	100

# CONCRETE SCREWS

-  Viti per calcestruzzo
-  Betonschrauben
-  Vis béton
-  Tornillos para hormigón
-  Винты по бетону



**AMBROVIT®** MAIN DATA

**44,000**  
PALLETS









**3,000**  
TRAYS

**1,500**  
CLIENTS

**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS

# NEW PRODUCT

<p><b>07075</b> TE FL <b>NEW</b> <small>PRODUCT</small> <b>PAGE 318</b></p>  <p><b>TG 41</b> SUPER TOP ENDURO 1,000 hr <small>RoHS</small></p>	<p><b>07070</b> TE FL (W) <b>NEW</b> <small>PRODUCT</small> <b>PAGE 319</b></p>  <p><b>TG 41</b> SUPER TOP ENDURO 1,000 hr <small>RoHS</small></p>
<p><b>07090</b> TSP TX (K) <b>NEW</b> <small>PRODUCT</small> <b>PAGE 321</b></p>  <p><b>TG 41</b> SUPER TOP ENDURO 1,000 hr <small>RoHS</small></p>	<p><b>07080</b> TC TX (P) <b>NEW</b> <small>PRODUCT</small> <b>PAGE 322</b></p>  <p><b>TG 41</b> SUPER TOP ENDURO 1,000 hr <small>RoHS</small></p>
<p><b>07082</b> TMT TX (T) <b>NEW</b> <small>PRODUCT</small> <b>PAGE 323</b></p>  <p><b>TG 41</b> SUPER TOP ENDURO 1,000 hr <small>RoHS</small></p>	<p><b>07072</b> TSP TX <b>PAGE 324</b></p>  <p><b>DIAM. 7.5</b></p>
<p><b>07062</b> TC TX <b>PAGE 326</b></p>  <p><b>DIAM. 7.5</b></p>	<p><b>07065</b> TC TX <b>PAGE 328</b></p>  <p><b>DIAM. 5.0</b></p>

SPECIAL BOX

BLIND RIVETS

STAINLESS STEEL SCREWS

HEX LAG SCREWS

DRYWALL SCREWS

CARPENTRY WOOD SCREWS

CHIPBOARD SCREWS

DOME & EURO SCREWS

MACHINE SCREWS

TRILOBULAR SCREWS NUTS BOLTS WASHERS THREADED RODS

SELF-TAPPING SCREWS

CONCRETE SCREWS

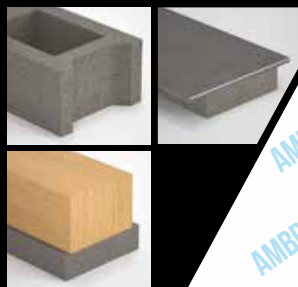
BLOCKFRAME SCREWS

SELF-DRILLING SCREWS

BITS

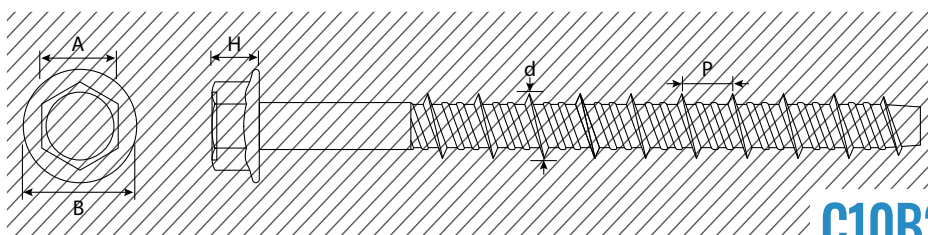
# 07075

TE FL

**NEW  
PRODUCT**

## CONCRETE SCREWS HEXAGON WASHER HEAD WITH SPECIAL TRILOW THREAD

- Viti per calcestruzzo testa esagonale flangiata con filetto speciale TRILOW
- Betonschrauben Sechskant-Flanschkopf mit speziellem TRILOW-Gewinde
- Vis béton tête hexagonal à embase avec filetage spécial TRILOW
- Tornillos para hormigón cabeza hexagonal+arandela con rosca especial TRILOW
- Винты по бетону шестигранная головка с фланцем TRILOW-резьба



### C10B21

Diameters Diametri	Limits Limiti	A	B	H	d	P
6,3	Min.	7,78	11,80	5,00	6,05	5,00
	Max	8,00		5,40	6,55	

- Carbon steel: C10B21  
Acciaio temperato: C10B21
- Threaded section: as per listing  
(Ex 6,3x50/40 = thread 40)  
Parte filettata: come da listino  
(Es. 6,3x50/40 = filetto 40)

SIZES MISURE	Prehole Preforo	Thickness of fixture Spessore fissabile Max	Drill depth min. Profondità min. foro mm	Embedment depth Profondità inserimento mm	Effective anchorage depth Profondità di ancoraggio mm	FINISHING / PACKAGING	
						TG 41 ENDURO ENDURO €/ 1.000	
6,3 x 30	5	5	35	25	15,50	191,00	100
40	5	10	45	35	25,50	218,00	100
50/40	5	15	50	40	30,50	243,00	100
60/40	5	20				272,00	100



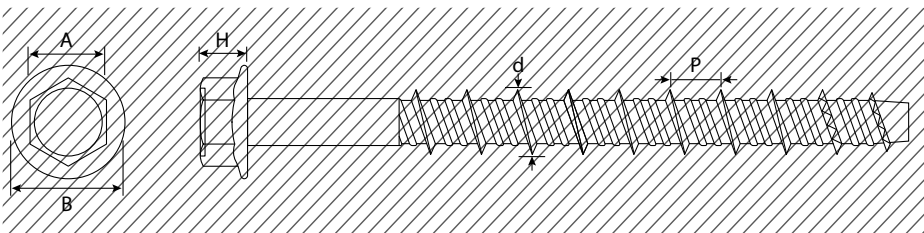
**07070**

TE FL (W)

**NEW**  
PRODUCT

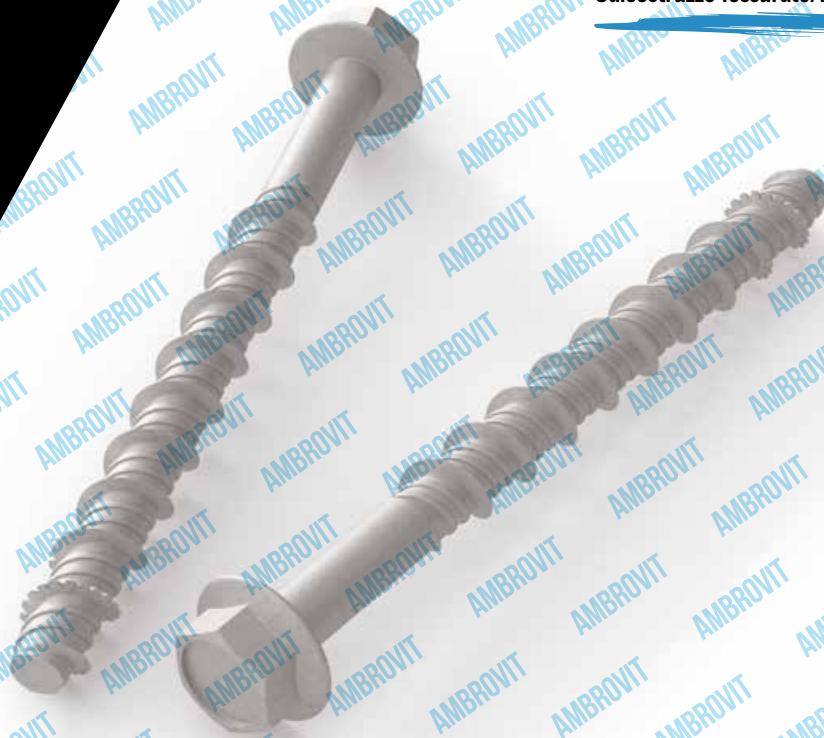
## CONCRETE SCREWS HEXAGON WASHER HEAD WITH SPECIAL TRILOW THREAD

- Viti per calcestruzzo testa esagonale flangiata con filetto speciale TRILOW
- Betonschrauben Sechskant-Flanschkopf mit speziellem TRILOW-Gewinde
- Vis béton tête hexagonale à embase avec filetage spécial TRILOW
- Tornillos para hormigón cabeza hexagonal+arandela con rosca especial TRILOW
- Винты по бетону шестигранная головка с фланцем TRILOW-резьба



Diameters Diametri	Limits Limiti	A	B	H	d	P
7,5	Min.	9,78	14,20	6,20	7,25	6,00
	Max	10,00		6,60	7,75	
10,5	Min.	12,73	18,00	7,70	10,25	8,00
	Max	13,00		8,10	10,75	
12,5	Min.	14,73	22,30	8,70	12,25	10,00
	Max	15,00		9,20	12,75	
16,5	Min.	17,73	30,50	12,30	16,25	10,00
	Max	18,00		12,80	16,75	

Cracked/uncracked concrete  
Calcestruzzo fessurato/non fessurato




# 07070

## TE FL (W)



### CONCRETE SCREWS HEXAGON WASHER HEAD WITH SPECIAL TRILOW THREAD

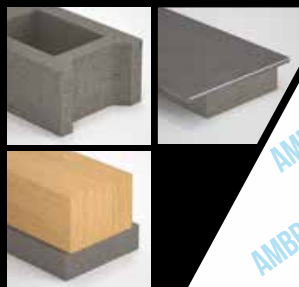
-  Viti per calcestruzzo testa esagonale flangiata con filetto speciale TRILOW
-  Betonschrauben Sechskant-Flanschkopf mit speziellem TRILOW-Gewinde
-  Vis béton tête hexagonal à embase avec filetage spécial TRILOW
-  Tornillos para hormigón cabeza hexagonal+arandela con rosca especial TRILOW
-  Винты по бетону шестигранная головка с фланцем TRILOW-резьба

TECHNICAL DATA						FINISHING / PACKAGING	
SIZES MISURE	Prehole Preforo	Thickness of fixture Spessore fissabile Max	Drill depth min. Profondità min. foro	Embedment depth Profondità inserimento	Effective anchorage depth Profondità di ancoraggio	TG 41 ENDURO ENDURO €/ 1.000	
	Ø		mm	mm	mm		
<b>7,5 x 60/55</b>	6	5	65	55	42	639,00	50
<b>80/55</b>	6	25				737,00	50
<b>100/55</b>	6	45				874,00	50
<b>10,5 x 65/60</b>	8	5	70	60	45	1.136,00	50
<b>75/60</b>	8	15				1.212,00	50
<b>90/60</b>	8	30				1.278,00	50
<b>110/60</b>	8	50				1.584,00	50
<b>12,5 x 75/70</b>	10	5	85	70	52	2.187,00	25
<b>85/70</b>	10	15				2.301,00	25
<b>100/70</b>	10	30				2.519,00	25
<b>120/70</b>	10	50				2.829,00	25
<b>140/70</b>	10	70				3.234,00	25
<b>16,5 x 115/110</b>	14	5	130	110	86	5.425,00	20
<b>135/110</b>	14	25				6.132,00	20
<b>160/110</b>	14	50				7.241,00	15



# 07090

## TSP TX (K)

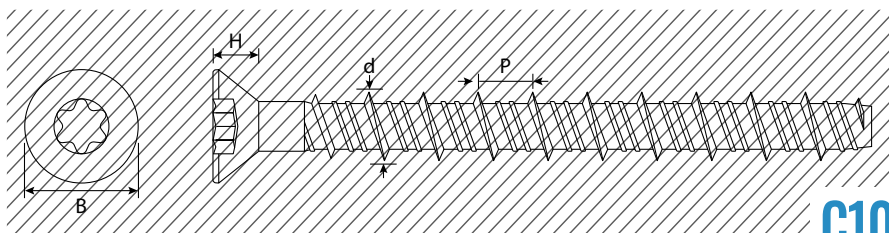


### NEW PRODUCT



## CONCRETE SCREWS FLAT COUNTERSUNK HEAD WITH SPECIAL TRILOW THREAD

- Viti per calcestruzzo TSP TX con filetto speciale TRILOW
- Betonschrauben Senkkopf TX-Antrieb mit speziellem TRILOW-Gewinde
- Vis béton tête fraisée TX avec filetage spécial TRILOW
- Tornillos para hormigón cabeza plana TX con rosca especial TRILOW
- Винты по бетону плоская потайная головка, шлиц TX, TRILOW-резьба



Diameters Diametri	Limits Limiti	B	H	d	P	TX
7,5	Min.	11,90	4,95	7,25	6,00	T30
	Max	12,90	5,05	7,75		

## C10B21

- Carbon steel: C10B21  
Acciaio temperato: C10B21
- Threaded section: as per listing  
(Ex 7,5x72/62 = thread 62)  
Parte filettata: come da listino  
(Es. 7,5x72/62 = filetto 62)

### TECHNICAL DATA

SIZES MISURE	TX	Prehole Preforo	Thickness of fixture Spessore fissabile	Drill depth min. Profondità min. foro	Embedment depth Profondità inserimento	Effective anchorage depth Profondità di ancoraggio
		Ø	Max	mm	mm	mm
7,5 x 72/62	T30	6	17	65	55	42
92/82	T30	6	37			
112/102	T30	6	57			
132/122	T30	6	77			

### FINISHING / PACKAGING

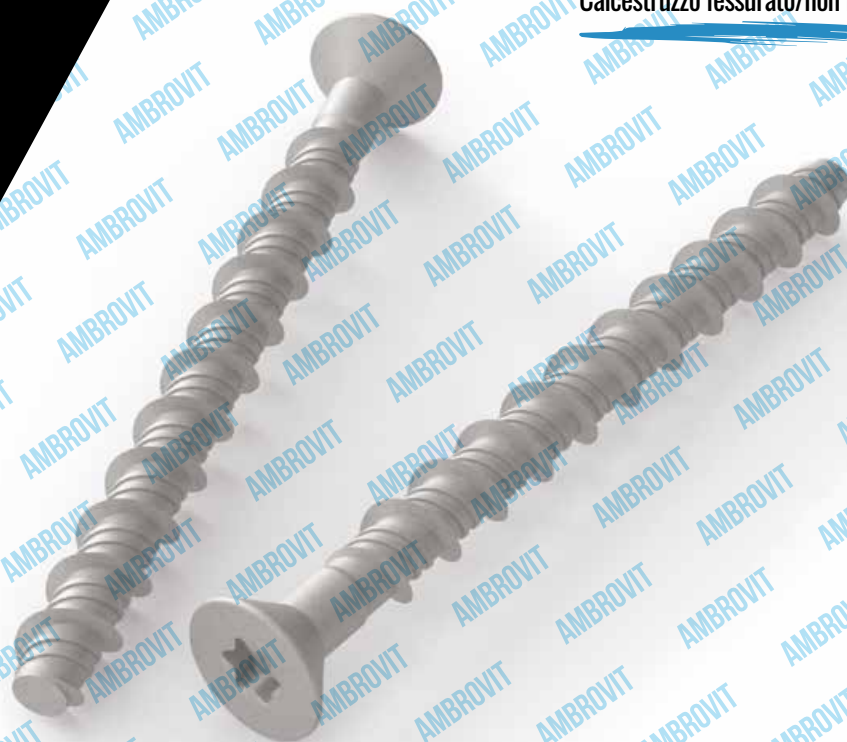


TG 41  
ENDURO  
ENDURO  
€/1,000



760,00	50
913,00	50
1.032,00	50
1.420,00	50

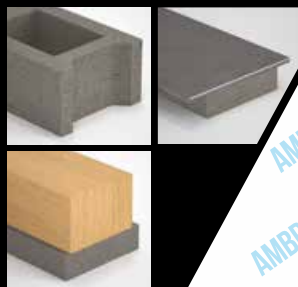
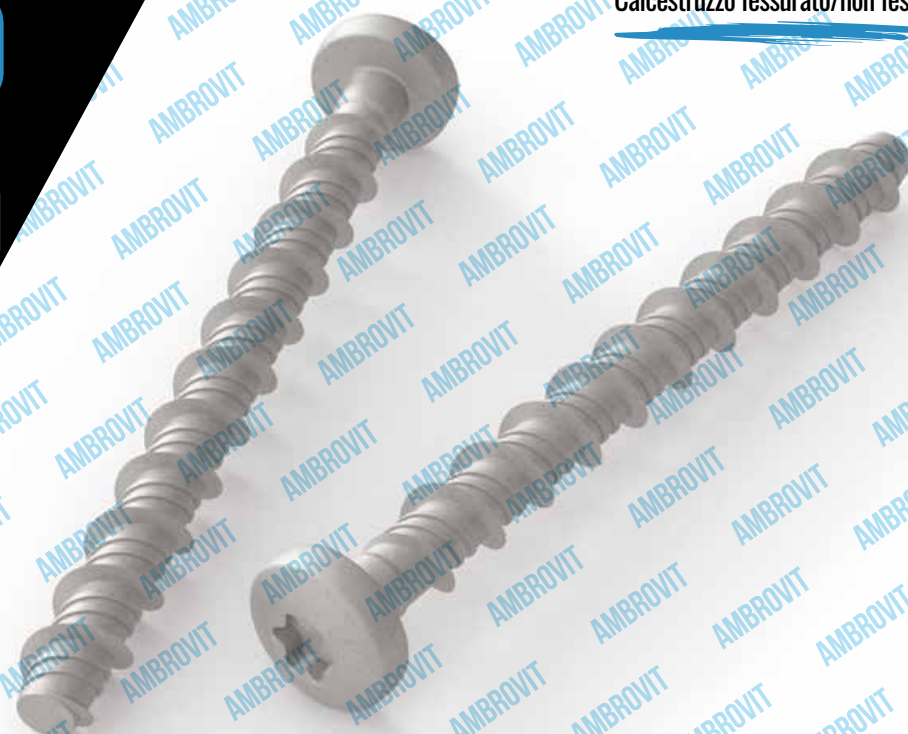
Cracked/uncracked concrete  
Calcestruzzo fessurato/non fessurato



TG 41 SUPER TOP  
ENDURO  
1,000 hr  
RoHS

# 07080

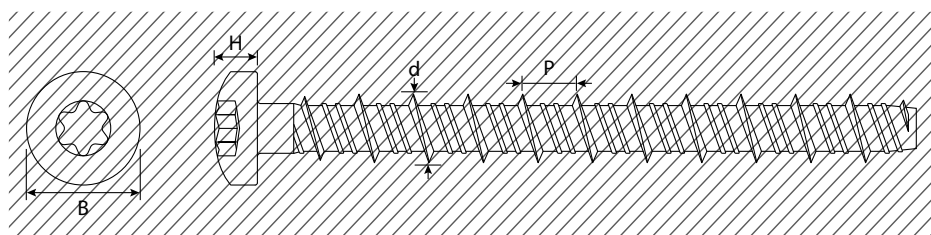
TC TX (P)

**NEW  
PRODUCT**Cracked/uncracked concrete  
Calcestruzzo fessurato/non fessurato
**TG 41** SUPER TOP  
**ENDURO**  
 1,000 hr  
 RoHS Compliant

 Добровольная  
**PG**  
 сертификация

## CONCRETE SCREWS PAN HEAD WITH SPECIAL TRILOW THREAD

- Viti per calcestruzzo testa cilindrica TX con filetto speciale TRILOW
- Betonschrauben Pan Head TX-Antrieb mit speziellem TRILOW-Gewinde
- Vis béton tête cylindrique TX avec filetage spécial TRILOW
- Tornillos para hormigón cabeza redonda TX con rosca especial TRILOW
- Винты по бетону полукруглая головка, шлиц TX, TRILOW-резьба



Diameters Diametri	Limits Limiti	B	H	d	P	TX
7,5	Min.	12,00	4,00	7,25	6,00	T30
	Max	13,00	5,00	7,75		

## C10B21

 ■ Carbon steel: C10B21  
 Acciaio temperato: C10B21

### TECHNICAL DATA

SIZES MISURE	TX	Prehole Preforo	Thickness of fixture Spessore fissabile Max	Drill depth min. Profondità min. foro	Embedment depth Profondità inserimento	Effective anchorage depth Profondità di ancoraggio
7,5 x 72	T30	6	17	65	55	42

### FINISHING / PACKAGING

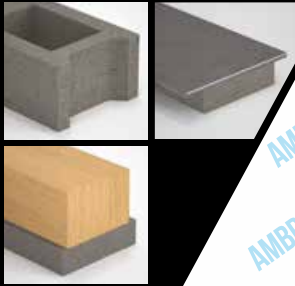

**TG 41**  
**ENDURO**  
 ENDURO

 € / 1.000  
 822,00

50

# 07082

## TMT TX (T)

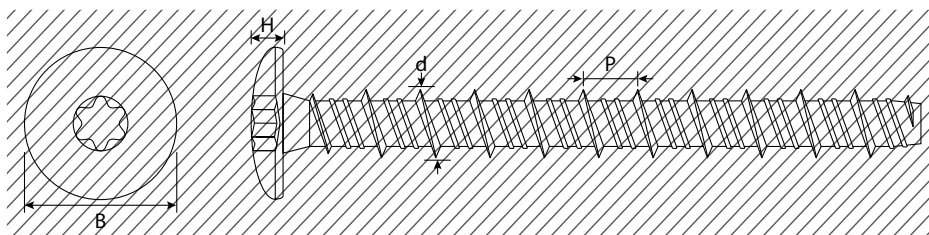


### NEW PRODUCT

**Option 1**

## CONCRETE SCREWS TRUSS HEAD WITH REINFORCED NECK AND SPECIAL TRILOW THREAD

- Viti per calcestruzzo TMT TX con rinforzo e filetto speciale TRILOW
- Betonschrauben Flachrundkopf mit verstärktem Kopf und speziellem TRILOW-Gewinde
- Vis béton tête disque TX avec col renforcé et filetage spécial TRILOW
- Tornillos para hormigón cabeza abombada TX con cuello reforzado y rosca especial TRILOW
- Винты по бетону полукруглая головка с прессшайбой с усиленной головкой, шлиц TX, TRILOW-резьба



Diameters Diametri	Limits Limiti	B	H	d	P	TX
7,5	Min.	16,00	3,25	7,25	6,00	T30
	Max	17,00	3,75	7,75		

## C10B21

■ Carbon steel: C10B21  
Acciaio temperato: C10B21

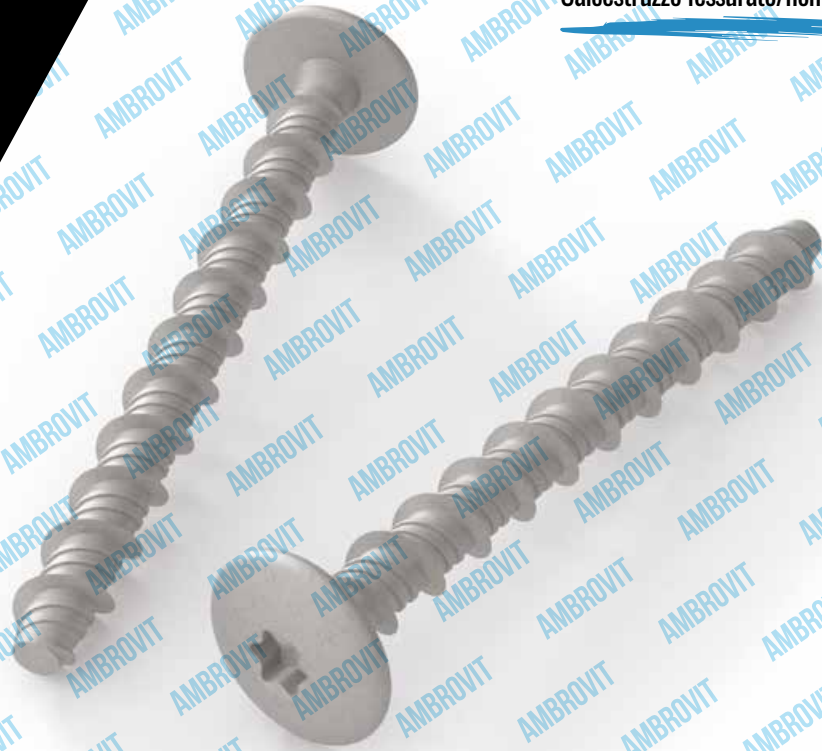
### TECHNICAL DATA

SIZES MISURE	TX	Prehole Preforo	Thickness of fixture Spessore fissabile Max	Drill depth min. Profondità min. foro	Embedment depth Profondità inserimento	Effective anchorage depth Profondità di ancoraggio
		Ø	mm	mm	mm	mm
7,5 x 60	T30	6	5	65	55	42
	T30	6	20			

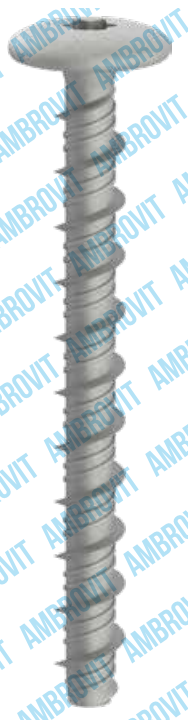
### FINISHING / PACKAGING

TG 41 ENDURO ENDURO	€/1,000	Quantity
TG 41 ENDURO ENDURO	765,00	50
TG 41 ENDURO ENDURO	838,00	50

Cracked/uncracked concrete  
Calcestruzzo fessurato/non fessurato



TG 41 SUPER TOP  
ENDURO  
1,000 hr  
RoHS



# 07072

TSP TX



DIAM. 7,5

preforo: punta 6mm  
prehole: tip 6mm

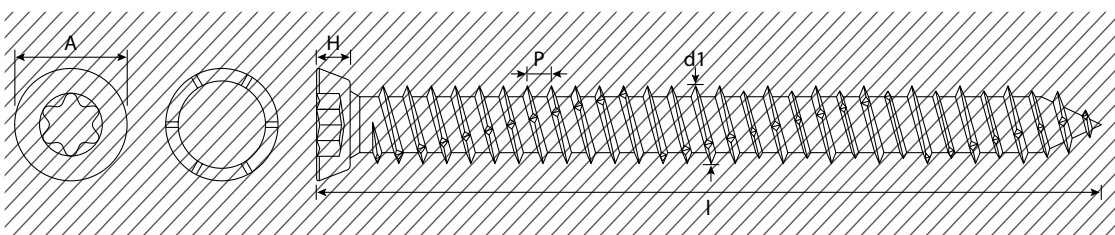


ALWAYS UP-TO-DATE WITH REGULATIONS

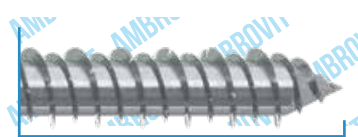


## CONCRETE SCREWS TX FLAT HEAD DIAMETER 7,5 MM

- Viti per calcestruzzo testa svasata piana TX diametro 7,5 mm
- Betonschrauben Senkkopf TX-Antrieb Durchmesser 7,5 mm
- Vis béton tête fraisée TX diamètre 7,5 mm
- Tornillos para hormigón cabeza plana TX diámetro 7,5 mm
- Винты по бетону потайная головка, шлиц TX диаметр 7,5 мм



Diameters Diametri	Limits Limiti	A	H	d1	P	TX
7,5	Min.	10,40	2,70	7,30	2,30	T30
	Max.	11,10	3,10	7,60	±10%	






The last pitches with HI-LO screw-thread  
Parte finale della filettatura con filetto HI-LO

## C1022

- Carbon steel: C1022  
Acciaio temperato: C1022
- Case hardness: HV 560 Min  
Durezza superficiale: HV 560 Min
- Core hardness: HV 315-390  
Durezza a cuore: HV 315-390

# 07072






## TSP TX

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
* 7,5 x 52	T30	137,00	600 (6)	200 (2)	100
62	T30	153,00	600 (6)	200 (2)	100
72	T30	172,00	600 (6)	200 (2)	100
82	T30	207,00	600 (6)	200 (2)	100
92	T30	232,00	400 (4)	200 (2)	100
102	T30	256,00	400 (4)	200 (2)	100
112	T30	285,00	400 (4)	200 (2)	100
122	T30	317,00	400 (4)	200 (2)	100
132	T30	357,00	400 (4)	200 (2)	100
142	T30	391,00	400 (4)	200 (2)	100
* 152	T30	425,00	400 (4)	200 (2)	100
162	T30	492,00	400 (4)	200 (2)	100
* 172	T30	587,00	400 (4)	200 (2)	100
182	T30	659,00	400 (4)	200 (2)	100
202	T30	759,00	400 (4)	200 (2)	100
212	T30	1.131,00	600 (6)	200 (2)	100
252	T30	1.854,00	400 (4)	200 (2)	100
302	T30	2.608,00	400 (4)	200 (2)	100

\* Sizes available with head diameter min. 11 max 12 mm  
Misure disponibili con diametro testa min. 11 max 12 mm

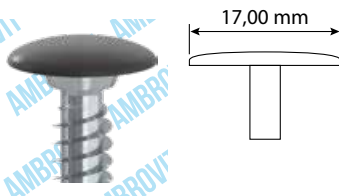









## PLASTIC CAPS FOR CONCRETE SCREWS

-  Cappucci coprivite per viti per calcestruzzo
-  Abdeckkappen aus Kunststoff für Betonschrauben
-  Caches en plastique pour vis béton
-  Tapones tapa-tornillos de plástico para tornillos para hormigón
-  Декоративные заглушки из пластика для винтов по бетону

## 07000

CAP TX 30



COLOUR AND CODE						PACKAGING
						
TG 21 WHITE BIANCO	TG 22 GREY GRIGIO	TG 23 BLACK NERO	TG 24 OCHRE OCRA	TG 25 LIGHT BROWN MARRONE CHIARO	TG 26 DARK BROWN MARRONE SCURO	
€/1.000 27,75						1.000

Screws / Concrete

# 07062

TC TX



**DIAM. 7,5**

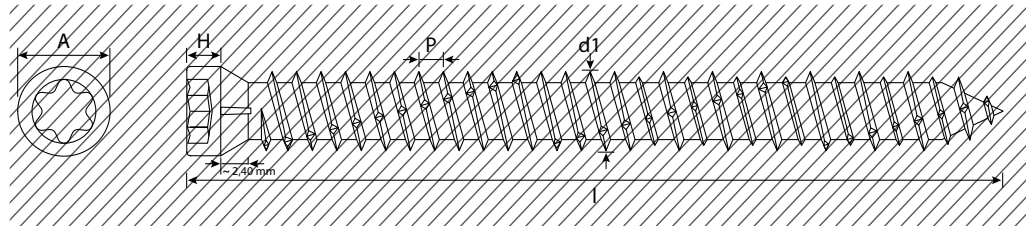


ALWAYS UP-TO-DATE WITH REGULATIONS

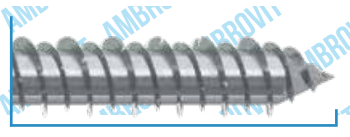


## CONCRETE SCREWS TX CYLINDER HEAD DIAMETER 7,5 MM

- Viti per calcestruzzo testa cilindrica TX diametro 7,5 mm
- Betonschrauben Zylinderkopf TX-Antrieb Durchmesser 7,5 mm
- Vis béton tête cylindrique TX diamètre 7,5 mm
- Tornillos para hormigón cabeza cilíndrica TX diámetro 7,5 mm
- Винты по бетону цилиндрическая головка, шлиц TX диаметр 7,5 мм



Diameters Diametri	Limits Limiti	A	H	d1	P	TX
7,5	Min.	8,35	2,80	7,30	2,30	T30
	Max.	8,50	3,30	7,60	±10%	



The last pitches with HI-LO screw-thread  
Parte finale della filettatura con filetto HI-LO

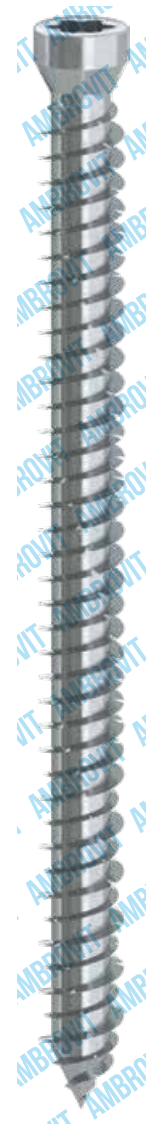
## C1022




- Carbon steel: C1022  
Acciaio temperato: C1022
- Case hardness: HV 560 Min  
Durezza superficiale: HV 560 Min
- Core hardness: HV 315-390  
Durezza a cuore: HV 315-390




# 07062

## TC TX



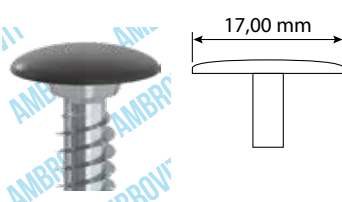
FINISHING		PACKAGING			
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
7,5 x 52	T30	134,00	600 (6)	200 (2)	100
62	T30	151,00	600 (6)	200 (2)	100
72	T30	170,00	600 (6)	200 (2)	100
82	T30	205,00	600 (6)	200 (2)	100
92	T30	228,00	400 (4)	200 (2)	100
102	T30	251,00	400 (4)	200 (2)	100
112	T30	279,00	400 (4)	200 (2)	100
122	T30	310,00	400 (4)	200 (2)	100
132	T30	352,00	400 (4)	200 (2)	100
142	T30	387,00	400 (4)	200 (2)	100
152	T30	416,00	400 (4)	200 (2)	100
162	T30	487,00	400 (4)	200 (2)	100
172	T30	581,00	400 (4)	200 (2)	100
182	T30	646,00	400 (4)	200 (2)	100
202	T30	744,00	400 (4)	200 (2)	100
212	T30	1.107,00	600 (6)	200 (2)	100
252	T30	1.814,00	400 (4)	200 (2)	100
302	T30	2.550,00	400 (4)	200 (2)	100

## PLASTIC CAPS FOR CONCRETE SCREWS

-  Cappucci coprivite per viti per calcestruzzo 
  Abdeckkappen aus Kunststoff für Betonschrauben  
 Caches en plastique pour vis béton 
  Tapones tapa-tornillos de plástico para tornillos para hormigón  
 Декоративные заглушки из пластика для винтов по бетону

## 07000

CAP TX 30



COLOUR AND CODE						PACKAGING
						
TG 21 WHITE BIANCO	TG 22 GREY GRIGIO	TG 23 BLACK NERO	TG 24 OCHRE OCRA	TG 25 LIGHT BROWN MARRONE CHIARO	TG 26 DARK BROWN MARRONE SCURO	
€/1.000 27,75						1.000

# 07065

TC TX



**DIAM. 5,0**

preforo: punta 6mm  
prehole: tip 6mm

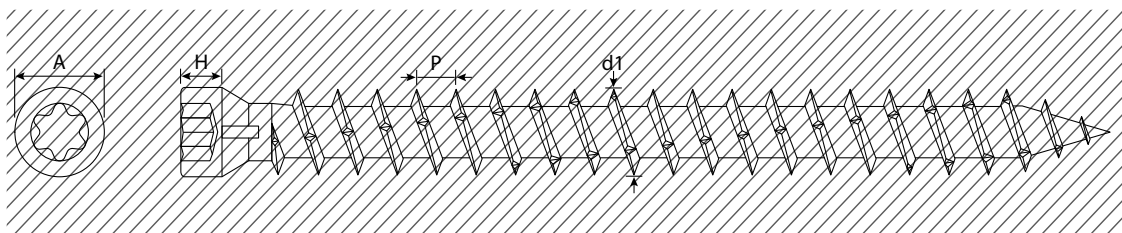


ALWAYS UP-TO-DATE WITH REGULATIONS



## CONCRETE SCREWS TX SMALL CYLINDER HEAD DIAMETER 5 MM

- Viti per calcestruzzo testa cilindrica ridotta TX diametro 5 mm
- Betonschrauben kleiner Zylinderkopf TX-Antrieb Durchmesser 5 mm
- Vis béton tête cylindrique réduite TX diamètre 5 mm
- Tornillos para hormigón cabeza cilíndrica reducida TX diámetro 5 mm
- Винты по бетону цилиндрическая уменьшенная головка, шлиц TX диаметр 5 мм



[ambrovit.it/video](http://ambrovit.it/video)  
**TUTORIAL**



**PLAY**  
THE VIDEO

Diameters Diametri	Limits Limiti	A	H	d1	P	TX
5,0	Min.	5,00	2,20	4,80	2,20	T15
	Max	5,20	2,50	5,00	±10%	

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 330-450**  
Durezza a cuore: HV 330-450

# 07065

## TC TX








FINISHING		PACKAGING			
SIZES MISURE	TX				
		TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
5,0 x 52	T15	99,00	2.400 (12)	800 (4)	200
62	T15	115,00	2.400 (12)	800 (4)	200
72	T15	130,00	2.400 (12)	800 (4)	200
82	T15	145,00	2.400 (12)	800 (4)	200
92	T15	157,00	2.400 (12)	800 (4)	200
102	T15	175,00	2.400 (12)	800 (4)	200
112	T15	200,00	2.400 (12)	800 (4)	200

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# BLOCKFRAME SCREWS

-  Viti per serramenti in PVC
-  PVC-Fensterbauschrauben
-  Vis pour PVC
-  Tornillos para PVC
-  Винты для дверных и оконных блоков из ПВХ



## AMBROVIT® MAIN DATA

**44,000**  
PALLETS


**3,000**  
TRAYS

**1,500**  
CLIENTS

**5,000**  
PICKING LINES  
PER DAY

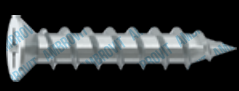
**54**  
INTERNATIONAL  
MARKETS

**01010** TSPG PH FT PAGE **332**




**TG 31** TOP Zinc Cr3 8µm **120 hr**  
**TG 51** BASE Zinc Cr3 3µm **24 hr**

**01020** TSP PH PAGE **334**



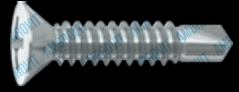
**TG 31** TOP Zinc Cr3 8µm **120 hr**  
**TG 51** BASE Zinc Cr3 3µm **24 hr**

**01030** TSPG PH 2PR PAGE **336**



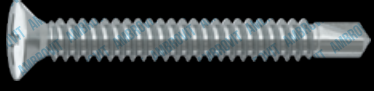
**TG 31** TOP Zinc Cr3 8µm **120 hr**  
**TG 51** BASE Zinc Cr3 3µm **24 hr**

**11011** TSPG PH DR/R PAGE **338**




**TG 31** TOP Zinc Cr3 8µm **120 hr**  
**TG 51** BASE Zinc Cr3 3µm **24 hr**

**11010** TSPG PH DR PAGE **340**




**TG 31** TOP Zinc Cr3 8µm **120 hr**  
**TG 51** BASE Zinc Cr3 3µm **24 hr**

**81010** TSPG PH PAGE **342**




**TG 31** TOP Zinc Cr3 8µm **120 hr**  
**TG 51** BASE Zinc Cr3 3µm **24 hr**

**81020** TSPG PH 2THR PAGE **344**




**TG 31** TOP Zinc Cr3 8µm **120 hr**  
**TG 51** BASE Zinc Cr3 3µm **24 hr**

**01084** TC TX PAGE **346**



**TG 31** TOP Zinc Cr3 8µm **120 hr**  
**TG 51** BASE Zinc Cr3 3µm **24 hr**

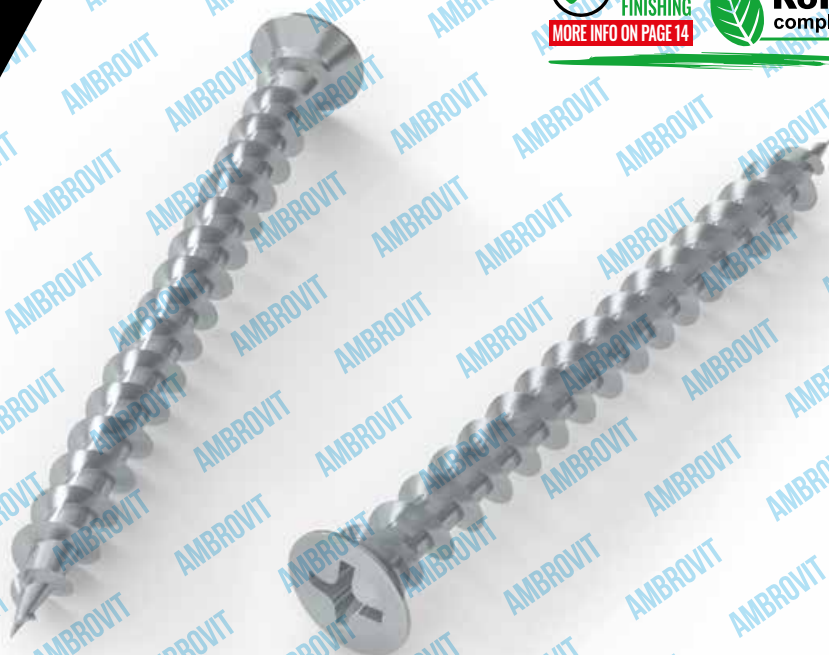
**81985** PAN TX PAGE **348**



**TG 31** TOP Zinc Cr3 8µm **120 hr**  
**TG 51** BASE Zinc Cr3 3µm **24 hr**

# 01010

## TSPG PH FT



ALWAYS UP-TO-DATE WITH REGULATIONS

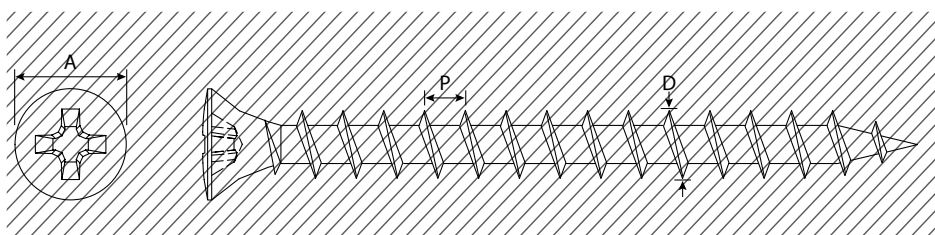


MORE INFO ON PAGE 14



### BLOCKFRAME SCREWS PH RADIUSSED COUNTERSUNK HEAD AND FULL THREAD

- Viti per serramenti in PVC TSPG PH tutto filetto
- PVC-Fensterbauschrauben Zierkopf PH-Antrieb Vollgewinde
- Vis pour PVC tête fraisée bombée PH filetage total
- Tornillos para PVC cabeza redonda extraplana PH rosca total
- Винты для дверных и оконных блоков из ПВХ слегка закругленная головка PH полная резьба






Diameters Diametri	A	P	PH
M 4,3	7,00	-2,25	2

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Radiused countersunk head screws**  
Viti a testa svasata leggermente raggiata
- **Head diameter 7,0 mm, for correct hardware coupling**  
Diametro testa 7,0 mm per un perfetto accoppiamento con la ferramenta
- **The special head shape allows alignment on hardware countersink, also in case of irregular screwing**  
La speciale geometria della testa permette l'allineamento sulla svasatura della ferramenta anche in caso di avvitiamenti non perfetti
- **Thread diameter 4,3 mm**  
Diametro filetto 4,3 mm
- **Drive: PH 2**  
Cacciavite: PH 2
- **Needle tip**  
Punta spillo
- **The special PH recess is deeper than standard one; this results in higher tightening torque**  
La speciale cava PH è più profonda delle normali viti standard; ciò permette una maggior coppia di serraggio
- **Wide pitch threading, for superfast screwing**  
Filettatura passo largo che permette un avvitiamento superveloce
- **Threading up to the tip, for easier grip on PVC**  
Filettatura fino in punta per una più facile presa sul PVC
- **Threaded section: as per listing (Ex 4,3x65/52 = thread 52)**  
Parte filettata: come da listino (Ex 4,3x65/52 = filetto 52)

# 01010

## TSPG PH FT

SIZES MISURE Ø	WORKING LENGTH LUNGHEZZA UTILE	FINISHING		PACKAGING		
		TG 31 / 8µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 51 / 3µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
M 4,3 x 13	7	34,70	31,23	12.000 (12)	4.000 (4)	1.000
16	10	38,12	34,31	12.000 (12)	4.000 (4)	1.000
18	12	40,20	36,18	8.000 (8)	4.000 (4)	1.000
20	14	42,63	38,37	8.000 (8)	4.000 (4)	1.000
22	16	44,97	40,47	8.000 (8)	4.000 (4)	1.000
25	19	47,59	42,83	6.000 (6)	2.000 (2)	1.000
28	22	51,55	46,40	6.000 (6)	2.000 (2)	1.000
30	24	53,62	48,26	6.000 (6)	2.000 (2)	1.000
35	29	60,20	54,18	4.000 (4)	2.000 (2)	1.000
40	34	64,44	58,00	4.000 (4)	2.000 (2)	1.000
45	39	66,51	59,86	3.000 (6)	1.000 (2)	500
55	49	78,59	70,73	2.000 (4)	1.000 (2)	500
65/52	59	90,67	81,60	2.000 (4)	1.000 (2)	500



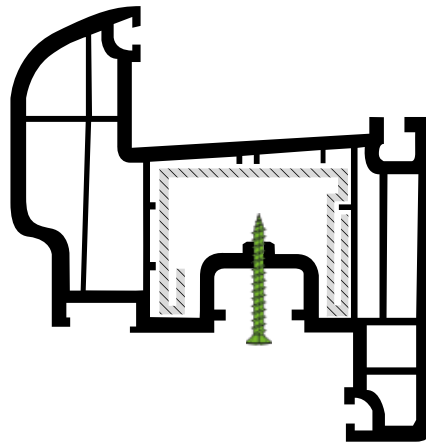
BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS



**PLAY**  
THE VIDEO



# 01020

## TSP PH



ALWAYS UP-TO-DATE WITH REGULATIONS

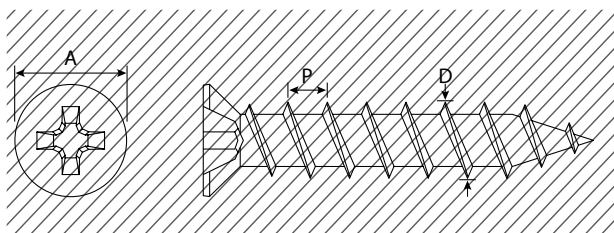


MORE INFO ON PAGE 14



### BLOCKFRAME REPAIR SCREWS PH FLAT COUNTERSUNK HEAD

- Viti per serramenti in PVC testa svasata piana PH di recupero
- PVC-Fensterbau Reparaturschrauben Senkkopf PH-Antrieb
- Vis pour PVC tête fraisée pour réparation PH
- Tornillos para PVC cabeza plana de reparación PH
- Ремонтные винты для дверных и оконных блоков из ПВХ потайная плоская головка PH



Diameters Diametri	A	P	PH
M 4,8	7,20	~ 2,35	2




## C1022

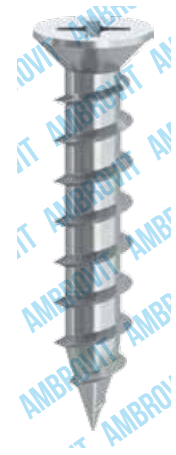
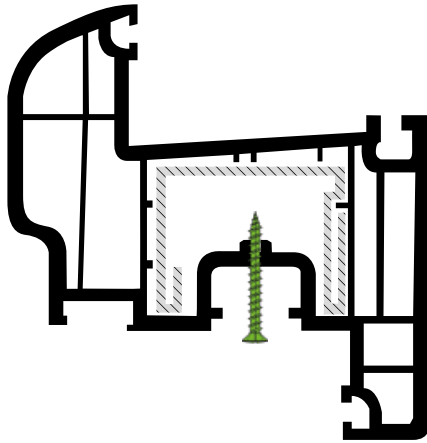
- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **PVC flat, countersunk, repair screws**  
Viti per PVC testa svasata piana da riparazione
- **Head diameter 7,2 mm**  
Diametro testa 7,2 mm
- **Thread diameter 4,8 mm**  
Diametro filetto 4,8 mm
- **Drive: PH 2**  
Cacciavite: PH 2
- **Needle tip**  
Punta spillo
- **The special PH recess is deeper than standard one; this results in higher tightening torque**  
La speciale cava PH è più profonda delle normali viti standard; ciò permette una maggior coppia di serraggio



# 01020

## TSP PH

SIZES MISURE Ø	WORKING LENGTH LUNGHEZZA UTILE	FINISHING		PACKAGING		
		TG 31 / 8µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 51 / 3µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
M 4,8 x 25	20	55,70	50,13	6.000 (6)	2.000 (2)	1.000



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 01030

## TSPG PH 2PR

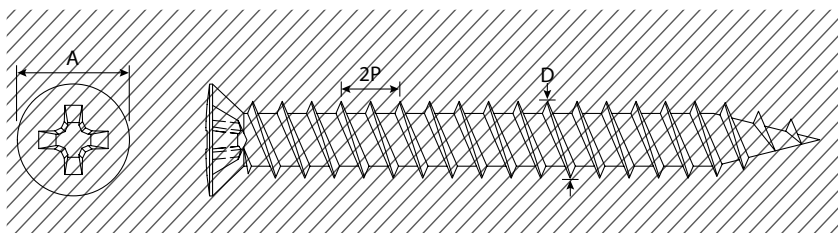


ALWAYS UP-TO-DATE WITH REGULATIONS



### BLOCKFRAME REPAIR SCREWS PH RADIUSSED COUNTERSUNK HEAD AND TWIN THREAD

- Viti per serramenti in PVC TSPG PH con filetto a 2 principi di recupero
- PVC-Fensterbau Reparaturschrauben Zierkopf PH-Antrieb Doppelgewinde
- Vis pour PVC tête fraisée bombée PH pour réparation avec deux principes
- Tornillos para PVC cabeza redonda extraplana de reparación PH rosca 2 principios
- Ремонтные винты для дверных и оконных блоков из ПВХ слегка закругленная головка, двухзаходная резьба PH








Diameters Diametri	A	P	PH
M 4,8	7,00	~ 3,60	2

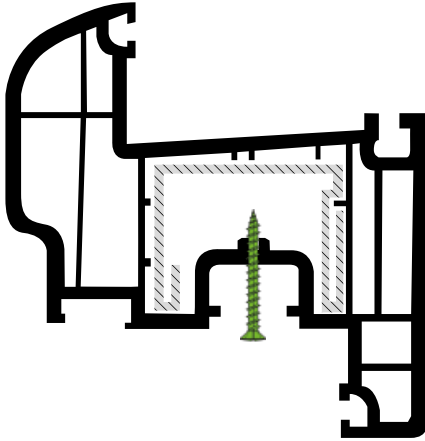
## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Radiused countersunk head screws**  
Viti a testa svasata leggermente raggiata
- **Countersunk repair screws for PVC-UP**  
Viti per PVC testa svasata piana da riparazione
- **Head diameter 7,0 mm**  
Diametro testa 7,0 mm
- **Thread diameter 4,8 mm**  
Diametro filetto 4,8 mm
- **Drive: PH 2**  
Cacciavite: PH 2
- **Needle tip**  
Punta spillo
- **The special PH recess is deeper than standard one; this results in higher tightening torque**  
La speciale cava PH è più profonda delle normali viti standard; ciò permette una maggior coppia di serraggio
- **Double-start thread, for higher strength to extraction**  
Filettatura a 2 principi per una maggiore tenuta all'estrazione

# 01030

## TSPG PH 2PR

		FINISHING		PACKAGING		
SIZES MISURE Ø	WORKING LENGTH LUNGHEZZA UTILE					
		TG 31 / 8µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 51 / 3µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	4.000 (4)	2.000 (2)	1.000
M 4,8 x 38	33	83,55	75,20			



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 11011

## TSPG PH DR/R



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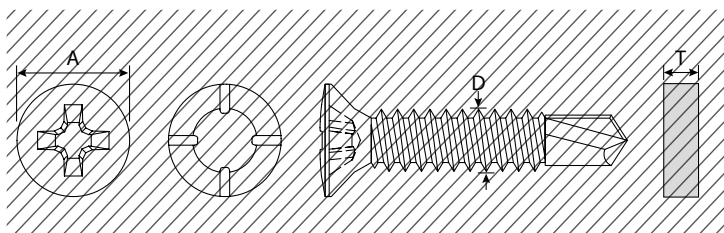


MORE INFO ON PAGE 14



### BLOCKFRAME SELF-DRILLING SCREWS PH RADIUSED COUNTERSUNK HEAD W/RIBS UNDER HEAD

- Viti per serramenti in PVC TSPG PH c/alette svasanti autoperforante
- PVC-Fensterbauschrauben Zierkopf PH-Antrieb mit Fräsrippen und Bohrspitze
- Vis pour PVC tête fraisée bombée crantée PH et pointe foret
- Tornillos para PVC cabeza redonda extraplana estriada PH punta broca
- Винты для дверных и оконных блоков из пвх самосверлящие со слегка закругленной потайной головкой PH с ребрами



Diameters Diametri	A	T	PH
M 3,9	7,00	3,00	2

**T** Drilling capacity  
Capacità di foratura






## C1022

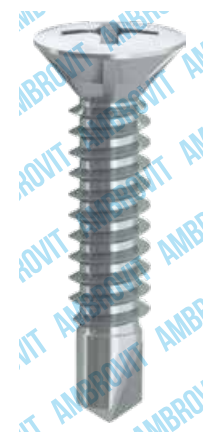
- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Radiused countersunk head screws**  
Viti a testa svasata leggermente raggiata
- **Head diameter 7,0 mm with 4 ribs underhead for self-countersinking**  
Diametro testa 7,0 mm con 4 alette autofrenanti
- **Thread diameter 3,9 mm**  
Diametro filetto 3,9 mm
- **Drive: PH 2**  
Cacciavite: PH 2

- **The special PH recess is deeper than standard one; this results in higher tightening torque**  
La speciale cava PH è più profonda delle normali viti standard; ciò permette una maggior coppia di serraggio
- **Self-drilling diameter 3,9 mm**  
Autoperforante diametro 3,9 mm

# 11011

## TSPG PH DR/R

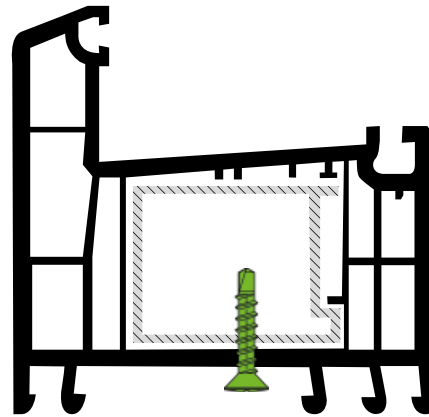
		FINISHING		PACKAGING		
SIZES MISURE Ø	WORKING LENGTH LUNGHEZZA UTILE					
		TG 31 / 8µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 51 / 3µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
M 3,9 x 14	7	34,43	30,99	12.000 (12)	4.000 (4)	1.000
16	9	36,50	32,85	12.000 (12)	4.000 (4)	1.000
19	12	41,01	36,91	12.000 (12)	4.000 (4)	1.000



 [ambrovit.it/video](https://www.ambrovit.it/video)  
**TUTORIAL**



 **PLAY**  
THE VIDEO



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 11010

## TSPG PH DR



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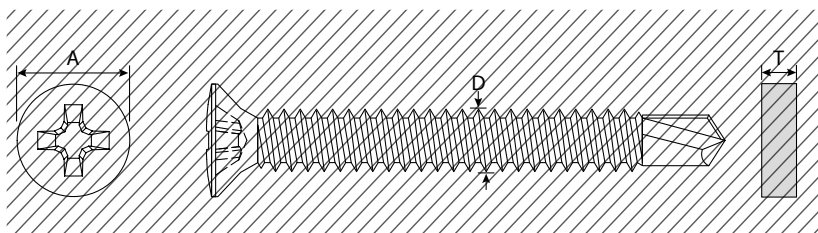


MORE INFO ON PAGE 14



### BLOCKFRAME SELF-DRILLING SCREWS PH RADIUSED COUNTERSUNK HEAD

- Viti per serramenti in PVC TSPG PH autopercorante
- PVC-Fensterbauschrauben Zierkopf PH-Antrieb Bohrspitze
- Vis pour PVC tête fraisée bombée PH pointe foret
- Tornillos para PVC Cabeza redonda extraplana PH punta broca
- Винты для дверных и оконных блоков из пвх самосверлящие со слегка закругленной потайной головкой PH



Diameters Diametri	A	T	PH
M 3,9	7,00	3,00	2




**T** Drilling capacity  
Capacità di foratura

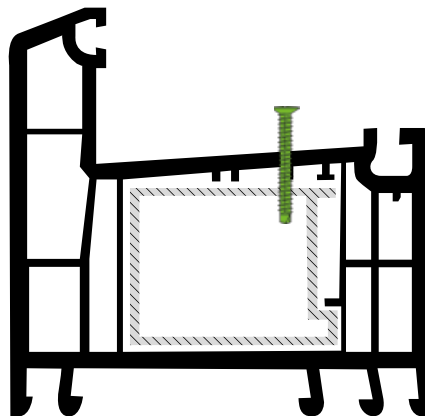
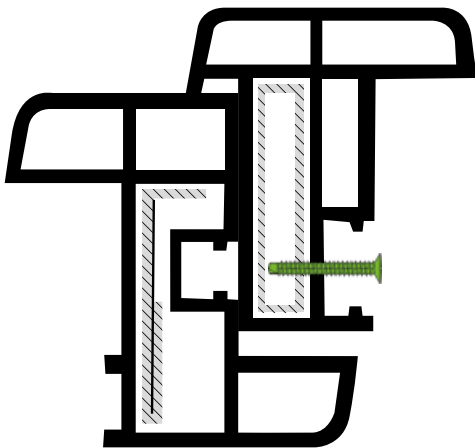
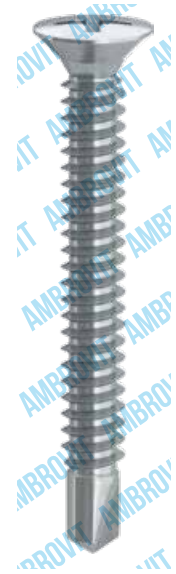
## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Radiused countersunk head screws**  
Viti a testa svasata leggermente raggiata
- **Head diameter 7,0 mm**  
Diametro testa 7,0 mm
- **Thread diameter 3,9 mm**  
Diametro filetto 3,9 mm
- **Drive: PH 2**  
Cacciavite: PH 2
- **The special PH recess is deeper than standard one; this results in higher tightening torque**  
La speciale cava PH è più profonda delle normali viti standard; ciò permette una maggior coppia di serraggio
- **Self-drilling diameter 3,9 mm**  
Autopercorante diametro 3,9 mm

# 11010

## TSPG PH DR

SIZES MISURE Ø	WORKING LENGTH LUNGHEZZA UTILE	FINISHING		PACKAGING		
		TG 31 / 8µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 51 / 3µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
M 3,9 x 13	6	33,89	30,50	12.000 (12)	4.000 (4)	1.000
16	9	36,50	32,85	12.000 (12)	4.000 (4)	1.000
19	12	41,01	36,91	12.000 (12)	4.000 (4)	1.000
22	15	46,50	41,85	8.000 (8)	4.000 (4)	1.000
25	18	51,19	46,07	8.000 (8)	4.000 (4)	1.000
32	22	64,08	57,67	6.000 (6)	2.000 (2)	1.000
38	31	76,16	68,54	4.000 (4)	2.000 (2)	1.000
45	38	88,77	79,89	4.000 (4)	2.000 (2)	1.000



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 81010

## TSPG PH



ALWAYS UP-TO-DATE WITH REGULATIONS

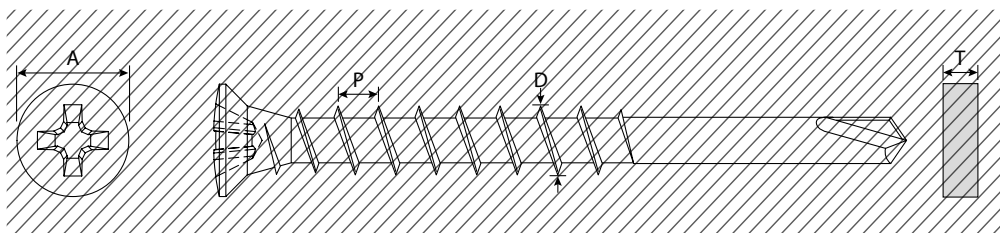


MORE INFO ON PAGE 14



## BLOCKFRAME SELF-DRILLING SCREWS PH RADIUSED COUNTERSUNK HEAD W/SPECIAL POINT

- Viti per serramenti in PVC TSPG PH con punta speciale
- PVC-Fensterbauschrauben Zierkopf PH-Antrieb mit spezieller Spitze
- Vis pour PVC tête fraisée bombée PH avec pointe spéciale
- Tornillos para PVC cabeza redonda extraplana PH con punta especial
- Винты для дверных и оконных блоков из пвх самосверлящие со слегка закругленной потайной головкой PH, спец. сверло



Diameters Diametri	A	T	P	PH
M 4,3	6,80	2,00	~ 2,25	2

**T** Drilling capacity  
Capacità di foratura

## C1022




- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Radiused countersunk head screws**  
Viti a testa svasata leggermente raggiata
- **Head reduced diameter 6,80 mm**  
Diametro testa ridotto 6,80 mm
- **Thread diameter 4,3 mm, wide pitch  
threading for superfast screwing**  
Diametro filetto 4,3 mm a passo largo  
che permette un avvitamento superveloce

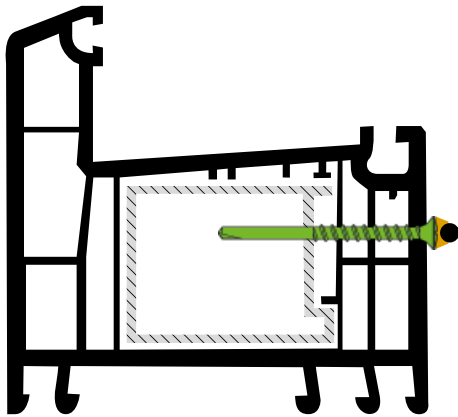
- **Drive: PH 2**  
Cacciavite: PH 2
- **The special PH recess is deeper than standard one; this results in higher tightening torque**  
La speciale cava PH è più profonda delle normali viti standard; ciò permette una maggior coppia di serraggio



# 81010

## TSPG PH

SIZES MISURE Ø	WORKING LENGTH LUNGHEZZA UTILE	FINISHING		PACKAGING		
		TG 31 / 8µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 51 / 3µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
M 4,3 x 36,5	24	63,27	56,94	4.000 (8)	2.000 (4)	500
42,5	23	69,85	62,87	3.000 (6)	1.000 (2)	500
47,5	27	78,32	70,49	2.000 (4)	1.000 (2)	500



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 81020

## TSPG PH 2THR



ALWAYS UP-TO-DATE WITH REGULATIONS

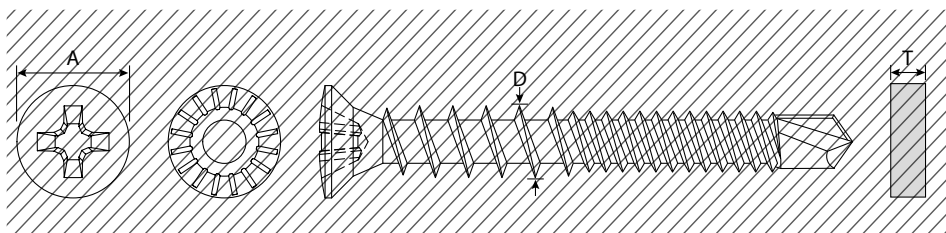


MORE INFO ON PAGE 14



### BLOCKFRAME SELF-DRILLING SCREWS PH RADIUSED COUNTERSUNK HEAD, MULTI RIBS UNDER HEAD WITH 2 DIFFERENT THREADS

- Viti per serramenti in PVC TSPG PH multi alette a 2 filetti autoperforante
- PVC-Fensterbauschrauben Zierkopf PH-Antrieb mit zahlreichen Fräsrippen Bohrspitze und Doppelgewinde
- Vis pour PVC tête fraisée bombée PH avec nombreuses crans s/tête avec double filetage, pointe foret
- Tornillos para PVC cabeza redonda extraplana multi estriada PH doble rosca punta broca
- Винты для дверных и оконных блоков из пвх самосверлящие со слегка закругленной потайной головкой и двухходовой резьбой PH



Diameters Diametri	A	T	PH
M 4,4	6,80	2,00	2

**T** Drilling capacity  
Capacità di foratura

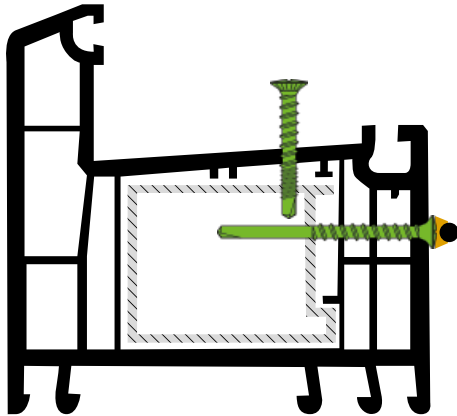
## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Radiused countersunk head screws**  
Viti a testa svasata leggermente raggiata
- **Head reduced diameter 6,80 mm**  
Diametro testa ridotto 6,80 mm
- **Thread diameter 4,4 mm**  
Diametro filetto 4,4
- **Drive: PH 2**  
Cacciavite: PH 2
- **The special PH recess is deeper than standard one; this results in higher tightening torque**  
La speciale cava PH è più profonda delle normali viti standard; ciò permette una maggior coppia di serraggio

# 81020

## TSPG PH 2THR

		FINISHING		PACKAGING		
SIZES MISURE Ø	WORKING LENGTH LUNGHEZZA UTILE					
		TG 31 / 8µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 51 / 3µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
M 4,4 x 32	24	58,85	52,97	4.000 (8)	2.000 (4)	500



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 01084

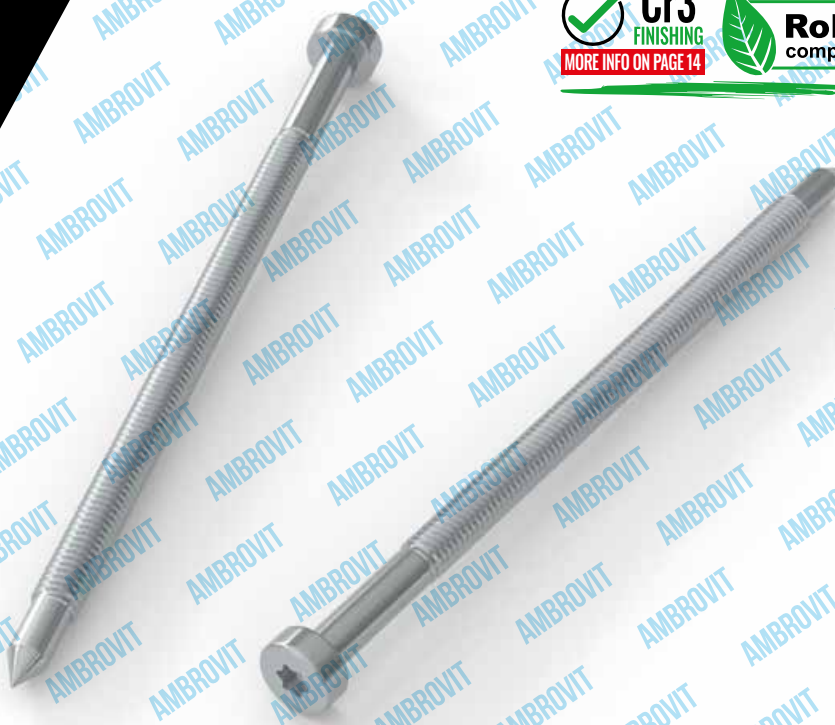
## TC TX



ALWAYS UP-TO-DATE WITH REGULATIONS

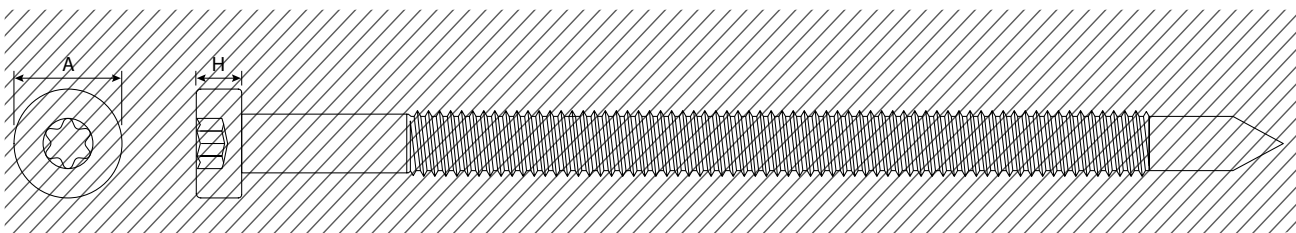


MORE INFO ON PAGE 14



### BLOCKFRAME SCREWS TX CYLINDER HEAD

- Viti per serramenti in PVC testa cilindrica TX
- PVC-Fensterbauschrauben Zylinderkopf TX-Antrieb
- Vis pour PVC tête cylindrique TX
- Tornillos para PVC cabeza cilíndrica TX
- Винты для дверных и оконных блоков из пвх цилиндрическая головка, шлиц TX



Diameters Diametri	A	H	TX
M 6	10,00	4,20	T25




### C1022

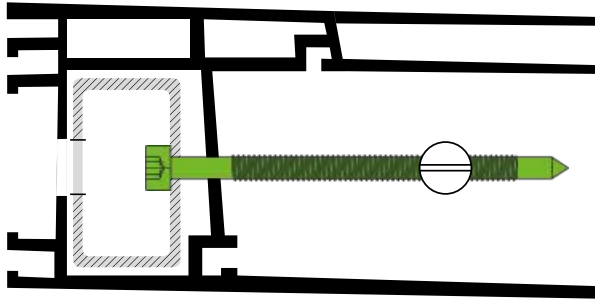
- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Head diameter 10,0 mm**  
Diametro testa 10,0 mm
- **Thread diameter 6,0 mm**  
Diametro filetto 6,0 mm
- **Drive: TX 25**  
Cacciavite: TX 25

- **The special TX recess is deeper than standard one; this results in higher tightening torque**  
La speciale cava TX è più profonda delle normali viti standard; ciò permette una maggior coppia di serraggio
- **Pin not included**  
Pin non incluso

# 01084

## TC TX

SIZES MISURE Ø	TX	WORKING LENGTH LUNGHEZZA UTILE	FINISHING		PACKAGING		
			TG 31 / 8µm BLUE ZINC Cr3 ZINCATE Cr3 €/ 1.000	TG 51 / 3µm BLUE ZINC Cr3 ZINCATE Cr3 €/ 1.000			
M 6 x 116	T25	100	574,28	516,85	800 (4)	400 (2)	200



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 81985

## PAN TX



ALWAYS UP-TO-DATE WITH REGULATIONS

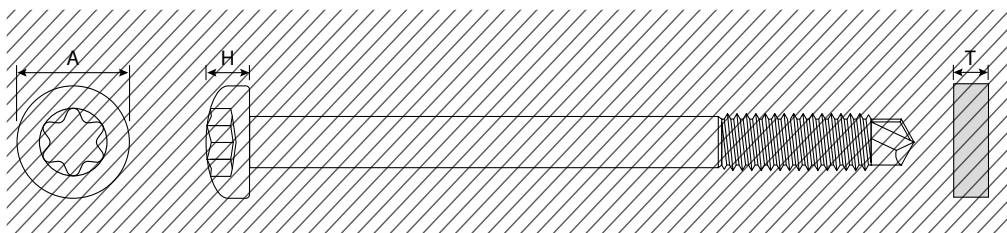


MORE INFO ON PAGE 14

**TG 51** BASE  
Znc Cr3 3µm  
24 hr**TG 31** TOP  
Znc Cr3 8µm  
120 hr**TG 40** HIGH TOP  
Znc Cr3 8µm  
400 hr

### BLOCKFRAME SELF-DRILLING SCREWS TX PAN HEAD

- Viti per serramenti in PVC testa cilindrica TX autoperforante
- PVC-Fensterbauschrauben Linsenkopf TX-Antrieb und Bohrspitze
- Vis pour PVC tête cylindrique TX pointe foret
- Tornillos para PVC cabeza redonda TX punta broca
- Винты для дверных и оконных блоков из пвх самосверлящие с полусферической головкой, шлиц TX



Diameters Diametri	A	H	T	TX
M 4,8	9,50	3,30	2,00	T25

**T** Drilling capacity  
Capacità di foratura






### C1022

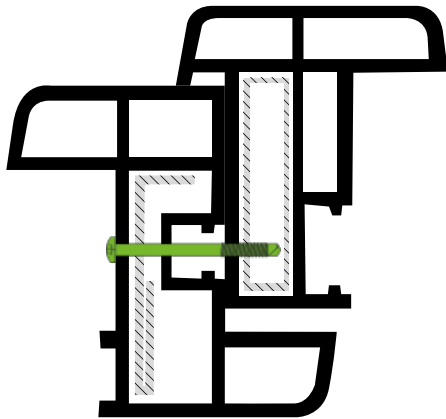
- Carbon steel: C1022  
Acciaio temperato: C1022
- Head diameter 9,5 mm  
Diametro testa 9,5 mm
- Thread diameter 4,8 mm  
Diametro filetto 4,8 mm
- Drive: TX 25  
Cacciavite: TX 25

- The special TX recess is deeper than standard one; this results in higher tightening torque  
La speciale cava TX è più profonda delle normali viti standard; ciò permette una maggior coppia di serraggio

# 81985

## PAN TX

		FINISHING		PACKAGING		
SIZES MISURE Ø	TX					
		TG 31 / 8µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 51 / 3µm BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
M 4,8 x 35	T25	140,05	126,05	3.000 (6)	1.000 (2)	500
53	T25	190,25	171,23	1.200 (6)	400 (2)	200
55	T25	199,18	179,26	1.200 (6)	400 (2)	200








BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# SELF-DRILLING SCREWS

-  Viti autoperforanti
-  Bohrschrauben
-  Vis autoperceuses
-  Tornillos autotaladrantes
-  Винты самонарезающие самосверлящие



## AMBROVIT® MAIN DATA

**44,000**  
PALLETS

**3,000**  
TRAYS

**1,500**  
CLIENTS

**5,000**  
PICKING LINES  
PER DAY

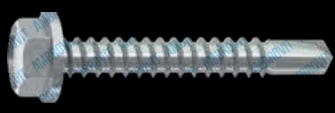
**54**  
INTERNATIONAL  
MARKETS




**89770** TE FL DR PAGE 352



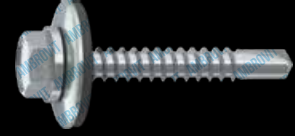
**81170** TE FR PAGE 354



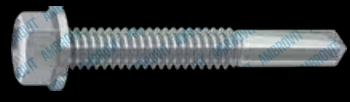
**81072** EPDM NEW PRODUCT PAGE 356



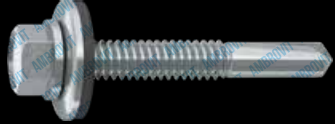
**81172** TE FR + EPDM PAGE 358




**81174** TE FR PF EX PAGE 360



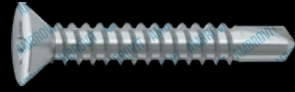
**81175** TE FR PF EX + EPDM PAGE 361



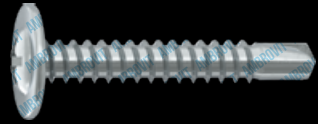
**81180** TC PH PAGE 362



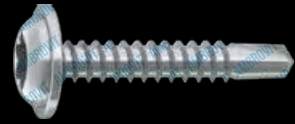
**81190** TSP PH PAGE 364




**81380** TMT PH RAN PAGE 366




**91380** TMT TX RAN PAGE 368




**81171** TE FR EX PAGE 369



**81480** TC SQ PAGE 371




**81186** TC TX PAGE 373



**81196** TSP TX PAGE 375




**80191** TSP TX PF EX W NEW PRODUCT PAGE 377



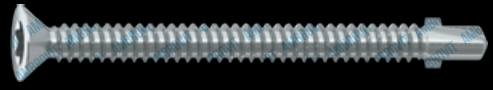
**TG 41** SUPER TOP ENDURO 1,000 hr

**80196** TSP TX W NEW PRODUCT PAGE 379



**TG 41** SUPER TOP ENDURO 1,000 hr

**80196** TSP TX W PAGE 381



# 89770

## TE FL DR



ALWAYS UP-TO-DATE WITH REGULATIONS



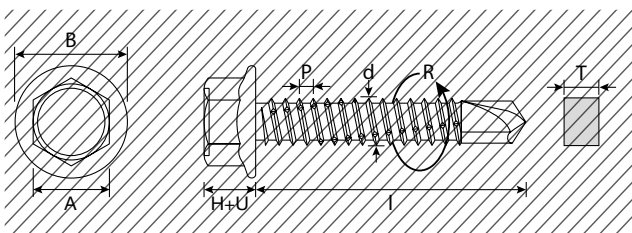
MORE INFO ON PAGE 14

~ DIN 7504-K • ~ Uni 8117 • ~ Iso 15480

**TG 51** BASE  
 Zn Cr3 3µm  
 24 hr  
 RoHS compliant


### SELF-DRILLING SCREWS HEXAGON HEAD WITH FLANGE AND CUTTING THREAD

- Viti autoperforanti TE flangia bombata automaschiante per coperture
- Bohrschrauben Sechskantkopf mit Flansch und Schneidgewinde
- Vis autoperceuses tête hexagonale à embase bombée
- Tornillos autotaladrantes cabeza hexagonal+arandela autorroscante
- Винты самонарезающие самосверлящие шестигранная головка с выпуклой шайбой и резьбонарезающими ребрами



Diameters Diametri	Limits Limiti	A	B	H+U	d	P	R g/min-rpm	T
6,3	Min.	9,78	14,20	-	6,10	~ 1,80	2.250	≤50 6,00
	Max	10,00	15,00	6,70	6,25			≥60 8,00

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended. La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

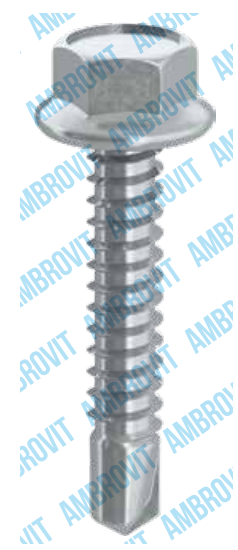
**T** **Drilling capacity.**  
Capacità di foratura.



## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 270-425**  
Durezza a cuore: HV 270-425
- **Threaded section: as per listing**  
(Ex 6,3x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 6,3x70/60 = filetto 60)

# 89770

## TE FL DR



FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000				
6,3 x 20	115,50	2.000 (4)	1.000 (2)	500	
25	125,50	2.000 (4)	1.000 (2)	500	
30	135,50	1.200 (6)	400 (2)	200	
35	147,00	1.200 (6)	400 (2)	200	
40	158,50	1.200 (6)	400 (2)	200	
45	177,50	1.200 (6)	400 (2)	200	
50	196,00	800 (4)	400 (2)	200	
60	216,00	600 (6)	200 (2)	100	
70/60	232,00	600 (6)	200 (2)	100	
80/60	245,00	400 (4)	200 (2)	100	
90/70	262,00	400 (4)	200 (2)	100	
100/70	284,00	400 (4)	200 (2)	100	
110/70	327,00	400 (4)	200 (2)	100	
120/70	381,50	400 (4)	200 (2)	100	
130/70	467,50	400 (4)	200 (2)	100	
140/70	578,50	400 (4)	200 (2)	100	
150/70	683,50	400 (4)	200 (2)	100	

## TRANSPARENT ELASTIC PVC WASHERS

 Rondelle elastiche in PVC trasparente 
  Transparente Unterlegscheiben aus PVC  
 Rondelles élastiques en PVC transparente 
  Arandelas elásticas de PVC 
  Шайбы из пластикового ПВХ

# 00777

RON PVC



SIZES	PACKAGING
Ø External 14 mm - Internal 6 mm Ø Esterno 14 mm - Interno 6 mm	
€ / 1.000 29,75	100

# 81170

TE FR



ALWAYS UP-TO-DATE WITH REGULATIONS



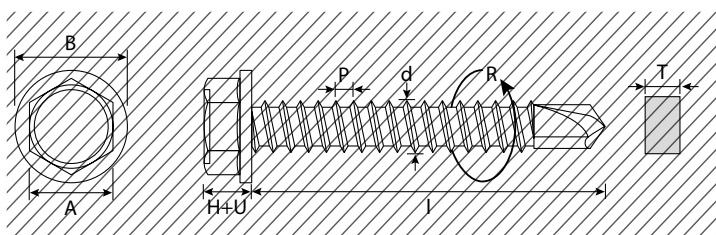
MORE INFO ON PAGE 14

DIN 7504-K • Uni 8117 • Iso 15480



## SELF-DRILLING SCREWS HEXAGON FLAT WASHER HEAD

- Viti autoperforanti testa esagonale finta rondella piana
- Bohrschrauben Sechskant-Flanschkopf
- Vis autoperceuses tête hexagonale à embase
- Tornillos autotaladrantes cabeza hexagonal+arandela
- Винты самонарезающие самосверлящие шестигранная головка с ложной прессшайбой



Diameters Diametri	Limits Limiti	A	B	H+U	d	P	R g/min-rpm	T
3,5	Min.	5,32	7,60	3,20	3,43	~ 1,27	2.000	≤16 1,50
	Max.	5,50	8,30	3,45	3,53			≥19 2,00
3,9	Min.	5,32	7,60	3,20	3,78	~ 1,34	2.000	≤16 1,50
	Max.	5,50	8,30	3,45	3,91			≥19 2,00
4,2	Min.	6,78	8,20	4,00	4,09	~ 1,41	2.000	≤16 2,00
	Max.	7,00	8,80	4,25	4,22			≥19 3,00
4,8	Min.	7,78	9,80	4,15	4,65	~ 1,59	2.000	≤16 3,00
	Max.	8,00	10,50	4,45	4,80			≥19 4,00
5,5	Min.	7,78	10,00	5,15	5,31	~ 1,81	2.000	4,00
	Max.	8,00	11,00	5,45	5,46			
6,3*	Min.	9,78	12,20	6,15	6,10	~ 1,80	2.000	6,00
	Max.	10,00	13,20	6,45	6,25			

\* Diameter 6,3 with cutting thread

\* Diametro 6,3 con filetto automaschiante

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended.

La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** Drilling capacity.  
Capacità di foratura.

## C1022

- Carbon steel: C1022  
Acciaio temperato: C1022
- Case hardness: HV 560 Min  
Durezza superficiale: HV 560 Min
- Core hardness: HV 330-425  
Durezza a cuore: HV 330-425
- Core hardness: HV 270-425 only diameter 6,3  
Durezza a cuore: HV 270-425 solo diametro 6,3
- Threaded section: as per listing (Ex 4,8x70/60 = thread 60)  
Parte filettata: come da listino (Es. 4,8x70/60 = filetto 60)

# 81170

## TE FR

FINISHING		PACKAGING		
SIZES MISURE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
3,5 x 9,5	25,35	12.000 (12)	4.000 (4)	1.000
13	26,55	12.000 (12)	4.000 (4)	1.000
16	28,10	12.000 (12)	4.000 (4)	1.000
19	30,55	8.000 (8)	4.000 (4)	1.000
22	32,70	8.000 (8)	4.000 (4)	1.000
25	34,65	6.000 (6)	2.000 (2)	1.000
3,9 x 9,5	28,10	12.000 (12)	4.000 (4)	1.000
13	28,80	12.000 (12)	4.000 (4)	1.000
16	31,40	8.000 (8)	4.000 (4)	1.000
19	32,60	8.000 (8)	4.000 (4)	1.000
22	34,65	8.000 (8)	4.000 (4)	1.000
25	37,30	6.000 (6)	2.000 (2)	1.000
32	43,20	4.000 (8)	2.000 (4)	500
4,2 x 13	32,80	8.000 (8)	4.000 (4)	1.000
16	34,65	8.000 (8)	4.000 (4)	1.000
19	36,30	6.000 (6)	2.000 (2)	1.000
22	38,25	6.000 (6)	2.000 (2)	1.000
25	41,90	4.000 (4)	2.000 (2)	1.000
32	50,95	3.000 (6)	1.000 (2)	500
38	59,85	3.000 (6)	1.000 (2)	500
45	79,70	2.000 (4)	1.000 (2)	500
50	84,80	2.000 (4)	1.000 (2)	500
4,8 x 13	43,65	6.000 (6)	2.000 (2)	1.000
16	45,40	6.000 (6)	2.000 (2)	1.000
19	49,00	4.000 (8)	2.000 (4)	500
22	56,80	4.000 (8)	2.000 (4)	500
25	58,35	4.000 (8)	2.000 (4)	500
32	67,40	3.000 (6)	1.000 (2)	500
38	80,25	2.000 (4)	1.000 (2)	500
45	85,60	1.600 (8)	800 (4)	200
50	87,25	1.600 (8)	800 (4)	200
60	122,00	1.200 (6)	400 (2)	200
70/60	146,40	800 (4)	400 (2)	200
80/60	175,70	800 (4)	400 (2)	200

FINISHING		PACKAGING		
SIZES MISURE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
5,5 x 16	61,80	4.000 (4)	2.000 (2)	1.000
19	65,50	4.000 (8)	2.000 (4)	500
22	69,10	3.000 (6)	1.000 (2)	500
25	74,55	3.000 (6)	1.000 (2)	500
32	89,20	2.000 (4)	1.000 (2)	500
38	94,65	1.600 (8)	800 (4)	200
45	114,55	1.600 (8)	800 (4)	200
50	120,00	1.200 (6)	400 (2)	200
60	149,05	800 (4)	400 (2)	200
70/60	178,95	800 (4)	400 (2)	200
80/60	214,70	800 (4)	400 (2)	200
6,3 x 19	98,25	3.000 (6)	1.000 (2)	500
22	101,90	2.000 (4)	1.000 (2)	500
25	110,90	2.000 (4)	1.000 (2)	500
32	125,50	1.600 (8)	800 (4)	200
38	136,45	1.200 (6)	400 (2)	200
45	149,20	1.200 (6)	400 (2)	200
50	193,10	800 (4)	400 (2)	200
60	201,55	600 (6)	200 (2)	100
70/60	209,85	600 (6)	200 (2)	100
80/60	215,35	400 (4)	200 (2)	100
90/70	235,10	400 (4)	200 (2)	100
100/70	254,65	400 (4)	200 (2)	100
110/70	293,95	400 (4)	200 (2)	100
120/70	358,20	400 (4)	200 (2)	100
130/70	444,45	400 (4)	200 (2)	100
140/70	528,40	400 (4)	200 (2)	100
150/70	601,65	400 (4)	200 (2)	100
160/70	709,95	400 (4)	200 (2)	100
180/70	880,65	400 (4)	200 (2)	100
200/70	1.084,00	400 (4)	200 (2)	100



## TRANSPARENT ELASTIC PVC WASHERS

Rondelle elastiche in PVC trasparente 
 Transparente Unterlegscheiben aus PVC  
 Rondelles élastiques en PVC transparente 
 Arandelas elásticas de PVC 
 Шайбы из пластикового ПВХ

### 00777

RON PVC



SIZES	PACKAGING
Ø External 14 mm - Internal 6 mm Ø Esterno 14 mm - Interno 6 mm	
€ / 1.000 29,75	100

Screws / Self-drilling

# 81072

## EPDM

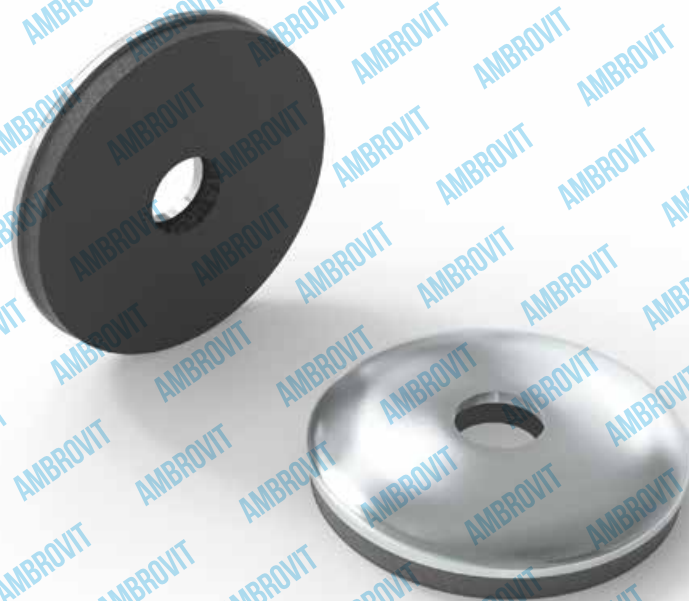


### NEW PRODUCT






ALWAYS UP-TO-DATE WITH REGULATIONS

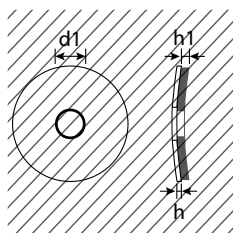


MORE INFO ON PAGE 14



## STEEL EPDM BONDED WASHERS

-  Rondelle guarnizione EPDM in acciaio
-  EPDM-Dichtscheiben aus Stahl
-  Rondelles d'étanchéité EPDM en acier
-  Arandelas EPDM en acero
-  Стальные прокладки EPDM



Screws diameters Diametri viti	Limits Limiti	d1	h	h1
4,2	Min.	5,15	0,70	1,80
	Max.	5,65	0,90	2,20
4,8	Min.	5,15	0,70	1,80
	Max.	5,65	0,90	2,20
5,5	Min.	5,85	0,70	1,80
	Max.	6,35	0,90	2,20
6,3	Min.	6,75	0,70	1,80
	Max.	7,25	0,90	2,20

## C1022

- Carbon steel: C1022 + EPDM Washer
- Acciaio temperato: C1022 + Rondella EPDM

# 81072

## EPDM



		FINISHING		PACKAGING		
SIZES MISURE		Ø	T6 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
<b>SB</b>	14 x 5,4	4,2	25,00	5.000 (10)	500	
<b>SB</b>	5,4	4,8	25,00	5.000 (10)	500	
<b>SB</b>	16 x 5,4	4,8	28,50	5.000 (10)	500	
<b>SB</b>	6,0	5,5	28,50	5.000 (10)	500	
<b>SB</b>	7,0	6,3	28,50	5.000 (10)	500	
<b>SB</b>	19 x 6,0	5,5	42,00	4.000 (8)	500	
<b>SB</b>	7,0	6,3	42,00	4.000 (8)	500	
<b>SB</b>	25 x 6,0	5,5	65,50	2.000 (4)	500	
<b>SB</b>	7,0	6,3	65,50	2.000 (4)	500	

**SB**

AVAILABLE // DISPONIBILE

**SPECIAL BOX**Less pieces than standard packaging  
Quantità ridotta rispetto allo standard

Page 66

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 81172

TE FR + EPDM



ALWAYS UP-TO-DATE WITH REGULATIONS



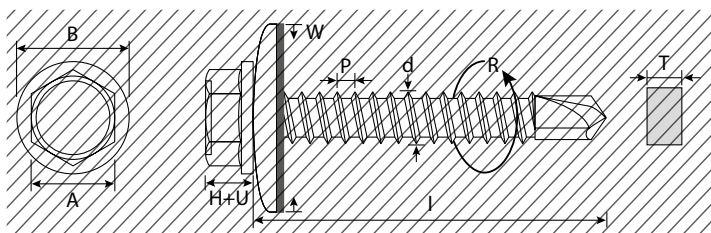
MORE INFO ON PAGE 14

DIN 7504-K • Uni 8117 • Iso 15480



## SELF-DRILLING SCREWS HEXAGON FLAT WASHER HEAD WITH ASSEMBLED EPDM WASHER

- Viti autopercoranti TE finta rondella piana con rondella EPDM preassemblata
- Bohrschrauben Sechskant-Flanschkopf mit unverlierbarer EPDM-Dichtscheibe
- Vis auto-perceuses tête hexagonale à embase avec rondelle d'étanchéité EPDM
- Tornillos autotaladrantes cabeza hexagonal+arandela con arandela EPDM montada
- Винты самонарезающие самосверлящие шестигранная головка с шайбой и резиновой прокладкой EPDM



## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 330-425**  
Durezza a cuore: HV 330-425
- **Core hardness: HV 270-425 (only diameter 6,3)**  
Durezza a cuore: HV 270-425 (solo diametro 6,3)

Diameters Diametri	Limits Limiti	A	B	H+U	d	P	W	R g/min-rpm	T
4,2	Min.	6,78	8,20	4,00	4,09	~ 1,41	W 14	2.000	≤16 2,00
	Max.	7,00	8,80	4,25	4,22				≥19 3,00
4,8	Min.	7,78	9,80	4,15	4,65	~ 1,59	W 14	2.000	≤16 3,00
	Max.	8,00	10,50	4,45	4,80		W 16		≥19 4,00
5,5	Min.	7,78	10,00	5,15	5,31	~ 1,81	W 16	2.000	4,00
	Max.	8,00	11,00	5,45	5,46		W 18		
6,3*	Min.	9,78	12,20	6,15	6,10	~ 1,80	W 16	2.000	6,00
	Max.	10,00	13,20	6,45	6,25		W 18		

\* Diameter 6,3 with cutting thread

\* Diametro 6,3 con filetto automaschiante

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended.

La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** **Drilling capacity.**  
Capacità di foratura.



# 81172

## TE FR + EPDM

FINISHING		PACKAGING				
SIZES MISURE						
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000					
W 14	4,2 x 16	83,50	4.000 (4)	2.000 (2)	1.000	
	19	84,00	4.000 (4)	2.000 (2)	1.000	
	22	88,00	4.000 (4)	2.000 (2)	1.000	
	25	94,00	4.000 (4)	2.000 (2)	1.000	
	4,8 x 16	92,50	4.000 (4)	2.000 (2)	1.000	
	19	96,00	3.000 (6)	1.000 (2)	500	
	22	101,00	2.000 (4)	1.000 (2)	500	
	25	108,00	2.000 (4)	1.000 (2)	500	
	32	118,50	2.000 (4)	1.000 (2)	500	
	38	128,00	2.000 (4)	1.000 (2)	500	
	W 16	4,8 x 16	99,50	2.000 (2)	2.000 (2)	1.000
		19	104,50	2.000 (4)	1.000 (2)	500
22		107,50	2.000 (4)	1.000 (2)	500	
25		114,50	2.000 (4)	1.000 (2)	500	
32		126,50	2.000 (4)	1.000 (2)	500	
38		138,00	2.000 (4)	1.000 (2)	500	
5,5 x 19		121,50	2.000 (4)	1.000 (2)	500	
22		128,00	2.000 (4)	1.000 (2)	500	
25		133,00	2.000 (4)	1.000 (2)	500	
32		147,00	2.000 (4)	1.000 (2)	500	
38		160,00	800 (4)	400 (2)	200	
50		179,00	800 (4)	400 (2)	200	
60		235,00	800 (4)	400 (2)	200	
63		245,00	800 (4)	400 (2)	200	
75		265,00	800 (4)	400 (2)	200	
6,3 x 19		158,00	2.000 (4)	1.000 (2)	500	
25		167,00	2.000 (4)	1.000 (2)	500	
32		188,00	1.200 (6)	400 (2)	200	
38	208,00	1.200 (6)	400 (2)	200		
50	241,00	800 (4)	400 (2)	200		
60	279,00	600 (6)	200 (2)	100		
63	286,00	400 (4)	200 (2)	100		
75	317,00	400 (4)	200 (2)	100		
80	409,00	400 (4)	200 (2)	100		
90	446,00	600 (6)	200 (2)	100		
100	488,00	400 (4)	200 (2)	100		
110	555,00	400 (4)	200 (2)	100		
120	596,00	400 (4)	200 (2)	100		
130	772,00	400 (4)	200 (2)	100		
140	810,00	400 (4)	200 (2)	100		
150	880,00	400 (4)	200 (2)	100		
160	1.290,00	200 (2)	200 (2)	100		
180	1.730,00	200 (2)	200 (2)	100		

FINISHING		PACKAGING			
SIZES MISURE					
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000				
W 18	5,5 x 22	150,00	2.000 (4)	1.000 (2)	500
	25	154,00	2.000 (4)	1.000 (2)	500
	32	175,00	1.000 (2)	1.000 (2)	500
	38	185,00	800 (4)	400 (2)	200
	50	222,00	800 (4)	400 (2)	200
	6,3 x 25	195,00	1.000 (2)	1.000 (2)	500
	32	218,00	1.200 (6)	400 (2)	200
	38	233,00	1.200 (6)	400 (2)	200
	50	276,00	800 (4)	400 (2)	200
	60	299,00	600 (6)	200 (2)	100
	63	307,00	400 (4)	200 (2)	100
	75	355,00	400 (4)	200 (2)	100
80	437,00	400 (4)	200 (2)	100	
90	490,00	400 (4)	200 (2)	100	
100	521,00	400 (4)	200 (2)	100	
110	589,00	200 (2)	200 (2)	100	
120	616,00	200 (2)	200 (2)	100	



# 81174

TE FR PF EX



DIN 7504-K

Max thickness: 12 mm // Foratura max: 12 mm  
 Extra long point N. #5 // Punta extra lunga N. #5

ALWAYS UP-TO-DATE WITH REGULATIONS



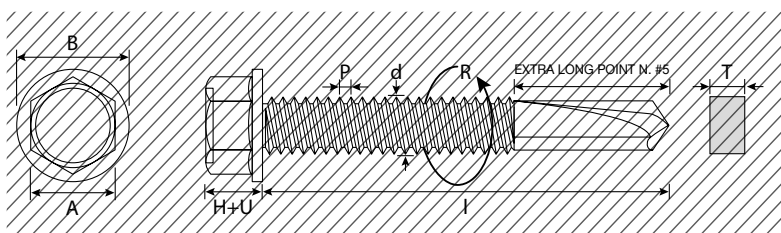
MORE INFO ON PAGE 14

TG 51 BASE  
 Zn Cr3 3µm  
 24 hr



## SELF-DRILLING SCREWS HEXAGON FLAT WASHER HEAD WITH FINE THREAD AND EXTRA LONG POINT NO. 5

- Viti autoperforanti TE finta rondella piana passo fine e punta extra lunga n. 5
- Bohrschrauben Sechskant-Flanschkopf Feingewinde mit überlanger Spitze-Nr. 5
- Vis autoperceuses tête hexagonale à embase pas fin avec pointe foret extra longue no. 5
- Tornillos autotaladrantes cabeza hexagonal+arandela paso fino punta extra larga n. 5
- Винты самонарезающие самосверлящие шестигранная головка с прессшайбой и сверхдлинные наконечником н. 5



Diameters Diametri	Limits Limiti	A	B	H+U	d	P	R g/min-rpm	T
5,5	Min.	7,78	10,00	5,15	5,28	-1,06	2.000	12,00
	Max	8,00	11,00	5,45	5,49			

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended. La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** Drilling capacity.  
 Capacità di foratura.

## C1022

- Carbon steel: C1022**  
 Acciaio temperato: C1022
- Case hardness: HV 600 Min**  
 Durezza superficiale: HV 600 Min
- Core hardness: HV 270- 425**  
 Durezza a cuore: HV 270- 425

	FINISHING	PACKAGING		
SIZES MISURE	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000			
	5,5 x 32	191,00	3.000 (6)	1.000 (2)
38	209,00	2.400 (12)	800 (4)	200

# 81175

TE FR PF EX + EPDM



DIN 7504-K

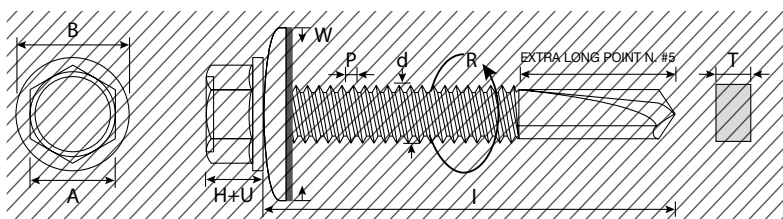
Max thickness: 12 mm // Foratura max: 12 mm  
Extra long point N. #5 // Punta extra lunga N. #5

TG 51 BASE  
Znc Cr3 3µm  
24 hr



## SELF-DRILLING SCREWS HEXAGON FLAT WASHER HEAD FINE THREAD AND EXTRA LONG POINT NO. 5 WITH ASSEMBLED EPDM WASHER

- Viti autopercoranti TE finta rondella piana passo fine e punta extra lunga con rondella EPDM preassemblata
- Bohrschrauben Sechskant-Flanschkopf Feingewinde mit überlanger Spitze-Nr. 5 und unverlierbarer EPDM-Dichtscheibe
- Vis autoperceuses tête hexagonale à embase pas fin avec pointe foret extra longue no. 5 et rondelle d'étanchéité EPDM
- Tornillos autotaladrantes cabeza hexagonal+arandela paso fino punta extra larga n. 5 con arandela EPDM montada
- Винты самонарезающие самосверлящие шестигранная головка с прессшайбой, резиновой прокладкой EPDM и сверхдлинным наконечником н. 5



Diameters Diametri	Limits Limiti	A	B	H+U	d	P	R g/min-rpm	T
5,5	Min.	7,78	10,00	5,15	5,28	~1,06	2.000	12,00
	Max	8,00	11,00	5,45	5,49			

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended.

La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** Drilling capacity.  
Capacità di foratura.

## C1022

- Carbon steel: C1022**  
Acciaio temperato: C1022
- Case hardness: HV 600 Min**  
Durezza superficiale: HV 600 Min
- Core hardness: HV 270- 425**  
Durezza a cuore: HV 270- 425

SIZES MISURE	FINISHING	PACKAGING		
		TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000		
5,5 x 32 W 16	222,00	2.000 (4)	1.000 (2)	500
38 W 16	243,00	1.200 (6)	400 (2)	200

# 81180

## TC PH



ALWAYS UP-TO-DATE WITH REGULATIONS



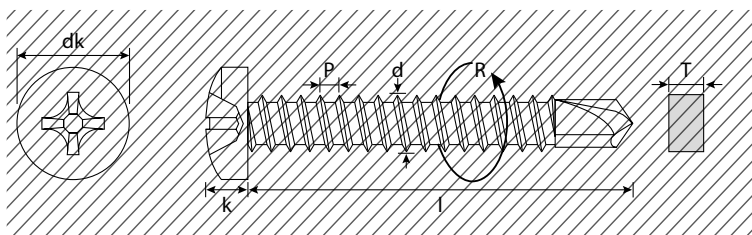
MORE INFO ON PAGE 14

DIN 7504-N (m) • Uni 8118 • Iso 15481



### SELF-DRILLING SCREWS PH PAN HEAD

- Viti autopерforanti testa cilindrica PH
- Bohrschrauben Linsenkopf PH-Antrieb
- Vis auto-perceuses tête cylindrique PH
- Tornillos autotaladrantes cabeza redonda PH
- Винты самонарезающие самосверлящие полусферическая головка PH



Diameters Diametri	Limits Limiti	dk	k	d	P	PH	R g/min-rpm	T
2,9	Min.	5,30	1,95	2,76	~1,10	1	2.250	1,00
	Max.	5,60	2,20	2,90				
3,5	Min.	6,54	2,35	3,35	~1,30	2	2.250	≤16 1,50 ≥19 2,00
	Max.	6,90	2,60	3,53				
3,9	Min.	7,14	2,55	3,73	~1,30	2	2.250	≤16 1,50 ≥19 2,00
	Max.	7,50	2,80	3,91				
4,2	Min.	7,84	2,75	4,04	~1,40	2	2.250	≤16 2,00 ≥19 3,00
	Max.	8,20	3,05	4,22				
4,8	Min.	9,14	3,25	4,62	~1,60	2	2.250	≤16 3,00 ≥19 4,00
	Max.	9,50	3,55	4,80				
5,5	Min.	10,37	3,65	5,28	~1,80	3	2.250	4,00
	Max.	10,80	3,95	5,46				
6,3*	Min.	12,07	4,25	6,03	~1,80	3	2.250	6,00
	Max.	12,50	4,55	6,25				

\* Diameter 6,3 with cutting thread

\* Diametro 6,3 con filetto automaschiante

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended.

La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.




**T** Drilling capacity.  
Capacità di foratura.




## C1022

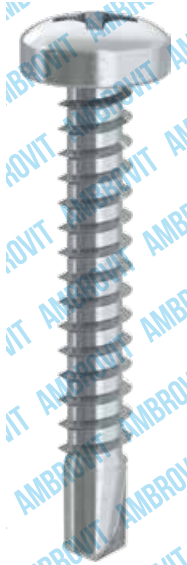
- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 270-425**  
Durezza a cuore: HV 270-425
- **Threaded section: as per listing (Ex 4,8x70/60 = thread 60)**  
Parte filettata: come da listino (Es. 4,8x70/60 = filetto 60)

# 81180

## TC PH

SIZES MISURE	FINISHING		PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000			
<b>2,9 x 9,5</b>	22,35	31,41	24.000 (24)	4.000 (4)	1.000
<b>13</b>	23,60	33,18	24.000 (24)	4.000 (4)	1.000
<b>16</b>	25,30	35,57	12.000 (12)	4.000 (4)	1.000
<b>19</b>	27,15	38,06	12.000 (12)	4.000 (4)	1.000
<b>22</b>	28,95	40,72	12.000 (12)	4.000 (4)	1.000
<b>3,5 x 9,5</b>	22,60	31,72	24.000 (24)	4.000 (4)	1.000
<b>13</b>	23,60	33,18	12.000 (12)	4.000 (4)	1.000
<b>16</b>	25,40	35,72	12.000 (12)	4.000 (4)	1.000
<b>19</b>	27,25	38,27	12.000 (12)	4.000 (4)	1.000
<b>22</b>	29,20	41,03	8.000 (8)	4.000 (4)	1.000
<b>25</b>	30,85	43,47	8.000 (8)	4.000 (4)	1.000
<b>32</b>	38,65	54,29	6.000 (12)	2.000 (4)	500
<b>38</b>	46,80	65,78	4.000 (8)	2.000 (4)	500
<b>45</b>	71,20	100,05	3.000 (6)	1.000 (2)	500
<b>50</b>	95,10	133,64	3.000 (6)	1.000 (2)	500
<b>3,9 x 9,5</b>	25,05	35,20	12.000 (12)	4.000 (4)	1.000
<b>13</b>	25,70	36,14	12.000 (12)	4.000 (4)	1.000
<b>16</b>	28,05	39,42	12.000 (12)	4.000 (4)	1.000
<b>19</b>	29,05	40,82	8.000 (8)	4.000 (4)	1.000
<b>22</b>	30,85	43,47	8.000 (8)	4.000 (4)	1.000
<b>25</b>	32,80	46,12	6.000 (6)	2.000 (2)	1.000
<b>32</b>	36,30	50,96	4.000 (8)	2.000 (4)	500
<b>38</b>	54,20	76,13	4.000 (8)	2.000 (4)	500
<b>45</b>	79,70	111,96	3.000 (6)	1.000 (2)	500
<b>50</b>	106,40	149,45	2.000 (4)	1.000 (2)	500
<b>4,2 x 9,5</b>	27,40	38,48	12.000 (12)	4.000 (4)	1.000
<b>13</b>	29,05	40,82	12.000 (12)	4.000 (4)	1.000
<b>16</b>	30,85	43,47	8.000 (8)	4.000 (4)	1.000
<b>19</b>	34,65	48,67	8.000 (8)	4.000 (4)	1.000
<b>22</b>	36,30	50,96	6.000 (6)	2.000 (2)	1.000
<b>25</b>	38,25	53,82	6.000 (6)	2.000 (2)	1.000
<b>32</b>	47,30	66,46	4.000 (8)	2.000 (4)	500
<b>38</b>	54,45	76,44	3.000 (6)	1.000 (2)	500
<b>45</b>	69,40	97,50	3.000 (6)	1.000 (2)	500
<b>50</b>	77,10	108,42	2.000 (4)	1.000 (2)	500

SIZES MISURE	FINISHING		PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/ 1.0000			
<b>4,8 x 13</b>	36,30	50,96	8.000 (8)	4.000 (4)	1.000
<b>16</b>	39,90	56,11	6.000 (6)	2.000 (2)	1.000
<b>19</b>	41,90	58,86	6.000 (12)	2.000 (4)	500
<b>22</b>	45,50	63,91	4.000 (8)	2.000 (4)	500
<b>25</b>	49,00	68,90	4.000 (8)	2.000 (4)	500
<b>32</b>	54,75	76,86	3.000 (6)	1.000 (2)	500
<b>38</b>	60,00	84,24	3.000 (6)	1.000 (2)	500
<b>45</b>	74,55	104,73	1.600 (8)	800 (4)	200
<b>50</b>	78,15	109,82	1.600 (8)	800 (4)	200
<b>60</b>	119,25	167,44	1.200 (6)	400 (2)	200
<b>70/60</b>	144,00	205,92	800 (4)	400 (2)	200
<b>80/60</b>	178,80	262,08	800 (4)	400 (2)	200
<b>90/70</b>	208,80	299,52	400 (4)	200 (2)	100
<b>100/70</b>	240,00	349,44	600 (6)	200 (2)	100
<b>5,5 x 16</b>	55,80	78,42	6.000 (6)	2.000 (2)	1.000
<b>19</b>	56,40	79,25	4.000 (8)	2.000 (4)	500
<b>22</b>	63,00	88,56	4.000 (8)	2.000 (4)	500
<b>25</b>	68,70	96,56	3.000 (6)	1.000 (2)	500
<b>28</b>	82,00	115,13	3.000 (6)	1.000 (2)	500
<b>32</b>	82,70	116,17	3.000 (6)	1.000 (2)	500
<b>38</b>	90,10	126,57	2.400 (12)	800 (4)	200
<b>45</b>	113,80	159,90	1.600 (8)	800 (4)	200
<b>50</b>	130,75	183,72	1.200 (6)	400 (2)	200
<b>60</b>	157,20	220,79	800 (4)	400 (2)	200
<b>6,3 x 19</b>	68,30	95,94	3.000 (6)	1.000 (2)	500
<b>22</b>	85,40	119,96	3.000 (6)	1.000 (2)	500
<b>25</b>	94,90	133,33	2.000 (4)	1.000 (2)	500
<b>32</b>	112,00	157,35	1.600 (8)	800 (4)	200
<b>38</b>	126,40	177,53	1.600 (8)	800 (4)	200
<b>45</b>	142,95	200,82	1.200 (6)	400 (2)	200
<b>50</b>	167,60	235,35	1.200 (6)	400 (2)	200
<b>60</b>	198,00	278,10	800 (4)	400 (2)	200



BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRIANGULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS

# 81190

## TSP PH



ALWAYS UP-TO-DATE WITH REGULATIONS



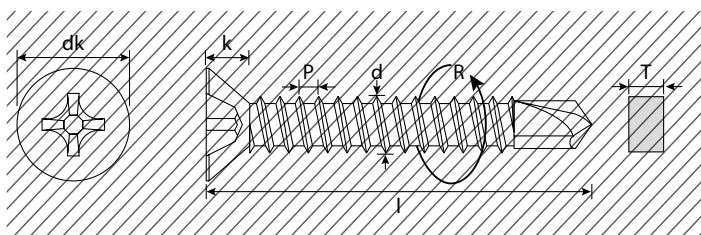
MORE INFO ON PAGE 14

DIN 7504-P (o) • Uni 8119 • Iso 15482



### SELF-DRILLING SCREWS PH FLAT HEAD

- Viti autoperforanti testa svasata piana PH
- Bohrschrauben Senkkopf PH-Antrieb
- Vis autoperceuses tête fraisée PH
- Tornillos autotaladrantes cabeza plana PH
- Винты самонарезающие самосверлящие плоская потайная головка PH



Diameters Diametri	Limits Limiti	dk	k	d	P	PH	R g/min-rpm	T
2,9	Min.	5,20	~ 1,70	2,76	~ 1,10	1	2.250	1,00
	Max.	5,50		2,90				
3,5	Min.	6,44	~ 2,10	3,35	~ 1,30	2	2.250	≤16 1,50
	Max.	6,80		3,53				≥19 2,00
3,9	Min.	7,14	~ 2,30	3,73	~ 1,30	2	2.250	≤16 1,50
	Max.	7,50		3,91				≥19 2,00
4,2	Min.	7,74	~ 2,50	4,04	~ 1,40	2	2.250	≤16 2,00
	Max.	8,10		4,22				≥19 3,00
4,8	Min.	9,14	~ 3,00	4,62	~ 1,60	2	2.250	≤16 3,00
	Max.	9,50		4,80				≥19 4,00
5,5	Min.	10,37	~ 3,40	5,28	~ 1,80	3	2.250	4,00
	Max.	10,80		5,46				
6,3*	Min.	11,97	~ 3,80	6,03	~ 1,80	3	2.250	6,00
	Max.	12,40		6,25				

\* Diameter 6,3 with cutting thread

\* Diametro 6,3 con filetto automaschiante

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended.

La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

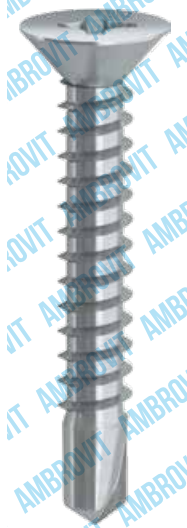
**T** Drilling capacity.  
Capacità di foratura.

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 270-425**  
Durezza a cuore: HV 270-425
- **Threaded section: as per listing**  
(Ex 4,8x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 4,8x70/60 = filetto 60)

# 81190

## TSP PH

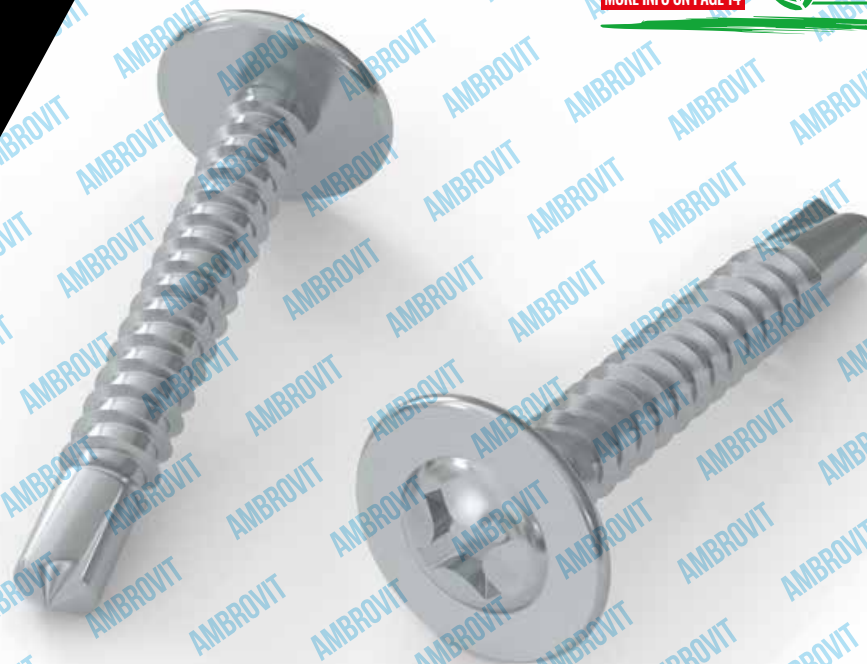


SIZES MISURE	FINISHING		PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/1.0000			
<b>2,9 x 13</b>	22,45	31,51	24.000 (24)	4.000 (4)	1.000
<b>16</b>	24,15	33,96	12.000 (12)	4.000 (4)	1.000
<b>19</b>	25,70	35,98	12.000 (12)	4.000 (4)	1.000
<b>22</b>	27,50	38,58	12.000 (12)	4.000 (4)	1.000
<b>3,5 x 9,5</b>	18,90	26,73	24.000 (24)	4.000 (4)	1.000
<b>13</b>	23,05	32,55	12.000 (12)	4.000 (4)	1.000
<b>16</b>	24,90	35,10	12.000 (12)	4.000 (4)	1.000
<b>19</b>	25,70	36,14	12.000 (12)	4.000 (4)	1.000
<b>22</b>	27,25	38,27	12.000 (12)	4.000 (4)	1.000
<b>25</b>	29,05	40,82	8.000 (8)	4.000 (4)	1.000
<b>32</b>	36,80	51,74	6.000 (12)	2.000 (4)	500
<b>38</b>	44,50	62,56	4.000 (8)	2.000 (4)	500
<b>45</b>	67,80	95,32	4.000 (8)	2.000 (4)	500
<b>50</b>	90,60	127,24	3.000 (6)	1.000 (2)	500
<b>3,9 x 13</b>	23,70	33,49	12.000 (12)	4.000 (4)	1.000
<b>16</b>	27,40	38,48	12.000 (12)	4.000 (4)	1.000
<b>19</b>	29,05	40,82	12.000 (12)	4.000 (4)	1.000
<b>22</b>	30,30	42,64	8.000 (8)	4.000 (4)	1.000
<b>25</b>	31,10	43,68	8.000 (8)	4.000 (4)	1.000
<b>32</b>	34,65	48,67	6.000 (12)	2.000 (4)	500
<b>38</b>	55,65	78,21	4.000 (8)	2.000 (4)	500
<b>45</b>	75,85	106,50	3.000 (6)	1.000 (2)	500
<b>50</b>	101,35	142,27	2.000 (4)	1.000 (2)	500
<b>4,2 x 13</b>	27,10	38,17	12.000 (12)	4.000 (4)	1.000
<b>16</b>	29,30	41,18	12.000 (12)	4.000 (4)	1.000
<b>19</b>	31,40	44,10	8.000 (8)	4.000 (4)	1.000
<b>22</b>	32,80	46,12	8.000 (8)	4.000 (4)	1.000
<b>25</b>	36,80	51,74	6.000 (6)	2.000 (2)	1.000
<b>32</b>	39,90	56,11	4.000 (8)	2.000 (4)	500
<b>38</b>	45,50	63,91	4.000 (8)	2.000 (4)	500
<b>45</b>	63,00	88,56	3.000 (6)	1.000 (2)	500
<b>50</b>	71,05	99,74	2.000 (4)	1.000 (2)	500

SIZES MISURE	FINISHING		PACKAGING		
	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000	TG 57 BLACK ZNC Cr3 ZINC. NERE Cr3 €/1.0000			
<b>4,8 x 16</b>	36,30	50,96	8.000 (8)	4.000 (4)	1.000
<b>19</b>	39,90	56,11	6.000 (12)	2.000 (4)	500
<b>22</b>	41,90	58,86	6.000 (12)	2.000 (4)	500
<b>25</b>	45,50	63,91	4.000 (8)	2.000 (4)	500
<b>32</b>	54,45	76,44	4.000 (8)	2.000 (4)	500
<b>38</b>	61,80	86,84	3.000 (6)	1.000 (2)	500
<b>45</b>	65,05	91,36	2.400 (12)	800 (4)	200
<b>50</b>	68,40	96,10	1.600 (8)	800 (4)	200
<b>60</b>	115,20	161,88	1.200 (6)	400 (2)	200
<b>70/60</b>	139,80	199,68	800 (4)	400 (2)	200
<b>80/60</b>	163,20	237,12	800 (4)	400 (2)	200
<b>90/70</b>	189,60	274,56	400 (4)	200 (2)	100
<b>100/70</b>	218,40	324,48	400 (4)	200 (2)	100
<b>5,5 x 19</b>	52,50	73,79	6.000 (12)	2.000 (4)	500
<b>22</b>	58,60	82,37	4.000 (8)	2.000 (4)	500
<b>25</b>	64,05	89,96	4.000 (8)	2.000 (4)	500
<b>32</b>	77,10	108,42	3.000 (6)	1.000 (2)	500
<b>38</b>	83,90	117,83	2.400 (12)	800 (4)	200
<b>45</b>	105,80	148,51	1.600 (8)	800 (4)	200
<b>50</b>	121,70	170,92	1.200 (6)	400 (2)	200
<b>60</b>	146,05	205,19	1.200 (6)	400 (2)	200
<b>6,3 x 25</b>	89,20	125,27	3.000 (6)	1.000 (2)	500
<b>32</b>	105,40	148,04	2.400 (12)	800 (4)	200
<b>38</b>	118,90	166,87	1.600 (8)	800 (4)	200
<b>45</b>	134,20	188,45	1.200 (6)	400 (2)	200
<b>50</b>	157,65	221,36	1.200 (6)	400 (2)	200
<b>60</b>	186,15	261,35	800 (4)	400 (2)	200

# 81380

## TMT PH RAN



ALWAYS UP-TO-DATE WITH REGULATIONS

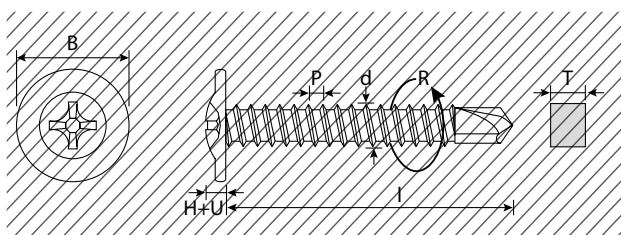


MORE INFO ON PAGE 14



### SELF-DRILLING SCREWS PH TRUSS WASHER HEAD

- Viti autopercoranti testa mezza tonda ranellata PH
- Bohrschrauben Halbrundkopf PH-Antrieb mit angepresster Scheibe
- Vis autoperceuses tête ronde large PH
- Tornillos autotaladrantes cabeza abombada+arandela PH
- Винты самонарезающие самосверлящие полукруглая головка с прессшайбой PH



Diameters Diametri	Limits Limiti	B	H+U	d	P	PH	R g/min-rpm	T
4,2	Min.	10,80	1,90	4,09	~1,40	2	2.250	2,00
	Max	11,20	2,50	4,22				
4,8	Min.	12,20	1,90	4,65	~1,60	2	2.250	4,00
	Max	12,80	2,50	4,80				

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended. La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** **Drilling capacity.**  
Capacità di foratura.

## C1022

- **Carbon steel: C1022**  
Acciaio temperato: C1022
- **Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- **Core hardness: HV 330-420**  
Durezza a cuore: HV 330-420
- **Threaded section: as per listing**  
(Ex. 4,8x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 4,8x70/60 = filetto 60)



# 81380

## TMT PH RAN



SIZES MISURE	FINISHING		PACKAGING		
	TG 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000	TG 57 BLACK ZINC Cr3 ZINC. NERE Cr3 € / 1.0000			
<b>4,2 x 9,5</b>	29,40	39,88	8.000 (8)	4.000 (4)	1.000
<b>13</b>	32,40	43,94	8.000 (8)	4.000 (4)	1.000
<b>16</b>	34,65	47,22	6.000 (6)	2.000 (2)	1.000
<b>19</b>	38,25	51,95	6.000 (6)	2.000 (2)	1.000
<b>22</b>	40,60	55,02	6.000 (6)	2.000 (2)	1.000
<b>25</b>	42,80	58,34	4.000 (4)	2.000 (2)	1.000
<b>32</b>	51,60	70,10	3.000 (6)	1.000 (2)	500
<b>38</b>	66,00	90,00	3.000 (6)	1.000 (2)	500
<b>4,8 x 13</b>	41,25	55,95	6.000 (6)	2.000 (2)	1.000
<b>16</b>	44,25	60,01	6.000 (6)	2.000 (2)	1.000
<b>19</b>	47,20	64,06	4.000 (8)	2.000 (4)	500
<b>22</b>	51,60	70,20	4.000 (8)	2.000 (4)	500
<b>25</b>	56,00	75,92	3.000 (6)	1.000 (2)	500
<b>32</b>	63,40	86,58	2.000 (4)	1.000 (2)	500
<b>35</b>	67,80	91,94	2.000 (4)	1.000 (2)	500
<b>38</b>	73,65	99,74	2.000 (4)	1.000 (2)	500
<b>40</b>	79,60	107,85	2.000 (4)	1.000 (2)	500
<b>45</b>	88,40	119,96	1.200 (6)	400 (2)	200
<b>50</b>	103,05	139,57	1.200 (6)	400 (2)	200
<b>60</b>	119,25	162,03	800 (4)	400 (2)	200
<b>70/60</b>	140,00	190,11	800 (4)	400 (2)	200
<b>80/60</b>	162,00	219,44	800 (4)	400 (2)	200

NEW

BLIND RIVETS

STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

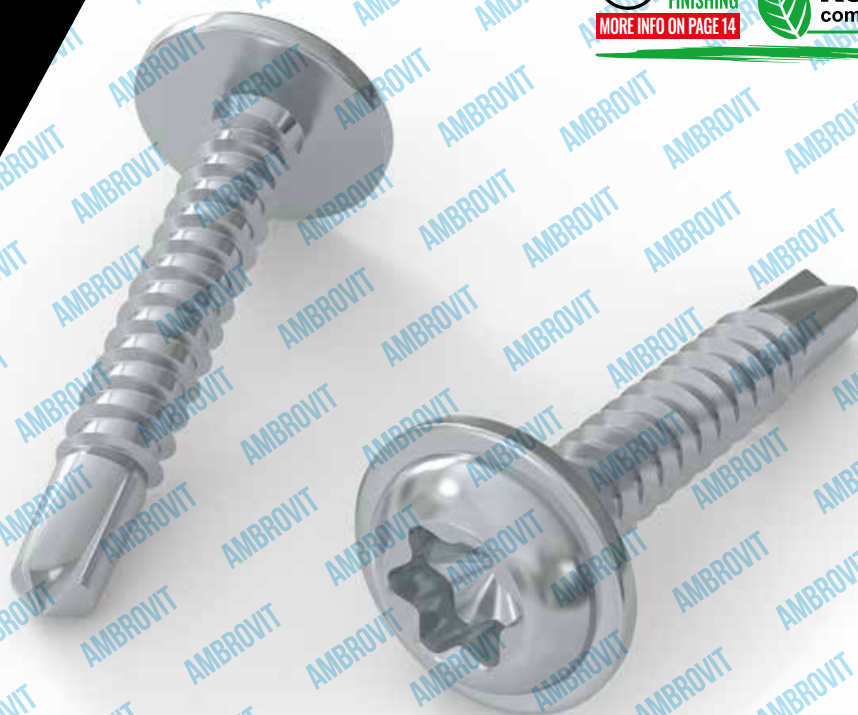
BITS

# 91380

TMT TX RAN

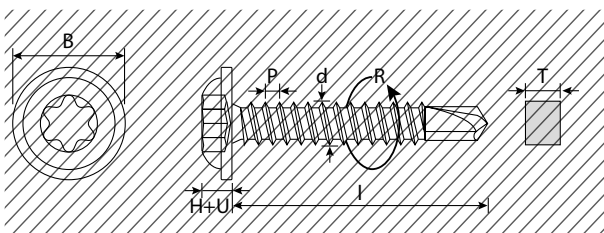


ALWAYS UP-TO-DATE WITH REGULATIONS



## SELF-DRILLING SCREWS TX TRUSS WASHER HEAD

- Viti autoperforanti testa mezza tonda ranellata TX
- Bohrschrauben Halbrundkopf TX-Antrieb mit angepresster Scheibe
- Vis autoperceuses tête ronde large TX
- Tornillos autotaladrantes cabeza abombada+arandela TX
- Винты самонарезающие самосверлящие полукруглая головка с прессшайбой, шлиц TX



## C1022

- Carbon steel: C1022**  
Acciaio temperato: C1022
- Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- Core hardness: HV 330- 420**  
Durezza a cuore: HV 330- 420



Diameters Diametri	Limits Limiti	B	H+U	d	P	TX	R g/min-rpm	T
4,2	Min.	10,80	2,75	4,09	-1,41	T20	2,250	≤19 2,00
	Max	11,20	3,05	4,22				≥25 3,00

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended. La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** **Drilling capacity.**  
Capacità di foratura.

FINISHING		PACKAGING				
SIZES MISURE	TX					
	4,2 x 13	T20	37,80	8.000 (8)	4.000 (4)	1.000
	16	T20	42,40	6.000 (6)	2.000 (2)	1.000
	19	T20	44,90	6.000 (6)	2.000 (2)	1.000
	25	T20	51,85	4.000 (4)	2.000 (2)	1.000

# 81171

TE FR EX



ALWAYS UP-TO-DATE WITH REGULATIONS



MORE INFO ON PAGE 14

DIN 7504-K

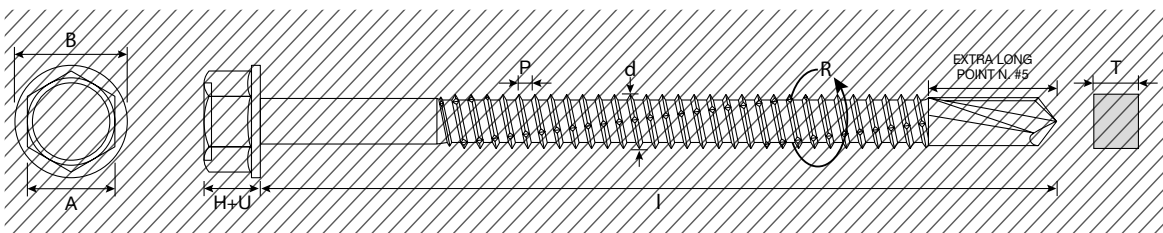
Max thickness: 12 mm // Foratura max: 12 mm  
Extra long point N. #5 // Punta extra lunga N. #5

TG 51 BASE  
Znc Cr3 3µm  
24 hr



## SELF-DRILLING SCREWS HEXAGON FLAT WASHER HEAD CUTTING THREAD WITH EXTRA LONG POINT NO. 5

- Viti autopercoranti TE automaschianti finta rondella piana punta extra lunga n. 5
- Bohrschrauben Sechskant-Flanschkopf Schneidgewinde mit überlanger Spitze-Nr. 5
- Vis autoperceuses tête hexagonale avec pointe foret extra longue no 5
- Tornillos autotaladrantes cabeza hexagonal+arandela autorroscante punta extra larga n. 5
- Винты самонарезающие самосверлящие шестигранная головка с ложной прессшайбой и сверхдлинные наконечником н. 5



Diameters Diametri	Limits Limiti	A	B	H+U	d	P	R g/min-rpm	T
5,5	Min.	7,78	10,00	5,15	5,31	~ 1,81	2.000	12,00
	Max.	8,00	11,00	5,45	5,46			
6,3	Min.	9,78	12,20	6,15	6,10	~ 1,81	2.000	12,00
	Max.	10,00	13,20	6,45	6,25			

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended. La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** Drilling capacity.  
Capacità di foratura.

## C1022






- Carbon steel: C1022  
Acciaio temperato: C1022
- Case hardness: HV 560 Min  
Durezza superficiale: HV 560 Min
- Core hardness: HV 270-425  
Durezza a cuore: HV 270-425
- Threaded section: as per listing  
(Ex 6,3x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 6,3x70/60 = filetto 60)



# 81171

## TE FR EX



### SELF-DRILLING SCREWS HEXAGON FLAT WASHER HEAD CUTTING THREAD WITH EXTRA LONG POINT NO. 5

-  Viti autopercoranti TE automaschianti finta rondella piana punta extra lunga n. 5
-  Bohrschrauben Sechskant-Flanschkopf Schneidgewinde mit überlanger Spitze-Nr. 5
-  Vis auto-perceuses tête hexagonale avec pointe foret extra longue no 5
-  Tornillos autotaladrantes cabeza hexagonal+arandela autorroscante punta extra larga n. 5
-  Винты самонарезающие самосверлящие шестигранная головка с ложной прессшайбой и сверхдлинные наконечником н. 5

FINISHING		PACKAGING		
SIZES MISURE				
	T6 51 BLUE ZINC Cr3 ZINCATE Cr3 € / 1.000			
<b>5,5 x 38</b>	188,00	1.600 (8)	800 (4)	200
<b>45</b>	235,90	1.600 (8)	800 (4)	200
<b>50</b>	267,80	1.200 (6)	400 (2)	200
<b>60</b>	281,50	800 (4)	400 (2)	200
<b>70/60</b>	295,20	800 (4)	400 (2)	200
<b>80/60</b>	340,00	800 (4)	400 (2)	200
<b>100/60</b>	410,00	400 (4)	200 (2)	100
<b>6,3 x 38</b>	272,50	1.200 (6)	400 (2)	200
<b>50</b>	382,50	800 (4)	400 (2)	200
<b>60</b>	402,00	600 (6)	200 (2)	100
<b>70/60</b>	421,50	600 (6)	200 (2)	100
<b>80/60</b>	434,50	400 (4)	200 (2)	100
<b>90/70</b>	467,00	400 (4)	200 (2)	100
<b>100/70</b>	492,50	400 (4)	200 (2)	100
<b>110/70</b>	551,00	400 (4)	200 (2)	100
<b>120/70</b>	642,00	400 (4)	200 (2)	100
<b>130/70</b>	797,50	400 (4)	200 (2)	100

## TRANSPARENT ELASTIC PVC WASHERS

-  Rondelle elastiche in PVC trasparente
-  Transparente Unterlegscheiben aus PVC
-  Rondelles élastiques en PVC transparente
-  Arandelas elásticas de PVC
-  Шайбы из пластикового ПВХ

# 00777

## RON PVC



SIZES	PACKAGING
Ø External 14 mm - Internal 6 mm Ø Esterno 14 mm - Interno 6 mm	
€ / 1.000 29,75	100

# 81480

TC SQ



ALWAYS UP-TO-DATE WITH REGULATIONS








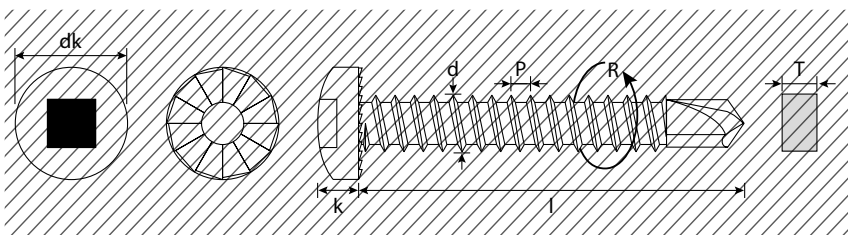
MORE INFO ON PAGE 14

DIN 7504-N (m) • Uni 8118 • Iso 15481

**TG 51** BASE  
 Zn Cr3 3µm  
 24 hr


## SELF-DRILLING SCREWS SQUARE DRIVE PAN HEAD WITH SERRATION UNDER HEAD

-  Viti autopercoranti testa cilindrica impronta quadra dentellata sottotesta
-  Bohrschrauben Linsenkopf Innenvierkant und Unterkopfverzahnung
-  Vis autoperceuses tête cylindrique crantée à empreinte carrée
-  Tornillos autotaladrantes cabeza redonda huella cuadrada dentellados bajo cabeza
-  Винты самонарезающие самосверлящие полусферическая зубчатая головка, квадратный шлиц



Diameters Diametri	Limits Limiti	dk	k	d	P	SQ	R g/min-rpm	T
4,2	Min.	7,84	2,75	4,04	-1,40	2	2.250	l≤16 2,00
	Max.	8,20	3,05	4,22				l≥19 3,00
4,8	Min.	9,14	3,25	4,62	-1,60	2	2.250	l≤16 3,00
	Max.	9,50	3,55	4,80				l≥19 4,00

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended. La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** Drilling capacity.  
Capacità di foratura.

## C1022






- Carbon steel: C1022  
Acciaio temperato: C1022
- Case hardness: HV 560 Min  
Durezza superficiale: HV 560 Min
- Core hardness: HV 270-425  
Durezza a cuore: HV 270-425





# 81480

## TC SQ



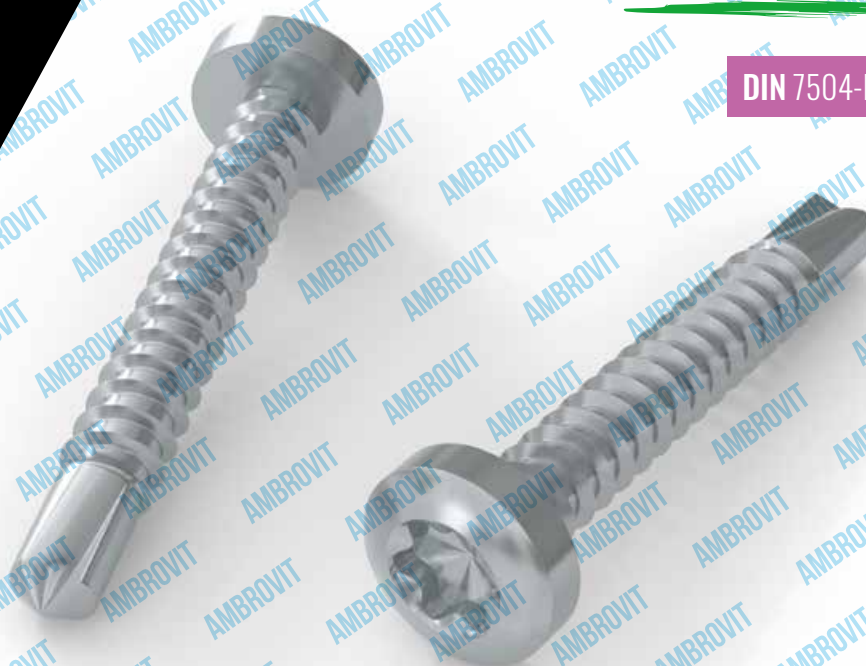
### SELF-DRILLING SCREWS SQUARE DRIVE PAN HEAD WITH SERRATION UNDER HEAD

-  Viti autoperforanti testa cilindrica impronta quadra dentellata sottotesta
-  Bohrschrauben Linsenkopf Innenvierkant und Unterkopfverzahnung
-  Vis autoperceuses tête cylindrique crantée à empreinte carrée
-  Tornillos autotaladrantes cabeza redonda huella cuadrada dentellados bajo cabeza
-  Винты самонарезающие самосверлящие полусферическая зубчатая головка, квадратный шлиц

SIZES MISURE	FINISHING		PACKAGING		
	 T6 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000		 12.000 (12)	 4.000 (4)	 1.000
<b>4,2 x 13</b>	34,90	12.000 (12)	4.000 (4)	1.000	
<b>16</b>	37,00	8.000 (8)	4.000 (4)	1.000	
<b>19</b>	41,60	8.000 (8)	4.000 (4)	1.000	
<b>22</b>	43,60	6.000 (6)	2.000 (2)	1.000	
<b>25</b>	45,90	6.000 (6)	2.000 (2)	1.000	
<b>4,8 x 16</b>	47,80	6.000 (6)	2.000 (2)	1.000	
<b>19</b>	50,30	6.000 (12)	2.000 (4)	500	
<b>22</b>	54,60	4.000 (8)	2.000 (4)	500	
<b>25</b>	58,80	4.000 (8)	2.000 (4)	500	
<b>32</b>	65,70	3.000 (6)	1.000 (2)	500	

# 81186

## TC TX

**DIN 7504-N (m) T**

ALWAYS UP-TO-DATE WITH REGULATIONS



MORE INFO ON PAGE 14

SPECIAL BOX

BLIND RIVETS

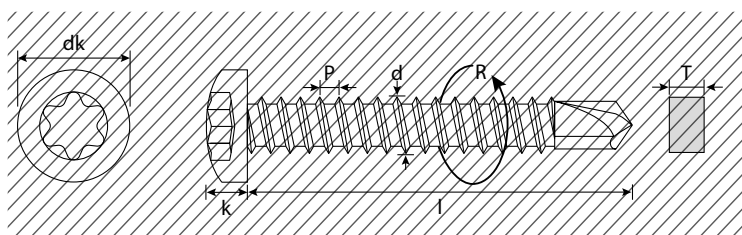
STAINLESS STEEL  
SCREWSHEX LAG  
SCREWSDRYWALL  
SCREWSCARPENTRY WOOD  
SCREWSCHIPBOARD  
SCREWSDOME & EURO  
SCREWSMACHINE  
SCREWSTRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODSSELF-TAPPING  
SCREWSCONCRETE  
SCREWSBLOCKFRAME  
SCREWSSELF-DRILLING  
SCREWS

BITS



### SELF-DRILLING SCREWS TX PAN HEAD

- Viti autoperforanti testa cilindrica TX
- Bohrschrauben Linsenkopf TX-Antrieb
- Vis autoperceuses tête cylindrique TX
- Tornillos autotaladrantes cabeza redonda TX
- Винты самонарезающие самосверлящие полусферическая головка, шлиц TX



Diameters Diametri	Limits Limiti	dk	k	d	P	TX	R	T
3,5	Min.	6,54	2,35	3,35	~1,30	T15	2.250	≤25 1,50
	Max	6,90	2,60	3,53				≥32 2,00
3,9	Min.	7,14	2,55	3,73	~1,30	T15	2.250	≤25 1,50
	Max	7,50	2,80	3,91				≥32 2,00
4,2	Min.	7,84	2,75	4,04	~1,40	T20	2.250	≤25 2,00
	Max	8,20	3,05	4,22				≥32 3,00
4,8	Min.	9,14	3,25	4,62	~1,60	T25	2.250	≤25 3,00
	Max	9,50	3,55	4,80				≥32 4,00
5,5	Min.	10,37	3,65	5,28	~1,80	T25	2.250	4,00
	Max	10,80	3,95	5,46				

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended.

La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** **Drilling capacity.**  
Capacità di foratura.

## C1022

■ Carbon steel: C1022  
Acciaio temperato: C1022

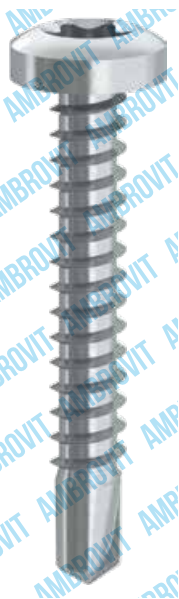
■ Case hardness: HV 560 Min  
Durezza superficiale: HV 560 Min

■ Core hardness: HV 270-425  
Durezza a cuore: HV 270-425

■ Threaded section: as per listing  
(Ex 5,5x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 5,5x70/60 = filetto 60)

# 81186

TC TX



## SELF-DRILLING SCREWS TX PAN HEAD

- Viti autopercoranti testa cilindrica TX
- Bohrschrauben Linsenkopf TX-Antrieb
- Vis autoperceuses tête cylindrique TX
- Tornillos autotaladrantes cabeza redonda TX
- Винты самонарезающие самосверлящие полусферическая головка, шлиц TX

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
<b>3,5 x 9,5</b>	T15	33,55	24.000 (24)	4.000 (4)	1.000
<b>13</b>	T15	34,20	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T15	37,20	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T15	39,60	12.000 (12)	4.000 (4)	1.000
<b>22</b>	T15	41,80	8.000 (8)	4.000 (4)	1.000
<b>25</b>	T15	45,25	8.000 (8)	4.000 (4)	1.000
<b>32</b>	T15	56,50	6.000 (6)	2.000 (2)	1.000
<b>3,9 x 13</b>	T15	34,70	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T15	38,30	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T15	41,30	8.000 (8)	4.000 (4)	1.000
<b>22</b>	T15	44,35	8.000 (8)	4.000 (4)	1.000
<b>25</b>	T15	48,00	6.000 (6)	2.000 (2)	1.000
<b>32</b>	T15	57,00	4.000 (8)	2.000 (4)	500
<b>4,2 x 13</b>	T20	37,90	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T20	40,20	8.000 (8)	4.000 (4)	1.000
<b>19</b>	T20	45,00	8.000 (8)	4.000 (4)	1.000
<b>22</b>	T20	47,20	6.000 (6)	2.000 (2)	1.000
<b>25</b>	T20	49,75	6.000 (6)	2.000 (2)	1.000
<b>32</b>	T20	61,60	4.000 (8)	2.000 (4)	500
<b>38</b>	T20	70,75	3.000 (6)	1.000 (2)	500
<b>45</b>	T20	90,20	3.000 (6)	1.000 (2)	500
<b>50</b>	T20	100,35	2.000 (4)	1.000 (2)	500

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/ 1.000			
<b>4,8 x 16</b>	T25	51,85	6.000 (6)	2.000 (2)	1.000
<b>19</b>	T25	54,45	6.000 (12)	2.000 (4)	500
<b>22</b>	T25	59,05	4.000 (8)	2.000 (4)	500
<b>25</b>	T25	63,70	4.000 (8)	2.000 (4)	500
<b>32</b>	T25	71,30	3.000 (6)	1.000 (2)	500
<b>38</b>	T25	78,00	3.000 (6)	1.000 (2)	500
<b>45</b>	T25	97,00	1.600 (8)	800 (4)	200
<b>50</b>	T25	101,60	1.600 (8)	800 (4)	200
<b>60</b>	T25	155,00	1.200 (6)	400 (2)	200
<b>5,5 x 16</b>	T25	72,50	6.000 (6)	2.000 (2)	1.000
<b>19</b>	T25	73,50	4.000 (8)	2.000 (4)	500
<b>22</b>	T25	82,00	4.000 (8)	2.000 (4)	500
<b>25</b>	T25	89,30	3.000 (6)	1.000 (2)	500
<b>32</b>	T25	107,60	3.000 (6)	1.000 (2)	500
<b>38</b>	T25	117,20	2.400 (12)	800 (4)	200
<b>45</b>	T25	148,05	1.600 (8)	800 (4)	200
<b>50</b>	T25	170,00	1.200 (6)	400 (2)	200
<b>60</b>	T25	204,40	800 (4)	400 (2)	200
<b>70/60</b>	T25	239,80	800 (4)	400 (2)	200
<b>80/60</b>	T25	263,10	800 (4)	400 (2)	200



# 81196

## TSP TX

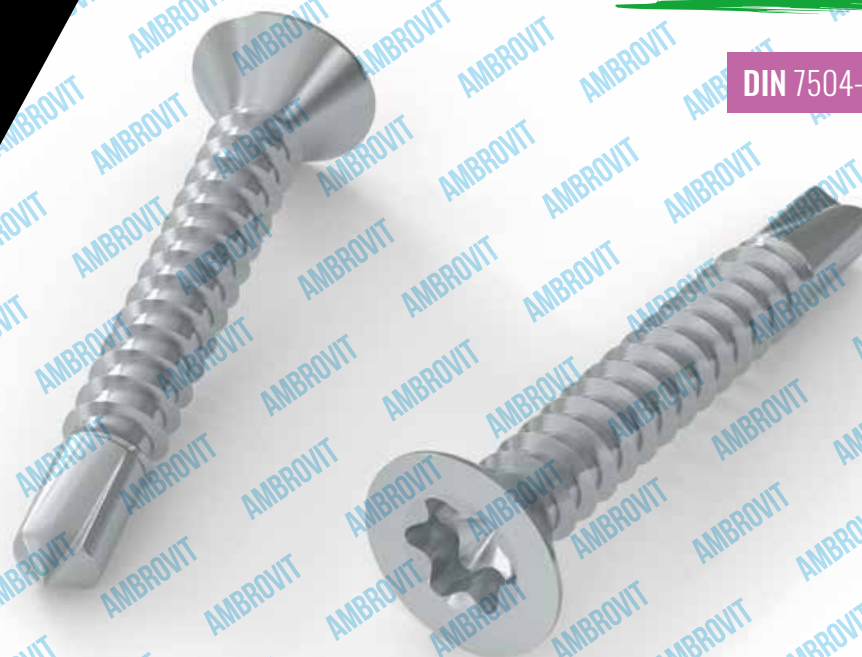


ALWAYS UP-TO-DATE WITH REGULATIONS



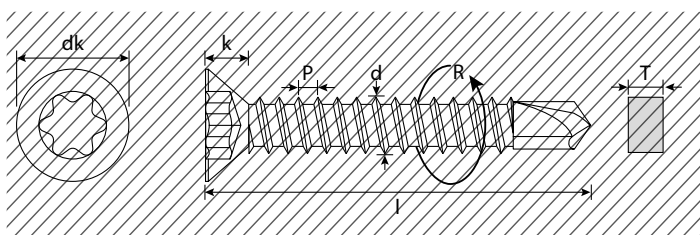
MORE INFO ON PAGE 14

DIN 7504-P (0) T


**TG 51** BASE  
 Zn Cr3 3µm  
 24 hr  
 RoHS compliant


### SELF-DRILLING SCREWS TX FLAT HEAD

- Viti autoperforanti testa svasata piana TX
- Bohrschrauben Senkkopf TX-Antrieb
- Vis autoperceuses tête fraisée TX
- Tornillos autotaladrantes cabeza plana TX
- Винты самонарезающие самосверлящие плоская потайная головка, шлиц TX



Diameters Diametri	Limits Limiti	dk	k	d	P	TX	R g/min-rpm	T
3,5	Min.	6,44	-2,10	3,35	-1,30	T15	2.250	≤25 1,50
	Max	6,80		3,53				≥32 2,00
3,9	Min.	7,14	-2,30	3,73	-1,30	T15	2.250	≤25 1,50
	Max	7,50		3,91				≥32 2,00
4,2	Min.	7,74	-2,50	4,04	-1,40	T20	2.250	≤25 2,00
	Max	8,10		4,22				≥32 3,00
4,8	Min.	9,14	-3,00	4,62	-1,60	T25	2.250	≤25 3,00
	Max	9,50		4,80				≥32 4,00
5,5	Min.	10,37	-3,40	5,28	-1,80	T25	2.250	4,00
	Max	10,80		5,46				

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended.

La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

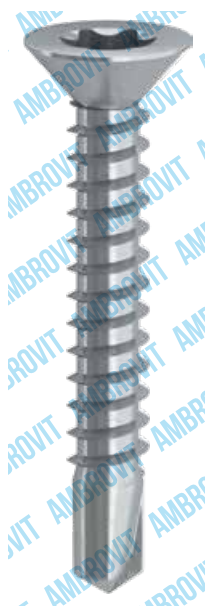
**T** Drilling capacity.  
Capacità di foratura.

## C1022






- Carbon steel: C1022  
Acciaio temperato: C1022
- Case hardness: HV 560 Min  
Durezza superficiale: HV 560 Min
- Core hardness: HV 270-425  
Durezza a cuore: HV 270-425
- Threaded section: as per listing  
(Ex 5,5x70/60 = thread 60)  
Parte filettata: come da listino  
(Es. 5,5x70/60 = filetto 60)




81196




TSP TX



## SELF-DRILLING SCREWS TX FLAT HEAD

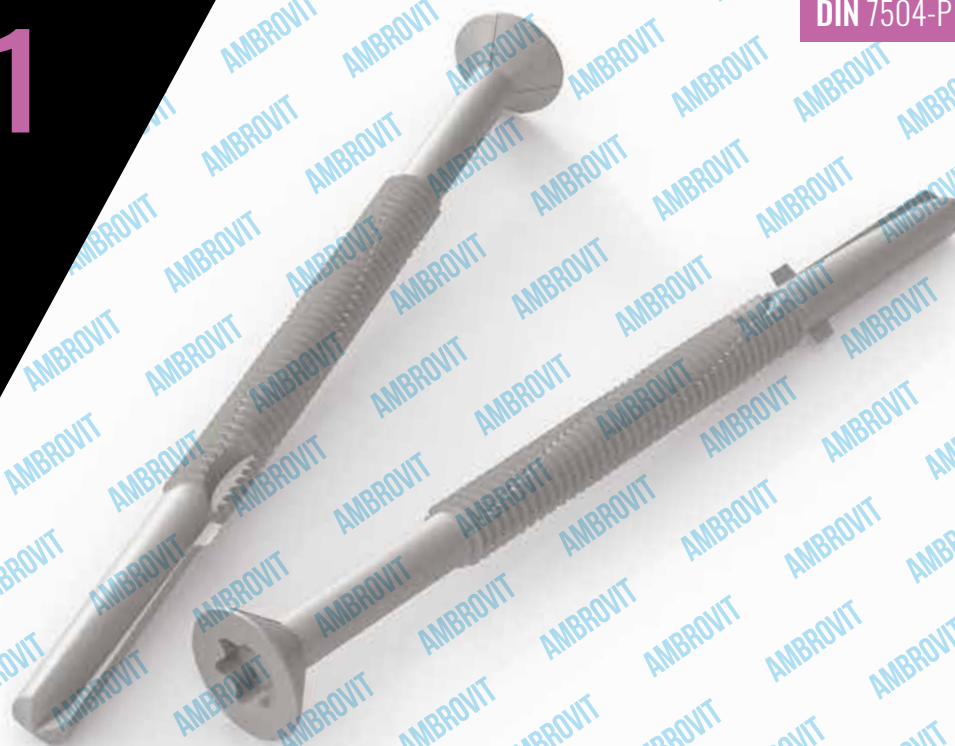
-  Viti autopercoranti testa svasata piana TX
-  Bohrschrauben Senkkopf TX-Antrieb
-  Vis auto-perceuses tête fraisée TX
-  Tornillos autotaladrantes cabeza plana TX
-  Винты самонарезающие самосверлящие плоская потайная головка, шлиц TX

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000			
<b>3,5 x 13</b>	T15	32,30	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T15	34,80	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T15	36,00	12.000 (12)	4.000 (4)	1.000
<b>22</b>	T15	38,05	12.000 (12)	4.000 (4)	1.000
<b>25</b>	T15	40,60	8.000 (8)	4.000 (4)	1.000
<b>32</b>	T15	53,30	6.000 (6)	2.000 (2)	1.000
<b>3,9 x 13</b>	T15	34,30	12.000 (12)	4.000 (4)	1.000
<b>16</b>	T15	37,20	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T15	39,50	12.000 (12)	4.000 (4)	1.000
<b>22</b>	T15	41,20	8.000 (8)	4.000 (4)	1.000
<b>25</b>	T15	42,25	8.000 (8)	4.000 (4)	1.000
<b>32</b>	T15	47,20	4.000 (8)	2.000 (4)	500
<b>4,2 x 16</b>	T20	38,05	12.000 (12)	4.000 (4)	1.000
<b>19</b>	T20	40,80	8.000 (8)	4.000 (4)	1.000
<b>22</b>	T20	42,60	8.000 (8)	4.000 (4)	1.000
<b>25</b>	T20	47,90	6.000 (6)	2.000 (2)	1.000
<b>32</b>	T20	51,85	4.000 (8)	2.000 (4)	500
<b>38</b>	T20	59,20	4.000 (8)	2.000 (4)	500

FINISHING		PACKAGING			
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 €/1.000			
<b>4,8 x 16</b>	T25	47,20	8.000 (8)	4.000 (4)	1.000
<b>19</b>	T25	51,85	6.000 (12)	2.000 (4)	500
<b>22</b>	T25	54,50	6.000 (12)	2.000 (4)	500
<b>25</b>	T25	59,20	4.000 (8)	2.000 (4)	500
<b>32</b>	T25	67,95	4.000 (8)	2.000 (4)	500
<b>38</b>	T25	74,30	3.000 (6)	1.000 (2)	500
<b>45</b>	T25	84,60	2.400 (12)	800 (4)	200
<b>50</b>	T25	88,95	1.600 (8)	800 (4)	200
<b>60</b>	T25	125,00	1.200 (6)	400 (2)	200
<b>5,5 x 25</b>	T25	83,20	4.000 (8)	2.000 (4)	500
<b>32</b>	T25	100,20	3.000 (6)	1.000 (2)	500
<b>38</b>	T25	109,00	2.400 (12)	800 (4)	200
<b>45</b>	T25	137,40	1.600 (8)	800 (4)	200
<b>50</b>	T25	158,20	1.200 (6)	400 (2)	200
<b>60</b>	T25	189,90	1.200 (6)	400 (2)	200
<b>70/60</b>	T25	220,45	800 (4)	400 (2)	200
<b>80/60</b>	T25	241,95	800 (4)	400 (2)	200

# 80191

TSP TX PF EX W

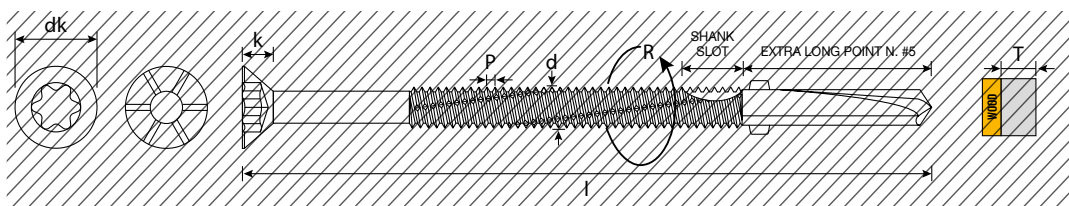
**NEW**  
PRODUCT

DIN 7504-P (o) T

**Max thickness: 12 mm // Foratura max: 12 mm**  
**Extra long point N. #5 // Punta extra lunga N. #5****TG 41** SUPER TOP  
ENDURO  
1,000 hr  
RoHS Compliant

## SELF-DRILLING SCREWS TX FLAT HEAD W/RIBS UNDER HEAD FINE CUTTING THREAD, EXTRA LONG POINT NO. 5, WITH SPECIAL WINGS

- Viti autoperforanti testa svasata plana TX passo fine automaschiante e punta extra lunga n. 5 con alette
- Bohrschrauben Senkkopf TX-Antrieb mit Flügel, Fräsrippen, Fein- und Schneidgewinde und überlanger Spitze-Nr. 5
- Vis autoperceuses tête fraisée crantée TX avec ailettes, pas fin autotaraudante et pointe foret extra longue no. 5
- Tornillos autotaladrantes cabeza plana estriada TX con aletas, paso fino autorroscante y punta extra larga n. 5
- Винты самонарезающие самосверлящие плоская головка с ребрами шлиц TX с нарезающими ушками на мелкие резьбы с насечками сверхдлинным наконечником н. 5



Diameters Diametri	Limits Limiti	dk	k	d	P	TX	R g/min-rpm	T
5,5	Min.	10,37	- 3,40	5,32	-1,06	T30	2.000	12,00
	Max	10,80		5,48				

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended. La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** **Drilling capacity.**  
Capacità di foratura.

## C1022






- Carbon steel: C1022**  
Acciaio temperato: C1022
- Case hardness: HV 560 Min**  
Durezza superficiale: HV 560 Min
- Core hardness: HV 330-450**  
Durezza a cuore: HV 330-450
- Threaded section: as per listing (Ex 5,5 x 100/80 = thread 80)**  
Parte filettata: come da listino (Es. 5,5 x 100/80 = filetto 80)




# 80191

## TSP TX PF EX W



### SELF-DRILLING SCREWS TX FLAT HEAD W/RIBS UNDER HEAD FINE CUTTING THREAD, EXTRA LONG POINT NO. 5, WITH SPECIAL WINGS

-  Viti autopercoranti testa svasata plana TX passo fine automaschiante e punta extra lunga n. 5 con alette
-  Bohrschrauben Senkkopf TX-Antrieb mit Flügel, Fräsrippen, Fein- und Schneidgewinde und überlanger Spitze-Nr. 5
-  Vis autoperceuses tête fraisée crantée TX avec ailettes, pas fin autotaraudante et pointe foret extra longue no. 5
-  Tornillos autotaladrantes cabeza plana estriada TX con aletas, paso fino autorroscante y punta extra larga n. 5
-  Винты самонарезающие самосверлящие плоская головка с ребрами шлиц TX с нарезающими ушками на мелкие резьбой с насечками сверхдлинный наконечником н. 5

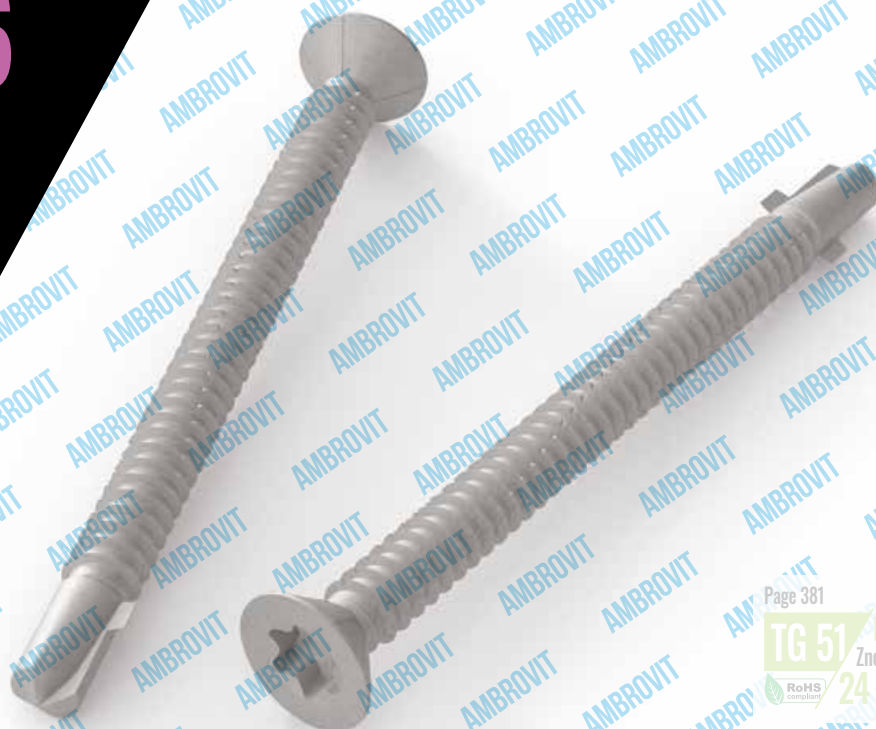
FINISHING		PACKAGING			
SIZES MISURE	TX	TG 41 ENDURO ENDURO €/ 1.000			
5,5 x 50	T30	435,00	1.000 (5)	400 (2)	200
60	T30	515,00	1.000 (10)	400 (4)	100
65	T30	550,00	1.000 (10)	400 (4)	100
70	T30	585,00	1.000 (10)	400 (4)	100
80	T30	720,00	1.000 (10)	400 (4)	100
90	T30	815,00	400 (4)	200 (2)	100
100/80	T30	1.020,00	400 (4)	200 (2)	100

# 80196

TSP TX W

**NEW**  
PRODUCT

DIN 7504-P (o) T

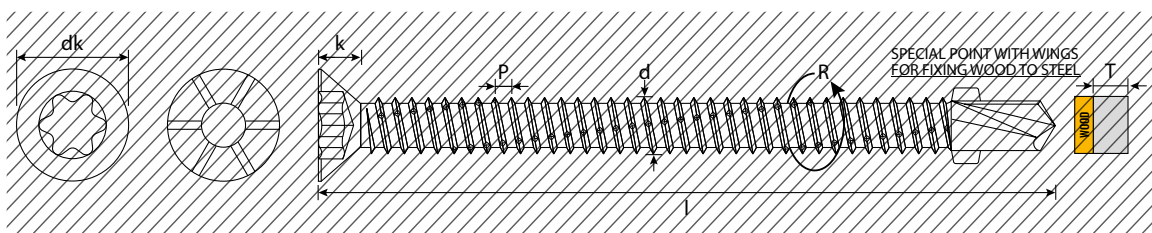


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TG 51  
BASE  
Znc Cr3 3µm  
24 hrTG 41  
SUPER TOP  
ENDURO  
1,000 hr

## SELF-DRILLING SCREWS TX FLAT HEAD W/RIBS UNDER HEAD CUTTING THREAD AND SPECIAL WINGS

- 🇮🇹 Viti autopercoranti testa svasata piana TX con alette automaschianti
- 🇩🇪 Bohrschrauben Senkkopf TX-Antrieb mit Flügel Fräsrippen und Schneidgewinde
- 🇫🇷 Vis autoperceuses tête fraisée crantée TX avec ailettes
- 🇪🇸 Tornillos autotaladrantes cabeza plana estriada TX con aletas
- 🇷🇺 Винты самонарезающие самосверлящие плоская головка с нарезающими ушками на наконечнике, шлиц TX



Diameters Diametri	Limits Limiti	dk	k	d	P	TX	R g/min-rpm	T
5,5	Min.	10,37	- 3,40	5,31	-1,81	T30	2.500	4,00
	Max	10,80		5,46				

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended. La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** Drilling capacity.  
Capacità di foratura.

## C1022






- Carbon steel: C1022  
Acciaio temperato: C1022
- Case hardness: HV 560 Min  
Durezza superficiale: HV 560 Min
- Core hardness: HV 330-420  
Durezza a cuore: HV 330-420
- Threaded section: as per listing  
(Ex 5,5x100/80 = thread 80)  
Parte filettata: come da listino  
(Es. 5,5x100/80 = filetto 80)





# 80196

## TSP TX W



### SELF-DRILLING SCREWS TX FLAT HEAD W/RIBS UNDER HEAD CUTTING THREAD AND SPECIAL WINGS

-  Viti autopercoranti testa svasata piana TX con alette automaschianti
-  Bohrschrauben Senkkopf TX-Antrieb mit Flügel Fräsrippen und Schneidgewinde
-  Vis auto-perceuses tête fraisée crantée TX avec ailettes
-  Tornillos autotaladrantes cabeza plana estriada TX con aletas
-  Винты самонарезающие самосверлящие плоская головка с нарезающими ушками на наконечнике, шлиц TX

FINISHING		PACKAGING			
SIZES MISURE	TX				
		TG 41 ENDURO ENDURO € / 1.000			
5,5 x 50	T30	300,00	1.000 (5)	400 (2)	200
60	T30	375,00	1.000 (10)	400 (4)	100
65	T30	400,00	1.000 (10)	400 (4)	100
70	T30	425,00	1.000 (10)	400 (4)	100
80	T30	540,00	1.000 (10)	400 (4)	100
90	T30	625,00	400 (4)	200 (2)	100
100/80	T30	850,00	400 (4)	200 (2)	100



# 80196

## TSP TX W



ALWAYS UP-TO-DATE WITH REGULATIONS



MORE INFO ON PAGE 14

DIN 7504-P (0) T

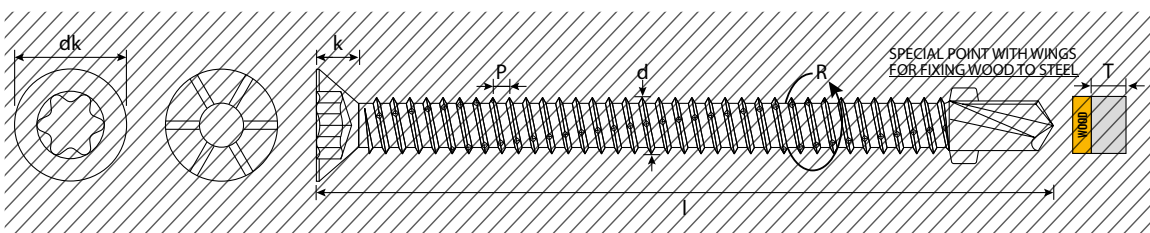
TG 51 BASE  
Znc Cr3 3µm  
24 hr

Page 379

TG 41 SUPER TOP  
ENDURO  
1,000 hr

## SELF-DRILLING SCREWS TX FLAT HEAD W/RIBS UNDER HEAD CUTTING THREAD AND SPECIAL WINGS

- 🇮🇹 Viti autopercoranti testa svasata plana TX con alette automaschianti
- 🇩🇪 Bohrschrauben Senkkopf TX-Antrieb mit Flügel Fräsrippen und Schneidgewinde
- 🇫🇷 Vis autoperceuses tête fraisée crantée TX avec ailettes
- 🇪🇸 Tornillos autotaladrantes cabeza plana estriada TX con aletas
- 🇷🇺 Винты самонарезающие самосверлящие плоская головка с нарезающими ушками на наконечнике, шлиц TX



Diameters Diametri	Limits Limiti	dk	k	d	P	TX	R g/min-rpm	T
4,2	Min.	7,74	~ 2,50	4,09	-1,41	T20	2.500	3,00
	Max	8,10		4,22				
4,8	Min.	9,14	~ 3,00	4,65	-1,59	T25	2.500	4,00
	Max	9,50		4,80				
5,5	Min.	10,37	~ 3,40	5,31	-1,81	T30	2.500	4,00
	Max	10,80		5,46				
6,3	Min.	11,97	~ 3,80	6,10	-1,81	T30	2.500	6,00
	Max	12,40		6,25				

**R** The recommended screwdriver speed is purely indicative. The value proposed is based on tests carried out in our laboratories in conformity with regulatory norms. The use of different materials on site may therefore determine values other than those recommended.

La velocità avvitatore consigliata è puramente indicativa. Il valore proposto è il risultato di test nei nostri laboratori in accordo alla Normativa di riferimento. L'utilizzo in cantiere di materiali diversi può quindi determinare valori differenti da quelli consigliati.

**T** Drilling capacity.  
Capacità di foratura.






## C1022




- Carbon steel: C1022  
Acciaio temperato: C1022
- Case hardness: HV 560 Min  
Durezza superficiale: HV 560 Min
- Core hardness: HV 330-420  
Durezza a cuore: HV 330-420
- Threaded section: as per listing  
(Ex 6,3x100/80 = thread 80)  
Parte filettata: come da listino  
(Es. 6,3x100/80 = filetto 80)




## 80196

TSP TX W


**SELF-DRILLING SCREWS TX FLAT HEAD W/RIBS UNDER HEAD  
CUTTING THREAD AND SPECIAL WINGS**

-  Viti autoporforanti testa svasata plana TX con alette automaschianti
-  Bohrschrauben Senkkopf TX-Antrieb mit Flügel Fräsrippen und Schneidgewinde
-  Vis autoperceuses tête fraisée crantée TX avec ailettes
-  Tornillos autotaladrantes cabeza plana estriada TX con aletas
-  Винты самонарезающие самосверлящие плоская головка с нарезающими ушками на наконечнике, шлиц TX

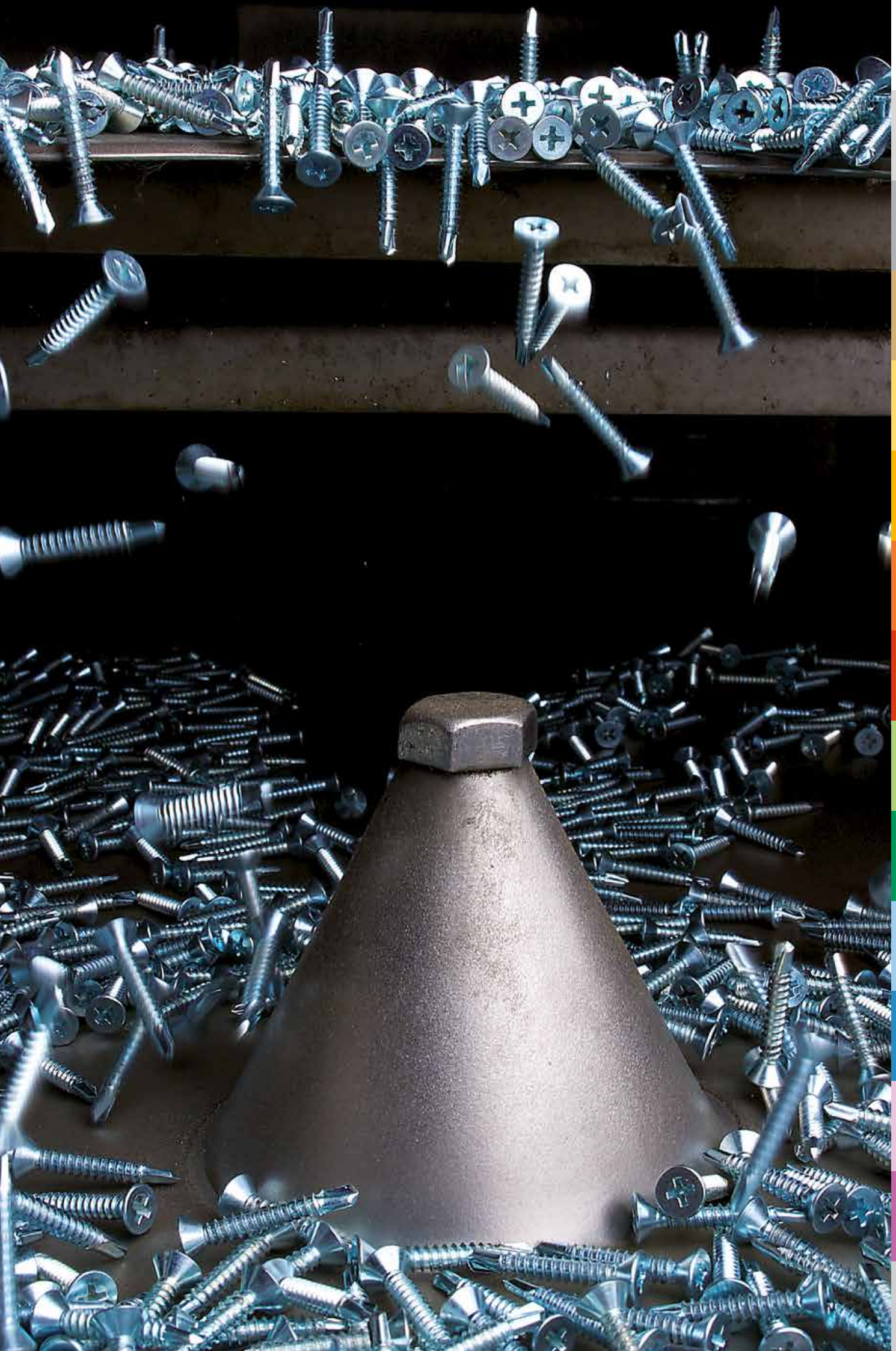
		FINISHING		PACKAGING		
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000				
<b>NEW</b> 4,2 x 25	T20	96,00	6.000 (6)	2.000 (2)	1.000	
<b>NEW</b> 32	T20	104,00	4.000 (8)	2.000 (2)	500	
<b>NEW</b> 38	T20	119,00	4.000 (8)	2.000 (2)	500	
<b>NEW</b> 45	T20	155,00	3.000 (6)	1.000 (2)	500	
<b>NEW</b> 4,8 x 25	T25	113,00	4.000 (8)	2.000 (4)	500	
<b>NEW</b> 32	T25	130,00	4.000 (8)	2.000 (4)	500	
<b>NEW</b> 38	T25	142,00	3.000 (6)	1.000 (2)	500	
<b>NEW</b> 45	T25	161,00	2.400 (12)	800 (4)	200	
<b>NEW</b> 50	T25	170,00	1.600 (8)	800 (4)	200	
<b>NEW</b> 60	T25	220,00	1.200 (6)	400 (2)	200	
<b>NEW</b> 70	T25	275,00	800 (4)	400 (2)	200	

		FINISHING		PACKAGING		
SIZES MISURE	TX	TG 51 BLUE ZNC Cr3 ZINCATE Cr3 € / 1.000				
<b>5,5 x 38</b>	T30	235,00	2.400 (12)	800 (4)	200	
<b>45</b>	T30	245,00	1.600 (8)	800 (4)	200	
<b>50</b>	T30	266,00	1.200 (6)	400 (2)	200	
<b>60</b>	T30	333,50	1.200 (12)	400 (4)	100	
<b>70</b>	T30	382,50	1.200 (12)	400 (4)	100	
<b>80</b>	T30	434,50	1.200 (12)	400 (4)	100	
<b>6,3 x 35</b>	T30	246,50	1.200 (12)	400 (4)	100	
<b>50</b>	T30	315,00	800 (8)	400 (4)	100	
<b>55</b>	T30	337,00	800 (8)	400 (4)	100	
<b>60</b>	T30	360,50	800 (8)	400 (4)	100	
<b>70</b>	T30	402,00	600 (6)	200 (2)	100	
<b>80</b>	T30	457,50	600 (6)	200 (2)	100	
<b>100/80</b>	T30	549,00	600 (6)	200 (2)	100	



**PLAY**  
THE VIDEO





SPECIAL BOX

BLIND RIVETS

STAINLESS STEEL SCREWS

HEX LAG SCREWS

DRYWALL SCREWS

CARPENTRY WOOD SCREWS

CHIPBOARD SCREWS

DOME & EURO SCREWS

MACHINE SCREWS

TRILOBULAR SCREWS  
NUTS BOLTS WASHERS  
THREADED RODS

SELF-TAPPING SCREWS






CONCRETE SCREWS

BLOCKFRAME SCREWS

SELF-DRILLING SCREWS

BITS

# BITS

-  Inserti
-  Inbuseinsätze
-  Embouts
-  Puntas para atornillar
-  БИТЫ

 **AMBROVIT®** MAIN DATA

**44,000**  
PALLETS

**3,000**  
TRAYS

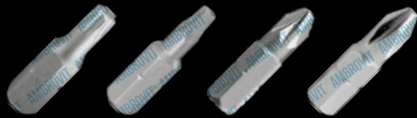
**1,500**  
CLIENTS

**5,000**  
PICKING LINES  
PER DAY

**54**  
INTERNATIONAL  
MARKETS

**00070** BIT

PAGE  
**386**



**00075** L BIT

PAGE  
**386**







Bits

# 00070

BIT







## BITS (25mm)

 Inserti (25mm) 
  Inbuseinsätze (25mm) 
  Embouts (25mm)  
 Puntas para atornillar (25mm) 
  Биты (25мм)

BIT	PACKAGING			
SIZES				
	100 Euro/Piece	50 Euro/Piece	10 Euro/Piece	
	T10	2,00	2,80	4,20
	T15	2,00	2,80	4,20
	T20	2,00	2,80	4,20
	T25	2,00	2,80	4,20
	T30	2,00	2,80	4,20
	T40	2,00	2,80	4,20
	T50	6,50	9,00	14,00



Price for single piece.  
Prezzo per singolo pezzo.





BIT	PACKAGING			
SIZES				
	100 Euro/Piece	50 Euro/Piece	10 Euro/Piece	
	SQ1	1,00	1,50	2,00
	SQ2	1,00	1,50	2,00
	SQ3	1,00	1,50	2,00
	PZ0	0,80	1,20	1,70
	PZ1	0,80	1,20	1,70
	PZ2	0,80	1,20	1,70
	PZ3	0,80	1,20	1,70
	PH0	0,80	1,20	1,70
	PH1	0,80	1,20	1,70
	PH2	0,80	1,20	1,70
	PH3	0,80	1,20	1,70

# 00075

L BIT

## LONG BITS (50 mm)

 Inserti lunghi (50mm) 
  Länge Inbuseinsätze (50mm) 
  Embouts longs (50mm)  
 Puntas largas para atornillar (50mm) 
  Биты удлиненные (50мм)

BIT	PACKAGING			
SIZES				
	100 Euro/Piece	50 Euro/Piece	10 Euro/Piece	
	T10	4,00	5,50	8,00
	T15	4,00	5,50	8,00
	T20	4,00	5,50	8,00
	T25	4,00	5,50	8,00
	T30	4,00	5,50	8,00
	T40	4,00	5,50	8,00
	T50	9,00	13,00	19,00



Price for single piece.  
Prezzo per singolo pezzo.









**AMBROVIT<sup>®</sup>**  
BOLTS+SCREWS