

NOTE

- i prezzi si intendono per n° 1000 pezzi ove non diversamente indicato.
- Contraddistingue le nuove misure introdotte rispetto al listino precedente.
- prices are expressed for units of 1000 pieces, unless otherwise indicated.*

Confezioni



Scatola
(sulla singola scatola verrà applicato un aumento del **10%**)
Box **+10% with**



Fornitura minima
(è la minima quantità su cui non verrà applicato l'aumento del 10%)
Minimum consignment



Pezzi per cartone



Pezzi per sacchetto



Pezzi per fascio



Confezione industriale

Aiutateci ad offrirvi un servizio migliore

In caso di ordini e/o offerte da sottoporci, controllate innanzitutto il nostro catalogo ed il nostro sito web, trovate l'articolo che state cercando, poi annotate il codice. Ricordate di indicarlo nella vostra offerta o nell'ordine. Non dimenticate di aggiungere le misure (diametro e lunghezza), il tipo di trattamento, l'imballaggio (sfuso in cartone o scatolette commerciali) e la quantità richiesta.

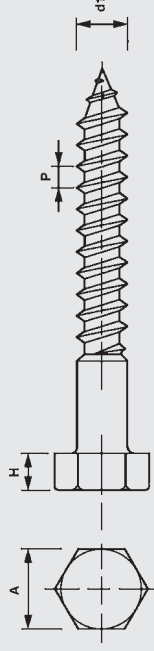
VITIA LEGNO TE 4.8
HEX HEAD WOOD SCREWS 48

DIN

- Acciaio a Bassa Resistenza





- Low Tensile Steel

- Limite di elasticità: 320 N/mm²



FINITURA/FINISHING

IMBALLO/.....

MISURE SIZES				
5 x 20	3100	400 (4)	400 (4)	100
25	3650	400 (4)	400 (4)	100
30	4150	400 (4)	400 (4)	100
35	4750	400 (4)	400 (4)	100
...	5200	400 (4)	400 (4)	100
...	5850	400 (4)	400 (4)	100
50	6250	400 (4)	400 (4)	100
60	6900	400 (4)	400 (4)	100
6 x 20	4500	400 (4)	400 (4)	100
25	4500	400 (4)	400 (4)	100
30	4900	400 (4)	400 (4)	100
35	5000	400 (4)	400 (4)	100
...	5500	400 (4)	400 (4)	100
...	6350	400 (4)	400 (4)	100
50	6700	800 (8)	400 (4)	100
60	7500	800 (8)	400 (4)	100
70	8450	800 (8)	400 (4)	100
80	8800	800 (8)	400 (4)	100
90	11500	600 (6)	200 (2)	100
100	12500	600 (6)	200 (2)	100
110	12850	600 (6)	200 (2)	100
120	13550	600 (6)	200 (2)	100
130	19250	600 (6)	200 (2)	100
...	23150	600 (6)	200 (2)	100
150	27800	600 (6)	200 (2)	100
160	38500	400 (4)	200 (2)	100
180	46000	400 (4)	200 (2)	100
200	52000	400 (4)	200 (2)	100



4.8

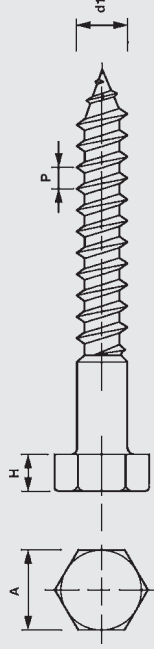
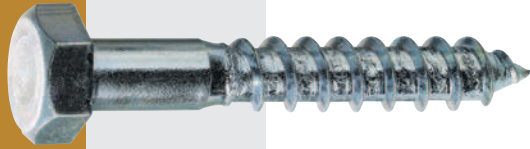
Diametri	Limiti	A	H	d1	P
5,0	• da 7,64 Max	7,64 8,00	3,13 3,88	4,52 5,00	~ 2,20
6,0	• da 9,64 Max	9,64 10,00	3,63 4,38	5,52 6,00	~ 2,60
7,0	• da 11,57 Max	11,57 12,00	4,63 5,38	6,42 7,00	~ 3,20
8,0	• da 12,57 Max	12,57 13,00	5,13 5,88	7,42 8,00	~ 3,60
10,0	• da 16,57 Max	16,57 17,00	6,55 7,45	9,42 10,00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



Prevalentemente impiegate nel settore edile, nelle coperture civili e industriali per

VITIA LEGNO TE 4.8

HEX HEAD WOOD SCREWS 4.8



4.8

Diametri	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	



Prevalentemente impiegate nel settore edile, nelle coperture civili



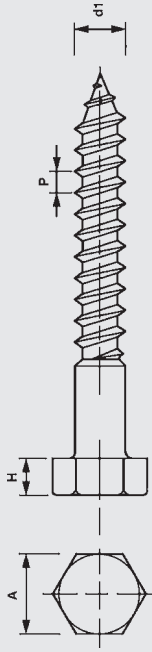
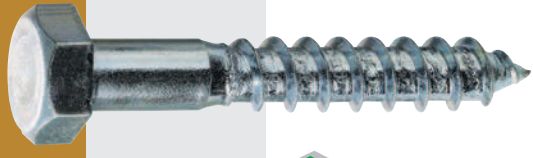
DIN

FINITURA/FINISHING		IMBALLO/...		FINITURA/FINISHING		IMBALLO/...	
MISURE SIZES	Zincate CR3 Blue zinc CR3			MISURE SIZES	Zincate CR3 Blue zinc CR3		
7 x 50	105,50	800 (6)	100	• • • • •	182,50	600 (6)	100
60	124,00	800 (6)	100	• • • • •	199,00	600 (6)	100
70	150,50	600 (6)	100	50	213,00	400 (4)	100
80	158,00	600 (6)	100	60	225,00	400 (4)	100
90	161,50	600 (6)	100	70	238,00	200 (2)	50
100	176,50	600 (6)	100	80	269,00	200 (4)	50
110	180,00	400 (4)	100	90	282,00	200 (4)	50
120	191,50	400 (4)	100	100	304,00	200 (4)	50
130	221,50	400 (4)	100	110	322,00	200 (4)	50
• • • • •	229,00	400 (4)	100	120	343,50	200 (4)	50
150	240,50	400 (4)	100	130	439,00	200 (4)	50
				• • • • •	457,50	200 (4)	50
8 x 25	80,50	• • • • •	100	150	476,50	200 (4)	50
30	85,00	• • • • •	100	160	551,50	200 (4)	50
35	94,00	• • • • •	100	180	589,00	200 (4)	50
• • • • •	108,50	800 (6)	100	200	626,50	200 (4)	50
• • • • •	117,00	800 (6)	100	220	• • • • •	200 (4)	50
50	120,00	600 (6)	100	• • • • •	• • • • •	150 (3)	50
60	137,00	600 (6)	100	250	• • • • •	150 (3)	50
70	145,00	400 (4)	100	260	• • • • •	150 (3)	50
80	159,50	400 (4)	100	280	• • • • •	150 (3)	50
90	181,00	400 (4)	100	• • • • •	• • • • •	150 (3)	50
100	193,00	400 (4)	100				
110	210,00	400 (4)	100				
120	223,50	400 (4)	100				
130	255,00	400 (4)	100				
• • • • •	345,00	300 (6)	50				
150	382,50	200 (4)	50				
160	510,00	300 (6)	50				
180	536,50	200 (4)	50				
200	600,00	200 (4)	50				
• • • • •	902,00	200 (4)	50				
250	• • • • •	150 (3)	50				



VITIA LEGNO TE 4.8
HEX HEAD WOOD SCREWS 48

DIN



4.8

Diametri	Limiti	A	H	d1	P
5,0	• 48 0000	7,64	3,13	4,52	~ 2,20
	Max	8,00	3,88	5,00	
6,0	• 48 0000	9,64	3,63	5,52	~ 2,60
	Max	10,00	4,38	6,00	
7,0	• 48 0000	11,57	4,63	6,42	~ 3,20
	Max	12,00	5,38	7,00	
8,0	• 48 0000	12,57	5,13	7,42	~ 3,60
	Max	13,00	5,88	8,00	
10,0	• 48 0000	16,57	6,55	9,42	~ 4,50
	Max	17,00	7,45	10,00	
12,0	• 48 0000	18,48	7,55	11,30	~ 5,00
	Max	19,00	8,45	12,00	
16,0	• 48 0000	23,16	9,55	15,30	~ 6,00
	Max	24,00	10,45	16,00	

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FINITURA/FINISHING		IMBALLO/.....		FINITURA/FINISHING		IMBALLO/.....	
MISURE SIZES	Zincate CR3 Blue zinc CR3			MISURE SIZES	Zincate CR3 Blue zinc CR3		
12 x 50	358.00	300 (6)	50	16 x 100	.....	100 (4)	25
60	394.00	300 (6)	50	120	.....	100 (4)	25
70	412.50	200 (4)	50	.....	.....	100 (4)	25
80	435.00	200 (4)	50	150	.....	100 (4)	25
90	450.50	200 (4)	50	160	.....	100 (4)	25
100	476.50	200 (4)	50	180	.....	100 (4)	25
110	495.00	200 (4)	50	200	.....	100 (4)	25
120	506.50	200 (4)	50	220	.....	100 (4)	25
130	540.00	200 (4)	50	.....	.....	150 (2)	25
.....	754.00	150 (6)	25	260	.....	150 (2)	25
150	787.50	150 (6)	25	280	.....	150 (2)	25
160	956.50	150 (6)	25	300	.....	150 (2)	25
180	.....	100 (4)	25	320	.....	150 (2)	25
200	.....	100 (4)	25	.....	.....	150 (2)	25
220	.....	100 (4)	25	360	.....	25 (1)	25
.....	.....	75 (3)	25	380	.....	25 (1)	25
250	.....	75 (3)	25	.....	.....	25 (1)	25
260	.....	75 (3)	25				
280	.....	75 (3)	25				
300	.....	75 (3)	25				
320	.....	75 (3)	25				
.....	.....	75 (3)	25				
360	.....	25 (1)	25				
380	.....	25 (1)	25				
.....	25 (1)	25				



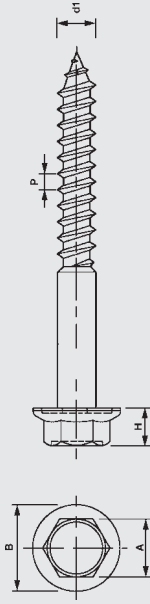
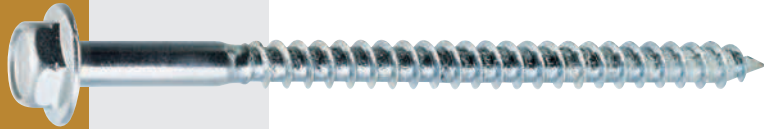
Prevalentemente impiegate nel settore edile, nelle coperture civili

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VITIA LEGNO TE FLANGIATE 4.8

HEX FLANGE HEAD WOOD SCREWS 4.8



Diametri	Limiti	A	B	H	d1	P
6,0	9,60 10,00	14,30	5,00	5,52	~ 2,60	

4.8

- Acciaio a Bassa Resistenza

- Low Tensile Steel

- Limite di elasticità: 320 N/mm²

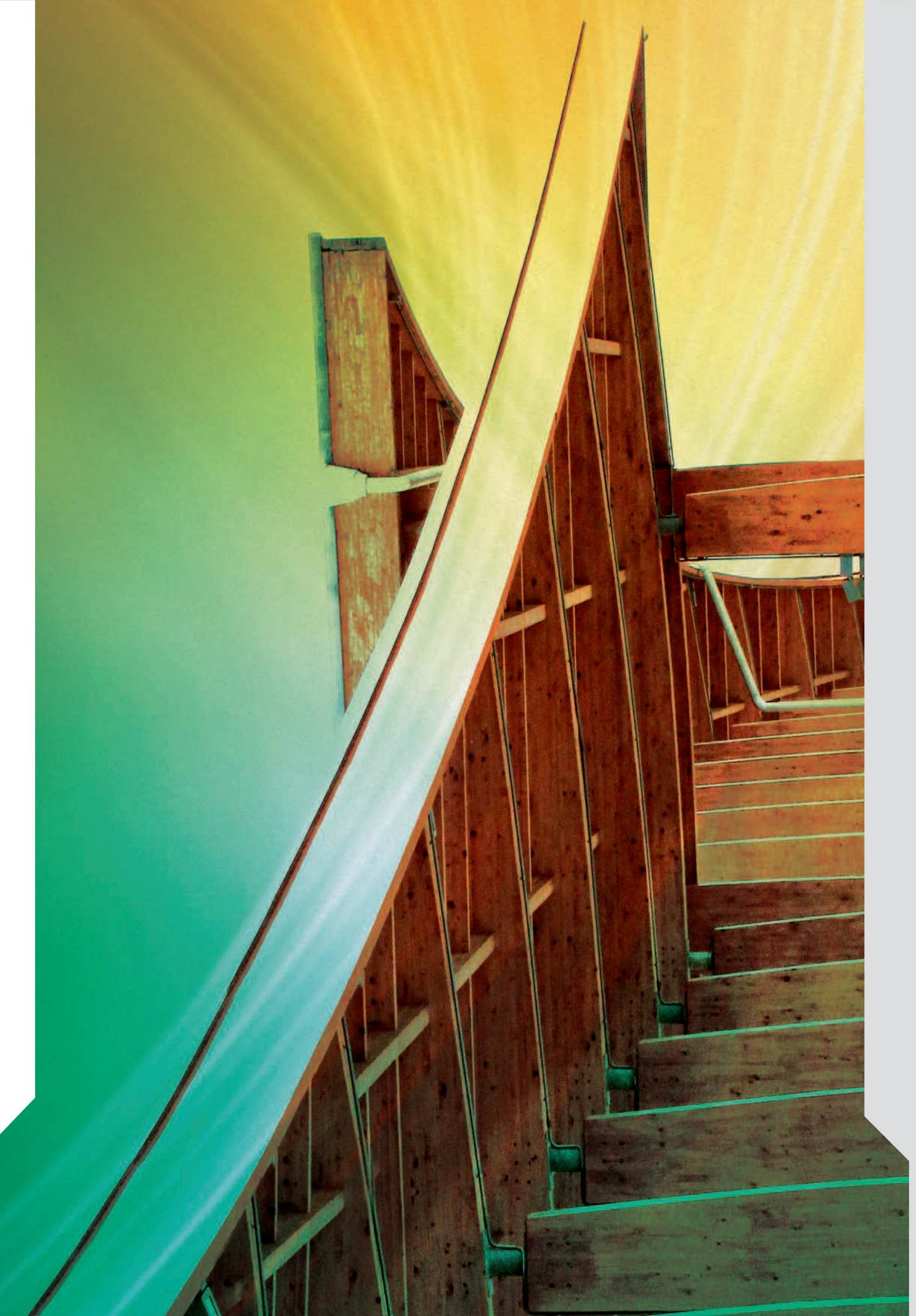


Prevalentemente impiegate nel settore edile, nelle coperture civili

FINITURA/FINISHING		IMBALLO/-	
MISURE SIZES	Zincato CP3 Blue zinc CP3		
6 x 25	75,00	800 (4)	200
30	75,50	800 (4)	200
35	78,00	400 (2)	200
...	80,50	400 (2)	200
...	86,00	400 (2)	200
50	91,50	400 (2)	200
60	101,00	400 (2)	200
70	116,50	800 (8)	100
80	138,50	800 (8)	100
90	157,00	600 (6)	100
100	161,50	600 (6)	100
110	166,50	400 (4)	100
120	189,50	400 (4)	100
130	215,50	400 (4)	100
...	253,50	400 (4)	100
150	267,00	400 (4)	100
160	412,00	400 (4)	100
180	491,00	400 (4)	100
200	560,00	400 (4)	100













VITI PER PANNELLI TRUCIOLARI

CHIPBOARD SCREWS

SILVER RUSPERT 	VITI TRUCIOLARI TMT TX AUTOPERFORANTI SUPER SVASANTI RANELLATE TX WAFFER HEAD CHIPBOARD SCREWS WITH SERRATION AND DRILLING POINT "TYPE I7"	67052	SUPER TMT TX RAN DR	PAG. / PAGE	35	VITI TRUCIOLARI TC PZ PZ PAN HEAD CHIPBOARD SCREWS	05062	TC PZ	PAG. / PAGE	50
	VITI TRUCIOLARI TSP TX AUTOPERFORANTI SUPER SVASANTI TX FLAT HEAD CHIPBOARD SCREWS WITH SERRATION AND DRILLING POINT "TYPE I7"	87052	SUPER TSP TX DR	PAG. / PAGE	36	VITI TRUCIOLARI TSC PZ PZ OVAL HEAD CHIPBOARD SCREWS	05072	TSC PZ	PAG. / PAGE	52
SILVER RUSPERT 	VITI TRUCIOLARI TMT TX AUTOPERFORANTI SUPER SVASANTI RANELLATE TX WAFFER HEAD CHIPBOARD SCREWS WITH SERRATION AND DRILLING POINT "TYPE I7"	67052	SUPER TMT TX RAN DR	PAG. / PAGE	37	VITI TRUCIOLARI TSP PZ FILETTO PARZIALE CON ALETTE AUTOSVASANTI PZ FLAT HEAD PARTIAL THREAD CHIPBOARD SCREWS WITH RIBS UNDER HEAD	05152	TSP PZ PT	PAG. / PAGE	54
	VITI TRUCIOLARI TSP TX AUTOPERFORANTI SUPER SVASANTI TX FLAT HEAD CHIPBOARD SCREWS WITH SERRATION AND DRILLING POINT "TYPE I7"	87052	SUPER TSP TX DR	PAG. / PAGE	38	VITI TRUCIOLARI TSP PZ CON FORO CON ALETTE AUTOSVASANTI PZ FLAT HEAD WITH HOLE CHIPBOARD SCREWS WITH RIBS UNDER HEAD	05053	TSP PZ HO	PAG. / PAGE	55
SILVER RUSPERT 	VITI TRUCIOLARI TSP TX TUTTO FILETTO AUTOPERF. SUPER SVASANTI TX FLAT HEAD FULL THREAD CHIPBOARD SCREWS WITH SERR. "TYPE I7"	87352	TSP TX	PAG. / PAGE	39	VITI TRUCIOLARI TSP PZ TESTA RIDOTTA PZ SMALL FLAT HEAD CHIPBOARD SCREWS	05142	TSP PZ SM	PAG. / PAGE	56
	VITI TRUCIOLARI TE COMBI TX AUTOPERF. RANELL. SUPER SVASANTI TX HEX WASHERS HEAD CHIPBOARD SCREWS WITH SERRATION AND DRILLING POINT "TYPE I7"	97052	SUPER TE TX RAN DR	PAG. / PAGE	40	VITI TRUCIOLARI TSP TX TESTA RIDOTTA AUTOPERF. CON ALETTE AUTOSVASANTI TZ FLAT SMALL HEAD CHIPBOARD SCREWS WITH DRILLING POINT AND WITH RIBS UNDER HEAD	04054	TSP TX SM DR	PAG. / PAGE	57
SILVER RUSPERT 	VITI PER ISOLAMENTO TMT TX DOPPIO FILETTO AUTOPERF. SUPER SVASANTI RANELL. INSULATION SCREWS DOUBLE THREAD TX WAFFER HEAD WITH SERR. "TYPE I7"	67552	TMT TX	PAG. / PAGE	41	VITI TRUCIOLARI TSP TX AUTOPERF. CON ALETTE AUTOSVASANTI TX FLAT CHIPBOARD SCREWS WITH DRILLING POINT AND WITH RIBS UNDER HEAD	04052	TSP TX DR	PAG. / PAGE	58
	VITI PER ISOLAMENTO TC TX DOPPIO FILETTO AUTOPERF. SUPER SVASANTI INSULATION SCREWS DOUBLE THREAD TX CYLINDER HEAD WITH SERR. "TYPE I7"	76552	SUPER TC TX	PAG. / PAGE	42	VITI TRUCIOLARI TMT TX CON COLLARE TX TRUSS HEAD CHIPBOARD SCREWS WITH NECK UNDER HEAD / VIS À PERFORE	08062	TMT TX C/COLLARE	PAG. / PAGE	59
SILVER RUSPERT 	VITI TRUCIOLARI TSP TX SUPER SVASANTI 2 PRINCIPI TX FLAT HEAD CHIPBOARD SCREWS WITH TWIN AND SAW THREAD	77052	SUPER TSP TX	PAG. / PAGE	43	VITI TRUCIOLARI TMT PZ COMBI DENTELLATE PZ TRUSS HEAD COMBINATION CHIPBOARD SCREWS WITH SERRATION	05068	TMT PZ	PAG. / PAGE	60
	VITI TRUCIOLARI TSP TX 2 PRINCIPI TX FLAT HEAD CHIPBOARD SCREWS WITH TWIN THREAD	07052	TSP TX	PAG. / PAGE	44	VITI TRUCIOLARI TSC PZ RANELLATE PZ OVAL WASHER HEAD CHIPBOARD SCREWS	08052	TSC PZ RAN	PAG. / PAGE	61
SILVER RUSPERT 	VITI TRUCIOLARI TSP PZ PZ FLAT HEAD CHIPBOARD SCREWS	05052	TSP PZ	PAG. / PAGE	46	VITI TRUCIOLARI TMT RANELLATE PZ COMBI TRUSS WASHER HEAD SCREWS POZI COMBINATION	78052	TMT RAN K	PAG. / PAGE	62
	VITI TRUCIOLARI TSP PZ TUTTO FILETTO PZ FLAT HEAD FULL THREAD CHIPBOARD SCREWS	05352	TSP PZ FULL	PAG. / PAGE	49	VITI TRUCIOLARI TMT RANELLATE PZ COMBI S/PUNTA TRUSS WASHER HEAD SCREWS POZI COMBINATION (WITHOUT POINT)	78552	TMT RAN K S/P	PAG. / PAGE	63

NOTE

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 • Contraddistingue le nuove misure introdotte rispetto al listino precedente.
 prices are expressed for units of 1000 pieces, unless otherwise indicated.

Confezioni



Scatola
 (sulla singola scatola verrà
 applicato un aumento del **10%**)
Box *10% with*



Fornitura minima
 (è la minima quantità su cui non
 verrà applicato l'aumento del 10%)
Minimum consignment



Pezzi per cartone



Pezzi per sacchetto



Pezzi per fascio



Confezione industriale

Aiutateci ad offrirvi un servizio migliore

In caso di ordini e/o offerte da sottoporci, controllate innanzitutto il nostro catalogo ed il nostro sito web, trovate l'articolo che state cercando, poi annotate il codice. Ricordate di indicarlo nella vostra offerta o nell'ordine. Non dimenticate di aggiungere le misure (diametro e lunghezza), il tipo di trattamento, l'imballaggio (sfuso in cartone o scatolette commerciali) e la quantità richiesta.

VITI TRUCIOLARI TMT TX AUTOPERFORANTI SUPER SVASANTI RANELLATE

TX WAFER HEAD CHIPBOARD SCREWS WITH SERRATION AND DRILLING POINT "TYPE 17"

- Acciaio temperato: C 10B21

(Es. 60x200/10)

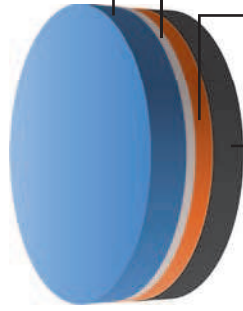
FINITURA/.....IMBALLO/.....

MISURE SIZES	Silver Ruspert Silver Ruspert		
60 x 80/.....	260,00	2.400 (12)	200
100/.....	330,00	1.200 (12)	100
120/.....	385,00	1.200 (12)	100
.....160/.....	500,00	1.200 (12)	100
160/70	620,00	600 (6)	100
180/70	830,00	600 (6)	100
200/70	960,00	600 (6)	100
220/70	1.200,00	600 (6)	100
.....260/.....	1.400,00	600 (6)	100
260/70	1.500,00	400 (4)	100
280/70	1.830,00	400 (4)	100
.....320/.....	2.000,00	400 (4)	100
80 x 80/.....	470,00	700 (14)	50
100/.....	570,00	700 (14)	50
120/.....	710,00	600 (12)	50
.....160/.....	850,00	600 (12)	50
160/80	1.060,00	600 (12)	50
180/80	1.270,00	300 (6)	50
200/80	1.500,00	300 (6)	50
220/80	1.840,00	300 (6)	50
.....260/.....	2.090,00	300 (6)	50
260/80	2.230,00	200 (4)	50
280/80	2.760,00	200 (4)	50
.....320/.....	3.070,00	200 (4)	50
.....360/.....	3.220,00	200 (4)	50
.....400/.....	3.880,00	200 (4)	50
.....440/.....	4.400,00	200 (4)	50
.....480/.....	4.770,00	200 (4)	50
.....520/.....	5.180,00	200 (4)	50

Tattamento Silver RUSPERT

Silver RUSPERT coating

Resistenza in nebbia salina 1.000 h
1.000h salt-spray test



Rivestimento ceramico cotto di 10 µm di spessore
10 µm thick fired ceramic coating

Film di conversione chimica ad alta resistenza
alla corrosione di circa 2 µm di spessore
High corrosion resistant chemical conversion film
of an approximate thickness of 2 µm

Strato di zinco metallico di spessore
variabile da 3 a 5 µm
Metal zinc layer of a thickness ranging between 3 and 5 µm

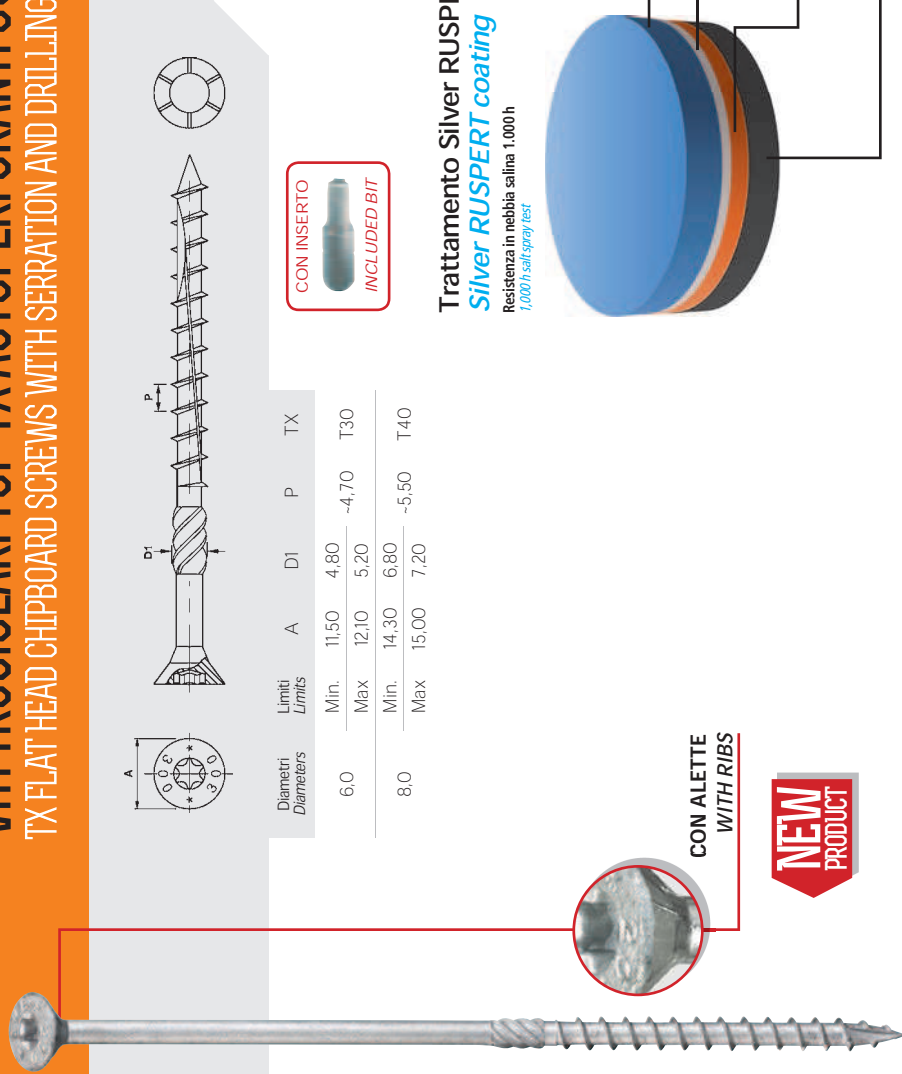
Substrato in acciaio
Steel substrate



Viti di nuova concezione prevalentemente impiegate nelle carpenterie in legno, nella produzione di arredi montanti, gazebo, coperture e strutture di grandi dimensioni. Particolarmente adatte su strutture sottoposte a forti sollecitazioni in quanto, con la testa migliorata, riesce a distribuire il carico su una maggiore superficie alle normali cave PZ o PH senza dover esercitare una elevata pressione. Grazie alla speciale punta "type 17" la penetrazione è più facile e veloce anche nei legni più duri. Utilizzabili con inserti (vedi pag. 22).

Newly designed screws mostly used in wooden carpentry, in the manufacture of mountain furniture, gazebos, covers and large structures. Particularly suitable for structures subjected to strong stresses as it manages to distribute the load over a larger surface with the extra-large head. The TX-drive enables a much higher torque compared with the normal PZ or PH recess, without having to exert more pressure. Thanks to the special "type 17" point, the penetration is easier and quicker also into the hardest woods. Usable with inserts (see page 22).

VITI TRUCIOLARI TSP TX AUTOPERFORANTI SUPER SVASANTI TX FLAT HEAD CHIPBOARD SCREWS WITH SERRATION AND DRILLING POINT "TYPE 17"

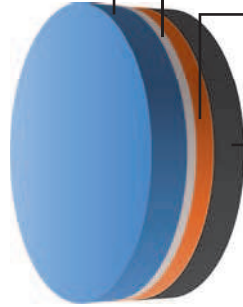


Diametri Diameters	Limiti Limits	A	D1	P	TX
6,0	Min.	11,50	4,80	-4,70	T30
	Max	12,10	5,20		
8,0	Min.	14,30	6,80	-5,50	T40
	Max	15,00	7,20		



Trattamento Silver RUSPERT Silver RUSPERT coating

Resistenza in nebbia salina 1.000 h
1,000 h salt spray test



Viti di nuova concezione prevalentemente impiegate nelle carpenterie in legno, nella produzione di arredi montani, gazebo, coperture e strutture di grandi dimensioni. L'impronta a cava TX consente di trasmettere una coppia decisamente superiore alle normali cave PZ o PH senza dover esercitare una elevata pressione. Grazie alla speciale punta "type 17" la penetrazione è più facile e veloce anche nei legni più duri. Utilizzabili con rondelle per viti ed inserti (vedi pag. 21 e 22).

Newly-designed screws mostly used in wooden carpentry, in the manufacture of mountain furniture, gazebos, covers and large structures. The TX-drive form enables a much higher torque compared with the normal PZ or PH recess, without having to exert more pressure. Thanks to the special "type 17" point, the penetration is easier and quicker also into the hardest woods. Usable with washers for screws and inserts (see page 21 and 22).

- Acciaio temperato: C10B21
- Carbon steel: C10B21
- Gage thickness: ... HV 440-500
- Core thickness: ... HV 300-390
- Threaded section: ... as per listing
(Es. 6,0x70/... thread 42)

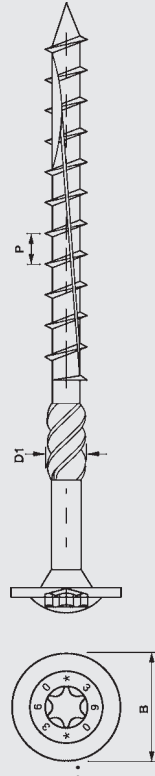
FINITURA/FINISHING		IMBALLO/PACKAGING	
MISURE SIZES	Silver Ruspert Silver Ruspert		
6,0 x 70/...	195,00	1200 (6)	200
80/...	220,00	1200 (6)	200
100/...	285,00	800 (8)	100
120/70	355,00	600 (6)	100
... 70	420,00	600 (6)	100
160/70	535,00	600 (6)	100
180/70	730,00	400 (4)	100
200/70	900,00	400 (4)	100
220/70	1100,00	600 (6)	100
... 70	1220,00	600 (6)	100
260/70	1430,00	400 (4)	100
280/70	1650,00	400 (4)	100
... 70	1810,00	400 (4)	100
8,0 x 80/...	390,00	1400 (4)	100
100/...	490,00	1400 (4)	100
120/80	620,00	1200 (2)	100
... 80	800,00	1000 (0)	100
160/80	990,00	700 (7)	100
180/80	1250,00	600 (6)	100
200/80	1430,00	600 (6)	100
220/80	1650,00	500 (5)	100
... 80	1990,00	500 (5)	100
260/80	2150,00	400 (4)	100
280/80	2440,00	400 (4)	100
... 80	2930,00	400 (4)	100
... 80	2990,00	200 (4)	50
... 80	3540,00	200 (4)	50
... 80	3800,00	200 (4)	50
... 80	4590,00	200 (4)	50
... 80	4760,00	200 (4)	50

VITI TRUCIOLARI TMT TX AUTOPERFORANTI SUPER SVASANTI RANELATE

TX WAFER HEAD CHIPBOARD SCREWS WITH SERRATION AND DRILLING POINT "TYPE 17"

- Acciaio temperato: C 10B21

(Es. 60x200/70)

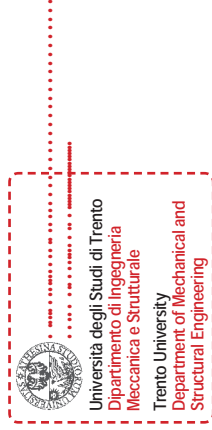


FINITURA/.....		IMBALLO/.....	
MISURE SIZES	TX	Zincate gialle Yellow zinc	
60 x 80/.....	T30	201,00	200
100/.....	T30	269,00	100
120/.....	T30	329,00	100
.....80/.....	T30	445,00	100
160/70	T30	695,00	100
180/70	T30	1.070,00	100
200/70	T30	1.174,50	100
220/70	T30	1.220,00	100
.....80/.....	T30	1.351,50	100
260/70	T30	1.465,50	100
280/70	T30	1.633,50	100
.....80/.....	T30	1.803,00	100
80 x 80/.....	T40	331,00	50
100/.....	T40	380,00	50
120/.....	T40	503,00	50
.....80/.....	T40	571,50	50
160/80	T40	744,00	50
180/80	T40	943,00	50
200/80	T40	1.120,50	50
220/80	T40	1.413,50	50
.....80/.....	T40	1.703,50	50
260/80	T40	2.120,50	50
280/80	T40	2.238,00	50
.....80/.....	T40	2.358,00	50
.....80/.....	T40	2.478,50	50
.....80/.....	T40	2.596,00	50
.....80/.....	T40	2.738,50	50
.....80/.....	T40	2.861,50	50
.....80/.....	T40	2.957,50	50
.....100/.....	T40	5.200,00	50
.....100/.....	T40	5.550,00	50
.....100/.....	T40	5.800,00	50

FINITURA/.....		IMBALLO/.....	
MISURE SIZES	TX	Zincate gialle Yellow zinc	
100 x 120/.....	T40	717,50	50
.....80/.....	T40	876,00	50
160/80	T40	1.049,00	50
180/80	T40	1.329,50	50
200/80	T40	1.683,00	50
220/80	T40	1.826,50	50
.....80/.....	T40	2.263,00	50
260/80	T40	2.633,50	50
280/80	T40	2.865,00	50
.....80/.....	T40	3.011,00	25
.....80/.....	T40	3.186,50	25
.....80/.....	T40	3.470,50	25
.....80/.....	T40	3.673,50	25
.....80/.....	T40	3.932,00	25
.....80/.....	T40	4.142,00	25



Diametri	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		



Viti di nuova concezione prevalentemente impiegate nelle carpenterie in legno, nella produzione di arredi montani, gazebo, coperture e strutture di grandi dimensioni. Particolarmente adatte su strutture sottoposte a forti sollecitazioni in quanto, con la testa maggiorata, riesce a distribuire il carico su una maggiore superficie alle normali cave PH o PH senza dover esercitare una elevata pressione. Grazie alla speciale punta "type 17" la penetrazione è più facile e veloce anche nei legni più duri. Utilizzabili con inserti (vedi pag. 22).

Newly designed screws mostly used in wooden carpentry, in the manufacture of mountain furniture, gazebos, covers and large structures. Particularly suitable for structures subjected to strong stresses as it manages to distribute the load over a larger surface with the extra-large head. The TX-drive enables a much higher torque compared with the normal PH or PH recess, without having to exert more pressure. Thanks to the special "type 17" point, the penetration is easier and quicker also into the hardest woods. Usable with inserts (see page 22).

VITI TRUCIOLARI TSP TX AUTOPERFORANTI SUPER SVASANTI
TX FLAT HEAD CHIPBOARD SCREWS WITH SERRATION AND DRILLING POINT "TYPE 17"



**CON ALETTE
WITH RIBS**



Università degli Studi di Trento
Dipartimento di Ingegneria
Meccanica e Strutturale

Trento University
Department of Mechanical and
Structural Engineering






Viti di nuova concezione prevalentemente impiegate nelle carpenterie in legno, nella produzione di arredi, montani, gazebo, coperture e strutture decisamente superiori alle normali cave PZ o PH senza dover esercitare una elevata pressione. Grazie alla speciale punta "type 17" la penetrazione è più facile e veloce anche nei legni più duri. Utilizzabili con rondelle per viti ed inserti (vedi pag. 21 e 22).

Newly-designed screws mostly used in wooden carpentry, in the manufacture of mountain furniture, gazebos, covers and large structures. The TX-drive form enables a much higher torque compared with the normal PZ or PH recess, without having to exert more pressure. Thanks to the special "type 17" point, the penetration is easier and quicker also into the hardest woods. Usable with washers for screws and inserts (see page 21 and 22).

- Acciaio temperato: C10B21

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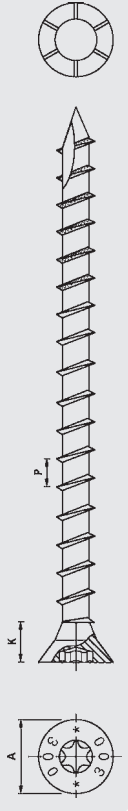
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FINITURA/.....			IMBALLO/.....		
MISURE SIZES	TX	 Zincate giallo Yellow zinc			
•••••18/.....	T20	2350	6000 (12)	500	●
•••••19/.....	T20	2600	4000 (8)	500	
•••••20/.....	T20	3300	4000 (8)	500	
•••••21/.....	T20	4250	2400 (12)	200	
•••••22/.....	T20	4500	2400 (12)	200	
•••••23/.....	T20	5550	2400 (12)	200	
•••••24/.....	T20	7900	2400 (12)	200	
•••••25/.....	T25	3800	2400 (12)	200	
•••••26/.....	T25	4600	2400 (12)	200	
•••••27/.....	T25	5100	2400 (12)	200	
•••••28/.....	T25	6250	2400 (12)	200	●
•••••29/.....	T25	8250	1600 (8)	200	
•••••30/.....	T25	9400	1600 (8)	200	
•••••31/.....	T25	4500	2400 (12)	200	
•••••32/.....	T25	5300	2400 (12)	200	
•••••33/.....	T25	5800	2400 (12)	200	
•••••34/.....	T25	7400	1600 (8)	200	
•••••35/.....	T25	8650	1600 (8)	200	
•••••36/.....	T25	10000	1600 (8)	200	
•••••37/.....	T25	13150	1200 (12)	100	
•••••38/.....	T25	14600	1200 (12)	100	●
•••••39/.....	T25	26950	600 (6)	100	
•••••40/.....	T30	11550	1200 (6)	200	
•••••41/.....	T30	13900	1200 (6)	200	
•••••42/.....	T30	17200	1200 (12)	100	
•••••43/.....	T30	18500	800 (8)	100	
•••••44/.....	T30	23100	600 (6)	100	
•••••45/.....	T30	31900	600 (6)	100	
•••••46/.....	T30	41000	600 (6)	100	
•••••47/.....	T30	51000	600 (6)	100	
•••••48/.....	T30	80900	400 (4)	100	●
•••••49/.....	T30	104400	400 (4)	100	
•••••50/.....	T30	105600	600 (6)	100	
•••••51/.....	T30	113950	600 (6)	100	
•••••52/.....	T30	121000	400 (4)	100	
•••••53/.....	T30	136150	400 (4)	100	
•••••54/.....	T30	150300	400 (4)	100	
•••••55/.....	T30	1880000	75 (3)	25	
•••••56/.....	T50	1880000	75 (3)	25	

VITI TRUCIOLARI TSP TX TUTTO FILETTO AUTOPERFORANTI SUPER SVASANTI

TX FLAT HEAD FULL THREAD CHIPBOARD SCREWS WITH SERR "TYPE 17"

- Acciaio temperato: C10B21
TUTTO FILETTO



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



FINITURA	TX	IMBALLO
MISURE SIZES		
60 x 80	T30	200
100	T30	2400 (12)
120	T30	2700 (14)
160	T30	3600 (12)
180	T30	4500 (12)
200	T30	5580 (12)
220	T30	7200 (12)
260	T30	9000 (6)
280	T30	11000 (6)
80 x 160	T40	100
180	T40	2250 (7)
200	T40	2700 (6)
220	T40	10800 (6)
260	T40	12780 (6)
280	T40	14940 (5)
320	T40	500 (5)
360	T40	500 (5)
400	T40	500 (5)
440	T40	2000 (4)
480	T40	400 (4)
520	T40	2250 (4)
560	T40	400 (4)
600	T40	2520 (4)
640	T40	3250 (4)
680	T40	4060 (4)
720	T40	5550 (3)
760	T40	150 (3)
800	T40	8400 (3)



legno utilizzata in applicazioni speciali. Viti di nuova concezione prevalentemente impiegate nelle carpenterie in legno, nella produzione di arredi montanti, gazebo, tramettere una coppia decisamente superiore alle normali cave PZ o PH senza dover esercitare una elevata pressione. Grazie alla speciale punta "type 17" la penetrazione è più facile e veloce anche nei legni più duri. Utilizzabili con rondelle per viti ed inserti (vedi pag. 21 e 22).

FULL THREAD FASTENER: A fully threaded screw for fastenings in wood used in special applications. Newly-designed screws mostly used in wooden carpentry in the manufacture of mountain furniture, gazebos, covers and large structures. The TX-drive form enables a much higher torque compared with the normal PZ or PH recess, without having to exert more pressure. Thanks to the special "type 17" point, the penetration is easier and quicker also into the hardest woods. Usable with washers for screws and inserts (see page 21 and 22).

TMT TX
CODICE CODE 67552

- Carbon steel: C10B21
- Case hardness: HV 400 min.
- Core hardness: HV 300-390
- Threaded section: as per listing
(Ex. 8,0x165)



NEW
PRODUCT

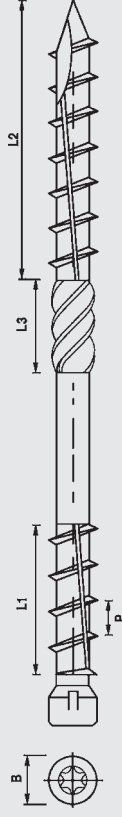
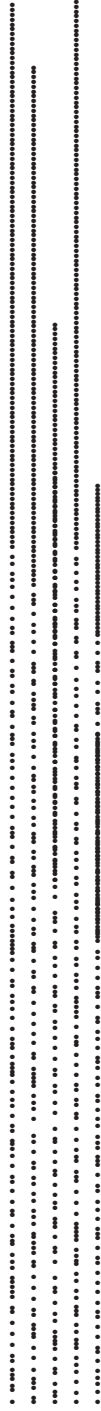
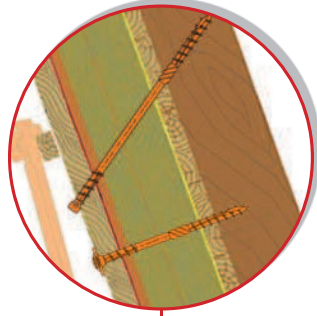


RoHS
Compliance


Direttiva RoHS vedi pag. 4
Directive "RoHS" see page 4

Prezzi per 1.000 pz | Euro prices / 1.000 pcs

VITI PER ISOLAMENTO TC TX DOPPIO FILETTO AUTOPERFORANTI SUPER SVASANTI
INSULATION SCREWS DOUBLE THREAD TX CYLINDER HEAD WITH SERR "TYPE 17"

[illegible]

Double threaded screws that are uniquely versatile and suitable for securing the insulation package in wood roofs; its double threading enables the counter battens to be securely fastened to the rafters and solves the problem of excessive pressure being exerted by the weight of the material above such as battens, counter battens, canes, curved tiles, roof tiles and snow. The threading under the screw head enhances withdrawal force, even in the event of pressure being exerted by the wind. Usable with inserts ●●●●●.

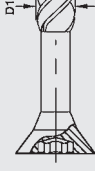
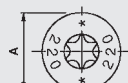
FINITURA/FINISHING	IMBALLO/PACKAGING
MISURE SIZES	 Zincate CR3 Blue zinc CR3 5µm
TX	 
80 x 165/60/80	
***69M00	
225/60/100	
***69M00	
255/60/100	
215/60/100	
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VITI TRUCIOLARI TSP TX SUPER SVASANTI 2 PRINCIPI TX FLAT' HEAD CHIPBOARD SCREWS WITH TWIN AND SAW THREAD







Per diam. 4.5 • 5.0 + 6.0 (length 70 a length 200)	
- Acciaio temperato: C1022	
For diam. 4.5 • 5.0 + 6.0 (length 70 to length 200)	
- Carbon steel: C1022	
Gross-hardness: HV 450-750	
Gross-hardness: HV 280-450	
For diam. 6x (length 250 to length 500) + 6x • 9 Ø	
- Carbon steel: C10B21	
Gross-hardness: HV 400-520	
Gross-hardness: HV 300-420	
Gross-hardness: HV 300-420	
Threading section: 32 threads per listing	
(Es. 4.5x50/30 = thread 30)	

```
For diam. 4.5 + 5.0 + 6.0 (length 70 to length 200)
- Carbon steel:      G1022
                     HW 450-50
                     Case-hardness...HW 450-750
                     Core-hardness...HW 280-450
For diam. 6.0 (length 220 to length 800) + 6.0 + 4.0
- Carbon steel:      G10B21
                     HW 460-520
                     Case-hardness...HW 460-520
                     Core-hardness...HW 300-420
• Threaded section (Ex l. 4x50 / 30 = thread 30)
.....
```



Sizes available without saw thread until stocks last



FINTURA/FINISHING			IMBALLO/PACKAGING		
MISURE SIZES	TX	 Zincate giallo Yellow zinc			
4,5 x 50/30	T25	46,50	2,400 (2)	200	
60/30	T25	57,00	2,400 (2)	200	
70/42	T25	75,00	1,600 (8)	200	
•••••	T25	86,00	1,600 (8)	200	
90/42	T25	138,50	1,600 (8)	200	
100/60	T25	173,00	1,200 (6)	200	
5,0 x 60/30	T25	67,50	1,600 (8)	200	
70/42	T25	79,00	1,600 (8)	200	
•••••	T25	91,00	1,600 (8)	200	
90/42	T25	118,00	1,200 (2)	100	
100/60	T25	132,50	1,200 (2)	100	
110/60	T25	190,00	600 (6)	100	
120/60	T25	245,00	600 (6)	100	
6,0 x 70/42	T30	106,50	1,200 (6)	200	
•••••	T30	124,50	1,200 (6)	200	
90/42	T30	144,50	1,200 (2)	100	
100/60	T30	165,50	800 (8)	100	
110/60	T30	192,00	600 (6)	100	
120/60	T30	213,00	600 (6)	100	
130/75	T30	260,00	600 (6)	100	
140/75	T30	303,00	400 (4)	100	
150/75	T30	348,50	400 (4)	100	
160/75	T30	485,50	400 (4)	100	
•••••	T30	770,00	400 (4)	100	
200/75	T30	995,00	400 (4)	100	
220/75	T30	1,025,00	600 (6)	100	
240/75	T30	1,090,00	600 (6)	100	
260/75	T30	1,133,00	400 (4)	100	
•••••	T30	1,263,50	400 (4)	100	
300/75	T30	1,388,00	400 (4)	100	
FINTURA/FINISHING			IMBALLO/PACKAGING		
MISURE SIZES	TX	 Zincate giallo Yellow zinc			
•••••	T40	232,50	1,400 (4)	100	
100/52	T40	275,00	1,400 (4)	100	
120/•••	T40	365,50	1,200 (2)	100	
140/•••	T40	435,00	1,000 (2)	100	
160/•••	T40	565,00	700 (7)	100	
•••••	T40	716,00	600 (6)	100	
200/•••	T40	850,00	600 (6)	100	
220/•••	T40	1,073,00	500 (5)	100	
240/•••	T40	1,348,50	500 (5)	100	
260/•••	T40	1,679,00	400 (4)	100	
•••••	T40	1,772,50	400 (4)	100	
300/•••	T40	1,867,50	400 (4)	100	
320/•••	T40	1,962,00	200 (4)	50	
340/•••	T40	2,056,00	200 (4)	50	
360/•••	T40	2,168,50	200 (4)	50	
•••••	T40	2,263,00	200 (4)	50	
400/•••	T40	2,338,50	200 (4)	50	
•••••	T40	371,00	700 (4)	50	
100/50	T40	446,00	700 (4)	50	
120/•••	T40	548,50	600 (2)	50	
140/•••	T40	665,00	600 (2)	50	
160/•••	T40	829,50	500 (2)	50	
•••••	T40	1,053,00	300 (6)	50	
200/•••	T40	1,332,00	300 (6)	50	
220/•••	T40	1,446,50	300 (6)	50	
240/•••	T40	1,792,00	300 (6)	50	
260/•••	T40	2,085,50	200 (4)	50	
•••••	T40	2,268,50	200 (4)	50	
300/•••	T40	2,384,00	200 (4)	50	
320/•••	T40	2,523,50	200 (4)	50	
340/•••	T40	2,748,00	200 (4)	50	
360/•••	T40	2,908,50	200 (4)	50	
•••••	T40	3,114,50	200 (4)	50	
400/•••	T40	3,280,00	200 (4)	50	

DUE PRINCIPI TWIN THREAD

DENTELLATURA
SAW THREAD

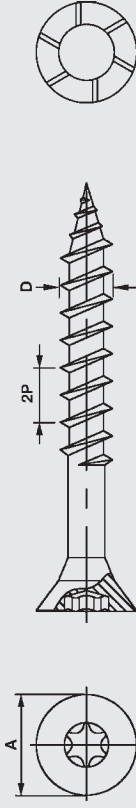
**CON ALETTE
WITH RIBS**



Viti di nuova concezione prevalentemente impiegate nelle carpenterie in legno, nella produzione di arredi montani, gazebo, coperture e strutture di grandi dimensioni. L'impronta a cava TX consente di trasmettere una coppia decisamente superiore alle normali cave PZ o PH senza dover esercitare una elevata pressione. Utilizzabili con rondelle per viti ed inserti (vedi pag. 21 e 22).

Newly-designed screws mostly used in wooden carpentry, in the manufacture of mountain furniture, gazebos, covers and large structures. The TX-drive form enables a much higher torque compared with the normal PZ or PH recess, without having to exert more pressure. Usable with washers for screws and inserts (see page 21 and 22).

VITI TRUCIOLARI TSP TX 2 PRINCIPI TX FLAT HEAD CHIPBOARD SCREWS WITH TX WIN T-HEAD



**CON ALETTE
WITH RIBS**



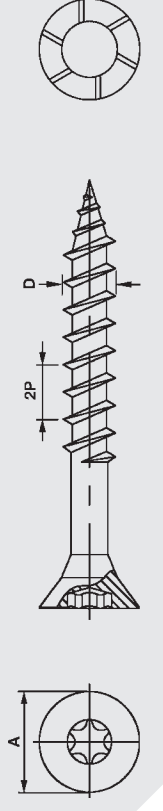
Universal screws suitable for various uses on natural woods, chipboard panels, plywood, plastics, plugs and thin plating. Suitable for the assembly of large size parts used in wooden carpentry, gazebos, covers and mountain furniture. The TX-drive form enables a much higher torque compared with the normal PZ or PH recess, without having to exert more pressure. Usable with washers for screws and inserts (see page 21 and 22).

FINITURA / FINISHING				IMBALLO / PACKAGING			
MISURE SIZES	TX	Zincate CR3 Blue zinc CR3	Zincate giallo Yellow zinc	Bronzate Bronze pl.			
• • • • •	T10	930	930	1030	24000 (24)	4000 (4)	40000 (4)
• • •	T10	1005	1005	1145	24000 (24)	4000 (4)	30000
20		1170	1170	1325	12000 (12)	4000 (4)	25000
• • • • •	T10	1325	1325	1505	6000 (12)	2000 (4)	25000
• • 10 •	T10	1400	1400	1605	6000 (12)	2000 (4)	20000
• • • • •	T10	1605	1605	1820	6000 (12)	2000 (4)	12500
• • • • •	T10	2160	2160	2435	6000 (12)	2000 (4)	12500
• • • • •	T15	1180	1180	1325	12000 (12)	4000 (4)	25000
20		1290	1290	1460	12000 (12)	4000 (4)	20000
• • •	T15	1400	1400	1580	6000 (12)	2000 (4)	20000
• • 10 •	T15	1545	1545	1740	6000 (12)	2000 (4)	12500
• • • • •	T15	1740	1740	1980	6000 (12)	2000 (4)	10000
• • • • •	T15	2160	2160	2435	4000 (8)	2000 (4)	10000
• • • • •	T15	3460	3460	3890	2400 (12)	800 (4)	200
• • • • •	T15	3675	3675	4145	2400 (12)	800 (4)	200
• • • • •	T20	1400	1400	1580	12000 (24)	2000 (4)	20000
20		1515	1515	1710	6000 (12)	2000 (4)	16000
• • •	T20	1740	1740	1980	6000 (12)	2000 (4)	12000
• • 10 •	T20	1945	1945	2205	6000 (12)	2000 (4)	10000
• • • • •	T20	2120	2120	2455	4000 (8)	2000 (4)	10000
• • • • •	T20	2710	2710	3060	4000 (8)	2000 (4)	8000
• • • • •	T20	3480	3480	3890	2400 (12)	800 (4)	6000
• • • • •	T20	3675	3675	4145	2400 (12)	800 (4)	5000
• • • • •	T20	4525	4525	5390	2400 (12)	800 (4)	4000
• • • • •	T20	6470	6470	7270	2400 (12)	800 (4)	3000



VITI TRUCIOLARI TSP TX 2 PRINCIPI TX FLAT HEAD CHIPBOARD SCREWS WITH TWIN THREAD

FINITURA / FINISHING		IMBALLO / PACKAGING			
MISURE SIZES	TX	Zincato CR3 Blue zinc CR3	Zincato giallo Yellow zinc	Bronzato Bronze pl.	
.....	T25	24,35	24,35	27,55	6000 (2)
.....	T25	26,20	26,20	29,60	2400 (2)
.....	T25	31,25	31,25	35,35	2400 (2)
.....	T25	37,50	37,50	42,15	2400 (2)
.....	T25	40,00	40,00	45,15	2400 (2)
.....	T25	48,30	48,30	54,35	2400 (2)
.....	T25	64,70	64,70	73,35	1600 (8)
.....	T25	72,60	72,60	82,15	1600 (8)
.....	T25	29,10	29,10	32,75	2400 (2)
.....	T25	33,20	33,20	37,25	2400 (2)
.....	T25	38,25	38,25	43,25	2400 (2)
.....	T25	44,75	44,75	50,35	2400 (2)
.....	T25	47,00	47,00	53,15	2400 (2)
.....	T25	54,90	54,90	61,80	2400 (2)
.....	T25	55,75	55,75	62,55	1600 (8)
.....	T25	64,70	64,70	72,70	1600 (8)
.....	T25	73,05	73,05	84,05	1600 (8)
.....	T25	97,45	97,45	110,65	1200 (2)
.....	T25	107,80	107,80	121,55	1200 (2)
.....	T25	214,10	214,10	275,75	600 (6)
.....	T30	52,90	52,90	59,20	2400 (2)
.....	T30	68,40	68,40	76,30	1600 (8)
.....	T30	80,35	80,35	90,35	1200 (6)
.....	T30	91,85	91,85	102,40	1200 (6)
.....	T30	104,00	104,00	119,05	1200 (6)
.....	T30	116,15	116,15	133,30	1200 (2)
.....	T30	128,55	128,55	147,35	800 (8)
.....	T30	162,90	162,90	208,90	600 (6)
.....	T30	186,20	186,20	237,70	600 (6)
.....	T30	225,75	225,75	281,90	600 (6)
.....	T30	263,75	263,75	342,70	600 (6)
.....	T30	301,70	301,70	370,60	600 (6)
.....	T30	421,85	421,85	494,65	600 (6)
.....	T30	658,60	658,60	792,20	400 (4)
.....	T30	870,60	870,60	1048,60	400 (4)



Diametri Diameters	Limiti Limits	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		

DUE PRINCIPI TWIN THREAD



CON ALETTE WITH RIBS

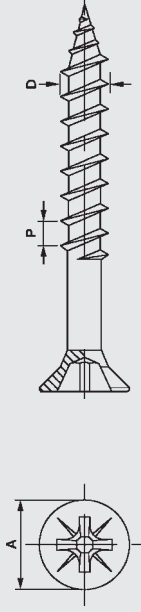


Viti universali che si prestano a svariati utilizzi su legni naturali, pannelli truciolari, compensati, materie plastiche, tasselli e lamiere sottili. Adatte nell'assemblaggio di particolari di grandi dimensioni utilizzati nelle carpenterie in legno, gazebo, coperture, arredi montani. L'impronta a cava TX consente di trasmettere una coppia decisamente superiore alle normali cave PZ o PH senza dover esercitare una elevata pressione. Utilizzabili con rondelle per viti ed inserti (vedi pag. 21 e 22).

Universal screws suitable for various uses on natural woods, chipboard panels, plywood, plastics, plugs and thin plating. Suitable for the assembly of large size parts used in wooden carpentry, gazebos, covers and mountain furniture. The TX-drive form enables a much higher torque compared with the normal PZ or PH recess, without having to exert more pressure. Usable with washers for screws and inserts (see page 21 and 22).

VITI TRUCIOLARI TSP PZ

PZ FLAT HEAD CHIPBOARD SCREWS



Diametri	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		



Viti universali che si prestano a svariati utilizzi su legni naturali, pannelli truciolati, compensati, materie plastiche, tasselli e lamiere sottili.

Universal screws suitable for various uses on natural woods, chipboard, particle board, plastic materials, plugs and thin platings.

- Acciaio temperato: C1022

FINITURA/.....

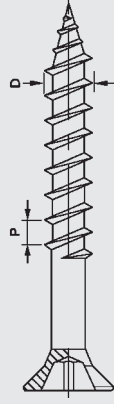
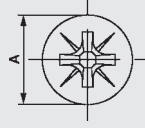
IMBALLO/.....

MISURE SIZES	Greze Plain	Blue zinc CR3 Zincate CR3	Zincate gialle Yellow zinc	Bronzate Bronze pl.	Nichelate Nickel pl.	Zincate nere Black zinc	Otonate Brass pl.				
.....	8,30	8,55	8,55	8,80	8,80	9,05	10,90	24,000 (24)	4,000 (4)	1,000	70,000
12	8,30	8,55	8,55	8,80	8,80	9,05	10,90	24,000 (24)	4,000 (4)	1,000	60,000
16	9,20	9,55	9,55	9,65	9,65	10,05	11,85	24,000 (24)	4,000 (4)	1,000	50,000
18	9,75	10,10	10,10	10,40	10,40	11,05	13,40	24,000 (24)	4,000 (4)	1,000	40,000
20	10,40	10,80	10,80	11,30	11,30	11,90	14,10	24,000 (24)	4,000 (4)	1,000	40,000
.....	11,80	12,45	12,45	13,05	13,05	13,95	16,40	12,000 (12)	4,000 (4)	1,000	30,000
.....	15,05	16,55	16,55	17,30	17,30	17,85	21,65	12,000 (12)	4,000 (4)	1,000	25,000
.....	7,90	8,15	8,15	8,30	8,30	8,80	10,75	24,000 (24)	4,000 (4)	1,000	50,000
12	7,90	8,15	8,15	8,30	8,30	8,80	10,90	24,000 (24)	4,000 (4)	1,000	40,000
16	8,65	8,80	8,80	9,30	9,30	9,95	12,05	24,000 (24)	4,000 (4)	1,000	30,000
18	9,30	9,65	9,65	10,05	10,05	10,50	13,10	12,000 (12)	4,000 (4)	1,000	25,000
20	10,05	10,30	10,30	10,80	10,80	11,45	13,95	12,000 (12)	4,000 (4)	1,000	25,000
22	10,80	11,30	11,30	11,80	11,80	-	-	6,000 (12)	2,000 (4)	500	25,000
.....	11,15	11,80	11,80	12,30	12,30	13,05	16,20	6,000 (12)	2,000 (4)	500	25,000
.....	11,80	12,45	12,45	13,05	13,05	13,95	17,25	6,000 (12)	2,000 (4)	500	20,000
.....	13,40	14,20	14,20	14,95	14,95	15,80	19,55	6,000 (12)	2,000 (4)	500	12,500
.....	17,85	19,15	19,15	19,90	19,90	20,95	25,30	6,000 (12)	2,000 (4)	500	12,500
.....	29,50	32,35	32,35	33,85	33,85	34,80	-	4,000 (8)	2,000 (4)	500	10,000
.....	32,35	35,60	35,60	37,25	37,25	38,25	-	4,000 (8)	2,000 (4)	500	8,000
.....	9,65	10,30	10,30	10,85	10,85	11,70	14,10	24,000 (24)	4,000 (4)	1,000	40,000
12	9,05	9,65	9,65	9,75	9,75	10,40	12,75	24,000 (24)	4,000 (4)	1,000	30,000
.....	9,65	10,30	10,30	-	-	-	-	12,000 (12)	4,000 (4)	1,000	25,000
.....	9,75	10,40	10,40	10,80	10,80	11,45	-	12,000 (12)	4,000 (4)	1,000	25,000
16	9,75	10,40	10,40	10,80	10,80	11,45	13,95	12,000 (12)	4,000 (4)	1,000	25,000
18	10,30	10,85	10,85	11,45	11,45	12,20	14,70	12,000 (12)	4,000 (4)	1,000	25,000
20	10,80	11,45	11,45	11,90	11,90	12,65	15,85	12,000 (12)	4,000 (4)	1,000	20,000
.....	12,20	12,95	12,95	13,45	13,45	14,25	17,25	6,000 (12)	2,000 (4)	500	20,000
.....	13,10	14,10	14,10	14,80	14,80	15,70	19,40	6,000 (12)	2,000 (4)	500	12,500
.....	14,80	16,25	16,25	16,90	16,90	17,85	22,05	6,000 (12)	2,000 (4)	500	10,000
.....	17,85	19,15	19,15	19,90	19,90	21,20	26,90	4,000 (8)	2,000 (4)	500	10,000
.....	28,90	30,70	30,70	31,85	31,85	33,70	44,20	2,400 (12)	800 (4)	200	8,000
.....	30,60	32,75	32,75	33,95	33,95	35,95	46,75	2,400 (12)	800 (4)	200	6,000
60/.....	49,50	54,55	54,55	56,90	56,90	58,55	-	2,400 (12)	800 (4)	200	5,000



VITI TRUCIOLARI TSP PZ

PZ FLAT HEAD CHIPBOARD SCREWS



IMBALLO/-/.....

FINITURA/-/.....

MISURE SIZES	Grezzo Plain	Zincate CR3 Blue zinc CR3	Zincate gialle Yellow zinc	Bronzate Bronze pl.	Nichelate Nickel pl.	Zincate nere Black zinc	Otonate Brass pl.		
.....	11,75	11,75	11,75	12,30	12,30	12,95	15,75	12.000 (24)	2.000 (4)
.....	12,05	12,83	12,83	-	-	-	-	12.000 (24)	2.000 (4)
16	12,20	12,95	12,95	13,45	13,45	14,25	17,25	12.000 (24)	2.000 (4)
18	12,40	13,35	13,35	13,90	13,90	14,65	18,10	12.000 (24)	2.000 (4)
20	12,45	13,40	13,40	13,95	13,95	14,70	18,80	6.000 (12)	2.000 (4)
.....	14,40	15,55	15,55	16,20	16,20	17,15	21,90	6.000 (12)	2.000 (4)
.....	15,80	17,15	17,15	17,95	17,95	19,05	24,55	6.000 (12)	2.000 (4)
.....	17,85	19,45	19,45	21,20	21,20	22,60	27,65	4.000 (8)	2.000 (4)
.....	22,20	24,10	24,10	24,95	24,95	26,45	33,70	4.000 (8)	2.000 (4)
.....	28,75	30,80	30,80	31,85	31,85	33,70	45,25	2.400 (12)	800 (4)
.....	30,60	32,75	32,75	33,95	33,95	35,95	48,05	2.400 (12)	800 (4)
.....	34,35	36,50	36,50	39,05	39,05	41,40	53,80	2.400 (12)	800 (4)
60/...*	37,85	40,20	40,20	44,10	44,10	46,75	59,80	2.400 (12)	800 (4)
70/...*	52,00	57,50	57,50	59,65	59,65	63,20	81,20	2.400 (12)	800 (4)
80/...*	75,85	83,50	83,50	87,20	87,20	89,45	-	2.400 (12)	800 (4)

.....	16,05	16,05	16,65	16,65	16,65	17,70	22,05	6.000 (12)	2.000 (4)	500	15.000
18	15,30	16,45	16,45	17,10	17,10	18,15	22,20	6.000 (12)	2.000 (4)	500	12.500
20	15,55	16,70	16,70	17,40	17,40	18,45	23,35	6.000 (12)	2.000 (4)	500	12.500
.....	17,80	19,50	19,50	20,30	20,30	21,45	26,00	6.000 (12)	2.000 (4)	500	12.000
.....	20,65	22,55	22,55	23,55	23,55	25,00	30,70	6.000 (12)	2.000 (4)	500	10.000
.....	21,20	23,20	23,20	25,95	25,95	27,55	33,70	2.400 (12)	800 (4)	200	8.000
.....	25,30	27,55	27,55	28,90	28,90	30,70	40,00	2.400 (12)	800 (4)	200	6.000
.....	30,70	33,20	33,20	34,50	34,50	36,60	49,65	2.400 (12)	800 (4)	200	5.000
.....	32,75	35,45	35,45	36,95	36,95	39,05	57,15	2.400 (12)	800 (4)	200	5.000
.....	36,10	39,25	39,25	40,85	40,85	43,25	58,65	2.400 (12)	800 (4)	200	4.000
60	39,35	42,90	42,90	44,55	44,55	47,25	64,35	2.400 (12)	800 (4)	200	4.000
.....	45,75	50,15	50,15	52,15	52,15	55,30	-	1.600 (8)	800 (4)	200	3.000
70/60*	52,00	57,50	57,50	59,65	59,65	63,20	86,40	1.600 (8)	800 (4)	200	3.000
80/60*	58,65	64,95	64,95	68,95	68,95	73,05	97,55	1.600 (8)	800 (4)	200	2.000
100/60*	115,90	127,45	127,45	133,30	133,30	136,85	-	1.200 (6)	400 (2)	200	1.000



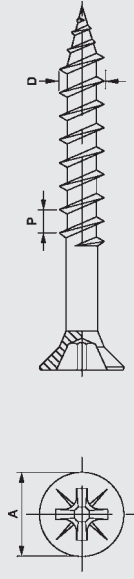
Viti universali che si prestano a svariati utilizzi su legni naturali, pannelli truciolati, compensati, materie plastiche, tasselli e lamiere sottili.

Universal screws suitable for various uses on natural woods, chipboard, particle board, plastic materials, plugs and thin platings.



* Full thread sizes available, see code 05352 (page 49)

VITI TRUCIOLARI TSP PZ
PZ FLAT HEAD CHIPBOARD SCREWS



Diametri	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		



Viti universali che si prestano a svariati utilizzi su legni naturali, pannelli truciolati, compensati, materie plastiche, tasselli e lamiere sottili.

Universal screws suitable for various uses on natural woods, chipboard, particle board, plastic materials, plugs and thin platings.

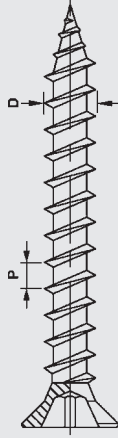
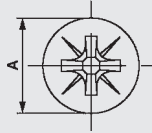
FINITURA/.....										IMBALLO/.....			
MISURE SIZES	Grezza Plain	Zincate CR3 Blue zinc CR3	Zincate gialle Yellow zinc	Bronzate Bronze pl.	Nichelate Nickel pl.	Zincate nere Black zinc	Ottionate Brass pl.						
.....	.....23,80	26,20	26,20	27,45	27,45	28,10	-	6.000 (12)	2.000 (4)	2.000 (4)	500	
20	19,10	20,95	20,95	21,85	21,85	23,15	28,25	6.000 (12)	2.000 (4)	2.000 (4)	500		
.....	.....21,45	23,90	23,90	24,60	24,60	26,05	31,80	6.000 (12)	2.000 (4)	2.000 (4)	500	
.....	.....24,20	26,90	26,90	29,80	29,80	31,65	36,45	2.400 (12)	800 (4)	800 (4)	200	
.....	.....26,35	29,50	29,50	31,60	31,60	33,50	41,15	2.400 (12)	800 (4)	800 (4)	200	
.....	.....30,70	33,95	33,95	35,45	35,45	37,60	49,95	2.400 (12)	800 (4)	800 (4)	200	
.....	.....35,95	39,75	39,75	41,25	41,25	43,65	60,50	2.400 (12)	800 (4)	800 (4)	200	
.....	.....37,85	41,85	41,85	43,50	43,50	46,15	63,95	2.400 (12)	800 (4)	800 (4)	200	
.....	.....43,50	48,00	48,00	49,90	49,90	52,75	72,45	2.400 (12)	800 (4)	800 (4)	200	
60	44,75	49,50	49,50	54,70	54,70	58,00	76,10	1.600 (8)	800 (4)	800 (4)	200		
.....	.....50,65	55,75	55,75	63,65	63,65	67,55	-	1.600 (8)	800 (4)	800 (4)	200	
70/60	52,00	57,50	57,50	63,65	63,65	67,55	94,20	1.600 (8)	800 (4)	800 (4)	200		
.....	.....56,65	62,45	62,45	70,95	70,95	75,20	-	1.600 (8)	800 (4)	800 (4)	200	
80/60*	58,65	64,95	64,95	73,50	73,50	78,00	104,90	1.600 (8)	800 (4)	800 (4)	200		
.....	.....69,30	75,40	75,40	-	-	-	-	1.600 (8)	800 (4)	800 (4)	200	
.....	.....69,55	75,70	75,70	-	-	-	-	1.600 (8)	800 (4)	800 (4)	200	
.....	.....80,35	86,60	86,60	90,75	90,75	96,15	141,45	1.200 (12)	400 (4)	400 (4)	100	
100/60*	88,35	95,25	95,25	99,60	99,60	105,65	155,90	1.200 (12)	400 (4)	400 (4)	100		
110/60	156,00	171,65	171,65	179,40	179,40	184,15	-	600 (6)	200 (2)	200 (2)	100		
120/60	174,65	188,30	188,30	245,30	245,30	260,10	382,65	600 (6)	200 (2)	200 (2)	100		
60 x 20	43,85	47,65	47,65	50,75	50,75	53,90	-	2.400 (12)	800 (4)	800 (4)	200		
.....	.....41,40	45,15	45,15	48,30	48,30	51,40	-	2.400 (12)	800 (4)	800 (4)	200	
.....	.....37,85	42,35	42,35	45,75	45,75	48,45	59,20	2.400 (12)	800 (4)	800 (4)	200	
.....	.....40,20	44,50	44,50	47,55	47,55	50,35	63,20	2.400 (12)	800 (4)	800 (4)	200	
.....	.....41,60	47,00	47,00	50,65	50,65	53,60	66,40	2.400 (12)	800 (4)	800 (4)	200	
.....	.....48,85	52,90	52,90	57,10	57,10	60,65	84,35	1.600 (8)	800 (4)	800 (4)	200	
.....	.....54,15	60,80	60,80	63,65	63,65	67,55	92,85	1.600 (8)	800 (4)	800 (4)	200	
60	63,65	72,05	72,05	78,45	78,45	83,10	109,05	1.200 (6)	400 (2)	400 (2)	200		
70/60	72,40	84,45	84,45	96,90	96,90	102,65	132,60	1.200 (6)	400 (2)	400 (2)	200		
80/60	81,80	98,00	98,00	104,50	104,50	110,75	139,30	1.200 (6)	400 (2)	400 (2)	200		
.....	.....91,50	106,15	106,15	116,80	116,80	123,80	174,65	1.200 (12)	400 (4)	400 (4)	100	
100/60*	101,10	114,15	114,15	129,40	129,40	137,10	192,85	800 (8)	400 (4)	400 (4)	100		
110/60	128,10	144,75	144,75	171,40	171,40	181,70	230,05	600 (6)	200 (2)	200 (2)	100		
120/60*	146,35	165,50	165,50	193,70	193,70	205,35	259,60	600 (6)	200 (2)	200 (2)	100		
.....	.....179,80	200,60	200,60	231,25	231,25	245,20	-	600 (6)	200 (2)	200 (2)	100	
.....	.....213,85	234,40	234,40	269,40	269,40	285,55	-	600 (6)	200 (2)	200 (2)	100	
.....	.....244,65	268,00	268,00	303,95	303,95	322,25	-	600 (6)	200 (2)	200 (2)	100	
160/60	342,40	375,00	375,00	405,70	405,70	430,10	-	600 (6)	200 (2)	200 (2)	100		
180/60	539,85	591,45	591,45	650,60	650,60	689,60	-	400 (4)	200 (2)	200 (2)	100		
200/60	750,60	823,20	823,20	906,90	906,90	961,45	-	400 (4)	200 (2)	200 (2)	100		

* Misure disponibili
O5352 (pag. 49)
• Full thread sizes
available, see code
O5352 (page 49)

VITI TRUCIOLARI TSP PZ TUTTO FILETTO

PZ FLAT HEAD FULL THREAD CHIPBOARD SCREWS

- Acciaio temperato: C1022 o 10B21 - Carbon steel: C1022 or 10B21
- Acciaio temprato: C1022 o 10B21 - Carbon steel: C1022 or 10B21
- Acciaio temprato: C1022 o 10B21 - Carbon steel: C1022 or 10B21
- Acciaio temprato: C1022 o 10B21 - Carbon steel: C1022 or 10B21



Diametri Diameters	Limiti Limits	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		



TUTTO FILETTO
FULL THREAD

FINITURA/FINISHING		IMBALLO/PACKAGING			
MISURE SIZES	Zincato CR3 Blue zinc CR3	Bronzate Bronze pl.			
70	49,90	53,95	2.400 (12)	800 (4)	200
80	70,20	72,50	2.400 (12)	800 (4)	200
90	95,15	99,20	2.400 (12)	800 (4)	200
100	121,40	125,45	1.600 (8)	800 (4)	200
120	161,70	165,75	1.200 (6)	400 (2)	100
140	201,90	205,95	1.600 (8)	800 (4)	200
160	242,10	246,15	1.200 (6)	400 (2)	100
180	282,30	286,35	800 (4)	400 (4)	100
200	322,50	326,55	600 (6)	200 (2)	100

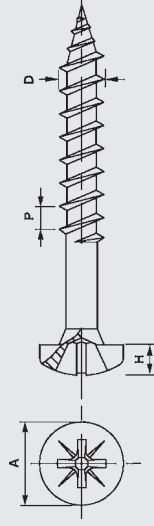
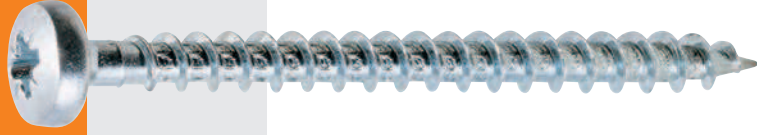


Viti universali che si prestano a svariati utilizzi su legni naturali, pannelli truciolari, compensati, materie plastiche, tasselli e lamiere sottili.

Universal screws suitable for various uses on natural woods, chipboards, particle boards, plastic materials, plugs and thin platings.

CODICE CODE 05062

VITI TRUCIOLARI TC PZ
PZ PAN HEAD CHIPBOARD SCREWS











Diameter Diameters	Unit Limits	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		



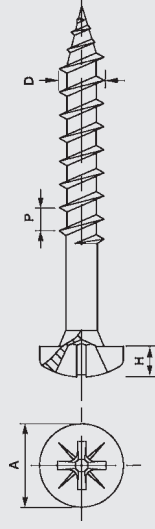
Viti universali che si prestano a svariati utilizzi su legni naturali, pannelli truciolari, compensati, materie plastiche, tasselli e lamiere sottili.

Universal screws suitable for various uses on natural woods, chipboard, particle board, plastic materials, plugs and thin platings.

FINITURA / FINISHING					IMBALLO / PACKAGING			
MISURE SIZES								
	Greze Plain	Zincate CR3 Blue zinc CR3	Zincate giallo Yellow zinc	Bronzate Bronze pl.	Zincate nere Black zinc	F3	F4	F5
.....	930	1025	1025	1045	1145	24.000 (24)	4000 (4)	30.000
12	1005	1025	1025	1065	1175	24.000 (24)	4000 (4)	30.000
...	1095	1135	1135	1175	1295	12.000 (12)	4000 (4)	25.000
18	1160	1215	1215	1255	1385	12.000 (12)	4000 (4)	20.000
20	1240	1310	1310	1355	1490	12.000 (12)	4000 (4)	20.000
...	1395	1465	1465	-	1685	6.000 (12)	2.000 (4)	500
...	1475	1570	1570	-	1795	6.000 (12)	2.000 (4)	500
.....	1135	1185	1185	1240	1375	12.000 (12)	4000 (4)	20.000
...	1230	1310	1310	1375	1505	12.000 (12)	4000 (4)	20.000
18	1295	1375	1375	1435	1580	12.000 (12)	4000 (4)	16.000
20	1355	1435	1435	1505	1650	12.000 (12)	4000 (4)	16.000
...	1455	1570	1570	1625	1795	6.000 (12)	2.000 (4)	14.000
...	1580	1685	1685	1795	1965	6.000 (12)	2.000 (4)	10.000
...	1795	1940	1940	2035	2230	6.000 (12)	2.000 (4)	10.000
...	2240	2400	2400	2490	2740	4.000 (18)	2.000 (4)	8.000
.....	3900	4295	4295	-	-	2.400 (12)	800 (4)	6.000
.....	4140	4545	4545	-	-	2.400 (12)	800 (4)	5.000
.....	1355	1435	1435	-	1615	12.000 (24)	2.000 (4)	15.000
12	1355	1435	1435	1465	1615	12.000 (24)	2.000 (4)	15.000
...	1465	1570	1570	1615	1765	6.000 (12)	2.000 (4)	15.000
17	1515	1625	1625	1675	1845	6.000 (12)	2.000 (4)	12.500
18	1515	1625	1625	1675	1845	6.000 (12)	2.000 (4)	12.500
20	1570	1675	1675	1740	1910	6.000 (12)	2.000 (4)	10.000
...	1800	1955	1955	2035	2230	6.000 (12)	2.000 (4)	10.000
...	1980	2160	2160	2255	2480	4.000 (18)	2.000 (4)	10.000
...	2240	2440	2440	2545	2790	4.000 (18)	2.000 (4)	6250
...	2810	3035	3035	3140	3450	3.000 (6)	1.000 (2)	5000
...	3615	3865	3865	-	4390	2.400 (12)	800 (4)	200
...	3840	4110	4110	-	4680	2.400 (12)	800 (4)	200
.....	4785	5260	5260	-	5640	2.400 (12)	800 (4)	200



VITI TRUCIOLARI TC PZ
PZ PAN HEAD CHIPBOARD SCREWS



Diametri Diameters	Limiti Limits	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		

IMBALLO/PACKAGING

FINITURA/FINISHING

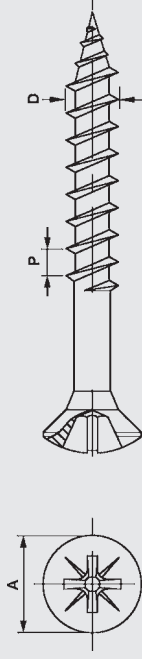
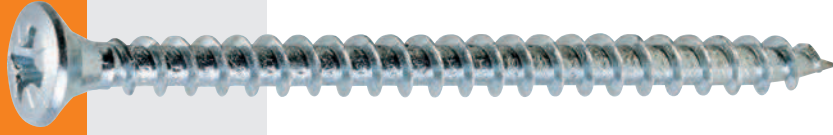
MISURE SIZES	Grezzo Plain	Zincate CR3 Blue zinc CR3	Zincate gialle Yellow zinc	Bronzate Bronze pl.	Zincate nere Black zinc				
• • • • • 18	19,40	24,10	24,10	-	27,70	6000 (2)	2000 (4)	500	10000
• • • • • 18	18,75	23,35	23,35	24,40	26,75	6000 (2)	2000 (4)	500	10000
• • • • • 20	18,75	23,35	23,35	24,40	26,75	6000 (2)	2000 (4)	500	10000
• • • • • 20	18,75	23,35	23,35	24,40	26,75	6000 (2)	2000 (4)	500	8000
• • • • • 21,50	21,50	24,10	24,10	25,45	27,90	6000 (2)	2000 (4)	500	7500
• • • • • 24,80	24,80	27,05	27,05	28,20	31,00	4000 (8)	2000 (4)	500	7000
• • • • • 26,60	26,60	29,10	29,10	30,40	33,50	2400 (2)	800 (4)	200	6000
• • • • • 31,80	31,80	34,65	34,65	36,25	39,90	2400 (2)	800 (4)	200	5000
• • • • • 38,65	38,65	41,80	41,80	43,40	47,65	2400 (2)	800 (4)	200	5000
• • • • • 41,10	41,10	44,70	44,70	46,40	50,95	1600 (8)	800 (4)	200	4000
• • • • • 49,45	49,45	53,75	53,75	-	61,55	1600 (8)	800 (4)	200	3000
• • • • • 25,35	27,70	27,70	27,70	-	31,95	6000 (2)	2000 (4)	500	8000
• • • • • 25,35	27,70	27,70	27,70	-	31,95	6000 (2)	2000 (4)	500	7000
• • • • • 24,55	26,75	26,75	26,75	28,20	31,00	6000 (2)	2000 (4)	500	7000
• • • • • 27,40	30,40	30,40	30,40	31,40	34,50	4000 (8)	2000 (4)	500	6000
• • • • • 30,60	34,00	34,00	34,00	35,45	39,00	2400 (2)	800 (4)	200	5000
• • • • • 33,20	36,95	36,95	36,95	38,40	42,20	2400 (2)	800 (4)	200	5000
• • • • • 38,65	42,70	42,70	44,35	44,35	48,90	2400 (2)	800 (4)	200	4000
• • • • • 45,10	49,80	49,80	51,55	51,55	56,70	1600 (8)	800 (4)	200	3500
• • • • • 47,60	52,50	52,50	54,45	54,45	59,85	1600 (8)	800 (4)	200	3500
• • • • • 56,25	62,25	62,25	64,45	64,45	70,90	1600 (8)	800 (4)	200	2500
• • • • • 67,60	74,85	74,85	78,15	78,15	85,90	1200 (6)	400 (2)	200	2000
• • • • • 74,20	81,60	81,60	85,30	85,30	87,50	1200 (6)	400 (2)	200	1500
• • • • • 100,80	109,40	109,40	-	-	121,55	800 (8)	400 (4)	100	1000
• • • • • 51,50	57,50	57,50	-	-	68,50	2400 (2)	800 (4)	200	5000
• • • • • 50,50	56,50	56,50	-	-	67,00	2400 (2)	800 (4)	200	5000
• • • • • 47,65	53,10	53,10	53,10	-	63,30	2400 (2)	800 (4)	200	4000
• • • • • 47,65	53,10	53,10	53,10	-	63,30	2400 (2)	800 (4)	200	3500
• • • • • 50,45	55,80	55,80	59,55	59,55	65,55	1600 (8)	800 (4)	200	3000
• • • • • 52,20	58,95	58,95	60,85	60,85	66,95	1600 (8)	800 (4)	200	2500
• • • • • 61,45	66,60	66,60	71,05	71,05	78,15	1600 (8)	800 (4)	200	2500
• • • • • 67,85	76,35	76,35	78,40	78,40	86,35	1600 (8)	800 (4)	200	2200
• • • • • 79,80	90,10	90,10	92,80	92,80	102,00	1200 (6)	400 (2)	200	1500
• • • • • 90,65	102,25	102,25	105,20	105,20	115,70	1200 (6)	400 (2)	200	1200
• • • • • 102,80	116,00	116,00	122,55	122,55	134,85	800 (4)	400 (2)	200	1000
• • • • • 114,65	129,65	129,65	129,65	137,05	150,75	800 (8)	400 (4)	100	800
• • • • • 126,70	143,20	143,20	151,65	151,65	166,85	400 (4)	200 (2)	100	800



Viti universali che si prestano a svariati utilizzi su legni naturali, pannelli truciolari, compensati, materie plastiche, tasselli e lamiere sottili.



























Universal screws suitable for various uses on natural woods, chipboard, particle board, plastic materials, plugs and thin platings.

VITI TRUCIOLARI TSC PZ
PZ OVAL HEAD CHIPBOARD SCREWS



Diametri Diameters	Limiti Limits	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		

- Acciaio temperato: C1022
 - Carbon steel: C1022
 Cage hardness: HW 470-720
 Case hardness: HW 320-430
 Core hardness: HW 320-430
 Threaded section: temper listing
 (Ex 3.5x50/40 = thread 40)

FINITURA/FINISHING										IMBALLO/PACKAGING				
MISURE SIZES	Grezzo Plain	Zincate CR3 Blue zinc CR3	Zincate giallo Yellow zinc	Bronzate Bronze pl.	Nichelate Nickel pl.	Zincate nere Black zinc	Ottoneate Brass pl.							
• • • • •	9,25	9,55	9,55	9,90	9,90	10,15	13,50	24 000 (24)	4000 (4)	1000				
12	9,35	9,65	9,65	9,90	9,90	10,15	12,60	24 000 (24)	4000 (4)	1000				
• • •	10,15	10,65	10,65	10,95	10,95	11,60	14,15	24 000 (24)	4000 (4)	1000				
18	10,95	11,45	11,45	11,75	11,75	12,55	-	12 000 (12)	4000 (4)	1000				
20	11,75	12,30	12,30	12,85	12,85	13,45	17,15	12 000 (12)	4000 (4)	1000				
• • • •	13,20	13,85	13,85	14,35	14,35	15,15	18,40	6 000 (12)	2000 (4)	500				
• • •	13,85	14,65	14,65	15,35	15,35	16,25	20,00	6 000 (12)	2000 (4)	500				
• • • • •	10,65	11,35	11,35	11,60	11,60	12,15	14,60	24 000 (24)	4000 (4)	1000				
• • •	11,60	12,30	12,30	12,95	12,95	13,55	16,20	12 000 (12)	4000 (4)	1000				
18	12,15	12,95	12,95	13,30	13,30	14,25	17,15	12 000 (12)	4000 (4)	1000				
20	12,85	13,55	13,55	13,95	13,95	14,90	18,25	12 000 (12)	4000 (4)	1000				
• • •	13,75	14,65	14,65	15,35	15,35	16,25	20,00	6 000 (12)	2000 (4)	500				
• • • •	14,75	15,95	15,95	16,60	16,60	17,55	21,80	6 000 (12)	2000 (4)	500				
• • •	16,75	18,20	18,20	19,00	19,00	20,15	25,15	6 000 (12)	2000 (4)	500				
• • • •	20,95	22,55	22,55	23,45	23,45	24,90	31,00	4 000 (8)	2000 (4)	500				
• • • • •	33,10	35,45	35,45	36,50	36,50	38,75	-	2 400 (12)	800 (4)	200				
• • • • •	35,45	39,00	39,00	40,70	40,70	41,95	-	2 400 (12)	800 (4)	200				
• • • • •	13,75	14,65	14,65	15,15	15,15	16,15	20,05	12 000 (24)	2000 (4)	500				
17	14,25	15,35	15,35	15,80	15,80	16,75	-	12 000 (24)	2000 (4)	500				
18	14,25	15,35	15,35	15,80	15,80	16,75	-	12 000 (24)	2000 (4)	500				
20	14,65	15,80	15,80	16,50	16,50	17,40	21,80	6 000 (12)	2000 (4)	500				
• • •	16,85	18,20	18,20	19,00	19,00	20,15	25,30	6 000 (12)	2000 (4)	500				
• • • •	18,65	20,35	20,35	21,15	21,15	22,40	28,05	6 000 (12)	2000 (4)	500				
• • • •	20,95	22,95	22,95	23,80	23,80	25,35	31,75	4 000 (8)	2000 (4)	500				
• • • •	26,25	28,35	28,35	29,55	29,55	31,20	38,80	4 000 (8)	2000 (4)	500				
• • •	33,90	36,25	36,25	37,60	37,60	39,80	50,95	2 400 (12)	800 (4)	200				
• • • •	36,00	38,65	38,65	39,90	39,90	42,30	54,90	2 400 (12)	800 (4)	200				
• • • • •	44,55	49,05	49,05	-	-	52,60	-	2 400 (12)	800 (4)	200				

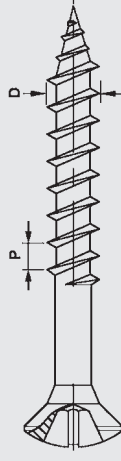
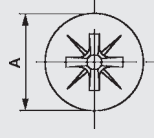


Viti universali che si prestano a svariati utilizzi su legni naturali, pannelli truciolari, compensati, materie plastiche, tasselli e lamiere sottili.

Universal screws suitable for various uses on natural woods, chipboard, particle board, plastic materials, plugs and thin platings.

VITI TRUCIOLARI TSC PZ

PZ OVAL HEAD CHIPBOARD SCREWS



Diametri Diameters	Limiti Limits	A	D	P	PZ
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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		

FINITURA/FINISHING

IMBALLO/PACKAGING

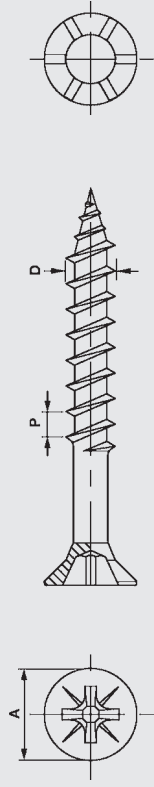
MISURE SIZES	Grezzo Plain	Zincate CR3 Blue zinc CR3	Zincate giallo Yellow zinc	Bronzate Bronze pl.	Nichelate Nickel pl.	Zincate nere Black zinc	Ottionate Brass pl.					
.....	17,40	18,85	18,85	-	-	20,70	-	6.000 (2)	2.000 (4)	500	15.000	
18	17,40	18,85	18,85	-	-	20,70	-	6.000 (2)	2.000 (4)	500	12.500	
20	17,40	18,85	18,85	19,55	19,55	20,70	26,85	6.000 (2)	2.000 (4)	500	12.500	
.....	20,05	21,90	22,95	22,95	22,95	24,25	30,70	6.000 (2)	2.000 (4)	500	12.000	
.....	23,35	25,45	25,45	26,40	26,40	27,90	35,40	6.000 (2)	2.000 (4)	500	10.000	
.....	24,90	27,40	27,40	28,50	28,50	30,20	38,50	2.400 (2)	800 (4)	200	8.000	
.....	29,80	32,40	32,40	34,00	34,00	36,00	45,90	2.400 (2)	800 (4)	200	6.000	
.....	36,15	39,20	39,20	40,60	40,60	42,95	57,95	2.400 (2)	800 (4)	200	5.000	
.....	38,65	41,80	41,80	43,50	43,50	46,15	61,65	2.400 (2)	800 (4)	200	5.000	
.....	46,40	50,45	50,45	52,50	52,50	55,65	73,65	2.400 (2)	800 (4)	200	3.500	
.....	64,05	69,75	69,75	72,50	72,50	76,80	102,00	1.600 (8)	800 (4)	200	3.000	
.....	23,50	23,75	23,75	-	-	26,00	-	6.000 (2)	2.000 (4)	500	10.000	
.....	24,10	26,95	26,95	27,70	27,70	29,45	-	6.000 (2)	2.000 (4)	500	8.000	
.....	27,30	30,35	30,35	31,60	31,60	33,50	42,20	2.400 (2)	800 (4)	200	8.000	
.....	31,15	34,50	34,50	36,00	36,00	38,10	-	2.400 (2)	800 (4)	200	6.000	
.....	36,15	40,10	40,10	41,80	41,80	44,30	54,75	2.400 (2)	800 (4)	200	5.000	
.....	42,20	46,50	46,50	48,40	48,40	51,25	-	2.400 (2)	800 (4)	200	4.000	
.....	44,70	49,30	49,30	50,95	50,95	54,20	72,25	1.600 (8)	800 (4)	200	4.000	
.....	52,75	58,30	58,30	60,35	60,35	64,05	84,35	1.600 (8)	800 (4)	200	3.000	
.....	63,65	70,10	70,10	73,20	73,20	77,60	103,10	1.600 (8)	800 (4)	200	2.000	
.....	71,05	78,15	78,15	81,70	81,70	83,85	-	1.600 (8)	800 (4)	200	2.000	



Viti universali che si prestano a svariati utilizzi su legni naturali, pannelli truciolari, compensati, materie plastiche, tasselli e lamiere sottili.

Universal screws suitable for various uses on natural woods, chipboard, particle board, plastic materials, plugs and thin platings.

VITI TRUCIOLARI TSP PZ FILETTO PARZIALE CON ALETTE AUTOSVANTANTI
PZ FLAT HEAD PARTIAL THREAD CHIPBOARD SCREWS WITH RIBS UNDER HEAD



**CON ALETTE
WITH RIBS**



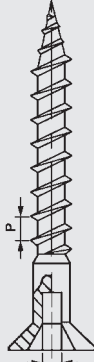
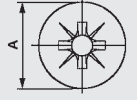
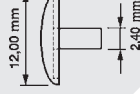
Ambrovit
Bolts & Screws

"...always beside you in your fixing world"

Prezzi per 1.000 pz | Euro prices / 1.000 pcs






TSP PZH0
CODICE CODE 05053

- Carbon steel: C1022
 • Case hardness: • • • HV 560 Min
 • Core hardness: • • • HV 300-420
 • Threaded section: as per listing
 • • • • • (Ex 4, 5x20/16)



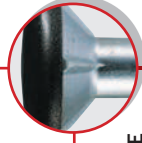
Diametri Diameters	Limiti Limits	A	M1	P	PZ
4,5	Min.	8,64	2,35	-2,00	2
	Max.	9,00	2,45		
5,0	Min.	9,60	2,35	-2,20	2
	Max.	10,00	2,45		



MISURE SIZES						
• • • • • 19	69,10	8,000 (8)	4,000 (4)	1,000		
• • • • • 20	70,80	8,000 (8)	4,000 (4)	1,000		
• • • • • 19	72,40	6,000 (6)	2,000 (2)	1,000		
• • • • • 20	76,75	4,000 (8)	2,000 (4)	500		
• • • • • 21	80,05	4,000 (8)	2,000 (4)	500		
• • • • • 20	86,90	3,000 (6)	1,000 (2)	500		
• • • • • 21	95,45	3,000 (6)	1,000 (2)	500		
• • • • • 22	112,45	2,000 (4)	1,000 (2)	500		
• • • • • 20	170,90	1,600 (8)	800 (4)	200		
• • • • • 21	187,60	1,600 (8)	800 (4)	200		
• • • • • 22	120,70	2,000 (4)	1,000 (2)	500		
• • • • • 23	199,55	1,600 (8)	800 (4)	200		
• • • • • 24	216,30	1,600 (8)	800 (4)	200		



CAPPUCCIO COPRIVITE COD. 00053 (PAG.22)
PLASTIC CAP CODE 00053 (PAGE 22)

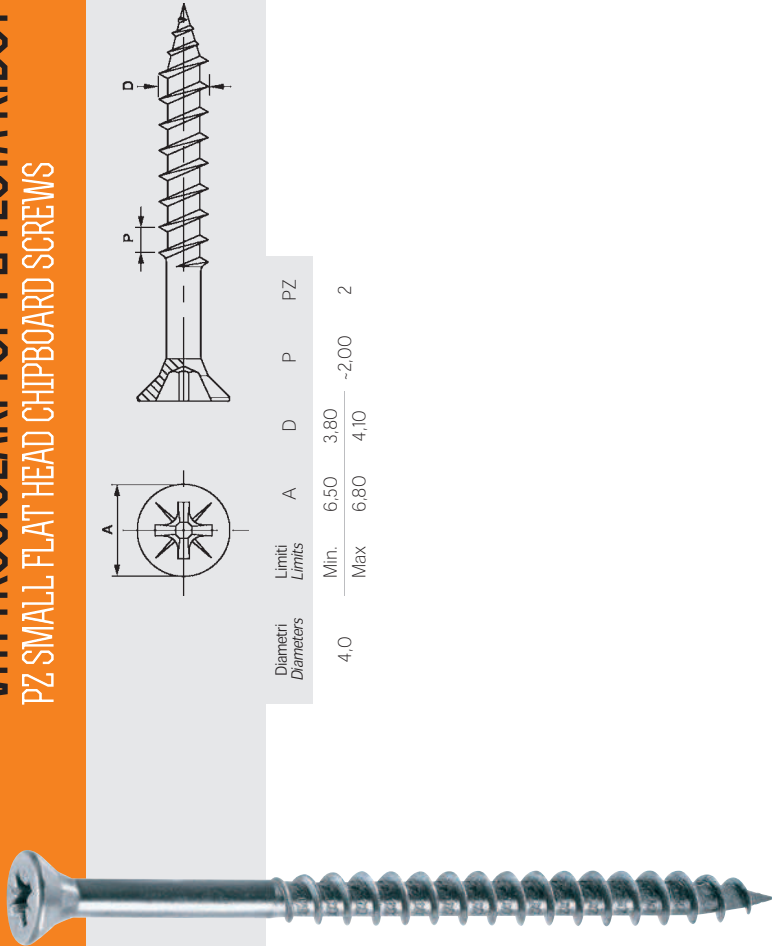


**CON ALETTE
WITH RIBS**

the problem of the grip of the cap has resolved, also in case of vibrations and high stresses. Usable with plastic caps (see page 22).

VITI TRUCIOLARI TSP PZ TESTA RIDOTTA

PZ SMALL FLAT HEAD CHIPBOARD SCREWS



Diametri Diameters	Limiti Limits	A	D	P	PZ
4,0	Min.	6,50	3,80	-2,00	2
	Max	6,80	4,10		

- Acciaio temperato: C1022
- Carbon steel: C1022
- Base hardness: HV560 Min
- Core hardness: HV 300-420
- Threaded section: as per listing
(Ex 4,0x30/8 = thread 18)

FINITURA/FINISHING			IMBALLO/PACKAGING			
MISURE SIZES	Zincato CR3 Blue zinc CR3	Zincato giallo Yellow zinc				
18	1865	1865	6000 (6)	2000 (2)	1000	10000
20	2095	2095	6000 (6)	2000 (2)	1000	10000



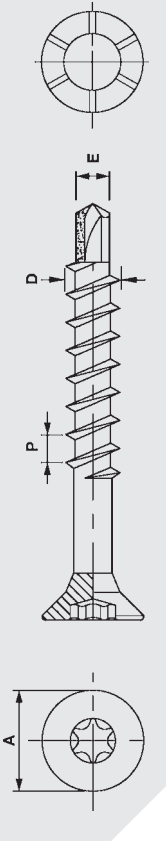
drop-leaf or rabbit doors.

VITI TRUCIOLARI TSP TX TESTA RIDOTTA AUTOPERF. CON ALETTE AUTOSVASANTI

TZ FLAT SMALL HEAD CHIPBOARD SCREWS WITH DRILLING POINT AND WITH RIBS UNDER HEAD

TSP TX SMDR
CODICE CODE 04054

- Acciaio temperato: C1022
- Carbon steel: C1022
- Base hardness: H4560 Min
- Core hardness: H4V 300-420
- Threaded section: 45° tapering
(Ex 4.0x30/21 = thread 21)



Diametri Diameters	Limiti Limits		A	D	E	P	TX
	Min.	Max					
4,0			6,50	3,70	2,80	-2,00	T15
			6,80	4,10	2,90		



CON ALETTE
WITH RIBS

FINITURA/FINISHING		IMBALLO/PACKAGING			
MISURE SIZES	TX	Zincato CR3 Blue zinc CR3	Zincato giallo Yellow zinc		
.....	T15	5255	5255	8.000 (8)	10.000
.....	T15	6100	6100	2.000 (2)	10.000
.....	T15	6935	6935	2.000 (2)	8.000

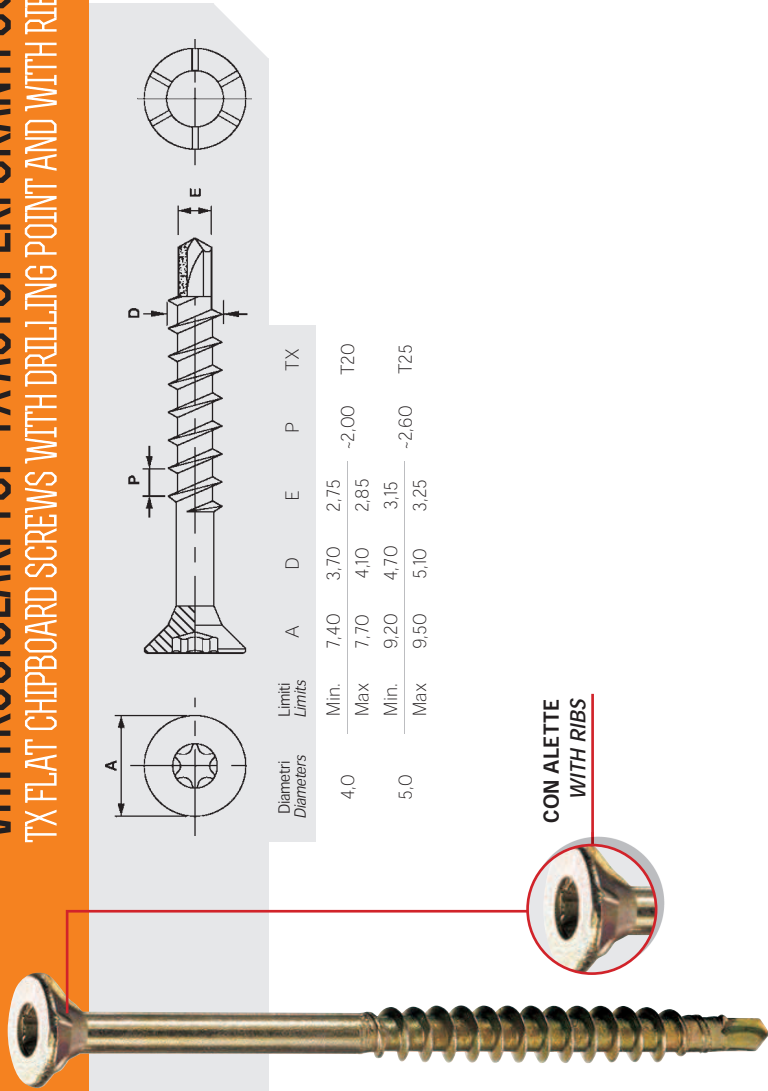


.....

.....
drop-leaf or rabbet doors. Pre-drilling not required.

VITI TRUCIOLARI TSP TX AUTOPERFORANTI CON ALETTE AUTOSVASANTI

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



- Acciaio temperato: C1022
- Carbon steel: C1022
- Case hardness: H1V 560 Min
- Core hardness: H1V 300-420
- Threaded section: 4.0x30/21 = thread 21
- 4.0x30/21 = thread 21

Diametri Diameters	Limiti Limits	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		

FINITURA/FINISHING		IMBALLO/PACKAGING			
MISURE SIZES	TX	Zincate CR3 Blue zinc CR3	Zincate gialla Yellow zinc		
T20	42,05	42,05	6000 (12)	2000 (4)	500
T20	46,50	46,50	4000 (8)	2000 (4)	500
T20	52,55	52,55	4000 (8)	2000 (4)	500
T20	58,65	58,65	2400 (12)	800 (4)	200
T20	63,15	63,15	2400 (12)	800 (4)	200
T20	82,35	82,35	2400 (12)	800 (4)	200
T20	91,10	91,10	2400 (12)	800 (4)	200
T25	101,60	101,60	2400 (12)	800 (4)	200
T25	123,55	123,55	1600 (8)	800 (4)	200
T25	134,95	134,95	1600 (8)	800 (4)	200
T25	156,90	156,90	1600 (8)	800 (4)	200
T25	178,65	178,65	1200 (12)	400 (4)	100
T25	222,65	222,65	1200 (12)	400 (4)	100

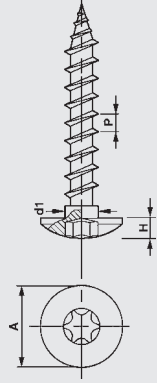


minimum, since it does not require drilling, on MDF panels, and as a measure

VITI TRUCIOLARI TMT TX CON COLLARE

TX TRUSS HEAD CHIPBOARD SCREWS WITH NECK UNDER HEAD / VIS À PENTURE

- Acciaio temperato: C1022 Carbon steel: C1022
..... Core hardness: HV 550 Min.....
..... Core Hardness: HV 300-420.....



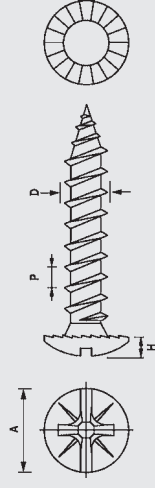
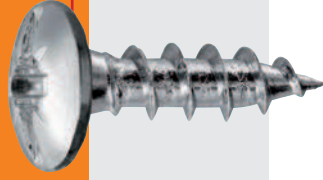
Diametri Diameters	Limiti Limits	A	H	...	P	TX
5,5	Min.	11,50	2,85	5,70	-2,20	T30
	Max	12,20	3,20	5,90		
6,0	Min.	14,50	3,00	5,80	-2,70	T30
	Max	15,00	3,40	6,00		
7,0	Min.	16,50	3,40	6,80	-3,30	T30
	Max	17,00	3,80	7,00		

FINTURA/FINISHING				IMBALLO/PACKAGING			
MISURE SIZES	TX	Zincate CR3 Blue zinc CR3	Zincate giallo Yellow zinc	Zincate nero Black zinc			
.....	.....T30	37,95	37,95	42,60	2000 (4)	500	5000
.....	T30	44,85	44,85	5110	1000 (2)	500	4000
.....	T30	50,00	50,00	56,75	1000 (2)	500	4000
.....	T30	54,25	54,25	62,30	1000 (4)	500	3500
.....	T30	59,55	59,55	69,05	1000 (2)	500	3000
.....	T30	64,80	64,80	75,55	1000 (2)	500	2500
.....	.....T30	44,00	44,00	51,00	1000 (2)	500	4000
.....	T30	60,15	60,15	68,95	1000 (2)	500	3500
.....	T30	66,45	66,45	77,05	1000 (2)	500	3500
.....	T30	72,70	72,70	85,25	1000 (2)	500	3000
.....	T30	78,95	78,95	90,85	1000 (2)	500	2500
.....	T30	87,70	87,70	100,25	400 (2)	200	2000
.....	T30	91,50	91,50	108,35	400 (2)	200	2000
.....	T30	116,15	116,15	158,35	400 (2)	200	1500
70	T30	136,80	136,80	186,45	400 (2)	200	1200
80	T30	155,95	155,95	212,55	400 (2)	200	1000
.....	.....T30	110,20	110,20	143,85	400 (2)	200	2500
.....	T30	120,65	120,65	156,60	400 (2)	200	2000
.....	T30	129,95	129,95	169,40	400 (2)	200	1500
.....	T30	140,40	140,40	183,30	400 (2)	200	1500
.....	T30	153,15	153,15	199,55	400 (2)	200	1200
.....	T30	174,00	174,00	226,20	400 (2)	200	1000
70	T30	235,60	235,60	321,35	200 (2)	100	1000
80	T30	260,45	260,45	355,00	200 (2)	100	800



TMT PZ
CODICE CODE 05068

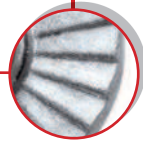
VITI TRUCIOLARI TMT PZ COMBI DENTELLATE



Diametri Diameters	Limiti Limits	A	H	D	P	PZ
6,0	Min.	1180	353	570	-280	3
	Max	1230	383	620		

NEW
PRODUCT

DENTELLATURA SOTTOTESTA
WITH SERRATION



Viti universali che si prestano a svariati utilizzi su legni naturali, pannelli truciolari, compensati, materie plastiche, tasselli e lamiere sottili.

Universal screws suitable for various uses on natural woods, chipboard, particle board, plastic materials, plugs and thin platings.

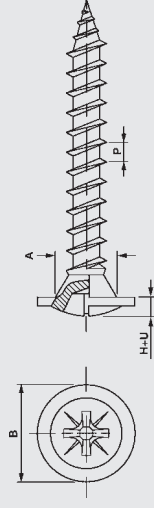
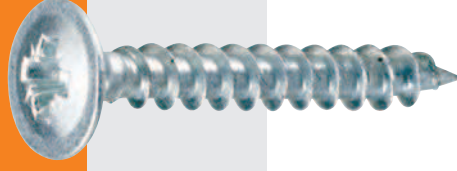
- Acciaio temperato: C1022
- Carbon steel: C1022
- Core hardness: HV 560 min.
- Threaded section: FULL THREAD
- Threaded section: FULL THREAD

FINITURA/FINISHING		IMBALLO/PACKAGING					
MISURE SIZES	• • • • •						
		Zincate CR3 Blue zinc CR3	Zincate nere Black zinc				
	17	6100	72,50	800 (4)	200	5000	
	19	6200	73,50	800 (4)	200	5000	
	• • • • •	6380	76,80	800 (4)	200	4000	



RbRIS
Compliant

VITI TRUCIOLARI TSC PZ RANELLATE
PZ OVAL WASHER HEAD CHIPBOARD SCREWS



Diametri Diameters	Limiti Limits	A	B	.....	P	PZ
3.0	Min.	3.70	6.90	-		1
	Max	3.90	7.30	1.30		
3.5	Min.	5.00	7.90	-		2
	Max	5.30	8.30	1.40	-1.80	
4.0	Min.	5.50	9.00	-		3
	Max	5.80	9.40	1.80	-2.00	

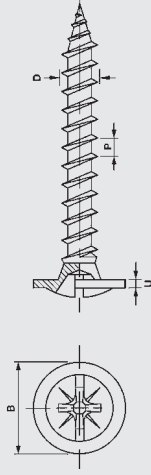
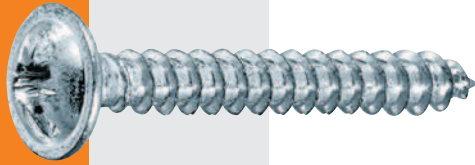
FINITURA/FINISHING		IMBALLO/PACKAGING			
MISURE SIZES					
	Zincate CP3 Blue zinc CP3				
• • • • •	10,05	12,00 (6)	4,00 (2)	2000	30,000
20	11,60	12,000 (6)	4,000 (2)	2000	25,000
• • • • •	12,20	8,000 (4)	4,000 (2)	2000	20,000
• • • • •	13,55	8,000 (4)	4,000 (2)	2000	15,000
• • • • •	15,45	4,000 (4)	2,000 (2)	1000	10,000
• • • • •	17,30	4,000 (4)	2,000 (2)	1000	10,000
• • • • •	21,45	8,000 (8)	4,000 (4)	1000	12,000
• • • • •	23,05	8,000 (8)	4,000 (4)	1000	10,000
• • • • •	24,60	6,000 (6)	2,000 (2)	1000	10,000
27	26,45	6,000 (6)	2,000 (2)	1000	10,000
• • • • •	27,80	6,000 (6)	2,000 (2)	1000	8,000
• • • • •	31,00	4,000 (4)	2,000 (2)	1000	8,000
• • • • •	36,95	4,000 (4)	2,000 (2)	1000	7,000



• • • • •
• • • • •
pomoli.

VITI TRUCIOLARI TMT RANELLATE PZ COMBI

TRUSS WASHER HEAD SCREWS POZI COMBINATION



Diametri Diameters	Limiti Limits	B	• •	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		

• • • • •
PZ COMBINATION



- Acciaio temperato: C1022 Carbon steel: C1022
• • • • • Case hardness: • • • • • HV 550 Min • • • • •
• • • • • Core hardness: • • • • • HV 350-420 • • • • •

FINITURA / FINISHING		IMBALLO / PACKAGING			
MISURE SIZES	Zincate CR3 Blue zinc CR3	Bronzate Bronze pl.			
• • • • •	• • • • • 15,35	17,95	8000 (4)	4000 (2)	2000
• • • • •	• • • • • 18,00	20,55	8000 (4)	4000 (2)	2000
• • • • •	• • • • • 20,75	23,45	4000 (4)	2000 (2)	1000
• • • • •	• • • • • 23,45	26,55	4000 (4)	2000 (2)	1000
• • • • •	• • • • • 19,55	22,40	8000 (8)	4000 (4)	1000
20	21,45	24,20	8000 (8)	4000 (4)	1000
• • • • •	• • • • • 23,05	26,10	6000 (6)	2000 (2)	1000
• • • • •	• • • • • 24,60	27,65	6000 (6)	2000 (2)	1000
• • • • •	• • • • • 27,80	31,15	6000 (6)	2000 (2)	1000
• • • • •	• • • • • 31,00	34,75	4000 (4)	2000 (2)	1000



Viti universali che si prestano a svariati utilizzi su legni naturali, pannelli truciolari, compensati, materie plastiche, tasselli e lamiere sottili.

Universal screws suitable for various uses on natural woods, chipboards, particle boards, plastic materials, plugs and thin platings.