

TYPES						BASE MATERIAL
TEX-BT	TEX-BP	TEC-BT	TEX-ZT	TEX-ZP	TEX-A2	

ACCESORIES

CHARACTERISTICS



TEX-AB

- Self-cleaning coils which expel debris and particles during fixing.
- Optimized express thread for fast insertion.
- Special interior self-countersinking in 2.5 - 4.5* measurement versions (ironworks), and special exterior self-countersinking in 5.0 – 10.0* measurement versions (wood structures), allowing for direct countersinking in the material to be fixed, during fixing, saving time and the need for secondary operations.
- Serrated thread on first thread strands to reduce installation torque.
- Milled drill tip which allows for easy installation in hard woods.
- Tip angle which allows for easy centering and penetration in any fixing position.
- Environmentally friendly Cr+6 –free coating.

APPLICATIONS

- Elaborately designed high performance wood screw with its own technical characteristics, making it the best choice on the market. For work which requires the highest performance.
- Applications: Fixing ironwork to wood, joining wood structures to each other, fixing reinforcing metal joints to wood, load-bearing wood structures.

* See annex A at the end of this file to see all characteristics by reference.

APPLICATION EXAMPLES



1. RANGE

ITEM	CODE	DIAMETER [mm]	LENGTH [mm]	PHOTO	RECESS	MATERIAL	COATING
1	TEXBT	3,0 ÷ 10,0	16 ÷ 400			A	B YELLOW ^{C2}
2	TEXBP	2,5 ÷ 6,0	10 ÷ 120			A	B YELLOW ^{C2}
3	TECBT	6,0 ÷ 10,0	80 ÷ 300			A	B YELLOW ^{C2}
4	TEXZT	3,0 ÷ 6,0	16 ÷ 300			A	Z ZINC ^{C1}
5	TEXZP	2,5 ÷ 6,0	10 ÷ 120			A	Z ZINC ^{C1}
6	TEXA2	5,0	50 ÷ 70			A2 INOX AISI 304 ^{C4}	
7	TEXAB	6,0 ÷ 10,0	---		---	A	B YELLOW ^{C2}

2. CHARACTERISTICS

2.1 TEX-BT Yellow zinc-plated wood screw Tx recess



MATERIALS & GEOMETRY



Steel

Yellow Zinc-plated

Tx

Serrated S Tip

CHARACTERISTICS

- Yellow zinc-plated coating
- Countersunk head and y S tip.
- Tx recess
- Application: Fixing ironwork to wood, joining wood structures to each other, fixing reinforcing metal joints to wood, load-bearing wood structures.

BENEFITS

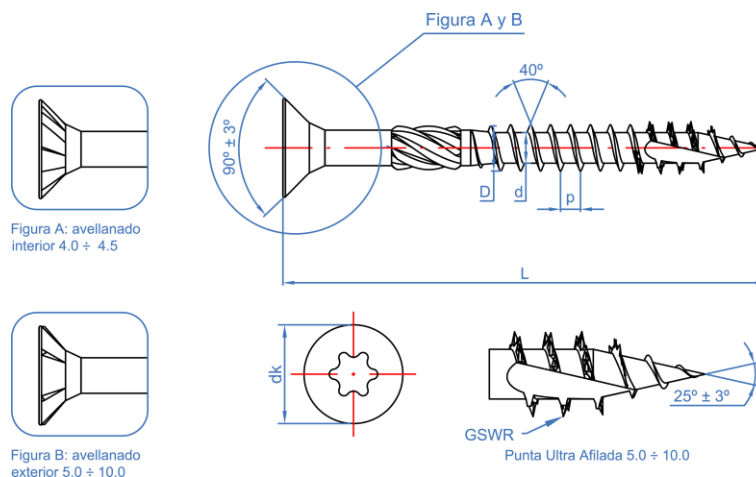


CE Marking

Patent

Installation with screwdriver

DIAMETER		Ø 3.0	Ø 3.5	Ø 4.0	Ø 4.5	Ø 5.0	Ø 6.0	Ø 8.0	Ø 10.0
dk: head diameter	[mm]	6.00	7.00	8.00	8.80	9.80	11.80	14.80	18.40
L: lengths	[mm]	16 – 40	12 – 50	16 – 70	25 – 80	30 - 120	40 – 300	80 – 400	80 – 240
D: external thread diameter	[mm]	3.0	3.5	4.0	4.5	5.0	6.0	8.0	10.0
d: inside thread diameter	[mm]	2.0	2.3	2.6	2.9	3.3	3.9	5.6	6.5
p: thread pitch	[mm]	1.6	2.0	2.30	3.6	4.0	4.6	6.2	6.8
Tx recess		T10	T15	T20	T20	T25	T30	T40	T40
Installation bit code		PUTO10	PUTO15	PUTO20	PUTO20	PUTO25	PUTO30	PUTO40	PUTO40



2.2 TEX-BP

Yellow zinc-plated wood screw Pz recess



MATERIALS & GEOMETRY



Steel

Yellow Zinc-plated

Pz

Serrated S Tip

CHARACTERISTICS

- Yellow zinc-plated coating
- Countersunk head and y S tip.
- Pz recess
- Application: Fixing ironwork to wood, joining wood structures to each other, fixing reinforcing metal joints to wood, load-bearing wood structures

BENEFITS

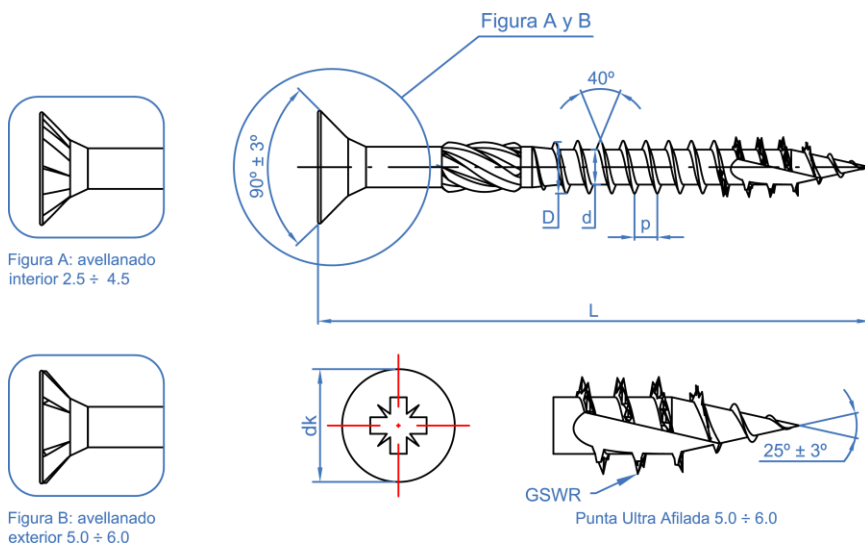


CE Marking

Patent









Installation with screwdriver

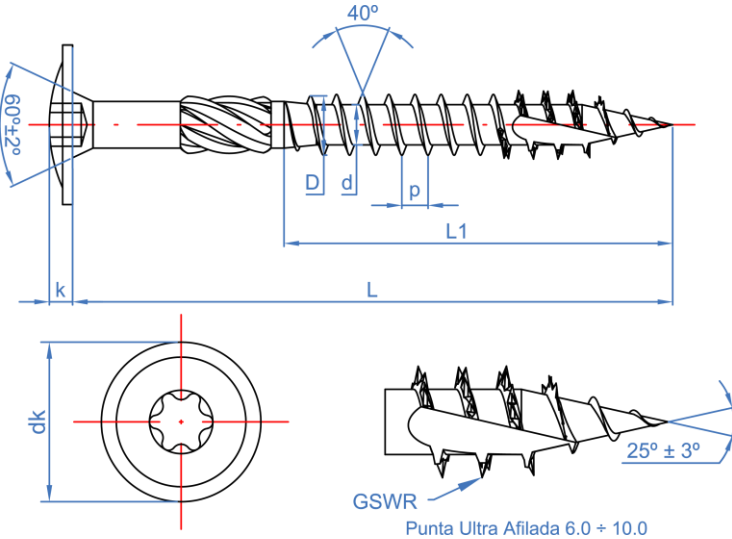
DIAMETER		Ø 2.5	Ø 3.0	Ø 3.5	Ø 4.0	Ø 4.5	Ø 5.0	Ø 6.0
dk: head diameter	[mm]	5.00	6.00	7.00	8.00	8.80	9.80	11.80
L: lengths	[mm]	10 - 25	10 - 45	10 - 50	12 - 80	16 - 80	25 - 120	40 - 120
D: external thread diameter	[mm]	2.5	3.0	3.5	4.0	4.5	5.0	6.0
d: inside thread diameter	[mm]	1.6	2.0	2.3	2.6	2.9	3.3	3.9
p: thread pitch	[mm]	1.3	1.60	2.00	2.30	3.6	4.0	4.6
Pz recess		PZ1	PZ1	PZ2	PZ2	PZ2	PZ2	PZ3
Installation bit code		PUPOC01 PUPOL01	PUPOC01 PUPOL01	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC03 PUPOL03



2.3 TEC-BT

Yellow zinc-plated wide head wood screw Tx recess

		MATERIALS & GEOMETRY			
		 Steel	 Yellow Zinc-plated	 Tx	 Serrated S Tip
CHARACTERISTICS		BENEFITS			
<ul style="list-style-type: none"> • Yellow zinc-plated coating • Wide head and y S tip. • Tx recess • Application: Fixing ironwork to wood, joining wood structures to each other, fixing reinforcing metal joints to wood, load-bearing wood structures. 		 CE Marking	 Patent	 Installation with screwdriver	
DIAMETER		Ø 6.0	Ø 8.0	Ø 10.0	
dk: head diameter	[mm]	14.5	21.5	25.5	
k: head height	[mm]	3.1	3.7	4.1	
L: lengths	[mm]	80 – 200	80 – 300	100 – 300	
D: external thread diameter	[mm]	6.0	8.0	10.0	
d: inside thread diameter	[mm]	3.9	5.6	6.5	
p: thread pitch	[mm]	4.6	6.2	6.8	
Tx recess		T30	T40	T40	
Installation bit code		PUTO30	PUTO40	PUTO40	



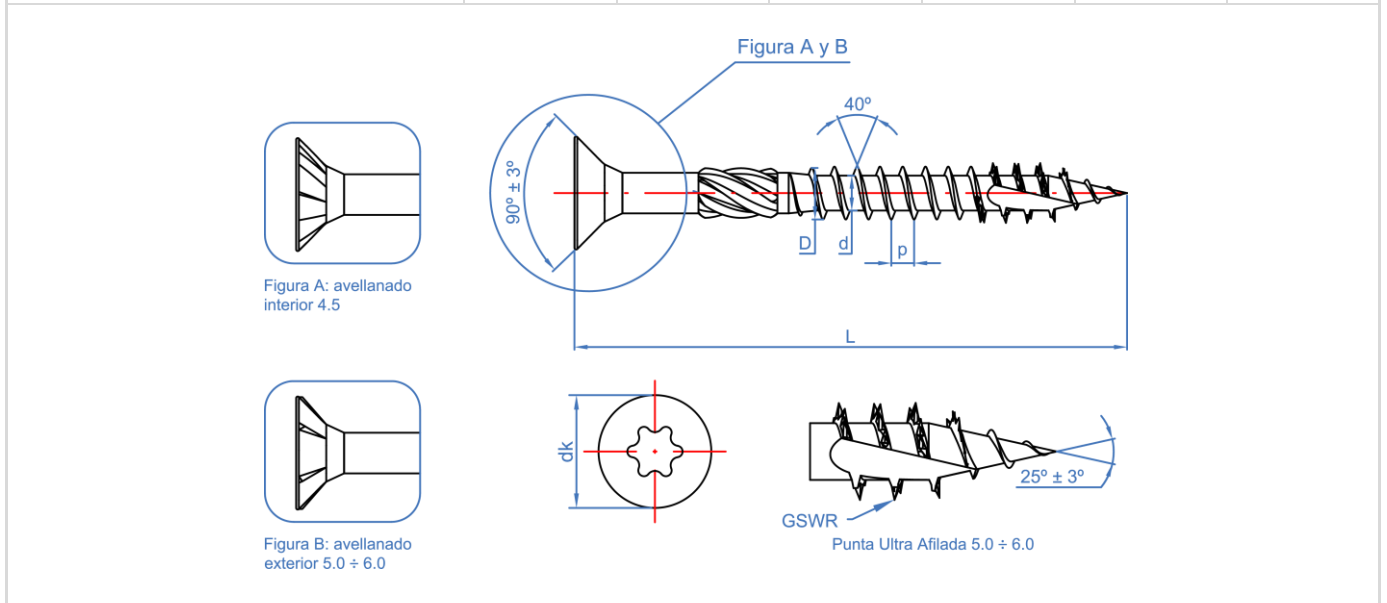
2.4 TEX-ZT

Zinc-plated wood screw Tx recess

	MATERIALS & GEOMETRY			
	 Steel	 Zinc-plated	 Tx	 Serrated S Tip

CHARACTERISTICS	BENEFITS		
<ul style="list-style-type: none"> • Zinc-plated coating • Countersunk head and y S tip. • Tx recess • Application: Fixing ironwork to wood, joining wood structures to each other, fixing reinforcing metal joints to wood, load-bearing wood structures. 	 CE Marking	 Patent	 Installation with screwdriver

DIAMETER		Ø 3.0	Ø 3.5	Ø 4.0	Ø 4.5	Ø 5.0	Ø 6.0
dk: head diameter	[mm]	6.0	7.0	8.0	8.80	9.80	11.80
L: lengths	[mm]	12 - 40	12 - 50	16 - 70	30 - 80	30 - 100	50 - 300
D: external thread diameter	[mm]	3.0	3.5	4.0	4.5	5.0	6.0
d: inside thread diameter	[mm]	2.0	2.3	2.6	2.9	3.3	3.9
p: thread pitch	[mm]	1.6	2.0	2.3	3.6	4.0	4.6
Tx recess		T10	T15	T20	T20	T25	T30
Installation bit code		PUTO10	PUTO15	PUTO20	PUTO20	PUTO25	PUTO30



2.5 TEX-ZP

Zinc-plated wood screw Pz recess



MATERIALS & GEOMETRY



Steel

Zinc-plated

Pz

Serrated S Tip

CHARACTERISTICS

- Zinc-plated coating
- Countersunk head and y S tip.
- Pz recess
- Application: Fixing ironwork to wood, joining wood structures to each other, fixing reinforcing metal joints to wood, load-bearing wood structures.

BENEFITS



CE Marking

Patent

Installation with screwdriver

DIAMETER		Ø 2.5	Ø 3.0	Ø 3.5	Ø 4.0	Ø 4.5	Ø 5.0	Ø 6.0
dk: head diameter	[mm]	5.00	6.00	7.00	8.00	8.80	9.80	11.80
L: lengths	[mm]	10 - 25	10 - 45	10 - 50	12 - 80	16 - 80	25 - 120	40 - 120
D: external thread diameter	[mm]	2.5	3.0	3.5	4.0	4.5	5.0	6.0
d: inside thread diameter	[mm]	1.6	2.0	2.3	2.6	2.9	3.3	3.9
p: thread pitch	[mm]	1.3	1.6	2.0	2.3	3.6	4.0	4.6
Pz recess		PZ1	PZ1	PZ2	PZ2	PZ2	PZ2	PZ3
Installation bit code		PUPOC01 PUPOL01	PUPOC01 PUPOL01	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC03 PUPOL03

Figura A y B

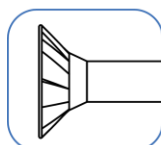


Figura A: avellanado interior para Ø2.5 ÷ Ø4.5

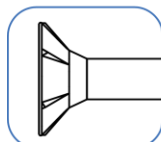
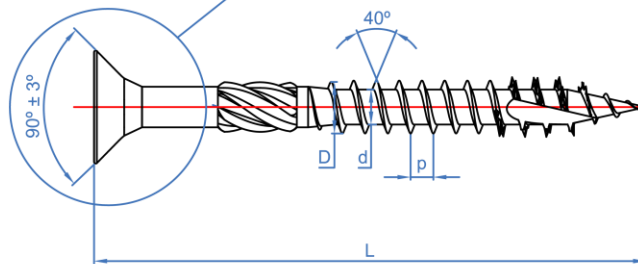
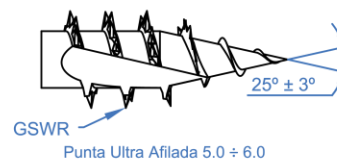
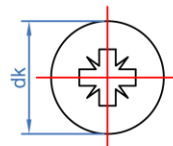







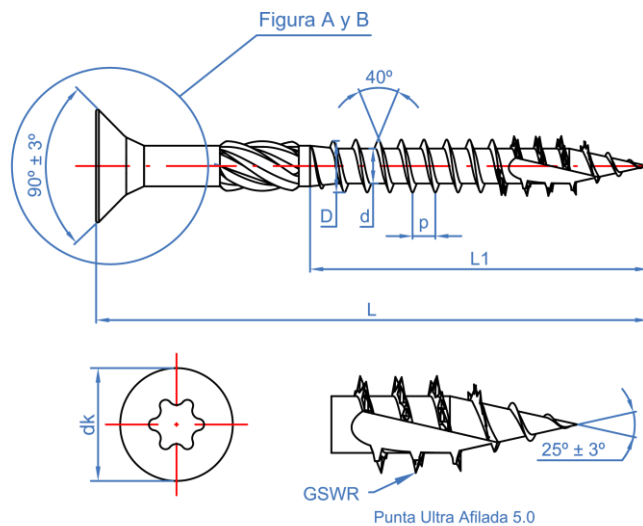


Figura B: avellanado exterior 5.0 ÷ 6.0



2.6 TEX-A2 **Stainless steel wood screw Tx recess**

		MATERIALS & GEOMETRY		
		 Stainless Steel A2	 Tx	 Serrated S Tip
CHARACTERISTICS		BENEFITS		
<ul style="list-style-type: none"> • Stainless steel A2 • Countersunk head and y S tip. • Tx recess • Interior countersink, fully threaded and ultra-sharp tip for the entire range of measures. • Application: Fixing ironwork to wood, joining wood structures to each other, fixing reinforcing metal joints to wood, load-bearing wood structures. 		 CE Marking	 Patent	 Installation with screwdriver
		DIAMETER Ø 5.0		
dk: head diameter	[mm]	7.5		
L: lengths	[mm]	50 - 70		
D: external thread diameter	[mm]	5.0		
d: inside thread diameter	[mm]	3.3		
p: thread pitch	[mm]	2.2		
Tx recess		T25		
Installation bit code		PUTO25		



2.7 TEX-AB

Conical washer TEX yellow zinc-plated



MATERIALS & GEOMETRY



Steel



Yellow
Zinc-plated

CHARACTERISTICS

- Yellow zinc-plated coating.
- Improvement of the fixing applying a greater clamping surface area.
- Application: Fixing ironwork to wood, joining wood structures to each other, fixing reinforcing metal joints to wood, load-bearing wood structures.

BENEFITS



DIAMETER

Ø6.0

Ø8.0

Ø10.0

D: external diameter of the washer

[mm]

19.5

25.0

32.0

d: interior diameter of the washer

[mm]

7.5

8.5

11.0

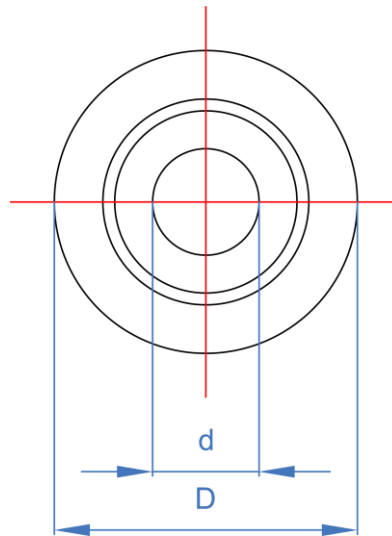
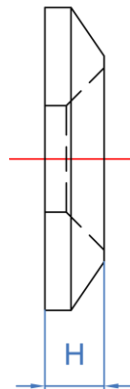
H: washer height

[mm]

4.5

5.5

6.5



3. PERFORMANCES

3.1 TEX-BT – TEX-BP – TEX-ZT – TEX-ZP

Essential characteristics	Performance										Harmonized technical specification
	Units	Ø 2.5	Ø 3.0	Ø 3.5	Ø 4.0	Ø 4.5	Ø 5.0	Ø 6.0	Ø 8.0	Ø 10.0	
Characteristic yield moment $M_{y,k}$	[Nmm]	1261	1859	2879	4364	5962	7615	13761	35208	54731	EN 14592:2008 + A1:2012
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	12.02	12.35	12.56	11.12	11.92	10.74	11.83	8.36	11.03	EN 14592:2008 + A1:2012
	ρ_k [kg/m ³]	350	350	350	350	350	350	350	350	350	EN 14592:2008 + A1:2012
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	27.87	26.80	24.62	24.79	22.71	22.85	24.57	20.20	19.86	EN 14592:2008 + A1:2012
	ρ_k [kg/m ³]	350	400	400	400	400	400	400	350	350	EN 14592:2008 + A1:2012
Characteristic tensile capacity $f_{tens,k}$	[kN]	2.86	3.58	5.58	7.03	8.18	9.69	14.67	25.32	38.11	EN 14592:2008 + A1:2012
Characteristic strength in torsion $f_{tor,k}$	[Nm]	1.08	1.63	2.89	3.80	5.46	7.33	13.55	31.16	54.46	EN 14592:2008 + A1:2012
Characteristic torsional resistance into timber $R_{tor,k}$	[Nm]	0.28	0.45	0.83	1.19	1.83	2.16	3.39	9.31	11.74	EN 14592:2008 + A1:2012
	ρ_k [kg/m ³]	450	450	450	450	450	450	450	450	450	EN 14592:2008 + A1:2012
Corrosion protection	[--]	Class 1 according EN 1995-1-1									EN 14592:2008 + A1:2012

3.2 TEX-A2 – TEC-BT

Essential characteristics	Performance					Harmonized technical specification
	Code	TEX-A2	TEX-BT	TEX-BT	TEX-BT	
	Units	Ø 5.0	Ø 6.0	Ø 8.0	Ø 10.0	
Characteristic yield moment $M_{y,k}$	[Nmm]	5127	13761	35208	54731	EN 14592:2008 + A1:2012
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	11,10	11.83	8.36	11.03	EN 14592:2008 + A1:2012
	ρ_k [kg/m ³]	350	350	350	350	EN 14592:2008 + A1:2012
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	20,71	27.12	25.11	26.25	EN 14592:2008 + A1:2012
	ρ_k [kg/m ³]	350	350	350	350	EN 14592:2008 + A1:2012
Characteristic tensile capacity $f_{tens,k}$	[kN]	5,60	14.67	25.32	38.11	EN 14592:2008 + A1:2012
Characteristic strength in torsion $f_{tor,k}$	[Nm]	4,25	13.55	31.16	54.46	EN 14592:2008 + A1:2012
Characteristic torsional resistance into timber $R_{tor,k}$	[Nm]	1,21	3.39	9.31	11.74	EN 14592:2008 + A1:2012
	ρ_k [kg/m ³]	350	450	450	450	EN 14592:2008 + A1:2012
Corrosion protection	[--]	Class 3 according EN 1995-1-1	Class 1 according EN 1995-1-1			EN 14592:2008 + A1:2012

ANNEX A: COMPARISON TABLE TEX SCREW CHARACTERISTICS (Lengths in mm)

TEX-BT	TEX-BP	TEC-BT	TEX-ZT	TEX-ZP	∅	SCREW LENGTH	THREAD LENGTH	CLEANER	ULTRA-SHARP TIP	RECESS	COUNTERSINK
--	TEXBP25010	--	--	TEXZP25010	2.5	10	COMPLETA	--	--	PZ1	INTERIOR
--	TEXBP25012	--	--	TEXZP25012		12					
--	TEXBP25016	--	--	TEXZP25016		16					
--	TEXBP25020	--	--	TEXZP25020		20					
--	TEXBP25025	--	--	TEXZP25025		25					
--	TEXBP30010	--	--	TEXZP30010	3	10	COMPLETA	--	--	PZ1	INTERIOR
--	TEXBP30012	--	--	TEXZP30012		12					
--	TEXBP30015	--	--	TEXZP30015		15					
TEXBT30016	TEXBP30016	--	TEXZT30016	TEXZP30016		16					
TEXBT30020	TEXBP30020	--	TEXZT30020	TEXZP30020		20					
TEXBT30025	TEXBP30025	--	TEXZT30025	TEXZP30025		25					
TEXBT30030	TEXBP30030	--	TEXZT30030	TEXZP30030		30					
TEXBT30035	TEXBP30035	--	TEXZT30035	TEXZP30035		35					
TEXBT30040	TEXBP30040	--	TEXZT30040	TEXZP30040		40					
--	TEXBP30045	--	--	TEXZP30045		45					
--	TEXBP35010	--	--	TEXZP35010	3.5	10	COMPLETA	--	--	PZ2	INTERIOR
TEXBT35012	TEXBP35012	--	TEXZT35012	TEXZP35012		12					
--	TEXBP35015	--	--	TEXZP35015		15					
TEXBT35016	TEXBP35016	--	TEXZT35016	TEXZP35016		16					
TEXBT35020	TEXBP35020	--	TEXZT35020	TEXZP35020		20					
TEXBT35025	TEXBP35025	--	TEXZT35025	TEXZP35025		25					
TEXBT35030	TEXBP35030	--	TEXZT35030	TEXZP35030		30					
TEXBT35035	TEXBP35035	--	TEXZT35035	TEXZP35035		35					
TEXBT35040	TEXBP35040	--	TEXZT35040	TEXZP35040		40					
TEXBT35045	TEXBP35045	--	TEXZT35045	TEXZP35045		45					
TEXBT35050	TEXBP35050	--	TEXZT35050	TEXZP35050	50						
--	TEXBP40012	--	--	TEXZP40012	4	12	COMPLETA	--	--	T20 / PZ2	INTERIOR
--	TEXBP40015	--	--	TEXZP40015		15					
TEXBT40016	TEXBP40016	--	TEXZT40016	TEXZP40016		16					
TEXBT40020	TEXBP40020	--	TEXZT40020	TEXZP40020		20					
TEXBT40025	TEXBP40025	--	TEXZT40025	TEXZP40025		25					
TEXBT40030	TEXBP40030	--	TEXZT40030	TEXZP40030		30					
TEXBT40035	TEXBP40035	--	TEXZT40035	TEXZP40035		35					
TEXBT40040	TEXBP40040	--	TEXZT40040	TEXZP40040		40					
TEXBT40045	TEXBP40045	--	TEXZT40045	TEXZP40045		45					
TEXBT40050	TEXBP40050	--	TEXZT40050	TEXZP40050		50					
TEXBT40055	TEXBP40055	--	TEXZT40055	TEXZP40055	55						
TEXBT40060	TEXBP40060	--	TEXZT40060	TEXZP40060	60						
TEXBT40070	TEXBP40070	--	TEXZT40070	TEXZP40070	70						
--	TEXBP40080	--	--	TEXZP40080	80						
--	TEXBP45016	--	--	TEXZP45016	4.5	16	COMPLETA	--	--	T20 / PZ2	INTERIOR
--	TEXBP45020	--	--	TEXZP45020		20					
TEXBT45025	TEXBP45025	--	--	TEXZP45025		25					
TEXBT45030	TEXBP45030	--	TEXZT45030	TEXZP45030		30					
TEXBT45035	TEXBP45035	--	TEXZT45035	TEXZP45035		35					
TEXBT45040	TEXBP45040	--	TEXZT45040	TEXZP45040		40					
TEXBT45045	TEXBP45045	--	--	TEXZP45045		45					
TEXBT45050	TEXBP45050	--	TEXZT45050	TEXZP45050		50					
TEXBT45060	TEXBP45060	--	TEXZT45060	TEXZP45060		60					
TEXBT45070	TEXBP45070	--	TEXZT45070	TEXZP45070		70					
TEXBT45080	TEXBP45080	--	TEXZT45080	TEXZP45080	80						
--	TEXBP50025	--	--	TEXZP50025	25						
TEXBT50030	TEXBP50030	--	TEXZT50030	TEXZP50030	30						
TEXBT50035	TEXBP50035	--	TEXZT50035	TEXZP50035	35						
TEXBT50040	TEXBP50040	--	TEXZT50040	TEXZP50040	40						
TEXBT50045	TEXBP50045	--	TEXZT50045	TEXZP50045	45						
TEXBT50050	TEXBP50050	--	TEXZT50050	TEXZP50050	50						
TEXBT50060	TEXBP50060	--	TEXZT50060	TEXZP50060	60						
TEXBT50070	TEXBP50070	--	TEXZT50070	TEXZP50070	70						
TEXBT50080	TEXBP50080	--	TEXZT50080	TEXZP50080	80						
TEXBT50090	TEXBP50090	--	TEXZT50090	TEXZP50090	90						
TEXBT50100	TEXBP50100	--	TEXZT50100	TEXZP50100	100						
--	TEXBP50110	--	--	TEXZP50110	110						

TEX-BT	TEX-BP	TEC-BT	TEX-ZT	TEX-ZP	Ø	SCREW LENGTH	THREAD LENGTH	CLEANER	ULTRA-SHARP TIP	RECESS	COUNTERSINK			
TEXBT50120	TEXBP50120	--	--	TEXZP50120	5	120	70	SI	SI	T25 / PZ2	EXTERIOR			
TEXBT60040	TEXBP60040	--	--	TEXZP60040		40	30	--						
TEXBT60045	TEXBP60045	--	--	TEXZP60045		45								
TEXBT60050	TEXBP60050	--	TEXZT60050	TEXZP60050		50								
TEXBT60060	TEXBP60060	--	TEXZT60060	TEXZP60060		60	40							
TEXBT60070	TEXBP60070	--	TEXZT60070	TEXZP60070		70								
TEXBT60080	TEXBP60080	TECBT60080	TEXZT60080	TEXZP60080		80								
TEXBT60090	TEXBP60090	--	TEXZT60090	TEXZP60090		90								
TEXBT60100	TEXBP60100	TECBT60100	TEXZT60100	TEXZP60100		100	6	SI				SI	T30 / PZ2	EXTERIOR
TEXBT60110	TEXBP60110	--	TEXZT60110	TEXZP60110		110								
TEXBT60120	TEXBP60120	TECBT60120	TEXZT60120	TEXZP60120		120								
TEXBT60130	--	--	TEXZT60130	--		130								
TEXBT60140	--	TECBT60140	TEXZT60140	--		140								
TEXBT60150	--	--	TEXZT60150	--		150								
TEXBT60160	--	TECBT60160	TEXZT60160	--		160								
TEXBT60180	--	TECBT60180	TEXZT60180	--		180								
TEXBT60200	--	TECBT60200	TEXZT60200	--		200								
TEXBT60220	--	--	TEXZT60220	--		220								
TEXBT60240	--	--	TEXZT60240	--		240								
TEXBT60260	--	--	TEXZT60260	--		260								
TEXBT60280	--	--	TEXZT60280	--	280									
TEXBT60300	--	--	TEXZT60300	--	300									
TEXBT80080	--	TECBT80080	--	--	80	40	8	SI	SI	T40	EXTERIOR			
TEXBT80100	--	TECBT80100	--	--	100	70								
TEXBT80120	--	TECBT80120	--	--	120	80								
TEXBT80140	--	TECBT80140	--	--	140									
TEXBT80160	--	TECBT80160	--	--	160									
TEXBT80180	--	TECBT80180	--	--	180									
TEXBT80200	--	TECBT80200	--	--	200									
TEXBT80220	--	TECBT80220	--	--	220									
TEXBT80240	--	TECBT80240	--	--	240									
TEXBT80260	--	TECBT80260	--	--	260									
TEXBT80280	--	TECBT80280	--	--	280									
TEXBT80300	--	TECBT80300	--	--	300									
TEXBT80320	--	--	--	--	320									
TEXBT80340	--	--	--	--	340									
TEXBT80360	--	--	--	--	360									
TEXBT80380	--	--	--	--	380									
TEXBT80400	--	--	--	--	400									
TEXBT10080	--	--	--	--	80	40	10	SI	SI	T40	EXTERIOR			
TEXBT10100	--	TECBT10100	--	--	100	80								
TEXBT10120	--	TECBT10120	--	--	120									
TEXBT10140	--	TECBT10140	--	--	140									
TEXBT10160	--	TECBT10160	--	--	160									
TEXBT10180	--	TECBT10180	--	--	180									
TEXBT10200	--	TECBT10200	--	--	200									
TEXBT10220	--	TECBT10220	--	--	220									
TEXBT10240	--	TECBT10240	--	--	240									
TEXBT10260	--	TECBT10260	--	--	260									
TEXBT10280	--	TECBT10280	--	--	280									
TEXBT10300	--	TECBT10300	--	--	300									
TEXBT10320	--	--	--	--	320									
TEXBT10340	--	--	--	--	340									
TEXBT10360	--	--	--	--	360									
TEXBT10380	--	--	--	--	380									
TEXBT10400	--	--	--	--	400									
TEXBT10450	--	--	--	--	450									