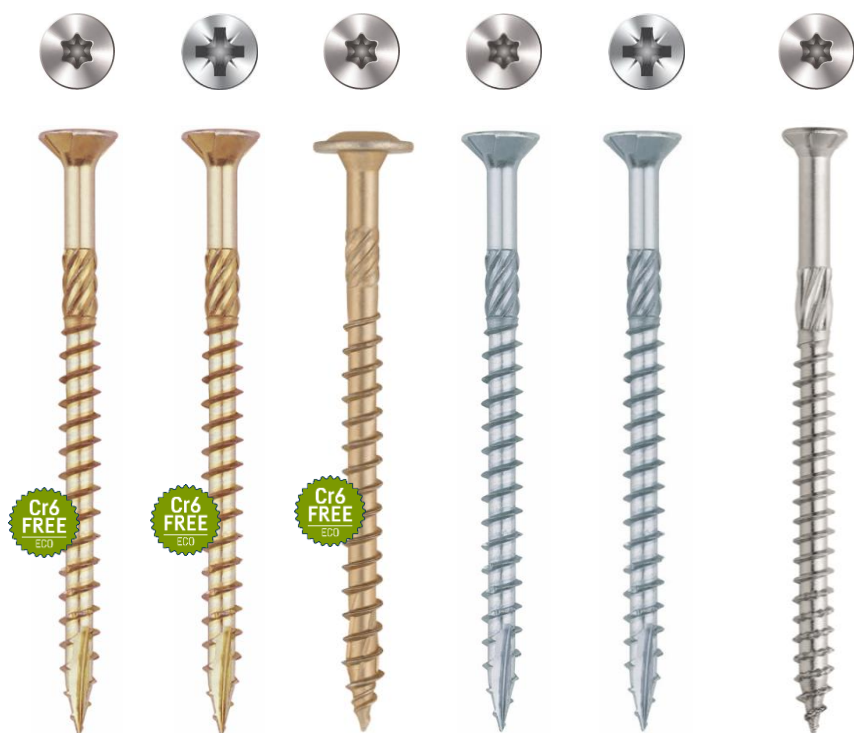


MODELS



TEX-BT

TEX-BP

TEC-BT

TEX-ZT

TEX-ZP

TEX-A2

BASE MATERIAL



Hardwood



Wood panel



Pinewood



Plywood

ACCESSORIES



TEX-AB

CHARACTERISTICS

- Self-cleaning screws that remove chips during screwing.
- Thread with optimised pitch to facilitate quick insertion.
- Interior self-countersinking screws in sizes 2.5 - 4.5* (metal fittings) and exterior self-countersinking screws in sizes 5.0 - 10.0* (wooden structures) that allow for direct countersinking in the material to be fixed, during screwing, saving time and the need for secondary operations.
- The first threads are serrated, which reduces the installation torque.
- Milled tip that facilitates insertion into hard woods.
- Tip angle that facilitates centring and penetration in any screwing position.
- Environmentally-friendly coating free of Cr(VI).

APPLICATIONS

- Wood screw specifically designed to offer technical characteristics which make it the best choice on the market for jobs that require maximum performance.
- Applications: fixing ironwork to wood, fixing wooden studs to each other, joining metal reinforcements to wood, load-bearing wooden structures.

*See Annex A at the end of the document for all characteristics by part number.

APPLICATION EXAMPLES

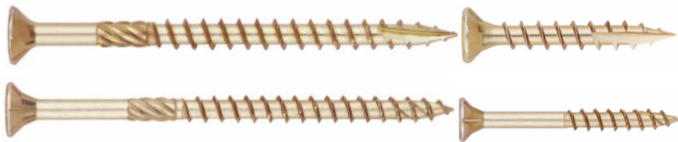


1. RANGE

ITEM	CODE	DIAMETER [mm]	LENGTH [mm]	PHOTO	RECESS	MATERIAL	COATING
1	TEXBT	3.0 - 10.0	16 - 400		 Tx		
2	TEXBP	3.0 - 6.0	10 - 120		 Pz		
3	TECBT	6.0 - 10.0	80 - 300		 Tx		
4	TEXZT	3.0 - 6.0	16 - 300		 Tx		
5	TEXZP	3.0 - 6.0	10 - 120		 Pz		
6	TEXA2	5.0	50 - 70		 Tx		
7	TEXAB	6.0 - 10.0	---		---		

2. CHARACTERISTICS

2.1 TEX-BT Dichromate wood screw with Tx recess



MATERIALS AND SHAPE



Steel

Dichromate

Hexalobular Tx

CHARACTERISTICS

- Dichromate finish.
- Countersunk head and several types of tip.
- Hexalobular Tx recess
- Applications: fixing ironwork to wood, fixing wooden studs to each other, joining metal reinforcements to wood, load-bearing wooden structures

ADVANTAGES



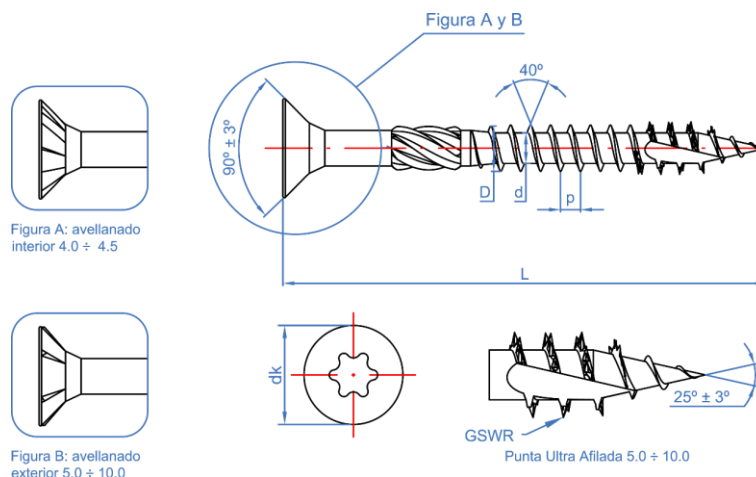
CE Marking

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	9.00	10.00	12.50	14.50	18.50
L: lengths	[mm]	12 – 40	12 – 50	16 – 70	25 – 80	30 - 120	40–300	80 – 400	80 – 450
D: thread outer diameter	[mm]	3.0	3.5	4.0	4.5	5.0	6.0	8.0	10.0
d: thread inner 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
Hexalobular Tx recess		T10	T15	T20	T20	T25	T30	T40	T40
Installation tip code		PUTO10	PUTO15	PUTO20	PUTO20	PUTO25	PUTO30	PUTO40	PUTO40

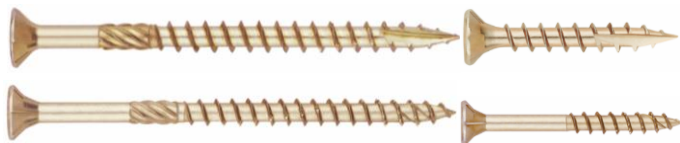
To check screw specifications:

[See Annex A: Comparison table of TEX screw characteristics](#)



2.2 TEX-BP

Dichromate wood screw with Pz recess



MATERIALS AND SHAPE



Steel

Dichromate

Pz

CHARACTERISTICS

- Dichromate finish.
- Countersunk head and several types of tip.
- Pz recess
- Applications: fixing ironwork to wood, fixing wooden studs to each other, joining metal reinforcements to wood, load-bearing wooden structures

ADVANTAGES



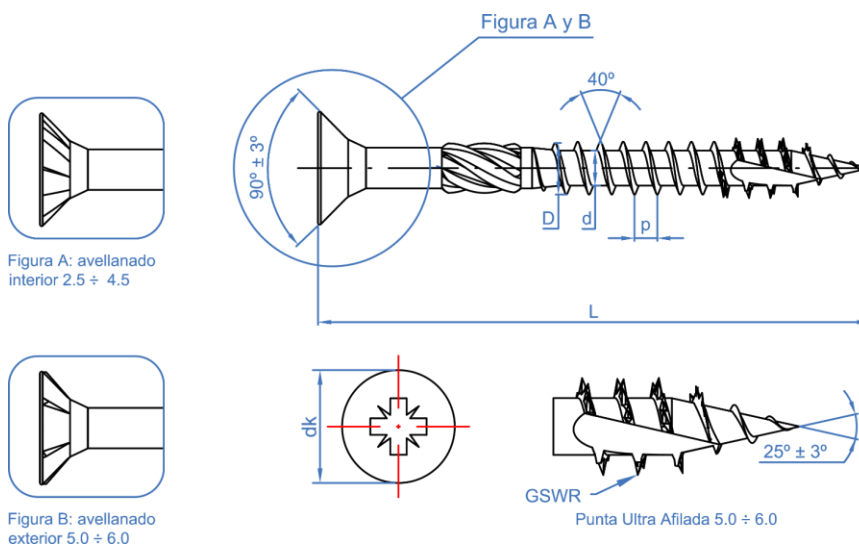
CE Marking

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]	6.00	7.00	8.00	9.00	10.00	12.50
L: lengths	[mm]	10 – 45	10 – 50	12 – 80	25 – 80	25 – 120	40 – 120
D: thread outer diameter	[mm]	3.0	3.5	4.0	4.5	5.0	6.0
d: thread inner diameter	[mm]	2.0	2.3	2.6	2.9	3.3	3.9
p: thread pitch	[mm]	1.60	2.00	2.30	3.6	4.0	4.6
Pz recess		PZ1	PZ2	PZ2	PZ2	PZ2	PZ3
Installation tip code		PUPOC01 PUPOL01	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC03 PUPOL03

To check screw specifications:

[See Annex A: Comparison table of TEX screw characteristics](#)



2.3 TEC-BT

Dichromate wood screw with wide head and Tx recess



MATERIALS AND SHAPE



Steel

Dichromate

Hexalobular Tx

CHARACTERISTICS

- Dichromate finish.
- Wide head and S tip.
- Hexalobular Tx recess
- Applications: fixing ironwork to wood, fixing wooden studs to each other, joining metal reinforcements to wood, load-bearing wooden structures

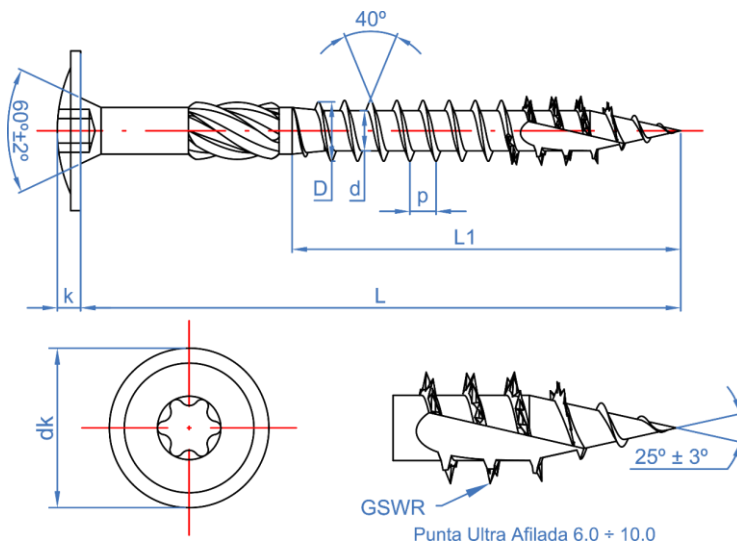
ADVANTAGES



CE Marking

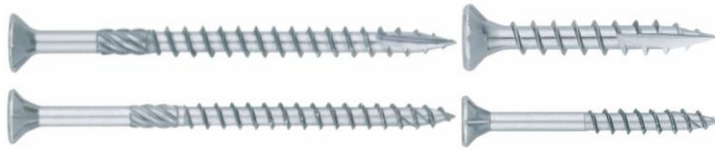
Installation with screwdriver

DIAMETER		Ø 6.0	Ø 8.0	Ø 10.0
dk: head diameter	[mm]	14.0	21.0	25.0
k: head height	[mm]	3.1	3.7	4.1
L: lengths	[mm]	80 – 200	80 – 300	100 – 300
D: thread outer diameter	[mm]	6.0	8.0	10.0
d: thread inner diameter	[mm]	3.9	5.4	6.4
p: thread pitch	[mm]	4.6	6.2	6.8
Hexalobular Tx recess		T30	T40	T40
Installation tip code		PUTO30	PUTO40	PUTO40



2.4 TEX-ZT

Zinc-plated wood screw with Tx recess



MATERIALS AND SHAPE



Steel

Zinc-plated

Hexalobular Tx

CHARACTERISTICS

- Zinc-plated finish.
- Countersunk head and several types of tip.
- Hexalobular Tx recess
- Applications: fixing ironwork to wood, fixing wooden studs to each other, joining metal reinforcements to wood, load-bearing wooden structures

ADVANTAGES



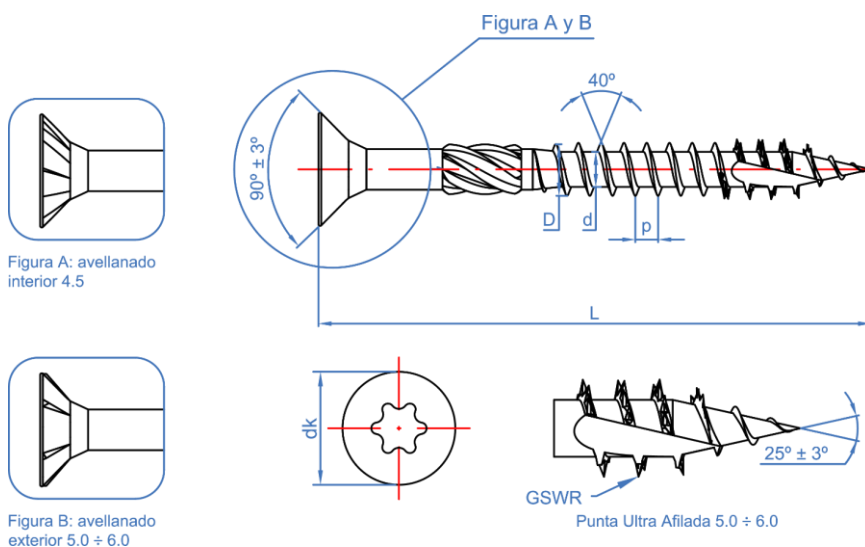
CE Marking

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	9.00	10.00	12.50
L: lengths	[mm]	12 - 40	12 - 50	16 - 70	30 - 80	30 - 100	50 - 300
D: thread outer diameter	[mm]	3.0	3.5	4.0	4.5	5.0	6.0
d: thread inner 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
Hexalobular Tx recess		T10	T15	T20	T20	T25	T30
Installation tip code		PUTO10	PUTO15	PUTO20	PUTO20	PUTO25	PUTO30

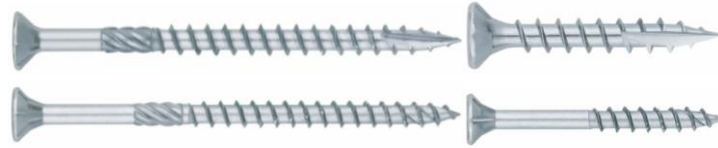
To check screw specifications:

[See Annex A: Comparison table of TEX screw characteristics](#)



2.5 TEX-ZP

Zinc-plated wood screw with Pz recess



MATERIALS AND SHAPE



Steel

Zinc-plated

Pz

CHARACTERISTICS

- Zinc-plated finish.
- Countersunk head and several types of tip.
- Pz recess
- Applications: fixing ironwork to wood, fixing wooden studs to each other, joining metal reinforcements to wood, load-bearing wooden structures

ADVANTAGES



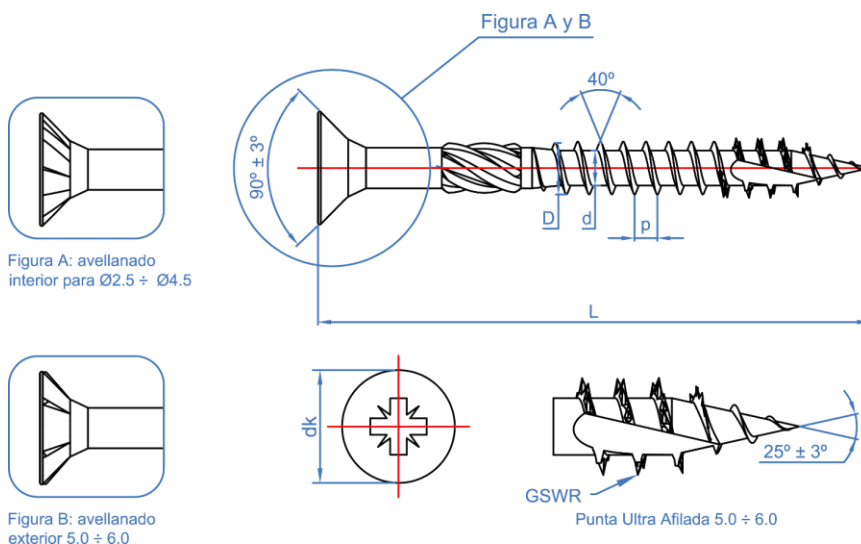
CE Marking

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]	6.00	7.00	8.00	9.00	10.00	12.50
L: lengths	[mm]	10 – 45	10 – 50	12 – 80	16 – 80	25 – 120	40 – 120
D: thread outer diameter	[mm]	3.0	3.5	4.0	4.5	5.0	6.0
d: thread inner 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
Pz recess		PZ1	PZ2	PZ2	PZ2	PZ2	PZ3
Installation tip code		PUPOC01 PUPOL01	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC02 PUPOL02	PUPOC03 PUPOL03








To check screw specifications:

[See Annex A: Comparison table of TEX screw characteristics](#)



2.6 TEX-A2

A2 stainless steel wood screw with Tx recess

		MATERIALS AND SHAPE		
		 A2 Stainless Steel	 Hexalobular Tx	 Serrated S Tip
CHARACTERISTICS		ADVANTAGES		
<ul style="list-style-type: none"> • A2 Stainless Steel. • Countersunk head and S tip. • Hexalobular Tx recess • Interior countersink, full thread and ultra sharp tip, all sizes • Applications: fixing ironwork to wood, fixing wooden studs to each other, joining metal reinforcements to wood, load-bearing wooden structures 		 CE Marking	 Patented	 Installation with screwdriver
		<p>DIAMETER Ø 5.0</p>		
dk: head diameter	[mm]	7.5		
L: lengths	[mm]	50 - 70		
D: thread outer diameter	[mm]	5.0		
d: thread inner diameter	[mm]	3.3		
p: thread pitch	[mm]	2.2		
Hexalobular Tx recess		T25		
Installation tip code		PUTO25		

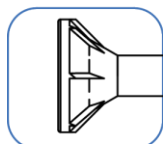
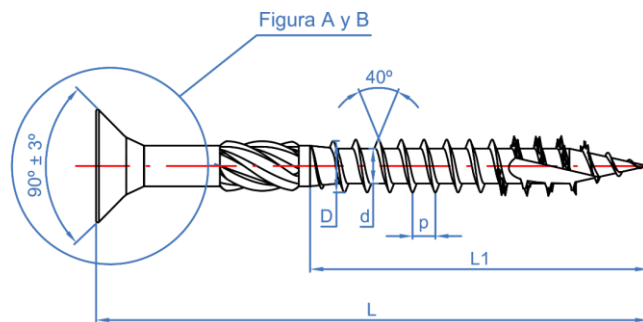
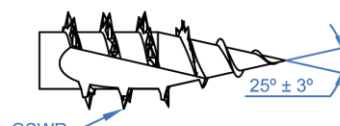
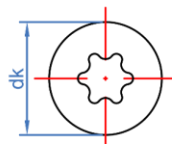


Figura A: avellanado interior 5.0



Punta Ultra Afilada 5.0

2.7 TEX-AB

Conical washer TEX dichromate



MATERIALS AND SHAPE



Steel



Dichromate

CHARACTERISTICS

- Dichromate finish.
- Improved fixing by applying a larger clamping surface.
- Applications: fixing ironwork to wood, fixing wooden studs to each other, joining metal reinforcements to wood, load-bearing wooden structures.

APPLICATION



DIAMETER

Ø 6.0

Ø 8.0

Ø 10.0

D: washer external diameter

[mm]

19.5

25.0

32.0

d: washer internal diameter

[mm]

7.5

8.5

11.0

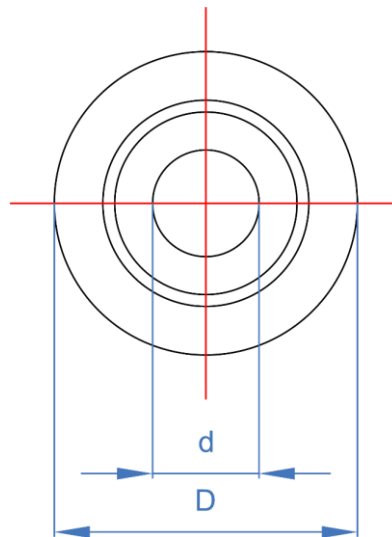
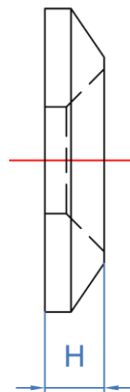
H: washer height

[mm]

4.5

5.5

6.5



3. SPECIFICATIONS

3.1 TEX-BT – TEX-BP – TEX-ZT – TEX-ZP

Key features	Performance									Harmonised technical specification
	Units	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]	1454	2752	3536	5187	9799	10000	23000	36000	EN 14592:2008 + A1:2012
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	12.21	16.64	18.01	15.13	11.73	11.57	11.36	11.25	EN 14592:2008 + A1:2012
	ρ_k [kg/m ³]	410	410	410	410	350	350	350	350	EN 14592:2008 + A1:2012
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	37.22	33.45	32.13	26.19	23.05	20.40	20.06	17.37	EN 14592:2008 + A1:2012
	ρ_k [kg/m ³]	495	495	495	495	350	350	350	350	EN 14592:2008 + A1:2012
Characteristic tensile strength $f_{tens,k}$	[kN]	3.28	3.84	5.09	6.31	10.98	12.00	20.00	32.00	EN 14592:2008 + A1:2012
Characteristic torsional strength $f_{tor,k}$	[Nm]	1.43	2.09	2.90	4.00	8.11	12.00	25.00	45.00	EN 14592:2008 + A1:2012
Characteristic torsional resistance to insertion into wood $R_{tor,k}$	[Nm]	0.72	1.19	1.62	2.18	3.36	4.40	8.59	18.18	EN 14592:2008 + A1:2012
	ρ_k [kg/m ³]	450	450	450	450	350	350	350	350	EN 14592:2008 + A1:2012
Durability	[--]	Class 1 according to EN 1995-1-1								EN 14592:2008 + A1:2012

3.2 TEX-A2 – TEC-BT

Key features	Performance					Harmonised technical specification
	Code Units	TEX-A2 Ø 5.0	TEX-BT Ø 6.0	TEX-BT Ø 8.0	TEX-BT 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 strength $f_{tens,k}$	[kN]	5.60	14.67	25.32	38.11	EN 14592:2008 + A1:2012
Characteristic torsional strength $f_{tor,k}$	[Nm]	4.25	13.55	31.16	54.46	EN 14592:2008 + A1:2012
Characteristic torsional resistance to insertion into wood $R_{tor,k}$	[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
Durability	[--]	Class 3 according to EN 1995-1-1	Class 1 according to EN 1995-1-1			EN 14592:2008 + A1:2012

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

TEX-BT	TEX-BP	TEX-ZT	TEX-ZP	Ø	SCREW LENGTH	THREAD LENGTH	CHIP EXTRACTOR	RECESS	PRODUCT IMAGE	
--	TEXBP30010	--	TEXZP30010	3	10	Full thread	NO	TX10 / PZ1		
TEXBT30012	TEXBP30012	TEXZT30012	TEXZP30012		12					
TEXBT30015	TEXBP30015	TEXZT30015	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	Full thread	NO	TX15 / PZ2		
TEXBT35012	TEXBP35012	TEXZT35012	TEXZP35012		12					
TEXBT35015	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					26
TEXBT35045	TEXBP35045	TEXZT35045	TEXZP35045		45					30
TEXBT35050	TEXBP35050	TEXZT35050	TEXZP35050	50	35					
--	TEXBP40012	--	TEXZP40012	4	12	Full thread	NO	TX20 / PZ2		
--	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					26
TEXBT40045	TEXBP40045	TEXZT40045	TEXZP40045		45					30
TEXBT40050	TEXBP40050	TEXZT40050	TEXZP40050		50					35
TEXBT40055	TEXBP40055	TEXZT40055	TEXZP40055	55	37	YES				
TEXBT40060	TEXBP40060	TEXZT40060	TEXZP40060	60	40					
TEXBT40070	TEXBP40070	TEXZT40070	TEXZP40070	70	48					
--	TEXBP40080	--	TEXZP40080	80	53					
TEXBT45025	TEXBP45025	--	TEXZP45025	4.5	25	Full thread	NO	TX20 / PZ2		
TEXBT45030	TEXBP45030	TEXZT45030	TEXZP45030		30					
TEXBT45035	TEXBP45035	TEXZT45035	TEXZP45035		35					
TEXBT45040	TEXBP45040	TEXZT45040	TEXZP45040		40					26
TEXBT45045	TEXBP45045	TEXZT45045	TEXZP45045		45					30
TEXBT45050	TEXBP45050	TEXZT45050	TEXZP45050		50					35
TEXBT45060	TEXBP45060	TEXZT45060	TEXZP45060		60					40
TEXBT45070	TEXBP45070	TEXZT45070	TEXZP45070		70					48
TEXBT45080	TEXBP45080	TEXZT45080	TEXZP45080		80					53
--	TEXBP50025	--	TEXZP50025		25					
TEXBT50030	TEXBP50030	TEXZT50030	TEXZP50030	5	30	Full thread	NO	TX25 / PZ2		
TEXBT50035	TEXBP50035	TEXZT50035	TEXZP50035		35					
TEXBT50040	TEXBP50040	TEXZT50040	TEXZP50040		40					
TEXBT50045	TEXBP50045	TEXZT50045	TEXZP50045		45					
TEXBT50050	TEXBP50050	TEXZT50050	TEXZP50050		50					30
TEXBT50060	TEXBP50060	TEXZT50060	TEXZP50060		60					
TEXBT50070	TEXBP50070	TEXZT50070	TEXZP50070		70					
TEXBT50080	TEXBP50080	TEXZT50080	TEXZP50080		80					50
TEXBT50090	TEXBP50090	TEXZT50090	TEXZP50090		90					60
TEXBT50100	TEXBP50100	TEXZT50100	TEXZP50100		100					70
--	TEXBP50110	--	TEXZP50110	110						
TEXBT50120	TEXBP50120	--	TEXZP50120	120						

TEX-BT	TEX-BP	TEX-ZT	TEX-ZP	Ø	SCREW LENGTH	THREAD LENGTH	CHIP EXTRACTOR	RECESS	PRODUCT IMAGE				
TEXBT60040	TEXBP60040	--	TEXZP60040	6	40	30	NO	TX30 / PZ3					
TEXBT60045	TEXBP60045	--	TEXZP60045		45								
TEXBT60050	TEXBP60050	TEXZT60050	TEXZP60050		50								
TEXBT60060	TEXBP60060	TEXZT60060	TEXZP60060		60								
TEXBT60070	TEXBP60070	TEXZT60070	TEXZP60070		70								
TEXBT60080	TEXBP60080	TEXZT60080	TEXZP60080		80								
TEXBT60090	TEXBP60090	TEXZT60090	TEXZP60090		90	50	NO	TX30 / PZ3					
TEXBT60100	TEXBP60100	TEXZT60100	TEXZP60100		100								
TEXBT60110	TEXBP60110	TEXZT60110	TEXZP60110		110								
TEXBT60120	TEXBP60120	TEXZT60120	TEXZP60120		120	60	NO	TX30 / PZ3					
TEXBT60130	--	TEXZT60130	--		130								
TEXBT60140	--	TEXZT60140	--		140								
TEXBT60150	--	TEXZT60150	--		150								
TEXBT60160	--	TEXZT60160	--		160								
TEXBT60180	--	TEXZT60180	--		180								
TEXBT60200	--	TEXZT60200	--		200	70	YES	TX30 / PZ3					
TEXBT60220	--	TEXZT60220	--		220								
TEXBT60240	--	TEXZT60240	--		240								
TEXBT60260	--	TEXZT60260	--		260								
TEXBT60280	--	TEXZT60280	--		280								
TEXBT60300	--	TEXZT60300	--		300								
TEXBT80080	--	--	--		80					50	NO	TX40	
TEXBT80100	--	--	--		100								
TEXBT80120	--	--	--		120					80	NO	TX40	
TEXBT80140	--	--	--		140								
TEXBT80160	--	--	--		160								
TEXBT80180	--	--	--		180								
TEXBT80200	--	--	--	200									
TEXBT80220	--	--	--	220									
TEXBT80240	--	--	--	240	100	YES	TX40						
TEXBT80260	--	--	--	260									
TEXBT80280	--	--	--	280									
TEXBT80300	--	--	--	300									
TEXBT80320	--	--	--	320									
TEXBT80340	--	--	--	340									
TEXBT80360	--	--	--	360									
TEXBT80380	--	--	--	380									
TEXBT80400	--	--	--	400									
TEXBT10080	--	--	--	80					50	NO	TX40		
TEXBT10100	--	--	--	100									
TEXBT10120	--	--	--	120	80	NO	TX40						
TEXBT10140	--	--	--	140									
TEXBT10160	--	--	--	160									
TEXBT10180	--	--	--	180									
TEXBT10200	--	--	--	200									
TEXBT10220	--	--	--	220									
TEXBT10240	--	--	--	240	100	YES	TX40						
TEXBT10260	--	--	--	260									
TEXBT10280	--	--	--	280									
TEXBT10300	--	--	--	300									
TEXBT10320	--	--	--	320									
TEXBT10340	--	--	--	340									
TEXBT10360	--	--	--	360									
TEXBT10380	--	--	--	380									
TEXBT10400	--	--	--	400									
TEXBT10450	--	--	--	450									