

Technical data sheet



SWD Structural Double Threaded Wood Screw

SWD is a construction screw designed to connect two timber members together. The small cap-style head and double thread creates a flexible, hidden assembly with high strength. The differentiated thread pitch creates a clamping effect, reducing the risk of gaps between the timber members.

Features

Material

Steel - Protec[®]+ coating

Features

- CE marked to EN14592
- Cap-style head
- Double threaded
- Chisel point

Applications

Common Applications

Timber to timber connections



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Product dimensions



References	Item code	Fastener dimensions [mm]									
		d	l	d _h	d ₁	A _h	h _t	l _{g1}	l _{g2}	t _{fix}	bit
SWD6.5x65	75425	6.5	65	8	4	-	-	28	21.5	-	TX30
SWD6.5x90	75426	6.5	90	8	4	-	-	40	33.5	-	TX30
SWD6.5x130	75427	6.5	130	8	4	-	-	40	33.5	-	TX30
SWD6.5x160	75428	6.5	160	8	4	-	-	65	58.5	-	TX30
SWD6.5x190	75429	6.5	190	8	4	-	-	80	73.5	-	TX30
SWD6.5x220	75430	6.5	220	10	4	-	-	95	88.5	-	TX30
SWD8.0x90	75431	7.8	90	10	5.4	-	-	40	31.5	-	TX40
SWD8.0x130	75432	7.8	130	10	5.4	-	-	40	31.5	-	TX40
SWD8.0x160	75433	7.8	160	10	5.4	-	-	65	56.5	-	TX40
SWD8.0x190	75434	7.8	190	10	5.4	-	-	80	71.5	-	TX40
SWD8.0x220	75435	7.8	220	10	5.4	-	-	95	86.5	-	TX40
SWD8.0x245	75436	7.8	245	10	5.4	-	-	107.5	99	-	TX40
SWD8.0x275	75437	7.8	275	10	5.4	-	-	107.5	99	-	TX40
SWD8.0x300	75438	7.8	300	10	5.4	-	-	135	126.5	-	TX40
SWD8.0x330	75439	7.8	330	10	5.4	-	-	135	126.5	-	TX40

Product characteristic properties

References	Characteristic Yield Moment – M _{y,k} [Nm]	Characteristic withdrawal parameter - f _{ax,k,90°} [N/mm ²]	Characteristic head pull-through parameter - f _{head,k} [N/mm ²]	Characteristic tensile capacity - f _{tens,k} [kN]	Characteristic torsional strength - f _{tor,k} [Nm]	Torsional ratio
SWD6.5x65	12.4	13.7	-	14.5	12.6	≥ 1,5
SWD6.5x90	12.4	13.7	-	14.5	12.6	≥ 1,5
SWD6.5x130	12.4	13.7	-	14.5	12.6	≥ 1,5
SWD6.5x160	12.4	13.7	-	14.5	12.6	≥ 1,5
SWD6.5x190	12.4	13.7	-	14.5	12.6	≥ 1,5
SWD6.5x220	12.4	13.7	-	14.5	12.6	≥ 1,5
SWD8.0x90	26.8	13.1	-	25.3	27.7	≥ 1,5
SWD8.0x130	26.8	13.1	-	25.3	27.7	≥ 1,5
SWD8.0x160	26.8	13.1	-	25.3	27.7	≥ 1,5
SWD8.0x190	26.8	13.1	-	25.3	27.7	≥ 1,5
SWD8.0x220	26.8	13.1	-	25.3	27.7	≥ 1,5
SWD8.0x245	26.8	13.1	-	25.3	27.7	≥ 1,5
SWD8.0x275	26.8	13.1	-	25.3	27.7	≥ 1,5
SWD8.0x300	26.8	13.1	-	25.3	27.7	≥ 1,5
SWD8.0x330	26.8	13.1	-	25.3	27.7	≥ 1,5
SWD6.5	12.4	13.7	-	14.5	12.6	-
SWD8	26.8	13.1	-	25.3	27.7	-

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SIMPSON

Strong-Tie

SWD

Structural Double Threaded Wood Screw

SWD

Structural Double Threaded Wood Screw



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