Technical Sheet

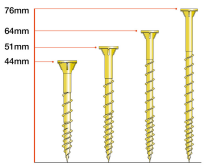
WSV
Wood Flooring Screw

The WSV is the new improved subfloor screw from Simpson Strong-Tie. The subfloor screws have been re-engineered to reduce driving force and increase installation speed. Less installation torque means reduced wear on tools. WSV screws have a sharp point with an aggressive variable thread resulting in faster, smoother installations. The deep T25 6-lobe recess provides improved control and greater bit life whilst the ribbed head design countersinks easily providing a clean, flush finish.













Features

Material

- Steel - electro galvanised coating

Features

- CE marked to EN14592
- Sharp point with aggressive variable thread
- Bit (TX25) included
- Ribbed, countersunk head

Applications

Header member

- Wood to wood applications

Common Applications

- Wood to wood applications
- Subfloor installation

Technical Sheet

WSV
Wood Flooring Screw

Technical Data

Dimensions

Reference	Fasteners Dimensions								
	Other		Product Dimensions[mm]				QD information		
	Qty per Box	Weight[kg]	Total Length[mm]	Thread Diameter[mm]	Head diameter[mm]	lg[mm]	Qty per Strip	Recommended RPM[U/Min.]	Quik Drive Attachment
WSV44E	2000.0	0.004	44	4.6	8.5	31	30.0	2500-4500	QDPRO64E / QDPRO76SKE
WSV51E	2000.0	0.004	51	4.6	8.5	37	30.0	2500-4500	QDPRO64E / QDPRO76SKE
WSV64E	1500.0	0.005	64	4.6	8.5	50	30.0	2500	QDPRO64E / QDPRO76SKE
WSV76E	1000.0	-	76	4.6	8.5	55	30.0	2500	QDPRO76SKE / QD76KE

Structural parameters - EN14592

Reference	Screw Parameters					
	Characteristic parameters					
	Characteristic moment of elasticity - My,k[Nm]	Characteristic pullout parameter[N/mm²]	Characteristic head traversal parameter[N/mm²]	Characteristic pulling capacity[kN]	Characteristic resistance to torsion - $R_{tor,k}$[Nm]	Torsional ratio
WSV44E	3.5	14.7	31.3	8.2	5.9	≥ 1,5
WSV51E	3.5	14.7	31.3	8.2	5.9	≥ 1,5
WSV64E	3.5	14.7	31.3	8.2	5.9	≥ 1,5
WSV76E	3.5	14.7	31.3	8.2	5.9	≥ 1,5

Panel to Timber Characteristic Capacities

Reference	Screw Loads			
	Product characteristic capacities - Panel (OSB, Fibreboard ρk≥380 kg/m3) on Timber C24 dep			
	Rax.k.13[kl		v.90.k.22[kN]	Rax.k.18
WSV44E	2.03		0.93	-
WSV51E	2.42		1	2.23
WSV64E	2.42		1.61	2.42
WSV76E	2.42		1.61	2.42

Panel to Timber Characteristic Capacities
See full table online ➡️

Technical Sheet

WSV
Wood Flooring Screw

Plywood to Timber Characteristic Capacities

Reference	Screw Loads					
	Product characteristic capacities - Plywood (ρk≥490 kg/m3) on					
	Rax.k.10[kN]				v.90.k.18[kN]	Rax.k.22
WSV44E	2.03				0.94	-
WSV51E	2.5				0.94	-
WSV64E	2.96				1.68	-
WSV76E	2.96				1.68	2.96

Plywood to Timber Characteristic Capacities
See full table online ➡️

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