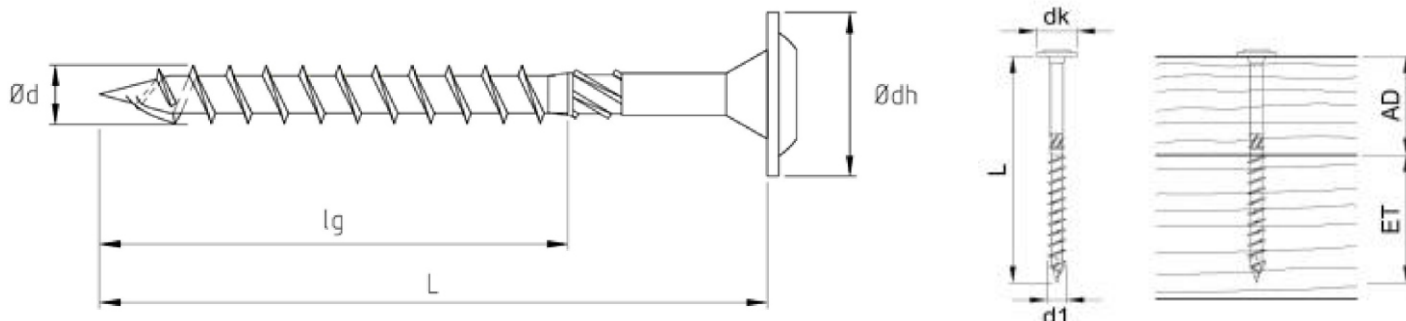




MASTERBUILD

TECHNICAL DATA



Description d1 x L	dk	AD	ET
6,0 mm x 120 mm	14,50 - 16,00	60,00	60,00
6,0 mm x 140 mm	14,50 - 16,00	60,00	80,00
6,0 mm x 160 mm	14,50 - 16,00	75,00	85,00
8,0 mm x 100 mm	20,50 - 22,50	40,00	60,00

TESTING DATA PROVIDED BY

The MasterBuild screws are manufactured in a facility that has passed rigorous tests conducted by SZU Test, an internationally respected authority in fastener testing and certification. These tests include comprehensive assessments at ambient temperatures, hardness tests, tensile and compression tests, and torsional tests, ensuring the screws meet the highest standards of strength and durability.

Product	Characteristic yield moment $M_{y,k}$ [Nmm]		Characteristic withdraw parameter $f_{ax,k}$ [Nmm ²]		Characteristic head pull-through parameter $f_{head,k}$ [Nmm ²]	Characteristic tensile capacity $f_{tens,k}$ [kN]	Characteristic torsional ratio
	thread section	smooth section	perpendicular to the grain	parallel to the grain	-	-	-
Screw Ø 6,0 mm	13 131	16 649	14,87	10,87	22,50 csk head	11,40	3,07
Screw Ø 8,0 mm	25 377	40 869	13,17	10,02	21,45 csk head	25,13	3,99
Characteristic density of wood ρ_k [kg/m ³]	-		350		350	-	450
Durability (i.e. corrosion protection)	zinc plating, min. 5 µm (European Service Class 1 and 2 acc. to EN 1995-1-1)					South African Service Classes 1, 2 & 3	

screw
PRO



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