

ARW 0 CSG 6,4/7,0xL

SANDWICH PANELS SCREWS



PRODUCT CHARACTERISTICS

Self-tapping screws with double thread, made of hardened carbon steel, with hexagon head and with mounted steel or aluminium washer with EPDM attached.

HEXAGONAL HEAD SIZE	8 mm
MATERIAL OF SUPPORTING STRUCTURE	wood
MIN. ANCHORAGE DEPTH IN SUPPORTING STRUCTURE (h)	min. 20 mm (without sleeve, wood)
POSSIBILITY OF PAINTING	YES
PAINT COATING THICKNESS	ok. 50 µm
RECOMMENDED SCREWDRIVER SPEED	1000 obr/min
RECOMMENDED TIGHTENING TORQUE	5 Nm

SCREW SIZE AND OTHER UTILITY DATA

AVAILABLE SIZES dxL [mm]	MTmin [mm]	Mtmax [mm]	MATERIAL	TYPE OF ANTICORROSION COATING	USED WASHERS
6,4/7,0x100	40	56	carbon steel	*CS *CSG *CSE	19ZN, 19AL
6,4/7,0x120	60	76			
6,4/7,0x140	80	96			
6,4/7,0x160	100	116			
6,4/7,0x190	130	146			
6,4/7,0x210	150	166			
6,4/7,0x240	180	196			
6,4/7,0x260	200	216			

CS - carbon steel coated with zinc coating with a minimum thickness of 12 microns (optionally 24 microns)

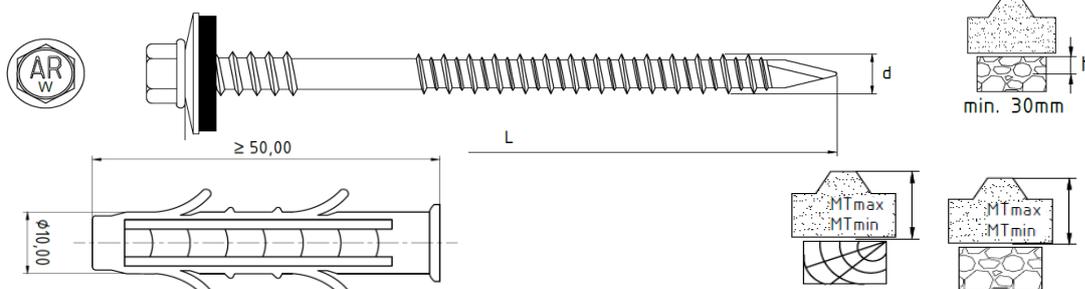
CSG - carbon steel coated with zinc coating with a minimum thickness of 5 microns with additional Eco-GrePert ceramic coating (**CORROSION RESISTANCE UP TO C4 CATEGORY**)

CSE - carbon steel with EsC coating (**CORROSION RESISTANCE UP TO C4 CATEGORY**)

ZN - galvanized carbon steel, AL - aluminium

MTmin - minimum thickness of the fixed elements

Mtmax - maximum thickness of the fixed elements including thickness of supporting structure



SELECTED CHARACTERISTIC RESISTANCES PER SHEAR *

**a) wood substrate,
19AL. washer**

Thickness of facing of SP [mm]	Characteristic resistance [kN]	
	Effective anchorage depth [mm]	
	≥30,00	≥ 40,00
0,40	0,64	0,64
0,50	1,17	1,17
0,63	1,57	1,57
0,75	1,81	1,81
1,00	1,81	1,81

SELECTED CHARACTERISTIC RESISTANCES PER PULL-OUT *

**a) wood substrate,
19AL. washer**

Thickness of facing of SP [mm]	Characteristic resistance [kN]	
	Effective anchorage depth [mm]	
	≥30,00	≥ 40,00
0,40	2,19	2,19
0,50	2,51	3,03
0,63	2,51	3,44
0,75	2,51	3,44
1,00	2,51	3,44

** This product data sheet shows only examples of fastenings resistances/displacements. Full information about resistances/displacements for introduced screws are described in the **ETA-19/0586** technical approval.*

PURPOSE AND SCOPE OF USE

Screws designed for fastening sandwich panels to wood.

This product data sheet is for information purposes only and does not constitute an offer within the meaning of Article 66 of the Civil Code par.1