



# AR12PZ W 5,5xL

## ROOFING SCREWS

### PRODUCT CHARACTERISTICS

Self-tapping drilling screws, made of hardened carbon steel, with hexagon head with integrated washer

HEXAGONAL HEAD SIZE	8 mm
MATERIAL OF SUPPORTING STRUCTURE	steel
MIN. THICKNESS OF SUPPORTING STRUCTURE (T min)	4 mm
DRILLING CAPACITY (DC)	12 mm
POSSIBILITY OF PAINTING	YES
PAINT COATING THICKNESS	approx. 50 µm
RECOMMENDED SCREWDRIVER SPEED	about 1500 rev/min
RECOMMENDED TIGHTENING TORQUE	about 5 Nm

### SCREW SIZE AND OTHER UTILITY DATA

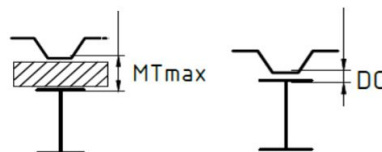
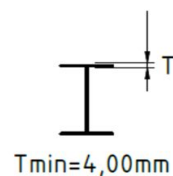
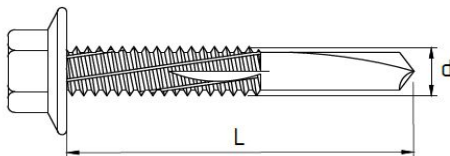
AVAILABLE SIZES dxL [mm]	MTmax [mm]	MATERIAL	TYPE OF ANTICORROSION COATING
5,5x35	14	carbon steel	*CS *CSG *CSE

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**)

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



**SELECTED CHARACTERISTIC RESISTANCES PER SHEAR \***

Characteristic resistance [kN]				
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]			
	4,00	6,00	8,00	10,00
0,50	1,32	1,32	1,32	1,32
0,63	1,45	1,45	1,45	1,45
0,75	1,88	1,88	1,88	1,88
0,88	2,28	2,28	2,28	2,28
1,00	2,74	2,74	2,74	2,74

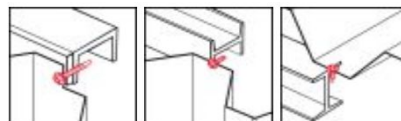
**SELECTED CHARACTERISTIC RESISTANCES PER PULL-OUT \***

Characteristic resistance [kN]				
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]			
	4,00	6,00	8,00	10,00
0,50	2,69	2,69	2,69	2,69
0,63	3,66	3,66	3,66	3,66
0,75	4,23	4,23	4,23	4,23
0,88	4,23	4,23	4,23	4,23
1,00	4,81	4,81	4,81	4,81

*\* This product data sheet shows only examples of fastenings resistances. Full information about resistances for introduced screws are described in the **ETA-18/0789** technical approval*

**PURPOSE AND SCOPE OF USE**

Screws for fixing steel sheets  
to hot-rolled steel structures  
in responsible applications



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

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**ETA-18/0789**



ITB-0569/Z

