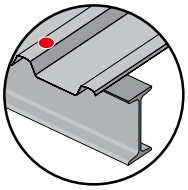
EJOT Corremaks®
Self-tapping screw JZ1-6,3xL

The EJOT Corremaks® self-tapping screws are especially suitable for fixing profiled steel sheet to steel substrate in highly corrosive environments.



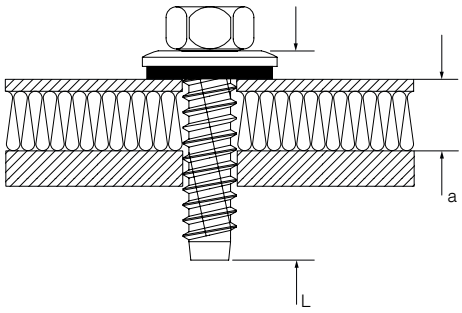
Application range:
- For fixing profiled steel sheet to steel substrate in highly corrosive environments

Characteristics:
- A5 stainless steel 1.4529
- Stainless steel sealing washer
- Pre-assembled sealing washer
- Highest corrosion protection class

Technical data:
Approval ETA-10/0200
Drive ..... hexagon A/F 3/8“

Practical advice:
The EJOT Corremaks® self-tapping screw is made of the very corrosion resistant material 1.4529 (A5). It is building authorities approved for fixing trapezoidal steel profiles to steel substructures (JZ 1) and wood (JA 1).
The material meets the requirements according to approval Z-30.3-6 for use as a fastening element in swimming halls and tunnels, with a high exposure to corrosion due to chlorine, chloride, sulphur dioxide and preconcentration of harmful substances.

For self-tapping fasteners without drill point the cylindrical part of the screw has to be installed at least 6 mm deep into the load-bearing component. In practice 20 mm are added to the sum of the thickness of all components that are fastened onto the substructure. The result is the minimum screw length of a self-tapping screw under consideration of sealing washer and uneven installation surface.

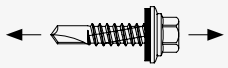


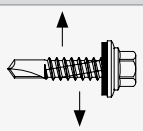
Self-tapping screw
L = a + 20 mm

Coarse thread with point (JA)

Fine pitch thread with dog point (JZ)

EJOT® Corremaks Self-tapping screw JZ1-6.3xL

Minimum tensile strength of the screw	
	
Ø mm	kN
6.3	13.0

Minimum shear strength of the screw	
	
Ø mm	kN
6.3	10.0

For further information and additional data please see the respective approvals at www.ejot.com

Component $t_{N,II}$ [mm]		1.25	1.50	2.00	3.00	4.00	6.00	>7.00
Pre-drilling diameter d_{pd} [mm]		5.00		5.30			5.50	5.70
Tightening torque $M_{t,nom}$		5 Nm						
Characteristic transverse tensile strength $V_{R,k}$ [kN] for component $t_{N,I}$ [mm]	0.50	–	–	–	–	–	–	–
	0.55	–	–	–	–	–	–	–
	0.63	2.50	2.70	2.90	3.00	3.10	3.10	3.10
	0.75	2.60	3.10	3.30	3.60	3.70	3.70	3.70
	0.88	2.80	3.20	3.80	4.10	4.30	4.40	4.40
	1.00	3.20	3.60	4.10	4.80	4.90	5.10	5.10
	1.13	3.40	4.00	4.60	5.40	5.60	5.80	5.80
	1.25	3.60	4.20	5.00	6.10	6.30	6.50	6.50
	1.50	3.70	4.40	5.70	6.80	7.10	7.30	7.30
	1.75	3.70	4.70	6.20	7.60	7.70	8.10	8.10
	2.00	5.00	6.50	8.80	10.30	10.60	11.30	11.30
Characteristic pull-out strength $N_{R,k}$ [kN] for component $t_{N,I}$ [mm]	0.50	0.97	1.35	1.51	1.51	1.51	1.51	1.51
	0.55	1.23	1.71	1.91	1.91	1.91	1.91	1.91
	0.63	1.80	2.50	2.80	2.80	2.80	2.80	2.80
	0.75	2.00	2.60	3.10	3.60	3.60	3.60	3.60
	0.88	2.00	2.70	3.30	3.80	3.80	3.80	3.80
	1.00	2.00	2.70	3.40	4.00	4.00	4.00	4.00
	1.13	2.00	2.70	3.60	4.40	4.40	4.40	4.40
	1.25	2.00	2.70	3.60	4.80	4.90	4.90	4.90
	1.50	2.00	2.70	3.60	5.60	5.90	5.90	5.90
	1.75	2.00	2.70	3.60	5.80	6.90	7.10	7.10
	2.00	2.00	2.70	3.60	6.00	7.30	7.60	7.60

ETA-10/0200, appendix 41
Component I: S280GD, S320GD or S350GD – EN 10346
Component II: S235 – EN 10025-1; S280GD, S320GD or S350GD – EN 10346

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