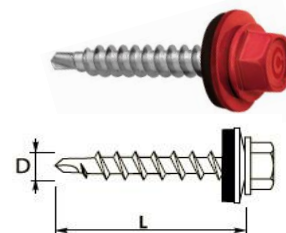


G

FARMER SCREWS WITH ALUMINUM WASHER

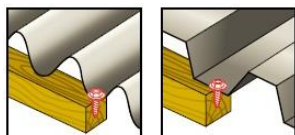


PRODUCT DESCRIPTION


Self-drilling and tapping carbon steel screws, surface-hardened, electrogalvanized, with reduced drilling point, thread for wood and hex head, with integrated aluminium washer with vulcanized EPDM.

APPLICATION

Designed for fastening profiled metal sheets to wooden structures. Protected with paint coating - polyester thickness not less than 50 µm, intended for environments with corrosivity classes C1, C2 and C3 according to PN-EN ISO 12944-2: 2001 standard. Galvanized without paint coating intended for use in environments with atmospheric corrosivity categories C1, C2.



LENGTH OF SCREWS

Fastener type		Dimensions D x L [mm]	Maximum drill capacity [mm]	Maximum thickness of fixed elements [mm]
			DC	MTmax
G	A14	4,8 x 28	2 x 1,00	5
G	A14	4,8 X 35	2 x 1,00	12
G	A14	4,8 X 60	2 x 1,00	37
G	A14	4,8 X 80	2 x 1,00	57

The working length of the fastener is calculated from the maximum thickness of the DC substrate

NATIONAL TECHNICAL ASSESSMENT ITB-KOT-2018/060

TYPICAL BEARING CAPACITY OF SHEAR AND PULL-OUT FIXINGS FROM WOOD SUBSTRATE

Thickness of substrate ¹⁾ in [mm]		0,50	0,55	0,63	0,75	0,88	1,00	Wood class ≥ C24	
Mt,nom		3 [Nm]							
Characteristic bearing capacity	For shear VR,k [kN]	0,50	-	-	-	-	-	-	1,11
		0,55	-	-	-	-	-	-	1,11
		0,63	-	-	-	-	-	-	1,45
		0,75	-	-	-	-	-	-	1,49
		0,88	-	-	-	-	-	-	1,49
		1,00	-	-	-	-	-	-	1,49
	For pull-out NR,k [kN]	0,50	-	-	-	-	-	-	2,78
		0,55	-	-	-	-	-	-	2,78
		0,63	-	-	-	-	-	-	4,51
		0,75	-	-	-	-	-	-	4,51
		0,88	-	-	-	-	-	-	4,51
		1,00	-	-	-	-	-	-	4,51

1) steel grade S280GD, S320GD or S350GD according to PN-EN 10346:2015

EUROPEAN TECHNICAL APPROVAL ETA-12/0580

TYPICAL BEARING CAPACITY OF SHEAR FASTENERS

tN,II* [mm]	0,50	0,55	0,63	0,75	0,88	1,00	Wood class \geq C24
VR,k [kN] for tN,I* [mm]	0,50	-	-	-	-	-	1,11
	0,55	-	-	-	-	-	1,11
	0,63	-	-	-	-	-	1,45
	0,75	-	-	-	-	-	1,49
	0,88	-	-	-	-	-	1,49
	1,00	-	-	-	-	-	1,49

CHARACTERISTIC LOAD CAPACITY OF PULL-OUT FIXINGS FROM WOOD SUBSTRATE

tN,II* [mm]	0,50	0,55	0,63	0,75	0,88	1,00	Wood class \geq C24
NR,k [kN] for tN,I* [mm]	0,50	-	-	-	-	-	2,78
	0,55	-	-	-	-	-	2,78
	0,63	-	-	-	-	-	4,51
	0,75	-	-	-	-	-	4,51
	0,88	-	-	-	-	-	4,51
	1,00	-	-	-	-	-	4,51

OTHER FEATURES

BASE MATERIAL:	WOOD
SIZE OF HEX HEAD:	8 mm
MINIMUM THICKNESS OF STEEL BASE:	2 x 0,50 mm
MAXIMUM CAPACITY OF DRILLING:	2 x 1,00 mm
THICKNESS OF ZINC COATING:	20 µm
CORROSIVE ENVIRONMENT:	PAINTED - C3 UNPAINTED - C2
POSSIBILITY OF PAINTING:	YES
PAINT COATING THICKNESS:	50 µm
TIGHTENING TORQUE:	3 Nm
RECOMMENDED ROTARY SPEED (IDLE):	1800 rpm
DIAMETER OF ALUMINUM WASHER A14	14 mm



ETA



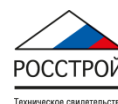
DWU/DoP



KDWU



ZKP



РОССТРОЙ
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TC



POCC



SZU