



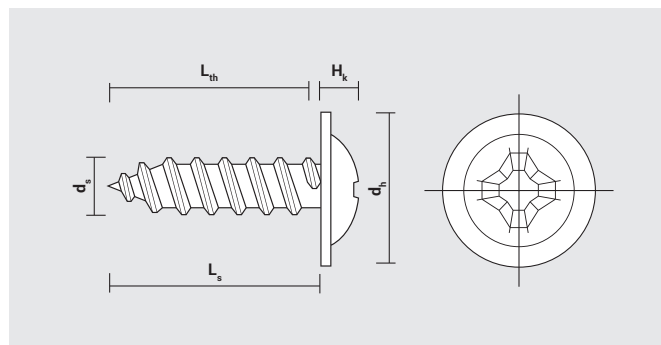
Features

- Pan head self-tapping screw with captive washer and Type C point.
- For assembly in oversized holes.

Certificates and approvals



Main dimensions



Material

- Carbon steel.

d_s [mm]	L_s [mm]	L_{th} [mm]	d_h [mm]	H_k [mm]	Recess
3.9	9.5	T	10.25	2.4	PH2
3.9	13	T	10.25	2.4	PH2
3.9	16	T	10.25	2.4	PH2
3.9	19	T	10.25	2.4	PH2
3.9	25	T	10.25	2.4	PH2
4.2	9.5	T	11.05	2.8	PH2
4.2	13	T	11.05	2.8	PH2
4.2	16	T	11.05	2.8	PH2
4.2	19	T	11.05	2.8	PH2
4.2	22	T	11.05	2.8	PH2
4.2	25	T	11.05	2.8	PH2
4.2	32	T	11.05	2.8	PH2
4.8	13	T	11.75	3.1	PH2
4.8	16	T	11.75	3.1	PH2
4.8	19	T	11.75	3.1	PH2
4.8	22	T	11.75	3.1	PH2
4.8	25	T	11.75	3.1	PH2
4.8	32	T	11.75	3.1	PH2
4.8	38	T	11.75	3.1	PH2

T: Total thread length

Base material

- Carbon steel screws are suitable for installation in steel, aluminum, and other light alloys.

Mechanical properties

$\emptyset$ [mm]	Minimum failure torque [kg-cm]	Maximum recommended tightening torque [kg-cm]	Ultimate tensile load [kN] ⁽¹⁾	Ultimate shear load [kN] ⁽¹⁾	Installation speed [rpm]
3.9	34	27	5.21	3.13	≤400
4.2	45	36	5.91	3.55	
4.8	65	52	7.99	4.80	

⁽¹⁾ Load values without safety factor.

Coating

- Zinc plated.
- Black zinc plated.

Installation procedure

1. Drill a pilot hole with the recommended Ø in the steel or aluminum sheet.
2. Insert the screw at 400 rpm without exceeding the maximum recommended torque.

Nominal diameter	According to ISO 1478	More than	Less than	Ø Steel	Ø Aluminium
3,9	N. 7	0	0.5	2.9	-
		0.5	0.6	2.9	-
		0.6	0.9	2.9	2.9
		0.9	1.1	2.9	2.9
		1.1	1.2	3	2.9
		1.2	1.4	3	2.9
		1.5	1.7	3.2	3
		1.8	2	3.2	3.5
		2	2.5	3.5	3.5
		2.5	3.5	3.6	3.5
4,2	N. 8	0	0.5	-	-
		0.5	0.6	3.2	-
		0.6	0.9	3.2	2.9
		0.9	1.1	3.2	3
		1.2	1.4	3.3	3.2
		1.5	2.5	3.5	3.5
		2.5	3	3.8	3.7
		3	3.5	3.9	2.8
		3.5	10	-	3.9
		0	0.5	-	-
4,8	N. 10	0.5	0.7	3.7	-
		0.8	1.1	3.7	3.7
		1.2	1.4	3.9	3.7
		1.5	1.7	3.9	3.7
		1.8	2.5	4	3.8
		2.5	3	4.1	3.8
		3	3.5	4.3	3.9
		3.5	4	4.4	3.9
		4	4.7	4.4	4
		4.8	10	-	4.2