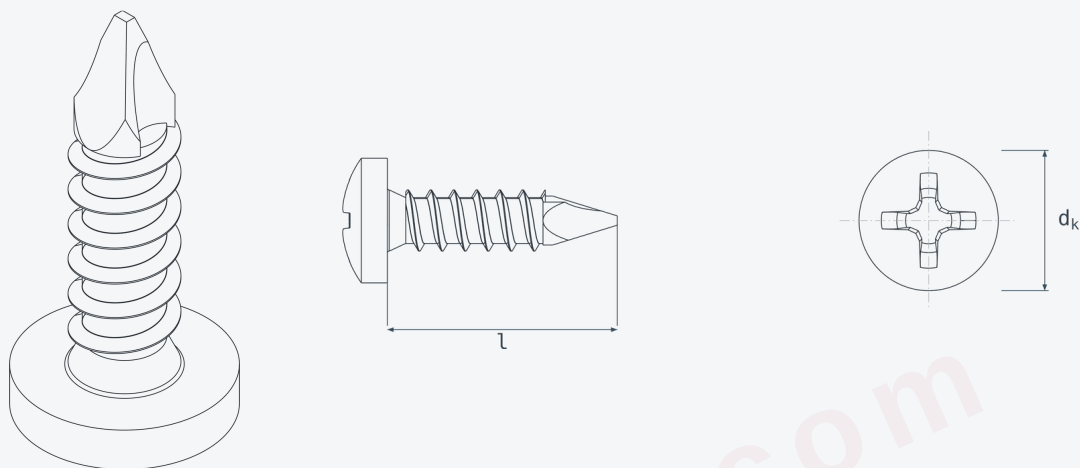


ISO 15481 Phillips Pan Head Self-Drilling Screw



STANDARD

ISO 15481 Cross-recessed pan head drilling screws with tapping screw thread

THREAD

Tapping screw thread (ST) per ISO 1478

SIZES

ST2.9 - ST6.3 · lengths 9.5 – 50 mm

MATERIAL

Stainless Steel, Carbon Steel

SURFACE

Passivated, Plain, Zinc Plated, Dacromet, Ruspert, Phosphate

Dimensions follow the standard named on this sheet. Material properties and batch test results come with the order's certificate or test report.

BASIS OF SPECIFICATION

DIMENSIONS

ISO 15481:1999

CARBON STEEL / ALLOY STEEL

ISO 2702:2022

STAINLESS STEEL

ISO 3506-4:2025

PRODUCT GRADE

A

THREAD LENGTH

to be agreed

MINIMUM USABLE THREAD LENGTH

to be agreed

Email: sales@taurusfix.com

Web: taurusfix.com

DIMENSIONS

mm · ISO 15481

d	P	a _{max}	da _{max}	dk	dk _{min}	k _{nom.}	k _{min}	r _{min}	rf _{ref}	Recess Number	m _{ref}	Type H Penetration _{max}	Type H Penetration _{min}
ST2.9	1.1	1.1	3.5	5.6	5.3	2.4	2.15	0.1	5	1	3	1.8	1.4
ST3.5	1.3	1.3	4.1	7	6.64	2.6	2.35	0.1	6	2	3.9	1.9	1.4
ST4.2	1.4	1.4	4.9	8	7.64	3.1	2.8	0.2	6.5	2	4.4	2.4	1.9
ST4.8	1.6	1.6	5.6	9.5	9.14	3.7	3.4	0.2	8	2	4.9	2.9	2.4
ST5.5	1.8	1.8	6.3	11	10.57	4	3.7	0.25	9	3	6.4	3.1	2.6
ST6.3	1.8	1.8	7.3	12	11.57	4.6	4.3	0.25	10	3	6.9	3.6	3.1

d	m _{ref}	Type Z Penetration _{max}	Type Z Penetration _{min}	Drilling Capacity _{min}	Drilling Capacity _{max}
ST2.9	3	1.75	1.45	0.7	1.9
ST3.5	4	1.9	1.5	0.7	2.25
ST4.2	4.4	2.35	1.95	1.75	3
ST4.8	4.8	2.75	2.3	1.75	4.4
ST5.5	6.2	3	2.55	1.75	5.25
ST6.3	6.8	3.5	3.05	2	6

P thread pitch a thread runout da underhead diameter dk head diameter k nominal head height r radius rf head radius m type h recess width

MARKING

Carbon steel / Alloy steel: head marking to ISO 2702:2022.

Stainless steel: head marking to ISO 3506-4:2025.

Marking requirements are set by the material standard named above.

Confirm the ordered property class before production.

DOCUMENTS

EN 10204 3.1 material certificate, dimensional inspection report and mechanical test report, on request.