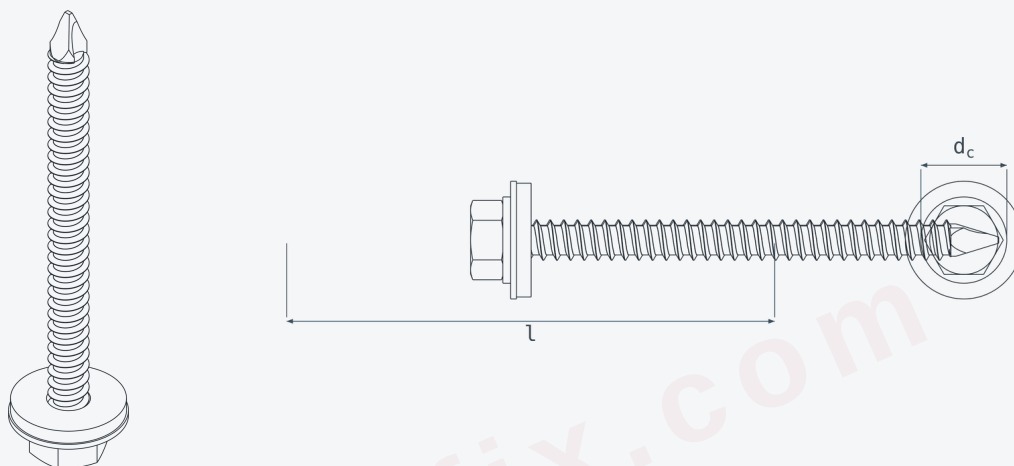


DIN 7504 K Hex Washer Head Self-Drilling Screw with EPDM Washer



STANDARD

DIN 7504 K Self-Drilling Screw, Hexagon Washer Head · withdrawn

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

DIN 7504 K is a withdrawn legacy standard; the current standard for this product is ISO 15480. This sheet follows DIN 7504 K. The two can differ in some dimensions; our website compares them size by size.

BASIS OF SPECIFICATION

CARBON STEEL / ALLOY STEEL

ISO 2702:2022

THREAD LENGTH

to be agreed

STAINLESS STEEL

ISO 3506-4:2025

MINIMUM USABLE THREAD LENGTH

to be agreed

DIMENSIONS EDITION

to be agreed

PRODUCT GRADE

to be agreed

LENGTH TOLERANCE

to be agreed

DIMENSIONS

mm · DIN 7504 K

d	P	a _{max}	c _{min}	dc	dc _{min}	e _{min}	k _{nom.}	k _{min}	kw _{min}	r2 _{max}	s _{max}	s _{min}	t _{min}	t _{max}
ST2.9	1.1	1.1	0.4	6.3	5.8	4.28	2.8	2.5	1.3	0.2	4	3.82	0.7	1.9
ST3.5	1.3	1.3	0.6	8.3	7.6	5.96	3.4	3	1.5	0.25	5.5	5.32	0.7	2.25
ST3.9	1.3	1.3	0.6	8.3	7.6	5.96	3.4	3	1.5	0.25	5.5	5.32	0.7	2.4
ST4.2	1.4	1.4	0.8	8.8	8.1	7.59	4.1	3.6	1.8	0.3	7	6.78	1.75	3
ST4.8	1.6	1.6	0.9	10.5	9.8	8.71	4.3	3.8	2.2	0.3	8	7.78	1.75	4.4
ST5.5	1.8	1.8	1	11	10	8.71	5.4	4.8	2.7	0.4	8	7.78	1.75	5.25
ST6.3	1.8	1.8	1	13.5	12.2	10.95	5.9	5.3	3.1	0.5	10	9.78	2	6

P thread pitch **a** thread runout **c** washer height **dc** flange diameter **e** width across corners **k** nominal head height **kw** wrenching height **r2** radius r2
s width across flats **t** drilling capacity

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.