

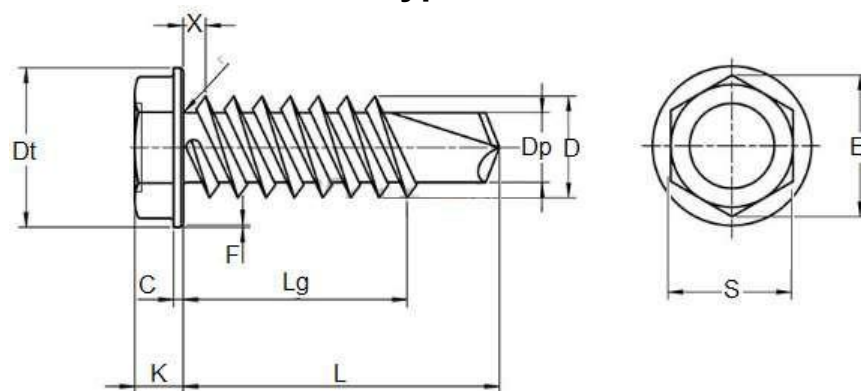


Product Dimensions, Standards and Weights

DIN 7504 / ISO 15480 Technical Specifications

Metric DIN 7504 Self Drilling Screws

Type K



Dimensions of Metric DIN 960 Hex Head Cap Screws / Bolts Part Thread, Fine Thread

Screw thread D		ST3.5	(ST3.9)	ST4.2	ST4.8	ST5.5	ST6.3
C	min.	0.6	0.6	0.9	0.9	1	1
	max.	8.3	8.3	8.8	10.5	11	13.2
Dt	min.	7.6	7.6	8.2	9.8	10	12.2
	approx.	0.4	0.4	0.4	0.5	0.5	0.5
E	min.	5.96	5.96	7.59	8.71	8.71	10.95
K	max.	3.45	3.45	4.25	4.45	5.45	6.45
	min.	3.2	3.2	4	4.15	5.15	6.15
r	max.	0.5	0.5	0.6	0.7	0.8	0.9
S	nominal=max.	5.5	5.5	7	8	8	10
	min.	5.32	5.32	6.78	7.78	7.78	9.78
t	min.	1	1	1.2	1.4	1.6	1.8
	max.	1.4	1.4	1.6	1.8	2	2.2
Drilling range	from	0.7	0.7	1.75	1.75	1.75	2
	to	2.25	2.4	3	4.4	5.25	6
DP	max.	2.8	3.1	3.6	4.1	4.8	5.8



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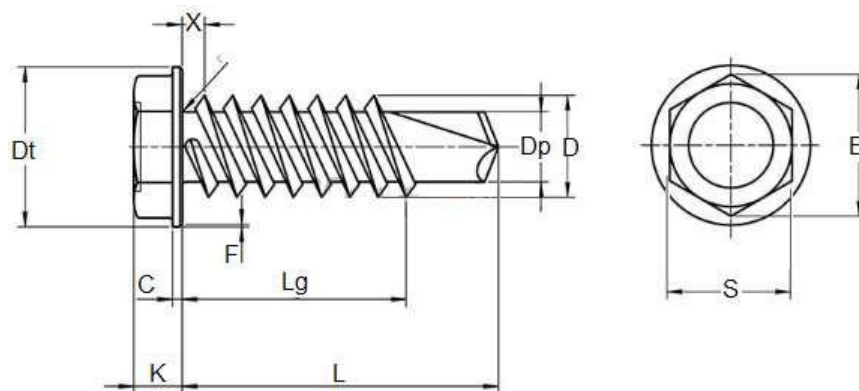
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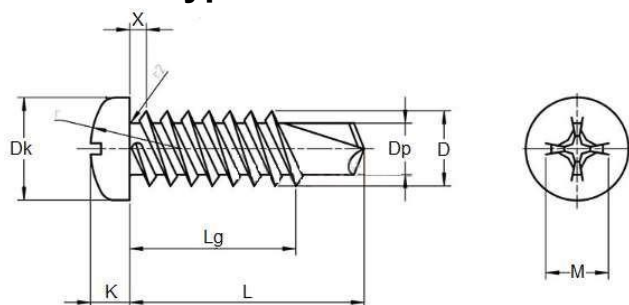
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l			lg					
Nominal	min.	max.	min.					
9.5	8.75	10.25	2.85					
13	12.1	13.9	6.2	5.8	4.3	4.7		
16	15.1	16.9	9.2	8.8	7.3	5.8	5	
19	18	20	12.1	11.7	10.3	8.7	8	7
22	21	23	15.1	14.7	13.3	11.7	11	10
25	24	26	18.1	17.7	16.3	14.7	14	13
32	30.75	33.25		24.5	23	21.5	21	20
38	36.75	39.25		30.5	29	27.5	27	26
45	43.75	46.25				34.5	34	33
50	48.75	51.25				39.5	39	38



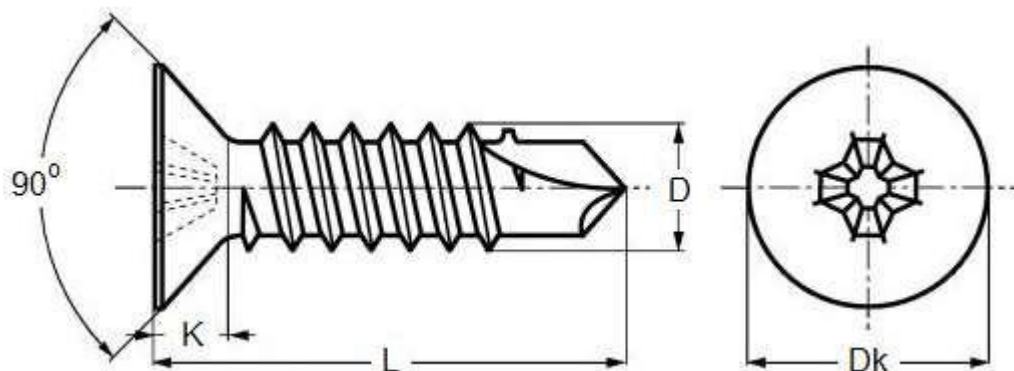
Type M iso 15481



Screw thread D			ST2.9	ST3.5	(ST3.9)	ST4.2	ST4.8	ST5.5	ST6.3
Dk		nominal=max.	5.5	6.8	7.5	8.1	9.5	10.8	12.4
		min.	5.2	6.44	7.14	7.74	9.14	10.37	11.97
K		approx.	1.7	2.1	2.3	2.5	3	3.4	3.8
r		max.	1.1	1.4	1.5	1.6	1.9	2.1	2.4
Cross recess		No.	1	2	2	2	2	3	3
Type H	m	approx.	3	4.2	4.6	4.7	5.1	6.8	7.1
	Penetration depth	min.	1.4	1.62	2.03	2.11	2.59	2.95	3.33
		max.	1.7	2.12	2.53	2.62	3.1	3.53	3.91
Type Z	m	approx.	2.8	4	4.2	4.4	5	6.3	7
	Penetration depth	min.	1.48	1.6	1.85	2.05	2.64	2.72	3.38
		max.	1.73	2.06	2.31	2.51	3.1	3.16	3.84
l			lg						
Nominal	min.	max.	min.						
9.5	8.75	10.25	3.25	2.85					
13	12.1	13.9	6.6	6.2	5.8	4.3	4.7		
16	15.1	16.9	9.6	9.2	8.8	7.3	5.8	5	
19	18	20	12.5	12.1	11.7	10.3	8.7	8	7
22	21	23		15.1	14.7	13.3	11.7	11	10
25	24	26		18.1	17.7	16.3	14.7	14	13
32	30.75	33.25			24.5	23	21.5	21	20
38	36.75	39.25			30.5	29	27.5	27	26
45	43.75	46.25					34.5	34	33
50	48.75	51.25					39.5	39	38



Type O ISO 15482



Screw thread D	ST3.9	ST4.2	ST4.8	ST5.5	ST6.3
Dk	7.5	8.1	9.5	10.9	12.4
K	2.3	2.5	3	3.4	3.8
Phillips	PH	PH	PH	PH	PH
	2	2	2	3	3

Metric DIN 7504 Self Drilling Screws are similar to self tapping sheet metal screws but has a drill point. This arrangement eliminates the need for a pilot hole by simultaneously perforating and forming mating threads in the substrate,. Unique Fasteners offers one of the most complete ranges of metric screws, bolts and other inch and metric industrial fasteners for immediate delivery from stock. The following sizes of metric DIN 7504 Self Drilling Screws are available for immediate shipping from stock: Diameters ranging from 3.5mm to M6.3 and lengths up to 150mm in A2 and marine grade A4 stainless steel. A variety of head styles and drives are available including hex washer head, pan head phillips, pan head pozidriv pan head 6lobe and pan head square drive as well as flat head Phillips, flat head 6-lobe, flat head pozidriv and flat head square drive.

DIN (Deutsches Institut für Normung - German Institute for Standardization) standards are issued for a variety of components including industrial fasteners as Metric DIN 7504 Self Drilling Screws. The DIN standards remain common in Germany, Europe and globally even though the transition to ISO standards is taking place. DIN standards continue to be used for parts which do not have ISO equivalents or for which there is no need for standardization. IN this case the ISO equivalent for DIN 7504 are ISO 15480, 15481 and 15482.