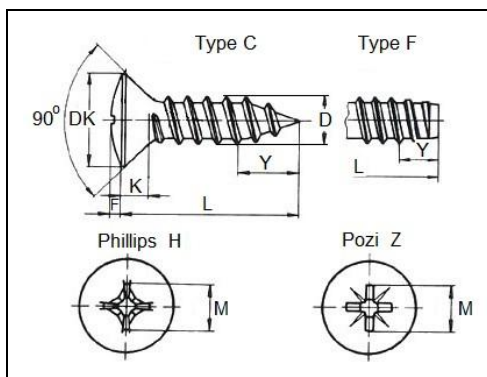




Product Dimensions and Weights

DIN 7983C ISO 7051 Specifications

Metric DIN 7983C Cross recessed (Phillips) Raised Countersunk (Oval) Head Tapping Screws



Thread size			ST2.2	ST2.9	ST3.5	(ST3.9)	ST4.2	ST4.8	ST5.5	ST6.3
P			0.8	1.1	1.3	1.3	1.4	1.6	1.8	1.8
a	max.		0.8	1.1	1.3	1.3	1.4	1.6	1.8	1.8
DK	nominal=max.		4.3	5.5	6.8	7.5	8.1	9.5	10.8	12.4
	min.		4	5.2	6.44	7.14	7.74	9.14	10.37	11.97
F	approx.		0.7	0.9	1.2	1.3	1.4	1.5	1.7	2
K	approx.		1.3	1.7	2.1	2.3	2.5	3	3.4	3.8
r	max.		0.8	1.1	1.4	1.5	1.6	1.9	2.1	2.4
rf	approx.		3.8	4.6	5.4	6	6.6	8.2	9.4	11.1
Cross recess		No.	1	1	2	2	2	2	3	3
Type H	M	approx.	2.8	3.4	4.6	4.7	4.9	5.4	7	7.4
	Penetration depth	min.	1.17	1.81	1.89	2.04	2.24	2.7	3.02	3.46
		max.	1.57	2.21	2.39	2.54	2.74	3.2	3.53	3.96
Type Z	M	approx.	2.4	3.1	4.3	4.4	4.6	5.1	6.6	7.1
	Penetration depth	min.	1.1	1.83	1.88	2	2.26	2.69	2.92	3.4
		max.	1.35	2.08	2.34	2.46	2.72	3.15	3.38	3.86
Y	max.	Type C	2	2.6	3.2	3.5	3.7	4.3	5	6
		Type F	1.6	2.1	2.5	2.7	2.8	3.2	3.6	3.6

All measurements are in mm



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Metric DIN 7983C is a cross recessed (Phillips) raised countersunk (oval) head tapping screws. These screws are designed to cut threads into pre-drilled untapped holes of the substrate into which they are screwed. The recommended pilot hole sizes vary depending on the diameter of the screw to be used and thickness of the substrate material. These screws are available in zinc plated steel as well as stainless steel A2 and A4. Metric DIN 7983C cross recessed (Phillips) raised countersunk (oval) head tapping screws are fully threaded with a coarse thread and a gimlet point. Recommended to be used in thin gauge sheet metal, resinous plywood, and composite materials. Flat countersunk heads have a flat top surface and a cone-shaped bearing surface with a head angle of approximately 90°. They are used for applications where the head must be flush with the mating surface of the substrate. Unique Fasteners offers over 500,000 unique fastener products from stock in inch and metric standard in a variety of materials and finishes. The following sizes metric DIN 7983C cross recessed (Phillips) raised countersunk (oval) head tapping screws are available for immediate shipping from stock: Diameters ranging from M2.2 to M6.3 up to 38mm long in zinc plated steel and stainless steel A2 and A4.

L	Type C		Type F		Weight kg/1000pcs							
nominal	min.	max.	min.	max.								
6.5	5.7	7.3	5.7	6.5	0.18	0.332						
9.5	8.7	10.3	8.7	9.5	0.24	0.44	0.721	0.888	1.07	1.53		
13	12.2	13.8	12.2	13	0.31	0.566	0.898	1.11	1.32	1.88	2.74	3.46
16	15.2	16.8	15.2	16	0.37	0.674	1.05	1.3	1.53	2.18	3.12	4
19	18.2	19.8	18.2	19		0.782	1.2	1.49	1.74	2.48	3.51	4.54
22	21.2	22.8	20.7	22			1.35	1.68	1.95	2.78	3.89	5.08
25	24.2	25.8	23.7	25			1.51	1.87	2.16	3.08	4.28	5.62
32	30.7	33.3	30.7	32					2.65	3.78	5.19	6.88
38	36.7	39.3	36.7	38							5.97	7.96
38	36.7	39.3	36.7	38						4.52	6.45	8.82

DIN (Deutsches Institut für Normung - German Institute for Standardization) standards are issued for a variety of components including industrial fasteners as metric DIN 7983C cross recessed (Phillips) raised countersunk (oval) head tapping 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. The ISO equivalent of a metric DIN 7983C cross recessed (Phillips) raised countersunk (oval) head tapping screws is ISO 7051.