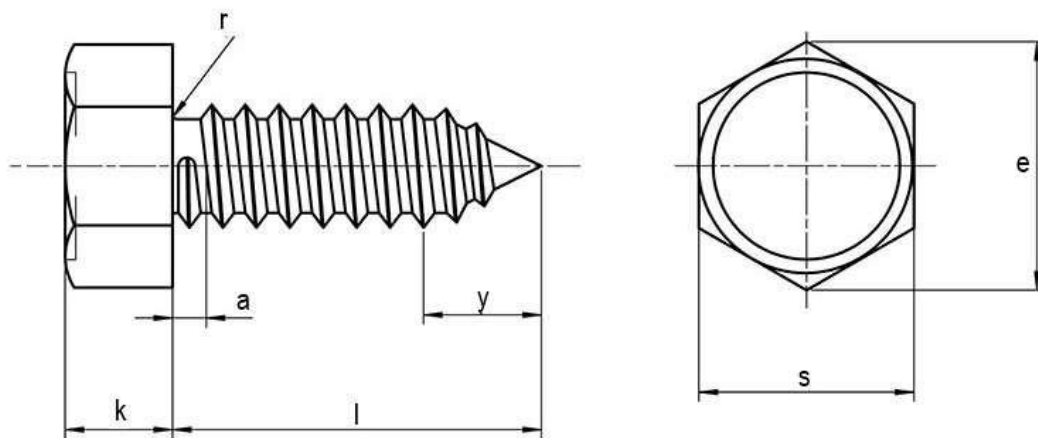




Product Dimensions and Weights

DIN 7976 / ISO 1479 Specifications

Metric DIN 7976 Hexagon Head Tapping Screws



Thread size		2.2	2.9	3.5	(3.9)	4.2	4.8	(5.5)	6.3	(8)
P		0.8	1.1	1.3	1.3	1.4	1.6	1.8	1.8	2.1
a	max.	0.8	1.1	1.3	1.3	1.4	1.6	1.8	1.8	2.1
e	min.	3.38	5.4	5.95	7.59	7.59	8.71	8.71	10.95	14.26
k	nominal	1.3	1.5	2.3	2.3	2.8	3	4	4.8	5.8
	min.	1.18	1.38	2.18	2.18	2.68	2.88	3.85	4.65	5.65
	max.	1.42	1.62	2.42	2.42	2.92	3.12	4.15	4.95	5.95
r	max.	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1.1
s	nominal=max.	3.2	5	5.5	7	7	8	8	10	13
	min.	3.02	4.82	5.32	6.78	6.78	7.78	7.78	9.78	12.73
y max.		2	2.6	3.2	3.5	3.7	4.3	5	6	7.5

All measurements are in mm



Metric DIN 7976 hexagon head self-tapping sheet metal 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 7976 hexagon head self-tapping sheet metal screws are fully threaded with a coarse thread and a gimlet point (Type C). Recommended to be used in thin gauge sheet metal, resinous plywood, and composite materials. The hex head is an indented top surface with six flat sides in a hexagonal shape with a flat bearing surface below. The hex head is available with or without a slotted drive. It is preferred where higher tightening torque levels are required and a protruding head is acceptable. Often used in high volume assemblies for ease of use.

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 7976 hexagon head self-tapping sheet metal screws are available for immediate shipping from stock: Diameters ranging from M2.2 to M8 up to 38mm long in zinc plated steel and stainless steel A2 and A4.

Thread size					2.2	2.9	3.5	(3.9)	4.2	4.8	(5.5)	6.3	(8)
I	Type C		Type F		Weight kg/1000 pcs								
nominal	min.	max.	min.	max.									
4.5	3.7	5.3	3.7	4.5	0.13								
6.5	5.7	7.3	5.7	6.5	0.17	0.32							
9.5	8.7	10.3	8.7	9.5	0.23	0.43	0.74	1.08	1.29	1.68			
13	12.2	13.8	12.2	13	0.31	0.55	0.92	1.29	1.54	2.02	2.72	4.25	
16	15.2	16.8	15.2	16		0.66	1.08	1.48	1.76	2.32	3.09	4.77	8.5
19	18.2	19.8	18.2	19		0.76	1.23	1.67	1.97	2.61	3.48	5.29	9.4
22	21.2	22.8	20.7	22			1.38	1.87	2.19	2.89	3.86	5.82	10.3
25	24.2	25.8	23.7	25			1.54	2.06	2.4	3.19	4.25	6.35	11.2
32	30.7	33.3	30.7	32					2.91	3.88	5.14	7.57	13.3
38	36.7	39.3	36.7	38						4.46	5.9	8.63	15.1
45	43.7	46.3	43.5	45						5.16	6.81	9.89	17.2
50	48.7	51.3	48.5	50						5.66	7.46	10.8	18.7

DIN (Deutsches Institut für Normung - German Institute for Standardization) standards are issued for a variety of components including industrial fasteners as metric DIN 7976 hexagon head self-tapping sheet metal 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 7976 hexagon head self-tapping sheet metal screws is ISO 1479.