

Screw Thread		M6	M8	M10	M12	M16	M20	M24	M30	M36	M42	M48	M56
d													
<b>P</b>	Pitch (Coarse thread)	1	1.25	1.5	1.75	2	2.5	3	3.5	4	4.5	5	5.5
	Pitch (Fine thread)	-	-	-	-	-	2	2	2	3	3	3	3
<b>a</b>	max	3	3.75	4.5	5.25	6	7.5	9	10.5	12	13.5	15	16.5
<b>d<sub>a</sub></b>	max	6.8	9.2	11.2	13.7	17.7	22.4	26.4	33.4	39.4	45.6	52.6	63
<b>d<sub>p</sub></b>	max=nominal size	4	5.5	7	8.5	12	15	18	23	28	32	38	45
	min	3.82	5.32	6.78	8.28	11.73	14.73	17.73	22.67	27.67	31.61	37.61	44.61
<b>e</b>	min	8.79	11.05	14.38	17.77	19.92	26.75	33.53	39.98	51.28	61.31	72.61	83.91
<b>k</b>	nominal size	5	6	7	9	11	14	17	21	25	30	34	40
	min	4.85	5.85	6.82	8.82	10.79	13.79	16.79	20.74	24.74	29.74	33.69	39.69
	max	5.15	6.15	7.18	9.18	11.21	14.21	17.21	21.26	25.26	30.26	34.31	40.31
<b>k<sub>w</sub></b>	min	3.4	4.1	4.8	6.2	7.6	9.7	11.8	14.5	17.3	20.8	23.6	27.8
<b>s</b>	max=nominal size	8	10	13	16	18	24	30	36	46	55	65	75
	min	7.78	9.78	12.73	15.73	17.73	23.67	29.67	35.38	45.38	54.26	64.26	74.26
<b>z</b>	min=nominal size	3	4	5	6	8	10	12	15	18	21	24	28
	max	3.25	4.3	5.3	6.3	8.36	10.36	12.43	15.43	18.43	21.52	24.52	28.52

①,Material:

a)Steel, Property class(material): 14H, 22H Standard DIN ISO 898-5;

b)Stainless steel, Property class(material): A2-50 Standard DIN ISO 3506;

c)Non-ferrous metal, Property class(material): CuZn=CU2 or CU3 Standard DIN EN 28839, at the choice of the manufacturer