

Thread Size d			M4	M5	M6	M8	M10	M12	M14	M16	M18	M20
P	Pitch	Coarse thread	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5
		Fine Thread-1	/	/	/	1	1	1.25	1.5	1.5	1.5	1.5
		Fine thread-2	/	/	/	/	1.25	1.5	/	/	2	2
b	Ref.		35	40	50	65	80	80	80	80	80	80
d _c	max=nominal size		7.88	8.88	10.88	13.73	16.83	18.83	21.93	25.09	28.04	31.09
d _s	max		4	5	6	8	10	12	14	16	18	20
	min		3.82	4.82	5.82	7.78	9.78	11.73	13.73	15.73	17.73	19.67
d _t	Nominal Size		4.6	5.55	7.3	9.2	10.95	12.65	16.4	18.15	21.85	21.85
k	max=nominal size		4.5	5.5	6.5	8.2	10	12	14	16	18	20
	min		4.25	5.25	6.25	7.95	9.75	11.75	13.75	15.75	17.75	19.75
c	min		1.05	1.45	1.55	2.25	2.95	3.60	3.90	4.80	4.90	6.20
	max		1.30	1.70	1.80	2.50	3.20	3.90	4.20	5.10	5.20	6.50
k ₁	min		1.19	1.25	1.7	2.08	2.54	3.28	3.99	4.34	5.89	5.89
Outside hexagon size			E5	E6	E8	E10	E12	E14	E18	E20	E24	E24

①, ds1 ≈ flank diameter

②, The shortest length commercially available is 2d.

③, Material :

a) Steel, mechanical properties strength class 8.8, 10.9 by DIN EN ISO 898-1

b) Stainless steel , mechanical properties strength class A2-70, A4-70 by DIN EN ISO 306-1