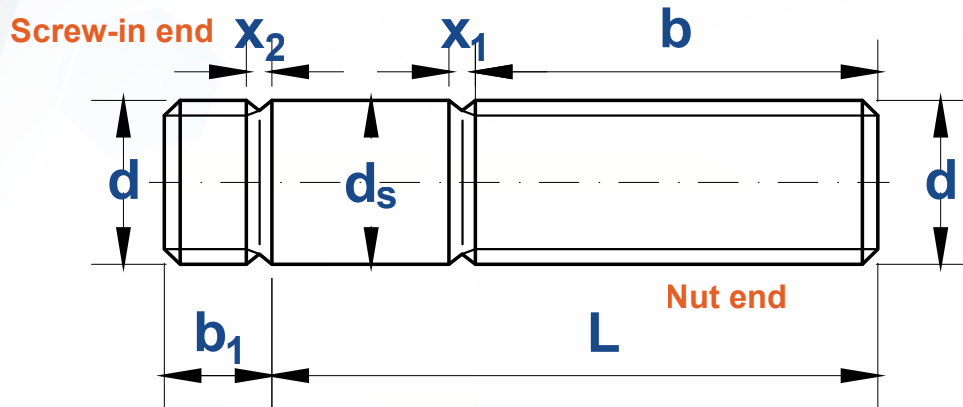




Thread Size d			M3	M4	M5	M6	(M7)	M8	M10	M12	(M14)	M16	(M18)	M20
P	Pitch	Coarse thread	0.5	0.7	0.8	1	1	1.25	1.5	1.75	2	2	2.5	2.5
		Fine thread-1	-	-	-	-	-	1	1.25	1.25	1.5	1.5	1.5	1.5
		Fine thread-2	-	-	-	-	-	-	-	1.5	-	-	-	-
b ₁			3	4	5	6	7	8	10	12	14	16	18	20
b	L≤125		12	14	16	18	20	22	26	30	34	38	42	46
	125<L≤200		18	20	22	24	26	28	32	36	40	44	48	52
	L>200		-	-	-	-	-	-	45	49	53	57	61	65
d _s ②	max		3	4	5	6	7	8	10	12	14	16	18	20
	min		2.86	3.82	4.82	5.82	6.78	7.78	9.78	11.73	13.73	15.73	17.73	19.67
x ₁			1.25	1.75	2	2.5	2.5	3.2	3.8	4.3	5	5	6.3	6.3
x ₂			0.7	0.7	0.9	1	1.25	1.6	1.9	2.2	2.5	2.5	3.2	3.2

Thread Size d			(M22)	M24	(M27)	M30	(M33)	M36	(M39) ②	M42	(M45)	M48	(M52)
P	Pitch	Coarse thread	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5	5
		Fine thread-1	1.5	2	2	2	2	3	3	3	3	3	3
		Fine thread-2	-	-	-	-	-	-	-	-	-	-	-
b ₁			22	24	25	30	32	35	38	42	45	48	52
b	L≤125		50	54	60	66	72	78	84	90	96	102	110
	125<L≤200		56	60	66	72	78	84	90	96	102	108	116
	L>200		69	73	79	85	91	97	103	109	115	121	129
d _s ②	max		22	24	27	30	33	36	39	42	45	48	52
	min		21.67	23.67	26.67	29.67	32.61	35.61	38.61	41.61	44.61	47.61	51.54
x ₁			6.3	7.5	7.5	9	9	10	10	11	11	12.5	12.5
x ₂			3.2	3.8	3.8	4.5	4.5	5	5	5.5	5.5	6.3	6.3

①. Material:

a) Steel, Strength class: M3 ≤ d ≤ M39: 5.6, 8, 8, 10.9 ; d > M39: subject to agreement. Standard DIN EN ISO 898-1

b) Other strength class or material by arrangement

②. The d_s value in M39 is 39~39.61 in the original document, which is ambiguous. According to the technical requirements, the corresponding tolerance for d_s (Class A) in DIN EN ISO 4759-1 is h13. When d_s=39, the tolerance range is 38.61~39.0.