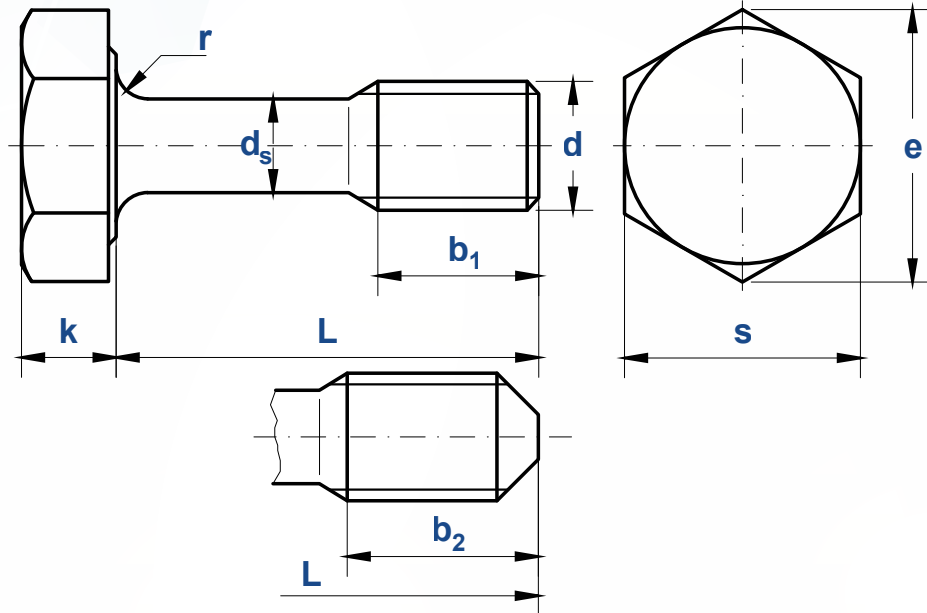




Thread Size d			M2.5	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24	M30
P	Thread Pitch		0.45	0.5	0.7	0.8	1	1.25	1.5	1.75	2	2.5	3	3.5
b ₁	0 ~ +2P	Type K	3.2	3.8	5	6.25	7.5	10	12.5	15	20	25	30	38
		Type L	10	12	14	16	18	22	26	30	38	46	54	66
b ₂	0 ~ +2P	Type K	3.75	4.5	6	7.55	8.5	11.2	14.3	17.5	23	28.5	33.5	43
		Type L	10.55	12.7	15	17.3	19	23.2	27.8	32.5	41	49.5	57.5	71
d _s	max		1.9	2.3	3	3.9	4.6	6.2	7.7	9.2	12.7	16.2	19.2	24.2
	min		1.7	2.1	2.8	3.7	4.4	6	7.5	9	12.5	16	19	24
r	min		0.1	0.1	0.2	0.2	0.25	0.4	0.4	0.6	0.6	0.8	0.8	1
k	nominal size		1.7	2	2.8	3.5	4	5.3	6.4	7.6	10	12.5	15	18.7
	Grade A	min	1.58	1.88	2.68	3.35	3.85	5.15	6.22	7.32	9.82	12.28	14.78	/
		max	1.82	2.12	2.92	3.65	4.15	5.45	6.58	7.68	10.18	12.72	15.22	/
	Grade B	min	/	/	/	/	/	/	/	/	9.71	12.15	14.65	18.28
		max	/	/	/	/	/	/	/	/	10.29	12.85	15.35	19.12
s	max=nominal size		5	5.5	7	8	10	13	17	19	24	30	36	46
	min	Grade A	4.82	5.32	6.78	7.78	9.78	12.73	16.73	18.67	23.67	29.67	35.38	/
		Grade B	/	/	/	/	/	/	/	/	23.16	29.16	35	45
e	min	Grade A	5.45	6.01	7.66	8.79	11.05	14.38	18.9	21.1	26.75	33.53	39.98	/
		Grade B	/	/	/	/	/	/	/	/	26.17	32.95	39.55	50.85

①, Where the head of bolts up to size M16 is to be slotted head.

②, Head dimensions as in DIN 931-1.