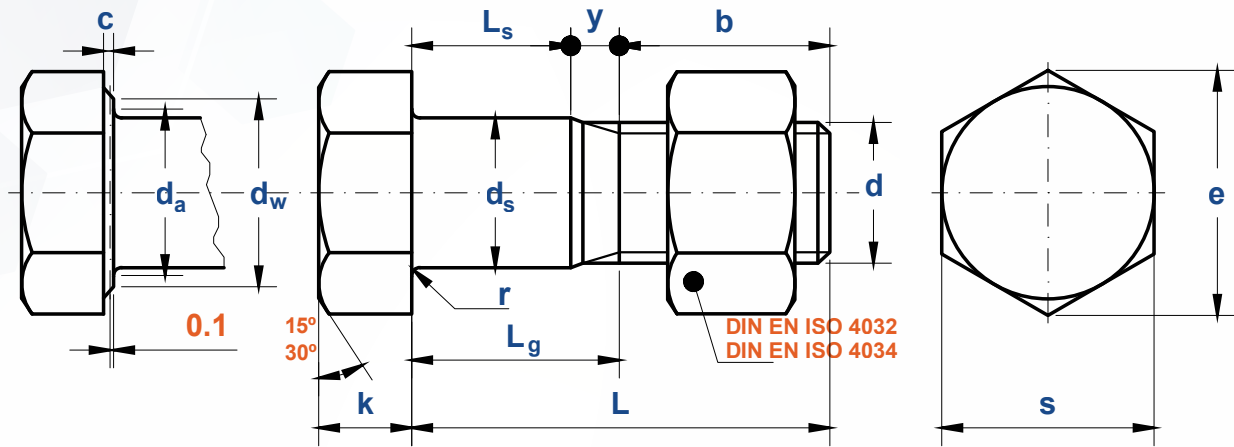




Thread Size d		M12	M16	M20	M24	M27	M30
P		1.75	2	2.5	3	3	3.5
b		20.5	24.5	28.5	33	35.5	38.5
c	max	0.6	0.8	0.8	0.8	0.8	0.8
	min	0.3	0.4	0.4	0.4	0.4	0.4
d _a	max	14.7	18.7	24.4	28.4	32.4	35.4
d _s	Nominal Size	13	17	21	25	28	31
	min	12.74	16.74	20.71	24.71	27.71	30.67
	max	12.85	16.85	20.84	24.84	27.84	30.83
d _w	min	16.4	22	27.7	33.2	38	42.7
e	min	19.85	26.17	32.95	39.55	45.2	50.85
k	Nominal Size	8	10	13	15	17	19
	min	7.55	9.25	12.1	14.1	16.1	17.95
	max	8.45	10.75	13.9	15.9	17.9	20.05
r	min	0.6	0.6	0.8	0.8	1	1
s	max=nominal size	18	24	30	36	41	46
	min	17.57	23.16	29.16	35	40	45
y	max	6.5	7.5	8.5	10	10	11.5
per 1000 units=kg	nut	15.3	36.5	69.3	119	170	234

①, Hexagon nuts comply with DIN EN ISO 4032 or DIN EN ISO 4034 standards.

②, Washer as specified in DIN 7989-1