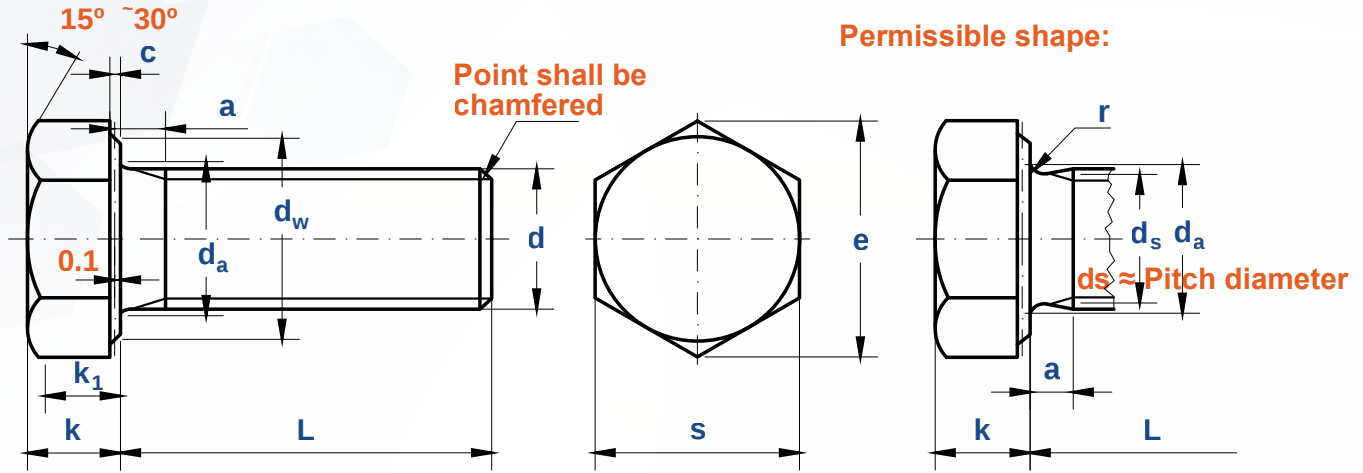




Screw Thread d			M8	M10	M12	M14	M16	M18	M20	M22	M24
P	Pitch	Fine thread-1	1	1	1.5	1.5	1.5	2	1.5	2	2
		Fine thread-2	-	1.25	1.25	-	-	1.5	2	1.5	1.5
a	max		3	3.75	4.5	4.5	4.5	6	6	6	6
c	min		0.15	0.15	0.15	0.15	0.2	0.2	0.2	0.2	0.2
	max		0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8
d _a	max		9.2	11.2	13.7	15.7	17.7	20.2	22.4	24.4	26.4
d _w	Grade A	min	11.6	15.6	17.4	20.5	22.5	25.3	28.2	30	33.6
	Grade B	min	11.4	15.4	17.2	20.1	22	24.8	27.7	29.5	33.2
e	Grade A	min	14.38	18.9	21.1	24.49	26.75	30.14	33.53	35.72	39.98
	Grade B	min	14.2	18.72	20.88	23.91	26.17	29.56	32.95	35.03	39.55
k	Nominal Size		5.3	6.4	7.5	8.8	10	11.5	12.5	14	15
	Grade A	min	5.15	6.22	7.32	8.62	9.82	11.28	12.28	13.78	14.78
		max	5.45	6.58	7.68	8.98	10.18	11.72	12.72	14.22	15.22
	Grade B	min	5.06	6.11	7.21	8.51	9.71	11.15	12.15	13.65	14.65
		max	5.54	6.69	7.79	9.09	10.29	11.85	12.85	14.35	15.35
k ₁	min		3.54	4.28	5.05	5.96	6.8	7.8	8.5	9.6	10.3
r	min		0.4	0.4	0.6	0.6	0.6	0.6	0.8	0.8	0.8
s	max=nominal size		13	17	19	22	24	27	30	32	36
	Grade A	min	12.73	16.73	18.67	21.67	23.67	26.67	29.67	31.61	35.38
	Grade B	min	12.57	16.57	18.48	21.16	23.16	26.16	29.16	31	35

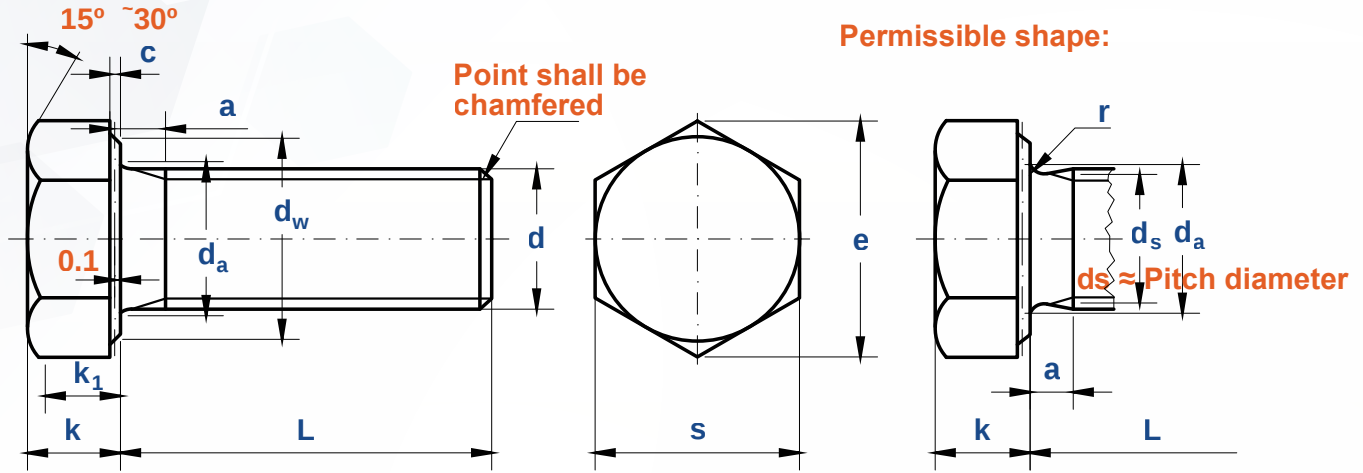
①, Material:

a) Steel, Property class (material): $d \leq 39\text{mm}$: 5.6, 8.8, 10.9; $d > 39\text{mm}$: subject to agreement. Standard DIN ISO 898-1

b) Stainless steel, Property class (material): $d \leq 20\text{mm}$: A2-70, A4-70; 20mm 39mm: subject to agreement. Standard DIN 267-11

c) Non-ferrous metal, Property class (material): subject to agreement. Standard DIN 267-18

Note: The symbols used to denote property class as specified in DIN ISO 898-1 and DIN 267-11 may also be used for sizes above M39, provided that the finished product has all the properties assigned to the particular symbol.



Screw Thread d			M27	M30	M33	M36	M39	M42	M45	M48	M52
P	Pitch	Fine thread-1	2	2	2	3	3	3	3	3	3
		Fine thread-2	-	-	-	-	-	-	-	-	-
a	max		6	6	6	9	9	9	9	9	9
c	min		0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
	max		0.8	0.8	0.8	0.8	1	1	1	1	1
d _a	max		30.4	33.4	36.4	39.4	42.4	45.6	48.6	52.6	56.6
d _w	Grade A	min	-	-	-	-	-	-	-	-	-
	Grade B	min	38	42.7	46.6	51.1	55.9	59.9	64.7	69.4	74.2
e	Grade A	min	-	-	-	-	-	-	-	-	-
	Grade B	min	45.2	50.85	55.37	60.79	66.44	71.3	76.95	82.6	88.25
k	Nominal Size		17	18.7	21	22.5	25	26	28	30	33
	Grade A	min	-	-	-	-	-	-	-	-	-
		max	-	-	-	-	-	-	-	-	-
	Grade B	min	16.65	18.28	20.58	22.08	24.58	25.58	27.58	29.58	32.5
		max	17.35	19.12	21.42	22.92	25.42	26.42	28.42	30.42	33.5
k ₁	min		11.7	12.8	14.4	15.5	17.2	17.9	19.3	20.9	22.8
r	min		1	1	1	1	1	1.2	1.2	1.6	1.6
s	max=nominal size		41	46	50	55	60	65	70	75	80
	Grade A	min	-	-	-	-	-	-	-	-	-
	Grade B	min	40	45	49	53.8	58.8	63.1	68.1	73.1	78.1

①, Material:

- a) Steel, Property class (material): $d \leq 39\text{mm}$: 5.6, 8.8, 10.9; $d > 39\text{mm}$: subject to agreement. Standard DIN ISO 898-1
b) Stainless steel, Property class (material): $d \leq 20\text{mm}$: A2-70, A4-70; $20\text{mm} < d \leq 39\text{mm}$: subject to agreement. Standard DIN 267-11
c) Non-ferrous metal, Property class (material): subject to agreement. Standard DIN 267-18

Note: The symbols used to denote property class as specified in DIN ISO 898-1 and DIN 267-11 may also be used for sizes above M39, provided that the finished product has all the properties assigned to the particular symbol.