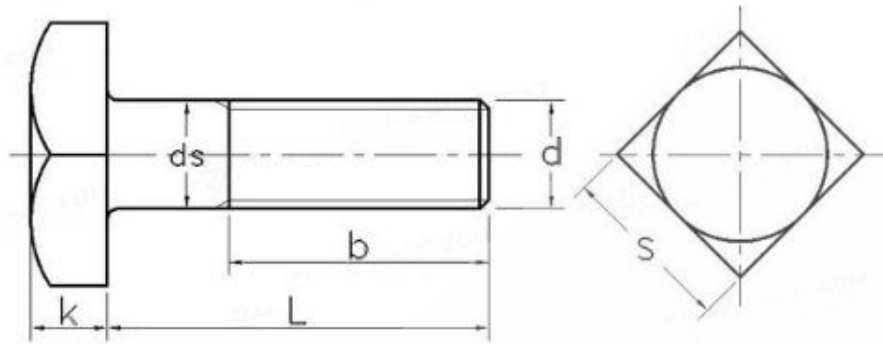


ANSI/ASME B 18.2.1

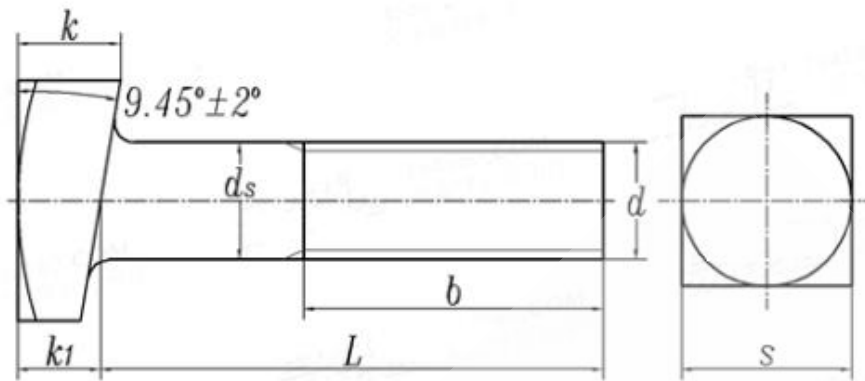


Unit: inch

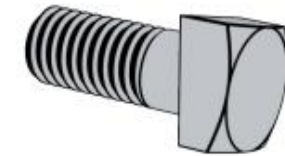


NEWSTARWDDH

Screw Thread d		1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2
d		0.2500	0.3125	0.3750	0.4375	0.5000	0.6250	0.7500	0.8750	1.0000	1.1250	1.2500	1.3750	1.5000
PP	UNC	20	18	16	14	13	11	10	9	8	7	7	6	6
ds	max	0.260	0.324	0.388	0.452	0.515	0.642	0.768	0.895	1.022	1.149	1.277	1.404	1.531
	min	0.237	0.298	0.36	0.421	0.482	0.605	0.729	0.852	0.976	1.098	1.223	1.345	1.47
s	max	0.375	0.500	0.562	0.625	0.750	0.938	1.125	1.312	1.500	1.688	1.875	2.062	2.250
	min	0.362	0.484	0.544	0.603	0.725	0.906	1.088	1.269	1.450	1.631	1.812	1.944	2.175
k	max	0.188	0.220	0.268	0.316	0.348	0.444	0.524	0.620	0.684	0.780	0.876	0.940	1.036
	min	0.156	0.186	0.232	0.278	0.308	0.400	0.476	0.568	0.628	0.720	0.812	0.872	0.964
b	L ≤ 6	0.750	0.875	1.000	1.125	1.250	1.500	1.750	2.000	2.250	2.500	2.750	3.000	3.250
	L > 6	1.000	1.125	1.250	1.375	1.500	1.750	2.000	2.250	2.500	2.750	3.000	3.250	3.500



Unit: inch

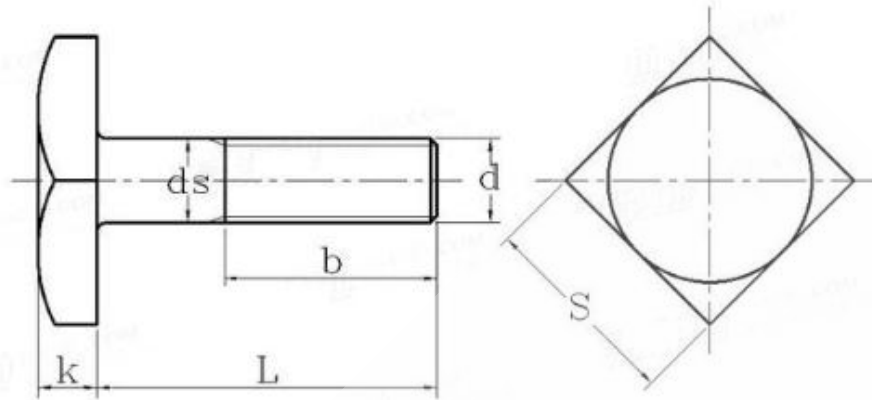


NEWSTARWDH

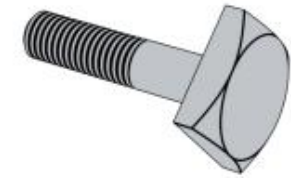
ASME/ANSI B 18.2.1

Screw Thread d		3/8	1/2	5/8	3/4	7/8	1
d		0.3750	0.5000	0.6250	0.7500	0.8750	1.0000
PP	UNC	16	13	11	10	9	8
d_s	max	0.388	0.515	0.642	0.768	0.895	1.022
	min	0.36	0.482	0.605	0.729	0.852	0.976
s	max	0.562	0.75	0.938	1.125	1.312	1.5
	min	0.544	0.725	0.906	1.088	1.269	1.45
k	max	0.317	0.411	0.52	0.614	0.723	0.801
	min	0.277	0.371	0.48	0.574	0.683	0.761
k₁		0.25	0.328	0.422	0.5	0.594	0.656
b	L ≤ 6	1	1.25	1.5	1.75	2	2.25
	L > 6	1.25	1.5	1.75	2	2.25	2.5

JIS B 1182



Unit: mm



NEWSTARWDH

Screw Thread d		M10	M12	M16	M20	(M22)	M24
P	Pitch	1.5	1.75	2	2.5	2.5	3
	Nominal Size	10	12	16	20	22	24
ds	max	10.7	12.9	16.9	20.95	22.95	24.95
	min	9.8	11.8	15.8	19.65	21.65	23.65
k	Nominal Size	7	8	10	13	14	15
	max	7.6	8.8	10.8	13.9	14.9	15.9
	min	6.4	7.2	9.2	12.1	13.1	14.1
s	max=nominal size	24	30	36	41	46	55
	min	23.2	29.2	35	40	45	53.8