

NEWSTARWDH

Unit: inch

Screw Thread		1/4	5/16	3/8	7/16	1/2	5/8	3/4
<b>d</b>		0.2500	0.3125	0.3750	0.4375	0.5000	0.6250	0.7500
<b>PP</b>	UNC	20	18	16	14	13	11	10
<b>d<sub>s</sub></b>	max	0.260	0.324	0.388	0.452	0.515	0.642	0.768
	min	0.213	0.272	0.329	0.385	0.444	0.559	0.678
<b>d<sub>k</sub></b>	max	0.594	0.719	0.844	0.969	1.094	1.344	1.594
	min	0.563	0.688	0.782	0.907	1.032	1.219	1.469
<b>k</b>	max	0.145	0.176	0.208	0.239	0.270	0.344	0.406
	min	0.125	0.156	0.188	0.219	0.250	0.313	0.375
<b>s</b>	max	0.26	0.324	0.388	0.452	0.515	0.642	0.768
	min	0.245	0.307	0.368	0.431	0.492	0.616	0.741
<b>k<sub>1</sub></b>	max	0.321	0.408	0.481	0.571	0.657	0.807	0.983
	min	0.124	0.124	0.156	0.156	0.156	0.218	0.218

ANSI/ASME B 18.5 - 2008

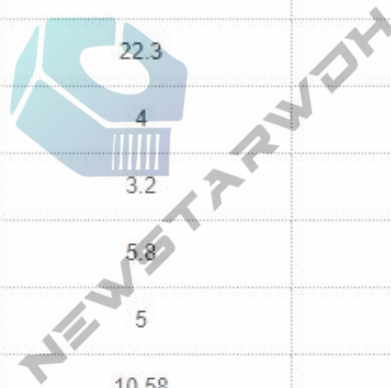
ANSI/ASME B 18.5 - 2012

Unit: mm

Screw Thread <b>d</b>		<b>M5</b>	<b>M6</b>	<b>M8</b>	<b>M10</b>	<b>M12</b>	<b>M16</b>	<b>M20</b>
<b>P</b>	Pitch	0.8	1	1.25	1.5	1.75	2	2.5
<b>b</b>	L≤125	16	18	22	26	30	38	46
	125 < L≤200	22	24	28	32	36	44	52
	L>200	/	/	41	45	49	57	65
<b>d<sub>k</sub></b>	max	13.55	16.55	20.65	24.65	30.65	38.8	46.8
	min	12.45	15.45	19.35	23.35	29.35	37.2	45.2
<b>d<sub>s</sub></b>	max	5	6	8	10	12	16	20
	min	4.52	5.52	7.42	9.42	11.3	15.3	19.16
<b>k<sub>1</sub></b>	max	4.1	4.6	5.6	6.6	8.75	12.9	15.9
	min	2.9	3.4	4.4	5.4	7.25	11.1	14.1
<b>k</b>	max	3.3	3.88	4.88	5.38	6.95	8.95	11.05
	min	2.7	3.12	4.12	4.62	6.05	8.05	9.95
<b>s</b>	max	5.48	6.48	8.58	10.58	12.7	16.7	20.84
	min	4.52	5.52	7.42	9.42	11.3	15.3	19.16
Weight of per 1000 steel products(≈kg)		-	-	-	-	-	-	-

Unit: mm

Screw Thread <b>d</b>		<b>M6</b>	<b>M8</b>	<b>M10</b>	<b>M12</b>	<b>M16</b>	<b>M20</b>
<b>P</b>	Pitch	1	1.25	1.5	1.75	2	2.5
<b>b</b>	L ≤ 125	18	22	26	30	38	46
	125 < L ≤ 200	/	/	/	/	44	52
<b>d<sub>k</sub></b>	max	14.2	18	22.3	26.6	35	43
<b>k<sub>1</sub></b>	max	3	3	4	4	5	5
	min	2.4	2.4	3.2	3.2	4.2	4.2
<b>k</b>	max	3.6	4.8	5.8	6.8	8.9	10.9
	min	3	4	5	6	8	10
<b>s</b>	max	6.48	8.58	10.58	12.7	16.7	20.84
	min	5.88	7.85	9.85	11.82	15.82	19.79



Alternative history

JIS B 1171 - 2001

JIS B 1171 - 2005