



\*B = Nominal Diameter - (Length x .02083)

TAPER PINS						ASME B18.8.2-2000	
Pin Size Number and Basic Pin Diameter		A				R	
		Major Diameter (Large End)				End Crown Radius	
		Commercial Class		Precision Class			
		Max	Min	Max	Min	Max	Min
7/0	0.0625	0.0638	0.0618	0.0635	0.0625	0.072	0.052
6/0	0.0780	0.0793	0.0773	0.0790	0.0780	0.088	0.068
5/0	0.0940	0.0953	0.0933	0.0950	0.0940	0.104	0.084
4/0	0.1090	0.1103	0.1083	0.1100	0.1090	0.119	0.099
3/0	0.1250	0.1263	0.1243	0.1260	0.1250	0.135	0.115
2/0	0.1410	0.1423	0.1403	0.1420	0.1410	0.151	0.131
0	0.1560	0.1573	0.1553	0.1570	0.1560	0.166	0.146
1	0.1720	0.1733	0.1713	0.1730	0.1720	0.182	0.162
2	0.1930	0.1943	0.1923	0.1940	0.1930	0.203	0.183
3	0.2190	0.2203	0.2183	0.2200	0.2190	0.229	0.209
4	0.2500	0.2513	0.2493	0.2510	0.2500	0.260	0.240
5	0.2890	0.2903	0.2883	0.2900	0.2890	0.299	0.279
6	0.3410	0.3423	0.3403	0.3420	0.3410	0.351	0.331
7	0.4090	0.4103	0.4083	0.4100	0.4090	0.419	0.399
8	0.4920	0.4933	0.4913	0.4930	0.4920	0.502	0.482
9	0.5910	0.5923	0.5903	0.5920	0.5910	0.601	0.581
10	0.7060	0.7073	0.7053	0.7070	0.7060	0.716	0.696
11	0.8600	0.8613	0.8593	....	....	0.870	0.850
12	1.0320	1.0333	1.0313	....	....	1.042	1.022
13	1.2410	1.2423	1.2403	....	....	1.251	1.231
14	1.5230	1.5243	1.5223	....	....	1.533	1.513
<b>Tolerance on Length</b>		±0.010					

<b>Description</b>	A solid headless pin which has a controlled diameter, length and taper, with crowned ends.
<b>Applications/Advantages</b>	Preferable style of pin when removal of the pin is expected since the tapered design allows for it to be driven out of its hole.
<b>Material</b>	AISI 1211 steel or AISI 1212 - 1213 or equivalent steel
<b>Taper</b>	<b>Commercial Class:</b> 0.250 per foot of length (± 0.006); <b>Precision Class:</b> 0.250 per foot of length (± 0.004)
<b>Concavity &amp; Convexity</b>	<b>Commercial Class:</b> Pins up to 2 in., incl.: 0.001; Pins over 2 to 4 in., incl.: 0.002; Pins over 4 in.: 0.004 <b>Precision Class:</b> Pins up to 2 in., incl.: 0.0005; Pins over 2 to 4 in., incl.: 0.001; Pins over 4 in.: 0.002
<b>Plating</b>	See Appendix-A for plating information.