

Table VI ISO Tapered Bore Tolerances

BEARING BORE		BORE TOLERANCE, NORMAL & P6			
B		TAPER – 1 : 12		TAPER – 1 : 30	
OVER	INCL.	MIN.	MAX.	MIN.	MAX.
mm/In.	mm/In.	mm/In.	mm/In.	mm/In.	mm/In.
120 4.7244	180 7.0866	0 0	+0.040 +0.0016	0 0	+0.025 +0.0010
180 7.0866	250 9.8425	0 0	+0.046 +0.0018	0 0	+0.030 +0.0012
250 9.8425	315 12.4016	0 0	+0.052 +0.0020	0 0	+0.035 +0.0014
315 12.4016	400 15.7480	0 0	+0.057 +0.0022	0 0	+0.040 +0.0016
400 15.7480	500 19.6850	0 0	+0.063 +0.0025	0 0	+0.045 +0.0018
500 19.6850	630 24.8031	0 0	+0.070 +0.0028	0 0	+0.050 +0.0020
630 24.8031	800 31.4961	0 0	+0.080 +0.0031	0 0	+0.075 +0.0030
800 31.4961	1000 39.3701	0 0	+0.090 +0.0035	0 0	+0.100 +0.0039
1000 39.3701	1250 49.2126	0 0	+0.105 +0.0041	0 0	+0.125 +0.0049
1250 49.2126	1600 62.9921	0 0	+0.125 +0.0049	0 0	+0.160 +0.0063

Applies to bearing types:

- Deep Groove Ball
- Angular contact
- Cylindrical Roller
- Spherical Roller
- 4 Row Cylindrical