

Tolerance grades

ISO 286-1:2010

Nominal size (mm)		IT12 Standard tolerance values [mm]	IT13 Standard tolerance values [mm]
Above	Up to and including		
-	3	n/a	n/a
3	6	0.12*	0.18*
6	10	0.15*	0.22*
10	18	0.18	0.27
18	30	0.21	0.33
30	50	0.25	0.39
50	80	0.30	0.46
80	120	0.35	0.54
120	180	0.40	0.63
180	250	0.46	0.72
250	315	0.52	0.81
315	400	0.57	0.89
400	500	0.63	0.97
500	630	0.70	1.10
630	800	0.80	1.25

* for nominal values between 3 and 10 mm, tolerance values of line 10-18 mm are valid

Table 1 – Values of standard tolerance grades for nominal sizes up to 800 mm, extracted from ISO standard ISO 286-1:2010.

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Visit Oceanz

Maxwellstraat 21, 6716 BX EDE

T: +31 (0) 318 769 077

M: info@oceanz.eu

W: www.oceanz.eu

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