

Linear Tolerances

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Range		D1		D2		D3		Distance between Center Lines	
From	To	Tol.	Total	Tol.	Total	Tol.	Total	D1 Tol.	D3 Tol.
	6	+ - 0.10	0.20	+ - 0.08	0.16	+ - 0.06	0.12	+ - 0.25	+ - 0.16
6	10	+ - 0.12	0.24	+ - 0.10	0.20	+ - 0.06	0.12		
10	14	+ - 0.15	0.30	+ - 0.12	0.24	+ - 0.09	0.18		
14	18	+ - 0.20	0.40	+ - 0.14	0.28	+ - 0.09	0.18		
18	24	+ - 0.25	0.50	+ - 0.17	0.34	+ - 0.12	0.24	+ - 0.32	+ - 0.20
24	30	+ - 0.30	0.60	+ - 0.20	0.40	+ - 0.14	0.28		
30	40	+ - 0.37	0.74	+ - 0.25	0.50	+ - 0.17	0.34	+ - 0.50	+ - 0.30
40	50	+ - 0.44	0.88	+ - 0.30	0.60	+ - 0.20	0.40		
50	65	+ - 0.52	1.04	+ - 0.38	0.76	+ - 0.23	0.46	+ - 0.71	+ - 0.45
65	80	+ - 0.60	1.20	+ - 0.46	0.92	+ - 0.27	0.54		
80	100	+ - 0.68	1.36	+ - 0.53	1.06	+ - 0.30	0.60	+ - 0.90	+ - 0.60
100	120	+ - 0.76	1.52	+ - 0.60	1.20	+ - 0.33	0.66		
120	140	+ - 0.84	1.68	+ - 0.65	1.30	+ - 0.36	0.72	+ - 1.15	+ - 0.85
140	160	+ - 0.92	1.84	+ - 0.72	1.44	+ - 0.38	0.76		
160	180	+ - 1.02	2.04	+ - 0.80	1.60	+ - 0.42	0.84		
180	200	+ - 1.12	2.24	+ - 0.88	1.76	+ - 0.43	0.86		
200	225	+ - 1.28	2.56	+ - 0.95	1.90	+ - 0.47	0.94	+ - 1.80	+ - 1.00
225	250	+ - 1.44	2.88	+ - 1.05	2.10	+ - 0.51	1.02		
250	280	+ - 1.64	3.28	+ - 1.15	2.30	+ - 0.56	1.12	+ - 2.20	+ - 1.25
280	315	+ - 1.84	3.68	+ - 1.25	2.50	+ - 0.63	1.26		
315	355	+ - 2.10	4.20	+ - 1.40	2.80	+ - 0.71	1.42	+ - 2.60	+ - 1.60
355	400	+ - 2.40	4.80	+ - 1.60	3.20	+ - 0.80	1.60		
400	450	+ - 2.70	5.40	+ - 1.80	3.60	+ - 0.90	1.80	+ - 3.10	+ - 2.00
450	500	+ - 3.00	6.00	+ - 2.00	4.00	+ - 1.00	2.00		

Degrees of Precision:
D1 – Applicable to dimensions with **no** tolerance determination.
D2 – Applicable to dimensions with tolerance determination.
D3 – Applicable to dimensions with very high tolerance determination.