



# ISO-Metric Primary Fits



## FOR EXTERNAL MEASUREMENTS (SHAFTS)\*

Measurements in  $\mu\text{m}$  ( $1\mu\text{m} = 0.001\text{mm}$ )

Nominal Range in mm	Designation	s6	r6	n6	m6	j6	h5	h6	h8	h9	h11	g5	g6	f7	f8	e8	d11
	from > 1 to ≤ 3		+20 +14	+16 +10	+10 +4	+8 +2	+4 -2	0 -4	0 -6	0 -14	0 -25	0 -60	-2 -6	-2 -8	-6 -16	-6 -20	-14 -28
from > 3 to ≤ 6		+27 +19	+23 +15	+16 +8	+12 +4	+6 -2	0 -5	0 -8	0 -18	0 -30	0 -75	-4 -9	-4 -12	-10 -22	-10 -28	-20 -38	-30 -105
from > 6 to ≤ 10		+32 +23	+28 +19	+19 +10	+15 +6	+7 -2	0 -6	0 -9	0 -22	0 -36	0 -90	-5 -11	-5 -14	-13 -28	-13 -35	-25 -47	-40 -130
from > 10 to ≤ 14		+39 +28	+34 +23	+23 +12	+18 +7	+6 -3	0 -8	0 -11	0 -27	0 -43	0 -110	-6 -14	-6 -17	-16 -34	-16 -43	-32 -59	-50 -160
from > 14 to ≤ 18																	
from > 18 to ≤ 24		+48 +35	+41 +28	+28 +15	+21 +8	+9 -4	0 -9	0 -13	0 -33	0 -52	0 -130	-7 -16	-7 -20	-20 -41	-20 -53	-40 -73	-65 -195
from > 24 to ≤ 30																	
from > 30 to ≤ 40		+59 +43	+50 +34	+33 +17	+25 +9	+11 -5	0 -11	0 -16	0 -39	0 -62	0 -160	-9 -20	-9 -25	-25 -50	-25 -64	-50 -89	-80 -240
from > 40 to ≤ 50																	
from > 50 to ≤ 65		+72 +53	+60 +41														
from > 65 to ≤ 80		+78 +59	+62 +43	+39 +20	+30 +11	+12 -7	0 -13	0 -19	0 -46	0 -74	0 -190	-10 -23	-10 -29	-30 -60	-30 -76	-60 -106	-100 -290
from > 80 to ≤ 100		+93 +71	+73 +51														
from > 100 to ≤ 120		+101 +79	+76 +54	+45 +23	+35 +13	+13 -9	0 -15	0 -22	0 -54	0 -87	0 -220	-12 -27	-12 -34	-36 -71	-36 -90	-72 -126	-120 -340
from > 120 to ≤ 140		+117 +92	+88 +63														
from > 140 to ≤ 160		+125 +100	+90 +65	+52 +27	+40 +15	+14 -11	0 -18	0 -25	0 -63	0 -100	0 -250	-14 -32	-14 -39	-43 -83	-43 -106	-85 -148	-145 -395

