



ISO-Metric Primary Fits



FOR INTERNAL MEASUREMENTS (HOLES)*

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

Z8	X8	S7	H6	H7	H8	H10	H11	G6	G7	F8	F9	E9	D10	D11	CD10	C11	Designation
-26 -40	-20 -34	-14 -24	+6 0	+10 0	+14 0	+40 0	+60 0	-8 -2	+12 +2	+20 +6	+31 +6	+39 +14	+60 +20	+80 +20	+74 +34	+120 +60	from > 1 to ≤ 3
-35 -53	-28 -46	-15 -27	+8 0	+12 0	+18 0	+48 0	+75 0	+12 +4	+16 +4	+28 +10	+40 +10	+50 +20	+78 +30	+105 +30	+94 +46	+145 +70	from > 3 to ≤ 6
-42 -64	-34 -56	-17 -32	+9 0	+15 0	+22 0	+58 0	+90 0	+14 +5	+20 -5	+35 +13	+49 +13	+61 +25	+98 +40	+130 +40	+114 +56	+170 +80	from > 6 to ≤ 10
-50 -77	-40 -67	-21 -39	+11 0	+18 0	+27 0	+70 0	+110 0	+17 +6	+24 -6	+43 +16	+59 +16	+75 +32	+120 +50	+160 +50	-	+205 +95	from > 10 to ≤ 14
-60 -87	-45 -72		from > 14 to ≤ 18														
-73 -106	-54 -87	-27 -48	+13 0	+21 0	+33 0	+84 0	+130 0	+20 +7	+28 +7	+53 +20	+72 +20	+92 +40	+149 +65	+195 +65	-	+240 +110	from > 18 to ≤ 24
-88 -121	-64 -97		from > 24 to ≤ 30														
-112 -151	-80 -119	-34 -59	+16 0	+25 0	+39 0	+100 0	+160 0	+25 +9	+34 -9	+64 +25	+87 +25	+112 +50	+180 +60	+240 +80	-	+280 +120	from > 30 to ≤ 40
-136 -175	-97 -136		from > 40 to ≤ 50														
-172 -218	-122 -168	-42 -72	+19 0	+30 0	+46 0	+120 0	+190 0	+29 +10	+40 +10	+76 +30	+104 +30	+134 +60	+220 +100	+290 +100	-	+330 +140	from > 50 to ≤ 65
-210 -256	-146 -192		from > 65 to ≤ 80														
-258 -312	-178 -232	-58 -93	+22 0	+35 0	+54 0	+140 0	+220 0	+34 +12	+47 +12	+90 +36	+123 +36	+159 +72	+260 +120	+340 +120	-	+390 +170	from > 80 to ≤ 100
-310 -364	-210 -264		from > 100 to ≤ 120														
-365 -428	-248 -311	-77 -117	+25 0	+40 0	+63 0	+160 0	+250 0	+39 +14	+54 +14	+106 +43	+143 +43	+185 +85	+305 +145	+395 +145	-	+450 +200	from > 120 to ≤ 140
-415 -478	-290 -343															from > 140 to ≤ 160	
-	-310	-93														+460	from > 160

Nominal Range in mm

Graph Represents Range From 3 - 6 mm

Internal Dimensions (Holes)

μm
+150
+100
+50
0
-50
-100
-150

-373

-133

+230

to

±180

*Per DIN 58700 sheet 1 p. 3.

T77