

ISO passingstelsel tabel

Bohrungen Holes Fori	Nennmaß über... bis ... mm / Nominal dimension over ... to ... mm / Dimensione nominale oltre .. fino a .. mm																		
	1	3	6	10	14	18	24	30	40	50	65	80	100	120	140	160	180	200	225
	3	6	10	14	18	24	30	40	50	65	80	100	120	140	160	180	200	225	250
Welle / Shaft / Codolo h5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P 6	-6	-9	-12	-15	-18	-21	-26	-30	-36	-41	-45	-52	-61	-70	-80	-90	-100	-110	-120
N 6	-4	-5	-7	-9	-11	-12	-14	-16	-20	-22	-24	-28	-33	-38	-45	-52	-60	-70	-80
M 6	-2	-1	-3	-4	-4	-4	-5	-6	-8	-9	-10	-12	-15	-18	-22	-27	-33	-40	-48
J 6	+2	+5	+5	+6	+8	+10	+13	+16	+18	+22	+25	+30	+36	+42	+50	+60	+70	+80	+90
H 6	+6	+8	+9	+11	+13	+16	+19	+22	+25	+29	+33	+38	+45	+52	+60	+70	+80	+90	+100
Welle / Shaft / Codolo h 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S 7	-14	-15	-17	-21	-27	-34	-42	-48	-58	-66	-77	-85	-93	-105	-113	-123	-133	-143	-153
R 7	-10	-11	-13	-16	-20	-25	-30	-32	-38	-41	-48	-50	-53	-60	-63	-67	-73	-76	-80
N 7	-4	-4	-4	-5	-7	-8	-9	-10	-12	-13	-14	-16	-18	-21	-24	-28	-33	-38	-43
M 7	-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K 7	0	+3	+5	+6	+6	+7	+9	+10	+12	+13	+14	+16	+18	+21	+24	+28	+33	+38	+43
J 7	+4	+6	+8	+10	+12	+14	+18	+22	+25	+30	+36	+42	+50	+60	+70	+80	+90	+100	+110
H 7	+10	+12	+15	+18	+21	+25	+30	+35	+40	+45	+50	+55	+60	+65	+70	+75	+80	+85	+90
G 7	+12	+16	+20	+24	+28	+34	+40	+47	+54	+61	+69	+77	+85	+93	+101	+110	+119	+128	+137
F 7	+16	+22	+28	+34	+41	+50	+60	+71	+83	+96	+110	+125	+140	+155	+170	+185	+200	+215	+230
Welle / Shaft / Codolo h 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H 8	+14	+18	+22	+27	+33	+39	+46	+57	+63	+72	+80	+90	+100	+110	+120	+130	+140	+150	+160
H 11	+60	+75	+90	+110	+130	+160	+190	+220	+250	+290	+330	+380	+430	+480	+530	+580	+630	+680	+730
F 8	+20	+28	+35	+43	+53	+64	+76	+90	+106	+122	+140	+158	+176	+194	+212	+230	+248	+266	+284
E 9	+39	+50	+61	+75	+92	+112	+134	+159	+185	+215	+245	+275	+305	+335	+365	+395	+425	+455	+485
D 10	+60	+78	+98	+120	+149	+180	+220	+260	+305	+355	+405	+455	+505	+555	+605	+655	+705	+755	+805
C 11	+120	+145	+170	+205	+240	+280	+330	+390	+450	+510	+570	+630	+690	+750	+810	+870	+930	+990	+1050
Welle / Shaft / Codolo h 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H 11	+60	+75	+90	+110	+130	+160	+190	+220	+250	+290	+330	+380	+430	+480	+530	+580	+630	+680	+730
D 11	+80	+105	+130	+160	+195	+240	+290	+340	+395	+450	+505	+560	+615	+670	+725	+780	+835	+890	+945
C 11	+120	+145	+170	+205	+240	+280	+330	+390	+450	+510	+570	+630	+690	+750	+810	+870	+930	+990	+1050
A 11	+330	+345	+370	+400	+430	+470	+480	+530	+550	+600	+630	+670	+710	+750	+790	+830	+870	+910	+950

ISO Passung Einheitswellen
ISO system of standardised fits for shafts
Tolleranze di accoppiamenti ISO, Sistema albero base

Übermaßpassung (Presspassung)
Interference fit [press fit]
Accoppiamento a interferenza [stabile]

Übergangspassung
Transition fit
Accoppiamento intermedio

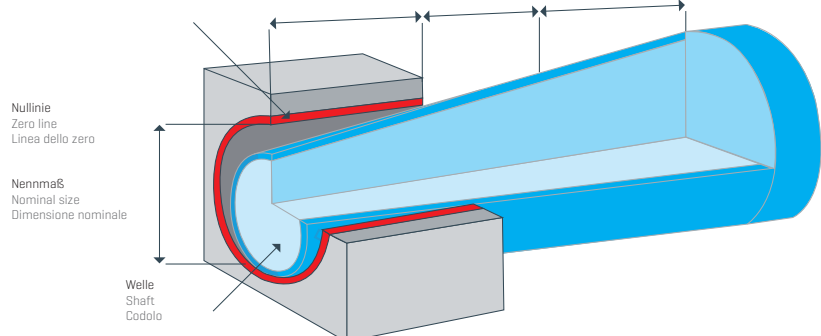
Spielpassung
Clearance fit
Accoppiamento mobile

Bohrungstoleranz H
Hole tolerance H
Tolleranza di fori h

Spielpassungen
Clearance fit
Accoppiamento mobile

Übergangspassungen
Transition fit
Accoppiamento intermedio

Übermaßpassungen
Interference fit
Accoppiamento a interferenza



Wellen Shaft Codolo	Nennmaß über... bis ... mm / Nominal dimension over ... to ... mm / Dimensione nominale oltre .. fino a .. mm																			
	1 3	3 6	6 10	10 14	14 18	18 24	24 30	30 40	40 50	50 65	65 80	80 100	100 120	120 140	140 160	160 180	180 200	200 225	225 250	
Bohrung / Hole / Fori H 6	+6 0	+8 0	+9 0	+11 0	+13 0	+16 0	+19 0	+22 0	+25 0	+29 0	+33 0	+37 0	+41 0	+45 0	+49 0	+53 0	+57 0	+61 0	+65 0	+69 0
p 5	+10 +6	+17 +12	+21 +15	+26 +18	+31 +22	+37 +26	+45 +32	+52 +37	+61 +43	+70 +50	+80 +55	+90 +60	+100 +70	+110 +80	+120 +90	+130 +100	+140 +110	+150 +120	+160 +130	+170 +140
n 5	+8 +4	+13 +8	+16 +10	+20 +12	+24 +15	+28 +17	+33 +20	+38 +23	+45 +27	+51 +31	+58 +38	+65 +45	+72 +52	+80 +60	+88 +68	+96 +76	+104 +84	+112 +92	+120 +100	+128 +108
k 6	+6 0	+9 +1	+10 +1	+12 +1	+15 +2	+18 +2	+21 +2	+25 +3	+28 +3	+33 +4	+38 +5	+43 +6	+48 +7	+53 +8	+58 +9	+63 +10	+68 +11	+73 +12	+78 +13	+83 +14
j 6	+4 -2	+6 -2	+7 -2	+8 -3	+9 -4	+11 -5	+12 -7	+13 -9	+14 -11	+16 -13	+18 -15	+20 -17	+22 -19	+24 -21	+26 -23	+28 -25	+30 -27	+32 -29	+34 -31	+36 -33
h 5	0 -4	0 -5	0 -6	0 -8	0 -9	0 -11	0 -13	0 -15	0 -18	0 -20	0 -22	0 -25	0 -27	0 -30	0 -32	0 -35	0 -37	0 -40	0 -42	0 -45
Bohrung / Hole / Fori H 7	+10 0	+12 0	+15 0	+18 0	+21 0	+25 0	+30 0	+35 0	+40 0	+46 0	+52 0	+58 0	+64 0	+70 0	+76 0	+82 0	+88 0	+94 0	+100 0	+106 0
s 6	+20 +14	+27 +19	+32 +23	+39 +28	+48 +35	+59 +43	+72 +59	+87 +71	+102 +89	+117 +101	+132 +117	+147 +132	+162 +147	+177 +162	+192 +177	+207 +192	+222 +207	+237 +222	+252 +237	+267 +252
r 6	+16 +10	+23 +15	+28 +18	+34 +23	+41 +28	+50 +34	+60 +41	+72 +51	+87 +63	+102 +77	+117 +92	+132 +107	+147 +122	+162 +137	+177 +152	+192 +167	+207 +182	+222 +197	+237 +212	+252 +227
n 6	+10 +4	+16 +8	+19 +10	+23 +12	+28 +15	+33 +17	+39 +20	+45 +23	+52 +27	+60 +31	+68 +39	+76 +47	+84 +55	+92 +63	+100 +71	+108 +79	+116 +87	+124 +95	+132 +103	+140 +111
m 6	+8 +2	+12 +4	+15 +6	+18 +7	+21 +8	+25 +9	+30 +11	+35 +13	+40 +15	+46 +17	+52 +19	+58 +21	+64 +23	+70 +25	+76 +27	+82 +29	+88 +31	+94 +33	+100 +35	+106 +37
k 6	+6 0	+9 +1	+10 +1	+12 +1	+15 +2	+18 +2	+21 +2	+25 +3	+28 +3	+33 +4	+38 +5	+43 +6	+48 +7	+53 +8	+58 +9	+63 +10	+68 +11	+73 +12	+78 +13	+83 +14
j 6	+4 -2	+6 -2	+7 -2	+8 -3	+9 -4	+11 -5	+12 -7	+13 -9	+14 -11	+16 -13	+18 -15	+20 -17	+22 -19	+24 -21	+26 -23	+28 -25	+30 -27	+32 -29	+34 -31	+36 -33
h 6	0 -6	0 -8	0 -9	0 -11	0 -13	0 -16	0 -19	0 -22	0 -25	0 -29	0 -32	0 -36	0 -39	0 -43	0 -47	0 -50	0 -54	0 -58	0 -62	0 -66
g 6	-2 -8	-4 -12	-5 -14	-6 -17	-7 -20	-9 -25	-10 -29	-12 -34	-14 -39	-15 -44	-16 -49	-18 -54	-20 -59	-22 -64	-24 -69	-26 -74	-28 -79	-30 -84	-32 -89	-34 -94
r 7	-6 -16	-10 -22	-13 -28	-16 -34	-20 -41	-25 -50	-30 -60	-36 -71	-43 -83	-50 -96	-58 -110	-66 -124	-74 -138	-82 -152	-90 -166	-98 -180	-106 -194	-114 -208	-120 -222	-126 -236
Bohrung / Hole / Fori H 8	+14 0	+18 0	+22 0	+27 0	+33 0	+39 0	+46 0	+54 0	+63 0	+72 0	+81 0	+90 0	+100 0	+110 0	+120 0	+130 0	+140 0	+150 0	+160 0	+170 0
x 8	+34 +20	+46 +28	+56 +34	+67 +40	+72 +45	+87 +54	+97 +64	+119 +70	+136 +97	+168 +122	+192 +146	+232 +178	+264 +210	+311 +248	+343 +280	+373 +310	+422 +350	+457 +385	+497 +425	+532 +455
u 8	+32 +18	+41 +23	+50 +28	+60 +33	+60 +33	+74 +41	+81 +48	+99 +60	+109 +70	+133 +87	+148 +102	+178 +124	+198 +144	+233 +170	+253 +190	+273 +210	+308 +236	+330 +258	+356 +284	+382 +306
h 9	0 -25	0 -30	0 -36	0 -43	0 -52	0 -62	0 -74	0 -87	0 -100	0 -115	0 -130	0 -145	0 -160	0 -175	0 -190	0 -205	0 -220	0 -235	0 -250	0 -265
f 7	-6 -16	-10 -22	-13 -28	-16 -34	-20 -41	-25 -50	-30 -60	-36 -71	-43 -83	-50 -96	-58 -110	-66 -124	-74 -138	-82 -152	-90 -166	-98 -180	-106 -194	-114 -208	-120 -222	-126 -236
d 9	-20 -45	-30 -60	-40 -76	-50 -93	-65 -117	-80 -142	-100 -174	-120 -207	-145 -245	-170 -285	-195 -315	-220 -345	-245 -375	-270 -405	-295 -435	-320 -465	-345 -495	-370 -525	-395 -555	-420 -585
Bohrung / Hole / Fori H 11	+60 0	+75 0	+90 0	+110 0	+130 0	+160 0	+190 0	+220 0	+250 0	+290 0	+330 0	+370 0	+410 0	+450 0	+490 0	+530 0	+570 0	+610 0	+650 0	+690 0
h 9	0 -25	0 -30	0 -36	0 -43	0 -52	0 -62	0 -74	0 -87	0 -100	0 -115	0 -130	0 -145	0 -160	0 -175	0 -190	0 -205	0 -220	0 -235	0 -250	0 -265
h 11	0 -60	0 -75	0 -90	0 -110	0 -130	0 -160	0 -190	0 -220	0 -250	0 -290	0 -330	0 -370	0 -410	0 -450	0 -490	0 -530	0 -570	0 -610	0 -650	0 -690
d 9	-20 -45	-30 -60	-40 -76	-50 -93	-65 -117	-80 -142	-100 -174	-120 -207	-145 -245	-170 -285	-195 -315	-220 -345	-245 -375	-270 -405	-295 -435	-320 -465	-345 -495	-370 -525	-395 -555	-420 -585
c 11	-60 -120	-70 -145	-80 -170	-95 -205	-110 -240	-120 -280	-130 -320	-140 -360	-150 -390	-170 -450	-180 -480	-190 -510	-200 -540	-210 -570	-230 -600	-240 -630	-260 -660	-280 -700	-320 -740	-360 -780
a 11	-270 -330	-270 -345	-280 -370	-290 -400	-300 -430	-310 -470	-320 -510	-340 -550	-360 -600	-380 -650	-410 -700	-440 -750	-460 -800	-480 -850	-520 -900	-560 -950	-600 -1000	-640 -1050	-680 -1100	-720 -1150

ISO Passung Einheitswellen

ISO system of standardised fits for shafts
Tolleranze di accoppiamenti ISO, Sistema albero base

Übermaßpassung (Presspassung)

Interference fit (press fit)
Accoppiamento a interferenza (stabile)

Übergangspassung

Transition fit
Accoppiamento intermedio

Spielpassung

Clearance fit
Accoppiamento mobile

Wellentoleranz h

Shaft tolerance h
Tolleranza di foratura h

Spielpassungen

Clearance fit
Accoppiamento mobile

Übergangspassungen

Transition fit
Accoppiamento intermedio

Übermaßpassungen

Interference fit
Accoppiamento a interferenza

Nulllinie
Zero line
Linea dello zero

Nennmaß
Nominal size
Dimensione nominale

