

## TABLAS DE TOLERANCIAS

Diferencia fundamental	Desviación superior <b>ds</b>											
Posición	a	b	c	cd	d	e	ef	f	fg	g	h	js
Calidad	Todas las calidades											
$d \leq 3$	-270	-140	-60	-34	-20	-14	-10	-6	-4	-2	0	Para la posición js, $di = -IT/2$ y $ds = IT/2$
$3 < d \leq 6$	-270	-140	-70	-46	-30	-20	-14	-10	-6	-4	0	
$6 < d \leq 10$	-280	-150	-80	-56	-40	-25	-18	-13	-8	-5	0	
$10 < d \leq 14$	-290	-150	-95		-50	-32		-16		-6	0	
$14 < d \leq 18$												
$18 < d \leq 24$	-300	-160	-110		-65	-40		-20		-7	0	
$24 < d \leq 30$												
$30 < d \leq 40$	-310	-170	-120		-80	-50		-25		-9	0	
$40 < d \leq 50$	-320	-180	-130									
$50 < d \leq 65$	-340	-190	-140		-100	-60		-30		-10	0	
$65 < d \leq 80$	-360	-200	-150									
$80 < d \leq 100$	-380	-220	-170		-120	-72		-36		-12	0	
$100 < d \leq 120$	-410	-240	-180									
$120 < d \leq 140$	-460	-260	-200		-145	-85		-43		-14	0	
$140 < d \leq 160$	-520	-280	-210									
$160 < d \leq 180$	-580	-310	-230		-170	-100		-50		-15	0	
$180 < d \leq 200$	-660	-340	-240									
$200 < d \leq 225$	-740	-380	-260		-190	-110		-56		-17	0	
$225 < d \leq 250$	-820	-420	-280									
$250 < d \leq 280$	-920	-460	-300		-210	-125		-62		-18	0	
$280 < d \leq 315$	-1050	-540	-330									
$315 < d \leq 355$	-1200	-600	-360		-230	-135		-68		-20	0	
$355 < d \leq 400$	-1350	-680	-400									
$400 < d \leq 450$	1500	-760	-440		-230	-135		-68		-20	0	
$450 < d \leq 500$	1650	-840	-480									

Diferencia fundamental	Desviación inferior <b>di</b>																			
	j			k		m	n	p	r	s	t	u	v	x	y	z	za	zb	zc	
Calidad	IT5 IT6	IT7	IT8	4≤IT≤7	IT<4 IT>7	Todas las calidades														
d ≤ 3	-2	-4	-6	0	0	+2	+4	+6	+10	+14		+18		+20		+26	+32	+40	+60	
3 < d ≤ 6	-2	-4		+1	0	+4	+8	+12	+15	+19		+23		+28		+35	+42	+50	+80	
6 < d ≤ 10	-2	-5		+1	0	+6	+10	+15	+19	+23		+28		+34		+42	+52	+67	+97	
10 < d ≤ 14	-3	-6		+1	0	+7	+12	+18	+23	+28		+33		+40		+50	+64	+90	+130	
14 < d ≤ 18													+39	+45	+60	+77	+108	+150		
18 < d ≤ 24	-4	-8		+2	0	+8	+15	+22	+28	+35		+41	+47	+54	+63	+73	+98	+136	+188	
24 < d ≤ 30																				+41
30 < d ≤ 40	-5	-10		+2	0	+9	+17	+26	+34	+43		+48	+60	+68	+80	+94	+112	+148	+200	+274
40 < d ≤ 50																				
50 < d ≤ 65	-7	-12		+2	0	+11	+20	+32	+41	+53	+66	+87	+102	+122	+144	+172	+226	+300	+405	
65 < d ≤ 80									+43	+59	+75	+102	+120	+146	+174	+210	+274	+360	+480	
80 < d ≤ 100	-9	-15		+3	0	+13	+23	+37	+51	+71	+91	+124	+146	+178	+214	+258	+335	+445	+585	
100 < d ≤ 120									+54	+79	+104	+144	+172	+210	+254	+310	+400	+525	+690	
120 < d ≤ 140	-11	-18		+3	0	+15	+27	+43	+63	+92	+122	+170	+202	+248	+300	+365	+470	+620	+800	
140 < d ≤ 160									+65	+100	+134	+190	+228	+280	+340	+415	+535	+700	+900	
160 < d ≤ 180									+68	+108	+146	+210	+252	+310	+380	+465	+600	+780	+1000	
180 < d ≤ 200	-13	-21		+4	0	+17	+31	+50	+77	+122	+166	+236	+284	+350	+425	+520	+670	+880	+1150	
200 < d ≤ 225									+80	+130	+180	+258	+310	+385	+470	+575	+740	+960	+1250	
225 < d ≤ 250									+84	+140	+196	+284	+340	+425	+520	+640	+820	+1050	+1350	
250 < d ≤ 280	-16	-26		+4	0	+20	+34	+56	+94	+158	+218	+315	+385	+475	+580	+710	+920	+1200	+1550	
280 < d ≤ 315									+98	+170	+240	+350	+425	+525	+650	+790	+1000	+1300	+1700	
315 < d ≤ 355	-18	-28		+4	0	+21	+37	+62	+108	+190	+268	+390	+475	+590	+730	+900	+1150	+1500	+1900	
355 < d ≤ 400									+114	+208	+294	+435	+530	+660	+820	+1000	+1300	+1650	+2100	
400 < d ≤ 450	-20	-32		+5	0	+23	+40	+68	+126	+232	+330	+490	+595	+740	+920	+1100	+1450	+1850	+2400	
450 < d ≤ 500									+132	+252	+360	+540	+660	+820	+1000	+1250	+1600	+2100	+2600	

Diferencia fundamental	Desviación inferior <b>Ei</b>											
Posición	A	B	C	CD	D	E	EF	F	FG	G	H	JS
Calidad	Todas las calidades											
$d \leq 3$	270	140	60	34	20	14	10	6	4	2	0	DESVIACIÓN = $\pm(ITn)/2$ , donde n es el valor de IT
$3 < d \leq 6$	270	140	70	46	30	20	14	10	6	4	0	
$6 < d \leq 10$	280	150	80	56	40	25	18	13	8	5	0	
$10 < d \leq 14$	290	150	95		50	32		16		6	0	
$14 < d \leq 18$												
$18 < d \leq 24$	300	160	110		65	40		20		7	0	
$24 < d \leq 30$												
$30 < d \leq 40$	310	170	120		80	50		25		9	0	
$40 < d \leq 50$	320	180	130									
$50 < d \leq 65$	340	190	140		100	60		30		10	0	
$65 < d \leq 80$	360	200	150									
$80 < d \leq 100$	380	220	170		120	72		36		12	0	
$100 < d \leq 120$	410	240	180									
$120 < d \leq 140$	460	260	200		145	85		43		14	0	
$140 < d \leq 160$	520	280	210									
$160 < d \leq 180$	580	310	230		170	100		50		15	0	
$180 < d \leq 200$	660	340	240									
$200 < d \leq 225$	740	380	260		190	110		56		17	0	
$225 < d \leq 250$	820	420	280									
$250 < d \leq 280$	920	480	300		210	125		62		18	0	
$280 < d \leq 315$	1050	540	330									
$315 < d \leq 355$	1200	600	360		230	135		68		20	0	
$355 < d \leq 400$	1350	680	400									
$400 < d \leq 450$	1500	760	440									
$450 < d \leq 500$	1650	840	480									

