



ISO Hole Tolerance (ISO 286-2)

SIZE (mm)	3~6	6~10	10~18	18~30	30~40	40~50	50~65	65~80	80~100	100~120	120~140	140~160	160~180	180~200	200~225	225~250	250~280	280~315	315~355	355~400	
Standard Name		The following units are: μm																			
E6	Max size	28	34	43	53	66	79	94	110	129	142	161									
	Min size	20	25	32	40	50	60	72	85	100	110	125									
E7	Max size	32	40	50	61	75	90	107	125	146	162	185									
	Min size	20	25	32	40	50	60	72	85	100	110	125									
E11	Max size	95	115	142	170	210	250	292	335	390	430	485									
	Min size	20	25	32	40	50	60	72	85	100	110	125									
E12	Max size	140	175	212	250	300	360	422	485	560	630	695									
	Min size	20	25	32	40	50	60	75	85	100	110	125									
E13	Max size	200	245	302	370	440	520	612	715	820	920	1015									
	Min size	20	25	32	40	50	60	72	85	100	110	123									
F6	Max size	18	22	27	33	41	49	58	68	79	88	98									
	Min size	10	13	16	20	2	30	36	43	50	56	62									
F7	Max size	22	28	34	41	50	60	71	83	96	108	119									
	Min size	10	13	16	20	25	30	36	43	50	56	62									
F8	Max size	28	35	43	53	64	76	90	106	122	137	151									
	Min size	10	13	16	20	25	30	36	43	50	56	62									
G6	Max size	12	14	17	20	25	29	34	339	44	49	54									
	Min size	4	5	6	7	9	10	12	14	15	17	18									
G7	Max size	16	20	24	28	34	40	47	54	61	69	75									
	Min size	4	5	6	7	9	10	12	14	15	17	18									
G8	Max size	22	27	33	40	48	56	66	77	87	98	107									
	Min size	4	5	6	7	9	10	12	14	15	17	18									
H6	Max size	8	9	11	13	16	19	22	25	29	32	36									
	Min size	0	0	0	0	0	0	0	0	0	0	0									
H7	Max size	12	15	18	21	25	30	35	40	46	52	57									
	Min size	0	0	0	0	0	0	0	0	0	0	0									
H8	Max size	18	22	27	33	39	46	54	63	72	81	89									
	Min size	0	0	0	0	0	0	0	0	0	0	0									
H9	Max size	30	36	43	52	62	74	87	100	115	130	140									
	Min size	0	0	0	0	0	0	0	0	0	0	0									
H10	Max size	48	58	70	84	100	120	140	160	185	210	230									
	Min size	0	0	0	0	0	0	0	0	0	0	0									
H11	Max size	75	90	110	130	160	190	220	250	290	320	360									
	Min size	0	0	0	0	0	0	0	0	0	0	0									

J6	Max size	5	5	6	8	10	13	16	18	22	25	29								
	Min size	-3	-4	-5	-5	-6	-6	-6	-7	-7	-7	-7								
J7	Max size	6	8	10	12	14	18	22	26	30	36	39								
	Min size	-6	-7	-8	-9	-11	-12	-13	-14	-16	-16	-18								
J8	Max size	10	12	15	20	24	28	34	41	47	55	60								
	Min size	-8	-10	-12	-13	-15	-18	-20	-22	-25	-26	-29								
JS6	Max size	4	4.5	5.5	6.5	8	9.5	11	12.5	14.5	16	18								
	Min size	-4	-4.5	-5.5	-6.5	-8	-9.5	-11	-12.5	-14.5	-16	-18								
JS7	Max size	6	7.5	9	10.5	12.5	15	17.5	20	23	26	28.5								
	Min size	-6	-7.5	-9	-10.5	-12.5	-15	-17.5	-20	-23	-26	-28.5								
JS8	Max size	9	11	13.5	16.5	19.5	23	27	31.5	36	40.5	44.5								
	Min size	-9	-11	-13.5	-16.5	-19.5	-23	-27	-31.5	-36	-40.5	-44.5								
K6	Max size	2	2	2	2	3	4	4	4	5	5	7								
	Min size	-6	-7	-9	-11	-13	-15	-18	-21	-24	-27	-29								
K7	Max size	3	5	6	6	7	9	10	12	13	16	17								
	Min size	-9	-10	12	-15	-18	-21	-25	-28	-33	-36	-40								
K8	Max size	5	6	8	10	12	14	16	20	22	25	28								
	Min size	-13	-16	-19	-23	-27	-32	-38	-43	-50	-56	-61								
M6	Max size	-1	-3	-4	-4	-4	-5	-6	-8	-8	-9	-10								
	Min size	-9	-12	-15	-17	-20	-24	-28	-33	-39	-41	-46								
M7	Max size	0	0	0	0	0	0	0	0	0	0	0								
	Min size	-12	-15	-18	-21	-25	-30	-35	-40	-46	-52	-57								
M8	Max size	2	1	2	4	5	5	6	8	9	9	11								
	Min size	-16	-21	-25	-29	-34	-41	-48	-55	-63	-72	-78								
N6	Max size	-5	-7	-9	-11	-12	-14	-16	-20	-22	-25	-26								
	Min size	-13	-16	-20	-24	-28	-33	-38	-45	-51	-57	-62								
N7	Max size	-4	-4	-5	-7	-8	-9	-10	-12	-14	-14	-16								
	Min size	-16	-19	-23	-28	-33	-39	-45	-52	-60	-66	-73								
N8	Max size	-2	-3	-3	-3	-3	-4	-4	-4	-5	-5	-5								
	Min size	-20	-25	-30	-36	-42	-50	-58	-67	-77	-86	-94								
P6	Max size	-9	-12	-15	-18	-21	-26	-30	-36	-41	-47	-51								
	Min size	-17	-21	-26	-31	-37	-45	-52	-61	-70	-79	-87								
P7	Max size	-8	-9	-11	-14	-17	-21	-24	-18	-33	-36	-41								
	Min size	-20	-24	-29	-35	-42	-51	-59	-68	-79	-88	-98								
P9	Max size	-12	-15	-18	-22	-26	-32	-37	-43	-50	-56	-62								
	Min size	-30	-37	-45	-55	-65	-78	-91	-106	-122	-137	-151								
R6	Max size	-12	-16	-20	-24	-29	-35	-37	-44	-47	-56	-58	-61	-68	-71	-75	-85	-89	-97	-103
	Min size	-20	-25	-31	-37	-45	-54	-56	-66	-69	-81	-83	-86	-97	-100	-104	-117	-121	-133	-139
R7	Max size	-11	-13	-16	-20	-25	-30	-32	-38	-41	-48	-50	-53	-60	-63	-67	-74	-78	-87	-93
	Min size	-23	-28	-34	-41	-50	-60	-62	-73	-76	-88	-90	-93	-106	-109	-113	-126	-130	-144	-150