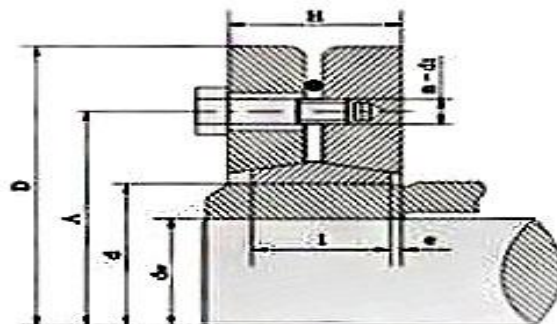


Z7A Type Locking Assembly Dimension Technical Data Table



Dimensions							Hexagon Socket Screw		Rated Load		MA N·m	kg
Model = d*D	d	D	dn	L	H	e	d1	n	Ft KN	Mt KN·m		
	mm											
Z7A-125X185	125	185	95	39	52	6	M10×40	8	242	11.5	58	6
			100						260	13		
			105						276	14.5		
Z7A-140X220	140	220	110	39	52	6	M10×40	10	391	16		8
			120						330	20		
			125						352	22		
Z7A-155X245	155	245	130	39	52	6	M10×40	12	385	25		10
			135						427	28.8		
			140						464	32.5		
Z7A-165X260	165	260	135	46	62	8	M12×50	10	474	32	100	14
			140						507	32.5		
			145						538	39		
Z7A-175X275	175	275	145	46	62	8	M12×50	10	538	39		16
			150						573	43		
			155						606	47		
Z7A-185X295	185	295	155	56	72	8	M12×50	12	632	49		20
			160						662	53		
			165						691	57		
Z7A-195X315	195	315	165	56	72	8	M12×55	15	800	66	27	
			170						835	71		
			175						869	76		

Z7A-220X345	220	345	180 190 200	66	84	9	M16×65	9	978 1063 1140	88 101 114	240	35
Z7A-240X370	240	370	200 210 215						12	1200 1276 1312		44
Z7A-260X395	260	395	220 230 235							1309 1384 1421		48
Z7A-280X425	280	425	230 240 250	84	10 4	10	M16×75	15	1478 1583 1680	170 190 210		60
Z7A-300X460	300	460	250 260 270						16	1704 1800 1889		75
Z7A-320X495	320	495	270 280 290							2076 2193 2300		84
Z7A-340X535	340	535	290 300 305	10 0	10 6	11	M16×80	18	2354 2547 2645	318 345 359		100
Z7A-360X555	360	555	300 310 320						20	382 410 438		125
Z7A-390X595	390	595	330 340 350							510 543 576		156
Z7A-420X630	420	630	350 360 370	12 0	12 4	12	M20×100	20	3371 3500 3620	590 630 670	470	185
Z7A-460X685	460	685	390 400 410						24	770 860 950		235
Z7A-500X750	500	750	420 430 440							1025 1125 1225		320

Note: The mechanical property grade of screws
for Z7A type locking assembly is 10.9.

Z7B Type Locking Assembly Dimension Technical Data Table

Dimensions							Hexagon Socket Screw		Rated Load		MA N·m	kg					
Model = d*D	d	D	dn	l	H	e	d1	n	Ft KN	Mt KN·m							
	mm																
Z7B-24X50	24	50	19	14	18	2	M5X15	6	17	0.17	5	0.2					
			20						21	0.21							
			21						23	0.25							
Z7B-30X60	30	60	24	16	20		M5X18		25	0.3			27	0.34	29	0.38	0.3
			25						26	0.38							
			26														
Z7B-30X60	36	72	28	18	22	2	M6X20	5	31	0.44	12	0.4					
			30						38,	0.57							
			31						40	0.63							
Z7B-44X80	44	80	34	20	24		M6X22		8	41			0.71	12	0.6		
			35							44			0.78				
			36							47	0.86						
Z7B-50X90	50	90	38	22	26	M6X22	8	49		0.94	12	0.8					
			40					58		1.16							
			42					65		1.38							
Z7B-55X100	55	100	42	23	29	3		M6X25	10	55			1.16	12	1.1		
			45							67			1.52				
			48							78	1.88						
Z7B-62X110	62	110	48	23	29		M6X25	10		73	1.75	12	1.3				
			50							80	2						
			52							86	2.25						
Z7B-68X115	68	115	50	23	29	M6X25	10		74	1.85	12			1.3			
			55						91	2.5							
			60						105	3.15							
Z7B-75X138	75	138	55	25	31	3		M8X30	8	87		2.4	29		1.2		
			60							106		3.2					
			65							121	3.95						
Z7B-80X145	80	145	60							106	3.2			1.9			

			65						120	3.9		
			70						131	4.6		
Z7B-90X155	90	155	65						146	4.75		
			70	30	38	4		10	171	6		3.3
			75						193	7.25		
Z7B-100X170	100	170	70						171	6		
			75	34	43	4.5	M8X35	12	200	7.5		4.7
			80						225	9		
Z7B-110X185	110	185	75						192	7.2		
			80	39	49	5		10	225	9		5.9
			85				M10X40		254	10.8		
Z7B-125X215	125	215	85						258	11		
			90	42	53	5.5		12	288	13		8.3
			95						315	15		
Z7B-140X230	140	230	95						317	15.1		
			100	46	58		M12×45	10	352	17.6		10
			105						382	20.1		
Z7B-155X263	155	263	105						419	22		
			110	50	62		M12×50	12	454	25		15
			115						487	28		
Z7B-165X290	165	290	115			7			539	31		
			120						583	35		
			125				M16×55	8	624	39		22
Z7B-175X300	175	300	125	56	68				640	40		
			130						677	44		
			135						711	48		
Z7B-185X330	185	330	135					10	815	55		
			140						857	60		37
			145						896	65		
Z7B-195X350	195	350	140						928	65		
			150	71	85	8	M16×65		1013	76		
			155					12	1052	81.5		41
Z7B-200X350	200	350	150						1040	78		
			155						1084	84		
			160						1125	90		
Z7B-220X370	220	370	160						1250	100		
			165	88	103	10	M16×75	15	1309	108	470	54

			170						1365	116		
			170						1412	120		
Z7B-240X405	240	405	180	92	107		M20×80		1533	138		67
			190					12	1642	156		
			190						1726	164		
Z7B-260X430	260	430	200	103	119		M20×85		1840	184		82
			210						1943	204		
			210						2062	217		
Z7B-280X460	280	460	220	114	132		M20×95	15	2227	245		102
			230						2374	273		
			230						2278	262		
Z7B-300X485	300	485	240					16	2442	293		118
			245						2514	308		
			240	122	140		M20×100		2550	306		
Z7B-320X520	320	520	250					18	2720	340		131
			260						2877	374		
			250						3152	394		
Z7B-340X570	340	570	260	134	155				3308	430		186
			270						3452	466		
			270						3393	458		
Z7B-350X590	350	590	280				M20×110	24	3572	500		
			285						3656	521		
			280	140	159	12			3622	507		204
Z7B-360X590	360	590	290						3793	550		
			295						3878	572		
		645	290						4069	590		
Z7B-380X645	380	300	4267					18	640			239
		310	4452						690			
			300	144	163		M24×120		4400	660	820	
Z7B-390X660	390	660	310					20	4580	710		260
			320						4750	760		
			330						4727	780		
Z7B-420X690	420	690	340	164	184			20	4940	840		316
			350						5143	900		
			340				M24×130		5235	890	820	
Z7B-440X750	440	750	350	172	192			24	5486	960		408
			360						5722	1030		

Z7B-460X770	460	770	360						5556	1000		420
			370						5784	1070		
			380						6000	1140		
Z7B-480X800	480	800	380	188	213	15	M24×140	28	6316	1200		505
			390						6513	1270		
			400						6700	1340		
Z7B-500X850	500	850	400	188	213	15	M24×150	24	7200	1440		575
			410						7415	1520		
			420						7619	1600		
Z7B-530X910	530	910	430	213	238	15	M27×160	30	8465	1820	1100	746
			440						8818	1940		
			450						9156	2060		
Z7B-560X940	560	940	450			18	M27×170	36	8889	2000		775
			460						9261	2130		
			470						9617	2260		
Z7B-590X980	590	980	470	228	260	18	M30×190	30	9574	2250	1640	900
			480						10000	2400		
			490						10410	2550		
Z7B-620X1020	620	1020	500	254	286	18	M30×200	40	10800	2700	1640	1080
			510						11220	2860		
			520						11620	3020		
Z7B-660X1070	660	1070	530	260	292	20	M33×240	45	11700	3100	2200	1190
			540						12150	3280		
			550						12580	3460		
Z7B-700X1180	700	1180	560			20	M33×240	40	12320	3450		1515
			575						12870	3700		
			590						13390	3950		
Z7B-750X1250	750	1250	600	278	310	20	M33×240	40	14670	4400		1785
			615						15280	4700		
			630						15870	5000		
Z7B-800X1370	800	1370	645	296	334	20	M33×240	40	16740	5400		2390
			660						17420	5750		
			670						18070	6100		
Z7B-900X1480	900	1480	720	332	370	20	M33×240	40	20000	7200		2930
			740						20950	7750		
			760						21840	8300		
Note: The mechanical property grade of screws												

Note: The mechanical property grade of screws

for Z7B type locking assembly is 10.9.

Z7C Type Locking Assembly Dimension Technical Data Table

Dimensions							Hexagon Socket Screw		Rated Load		MA N·m	kg
Model = d*D	d	D	dn	l	H	e	d1	n	Ft KN	Mt KN·m		
Z7C-140X230	140	230	95	60	74	7	M12×55	12	436	20.7	100	13
			100						480	24.0		
			105						518	27.2		
Z7C-155X263	155	263	105	66	80		M12×60	15	545	28.6		20
			110						591	32.5		
			115						633	36.4		
Z7C-165X290	165	290	115	72	88	8	M16×65	10	701	40.3	240	26
			120						758	45.5		
			125						811	50.7		
Z7C-175X300	175	300	125						832	52		29
			130						880	57.2		
			135						924	62.4		
Z7C-185X330	185	330	135	92	112	10	M16×80	15	1037	70		47
			140						1100	77		
			145						1159	84		
Z7C-200X350	200	350	145						1291	93		50
			150						1353	101.5		
			155						1409	109.2		
Z7C-220X370	220	370	160	114	134		M16×90	20	1625	130	240	65
			165						1703	140.5		
			170						1776	151		
Z7C-240X405	240	405	170	120	144	12	M20×100	15	1835	156	470	87
			180						1994	179.5		
			190						2137	203		
Z7C-260X430	260	430	190	136	160		M20×110	16	2242	213		100
			200						2390	239		
			210						2542	265		

Z7C-280X460	280	460	210	148	172		M20×110	20	2686	282		132
			220						2900	319		
			230						3087	355		
Z7C-300X485	300	485	230	152	176		M20×120		2965	341		140
			240						3175	381		
			245						3273	401		
Z7C-320X520	320	520	240	160	184		M20×130	24	3317	398		165
			250						3536	442		
			260						3738	486		
Z7C-340X570	340	570	250	176	200		M24×130	20	4080	510	820	240
			260						4307	560		
			270						4519	610		
Z7C-360X590	360	590	280	180	204		M24×140		4707	659		250
			290						4931	715		
			295						5044	744		
Z7C-390X660	390	660	300	188	212		M24×140	24	5733	860		350
			310						5903	915		
			320						6063	970		
Z7C-420X690	420	690	330	214	238		M24×150	28	6182	1020		410
			340						6470	1100		
			350						6743	1180		
Z7C-460X770	460	770	360	224	252	14	M27×170	24	7222	1300	1210	540
			370						7514	1390		
			380						7789	1480		
Z7C-500X850	500	850	400	246	274		M27×180	30	9400	1880		750
			410						9659	1980		
			420						9905	2080		

Note: The mechanical property grade of screws
for Z7C type locking assembly is 10.9.