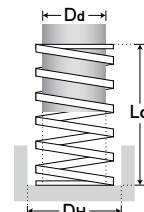


# TJB TOHATSU ISO STANDARD springs



Model 型号	Hole Diameter 孔径 DH (mm)	Rod Diameter 轴径 Dd (mm)	Free Length 自由长 Lo (mm)	Spring Constant 弹簧常数 R (N/mm)	Free length × 17.0% 3,000,000 cycles 自由长 × 17.0% 300万次		Free length × 20.0% 1,500,000 cycles 自由长 × 20.0% 150万次		Free length × 22.5% 500,000 cycles 自由长 × 22.5% 50万次		Free length × 25.0% 200,000 cycles 自由长 × 25.0% 20万次		Warning Cannot be used 不可使用 (mm)
					Deflection 压缩量 (mm)	Load 负荷 N[kgf]	Deflection 压缩量 (mm)	Load 负荷 N[kgf]	Deflection 压缩量 (mm)	Load 负荷 N[kgf]	Deflection 压缩量 (mm)	Load 负荷 N[kgf]	
TJB10-25	10.0 +0.58mm -0mm	5.0 +0mm -0.58mm	25	36.8	4.3	156	5.0	184	5.6	207	6.3	230	6.8
TJB10-32			32	28.8	5.4		6.4		7.2		8.0		8.6
TJB10-38			38	24.2	6.5		7.6		8.6		9.5		10.3
TJB10-44			44	20.9	7.5		8.8		9.9		11.0		11.9
TJB10-51			51	18.0	8.7		10.2		11.5		12.8		13.8
TJB10-64			64	14.4	10.9		12.8		14.4		16.0		17.3
TJB10-76			76	12.1	12.9		15.2		17.1		19.0		20.5
TJB10-89			89	10.3	15.1		17.8		20.0		22.3		24.0
TJB10-102			102	9.0	17.3		20.4		23.0		25.5		27.5
TJB10-305			305	3.0	51.9		61.0		68.6		76.3		82.4
TJB12.5-25	12.5 +0.7mm -0mm	6.3 +0mm -0.58mm	25	57.6	4.3	245	5.0	288	5.6	324	6.3	360	6.8
TJB12.5-32			32	45.0	5.4		6.4		7.2		8.0		8.6
TJB12.5-38			38	37.9	6.5		7.6		8.6		9.5		10.3
TJB12.5-44			44	32.7	7.5		8.8		9.9		11.0		11.9
TJB12.5-51			51	28.2	8.7		10.2		11.5		12.8		13.8
TJB12.5-64			64	22.5	10.9		12.8		14.4		16.0		17.3
TJB12.5-76			76	18.9	12.9		15.2		17.1		19.0		20.5
TJB12.5-89			89	16.2	15.1		17.8		20.0		22.3		24.0
TJB12.5-102			102	14.1	17.3		20.4		23.0		25.5		27.5
TJB12.5-115			115	12.5	19.6		23.0		25.9		28.8		31.1
TJB12.5-305	305	4.7	51.9	61.0	68.6	76.3	82.4						
TJB16-25	16.0 +0.7mm -0mm	8.0 +0mm -0.58mm	25	112.0	4.3	476	5.0	560	5.6	630	6.3	700	6.8
TJB16-32			32	87.5	5.4		6.4		7.2		8.0		8.6
TJB16-38			38	73.7	6.5		7.6		8.6		9.5		10.3
TJB16-44			44	63.6	7.5		8.8		9.9		11.0		11.9
TJB16-51			51	54.9	8.7		10.2		11.5		12.8		13.8
TJB16-64			64	43.8	10.9		12.8		14.4		16.0		17.3
TJB16-76			76	36.8	12.9		15.2		17.1		19.0		20.5
TJB16-89			89	31.5	15.1		17.8		20.0		22.3		24.0
TJB16-102			102	27.5	17.3		20.4		23.0		25.5		27.5
TJB16-115			115	24.3	19.6		23.0		25.9		28.8		31.1
TJB16-127	127	22.0	21.6	25.4	28.6	31.8	34.3						
TJB16-305	305	9.2	51.9	61.0	68.6	76.3	82.4						
TJB20-25	20.0 +0.84mm -0mm	10.0 +0mm -0.58mm	25	240.0	4.3	1,020	5.0	1,200	5.6	1,350	6.3	1,500	6.8
TJB20-32			32	187.5	5.4		6.4		7.2		8.0		8.6
TJB20-38			38	157.9	6.5		7.6		8.6		9.5		10.3
TJB20-44			44	136.4	7.5		8.8		9.9		11.0		11.9
TJB20-51			51	117.6	8.7		10.2		11.5		12.8		13.8
TJB20-64			64	93.8	10.9		12.8		14.4		16.0		17.3
TJB20-76			76	78.9	12.9		15.2		17.1		19.0		20.5
TJB20-89			89	67.4	15.1		17.8		20.0		22.3		24.0
TJB20-102			102	58.8	17.3		20.4		23.0		25.5		27.5
TJB20-115			115	52.2	19.6		23.0		25.9		28.8		31.1
TJB20-127			127	47.2	21.6		25.4		28.6		31.8		34.3
TJB20-139			139	43.2	23.6		27.8		31.3		34.8		37.5
TJB20-152			152	39.5	25.8		30.4		34.2		38.0		41.0
TJB20-178			178	33.7	30.3		35.6		40.1		44.5		48.1
TJB20-203			203	29.6	34.5		40.6		45.7		50.8		54.8
TJB20-305	305	19.7	51.9	61.0	68.6	76.3	82.4						
TJB25-32	25.0 +0.84mm -0mm	12.5 +0mm -0.7mm	32	312.5	5.4	1,700	6.4	2,000	7.2	2,250	8.0	2,500	8.6
TJB25-38			38	263.2	6.5		7.6		8.6		9.5		10.3
TJB25-44			44	227.3	7.5		8.8		9.9		11.0		11.9
TJB25-51			51	196.1	8.7		10.2		11.5		12.8		13.8
TJB25-64			64	156.3	10.9		12.8		14.4		16.0		17.3
TJB25-76			76	131.6	12.9		15.2		17.1		19.0		20.5
TJB25-89			89	112.4	15.1		17.8		20.0		22.3		24.0
TJB25-102			102	98.0	17.3		20.4		23.0		25.5		27.5

1N = 0.1daN = 0.102 kg      1mm = 0.0394 in.

Example order 订货例: [TJB] [10] - [25] ([M] [DH] - [Lo])

Model 型号	Hole Diameter 孔径 DH (mm)	Rod Diameter 轴径 Dd (mm)	Free Length 自由长 Lo (mm)	Spring Constant 弹簧常数 R (N/mm)	Free length×17.0% 3,000,000 cycles 自由长×17.0% 300万次		Free length×20.0% 1,500,000 cycles 自由长×20.0% 150万次		Free length×22.5% 500,000 cycles 自由长×22.5% 50万次		Free length×25.0% 200,000 cycles 自由长×25.0% 20万次		Warning Cannot be used 不可使用 (mm)						
					Deflection 压缩量 (mm)	Load 负荷 N[kgf]	Deflection 压缩量 (mm)	Load 负荷 N[kgf]	Deflection 压缩量 (mm)	Load 负荷 N[kgf]	Deflection 压缩量 (mm)	Load 负荷 N[kgf]							
TJB25-115	25.0 +0.84mm -0mm	12.5 +0mm -0.7mm	115	87.0	19.6	1,700	2,000	2,250	2,500	23.0	25.9	28.8	31.1						
TJB25-127			127	78.7	21.6					25.4	28.6	31.8	34.3						
TJB25-139			139	71.9	23.6					27.8	31.3	34.8	37.5						
TJB25-152			152	65.8	25.8					30.4	34.2	38.0	41.0						
TJB25-178			178	56.2	30.3					35.6	40.1	44.5	48.1						
TJB25-203			203	49.3	34.5					40.6	45.7	50.8	54.8						
TJB25-229			229	43.7	38.9					45.8	51.5	57.3	61.8						
TJB25-305			305	32.8	51.9					61.0	68.6	76.3	82.4						
TJB32-38	32.0 +1mm -0mm	16.0 +0mm -0.7mm	38	421.1	6.5	2,720	3,200	3,600	4,000	7.6	8.6	9.5	10.3						
TJB32-44			44	363.6	7.5					8.8	9.9	11.0	11.9						
TJB32-51			51	313.7	8.7					10.2	11.5	12.8	13.8						
TJB32-64			64	250.0	10.9					12.8	14.4	16.0	17.3						
TJB32-76			76	210.5	12.9					15.2	17.1	19.0	20.5						
TJB32-89			89	179.8	15.1					17.8	20.0	22.3	24.0						
TJB32-102			102	156.9	17.3					20.4	23.0	25.5	27.5						
TJB32-115			115	139.1	19.6					23.0	25.9	28.8	31.1						
TJB32-127			127	126.0	21.6					25.4	28.6	31.8	34.3						
TJB32-139			139	115.1	23.6					27.8	31.3	34.8	37.5						
TJB32-152			152	105.3	25.8					30.4	34.2	38.0	41.0						
TJB32-178			178	89.9	30.3					35.6	40.1	44.5	48.1						
TJB32-203			203	78.8	34.5					40.6	45.7	50.8	54.8						
TJB32-229			229	69.9	38.9					45.8	51.5	57.3	61.8						
TJB32-254			254	63.0	43.2					50.8	57.2	63.5	68.6						
TJB32-305			305	52.5	51.9					61.0	68.6	76.3	82.4						
TJB40-51	40.0 +1mm -0mm	20.0 +0mm -0.84mm	51	509.8	8.7	4,420	5,200	5,850	6,500	10.2	11.5	12.8	13.8						
TJB40-64			64	406.3	10.9					12.8	14.4	16.0	17.3						
TJB40-76			76	342.1	12.9					15.2	17.1	19.0	20.5						
TJB40-89			89	292.1	15.1					17.8	20.0	22.3	24.0						
TJB40-102			102	254.9	17.3					20.4	23.0	25.5	27.5						
TJB40-115			115	226.1	19.6					23.0	25.9	28.8	31.1						
TJB40-127			127	204.7	21.6					25.4	28.6	31.8	34.3						
TJB40-139			139	187.1	23.6					27.8	31.3	34.8	37.5						
TJB40-152			152	171.1	25.8					30.4	34.2	38.0	41.0						
TJB40-178			178	146.1	30.3					35.6	40.1	44.5	48.1						
TJB40-203			203	128.1	34.5					40.6	45.7	50.8	54.8						
TJB40-229			229	113.5	38.9					45.8	51.5	57.3	61.8						
TJB40-254			254	102.4	43.2					50.8	57.2	63.5	68.6						
TJB40-305			305	85.2	51.9					61.0	68.6	76.3	82.4						
TJB50-64			50.0 +1mm -0mm	25.0 +0mm -0.84mm	64					625.0	10.9	6,800	8,000	9,000	10,000	12.8	14.4	16.0	17.3
TJB50-76					76					526.3	12.9					15.2	17.1	19.0	20.5
TJB50-89	89	449.4			15.1	17.8	20.0	22.3	24.0										
TJB50-102	102	392.2			17.3	20.4	23.0	25.5	27.5										
TJB50-115	115	347.8			19.6	23.0	25.9	28.8	31.1										
TJB50-127	127	315.0			21.6	25.4	28.6	31.8	34.3										
TJB50-139	139	287.8			23.6	27.8	31.3	34.8	37.5										
TJB50-152	152	263.2			25.8	30.4	34.2	38.0	41.0										
TJB50-178	178	224.7			30.3	35.6	40.1	44.5	48.1										
TJB50-203	203	197.0			34.5	40.6	45.7	50.8	54.8										
TJB50-229	229	174.7			38.9	45.8	51.5	57.3	61.8										
TJB50-254	254	157.5			43.2	50.8	57.2	63.5	68.6										
TJB50-305	305	131.1			51.9	61.0	68.6	76.3	82.4										
TJB63-76	63.0 +1.2mm -0mm	38.0 +0mm -0.1mm			76	842.1	12.9	10,880	12,800	14,400	16,000					15.2	17.1	*	18.6
TJB63-89					89	719.1	15.1									17.8	20.0	*	21.8
TJB63-102					102	627.5	17.3									20.4	23.0	25.5	27.5
TJB63-115			115	556.5	19.6	23.0	25.9					28.8	31.1						
TJB63-127			127	503.9	21.6	25.4	28.6					31.8	34.3						
TJB63-152			152	421.1	25.8	30.4	34.2					38.0	41.0						
TJB63-178			178	359.6	30.3	35.6	40.1					44.5	48.1						
TJB63-203			203	315.3	34.5	40.6	45.7					50.8	54.8						
TJB63-229			229	279.5	38.9	45.8	51.5					57.3	61.8						
TJB63-254			254	252.0	43.2	50.8	57.2					63.5	68.6						
TJB63-305			305	209.8	51.9	61.0	68.6					76.3	82.4						

Example order 订货例: [TJB] [10] - [25] ([M] [DH] - [Lo])