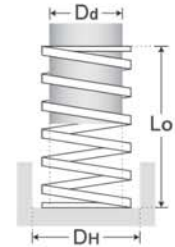


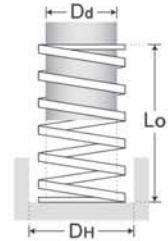


TJH TOHATSU ISO STANDARD springs



Referência	Diam. do Furo (mm)	Diam. do Pino (mm)	Compr. Total (mm)	Constante Elástica (N/mm)	20% do compr. total 3milhões ciclos estimados		25% do compr. total 1,5milhões de ciclos estimados		27.5% do compr. total 500mil ciclos estimados		30% do compr. total 200mil ciclos estimados		Compressão Total (mm)
					Deflexão	Carga	Deflexão	Carga	Deflexão	Carga	Deflexão	Carga	
TJH10-25	10.0 +0.58mm -0mm	5.0 +0mm -0.58mm	25	26.7	5.0	133	6.3	167	6.9	183	7.5	200	8.0
TJH10-32			32	20.8	6.4		8.0		8.8		9.6		10.2
TJH10-38			38	17.5	7.6		9.5		10.5		11.4		12.2
TJH10-44			44	15.2	8.8		11.0		12.1		13.2		14.1
TJH10-51			51	13.1	10.2		12.8		14.0		15.3		16.3
TJH10-64			64	10.4	12.8		16.0		17.6		19.2		20.5
TJH10-76			76	8.8	15.2		19.0		20.9		22.8		24.3
TJH10-89			89	7.5	17.8		22.3		24.5		26.7		28.5
TJH10-102			102	6.5	20.4		25.5		28.1		30.6		32.6
TJH10-305			305	2.2	61.0		76.3		83.9		91.5		97.6
TJH12.5-25	12.5 +0.7mm -0mm	6.3 +0mm -0.58mm	25	44.0	5.0	220	6.3	275	6.9	303	7.5	330	8.0
TJH12.5-32			32	34.4	6.4		8.0		8.8		9.6		10.2
TJH12.5-38			38	28.9	7.6		9.5		10.5		11.4		12.2
TJH12.5-44			44	25.0	8.8		11.0		12.1		13.2		14.1
TJH12.5-51			51	21.6	10.2		12.8		14.0		15.3		16.3
TJH12.5-64			64	17.2	12.8		16.0		17.6		19.2		20.5
TJH12.5-76			76	14.5	15.2		19.0		20.9		22.8		24.3
TJH12.5-89			89	12.4	17.8		22.3		24.5		26.7		28.5
TJH12.5-102			102	10.8	20.4		25.5		28.1		30.6		32.6
TJH12.5-115			115	9.6	23.0		28.8		31.6		34.5		36.8
TJH12.5-305	305	3.6	61.0	76.3	83.9	91.5	97.6						
TJH16-25	16.0 +0.7mm -0mm	8.0 +0mm -0.58mm	25	80.0	5.0	400	6.3	500	6.9	550	7.5	600	8.0
TJH16-32			32	62.5	6.4		8.0		8.8		9.6		10.2
TJH16-38			38	52.6	7.6		9.5		10.5		11.4		12.2
TJH16-44			44	45.5	8.8		11.0		12.1		13.2		14.1
TJH16-51			51	39.2	10.2		12.8		14.0		15.3		16.3
TJH16-64			64	31.3	12.8		16.0		17.6		19.2		20.5
TJH16-76			76	26.3	15.2		19.0		20.9		22.8		24.3
TJH16-89			89	22.5	17.8		22.3		24.5		26.7		28.5
TJH16-102			102	19.6	20.4		25.5		28.1		30.6		32.6
TJH16-115			115	17.4	23.0		28.8		31.6		34.5		36.8
TJH16-127	127	15.7	25.4	31.8	34.9	38.1	40.6						
TJH16-305	305	6.6	61.0	76.3	83.9	91.5	97.6						
TJH20-25	20.0 +0.84mm -0mm	10.0 +0mm -0.58mm	25	160.0	5.0	800	6.3	1,000	6.9	1,100	7.5	1,200	8.0
TJH20-32			32	125.0	6.4		8.0		8.8		9.6		10.2
TJH20-38			38	105.3	7.6		9.5		10.5		11.4		12.2
TJH20-44			44	90.9	8.8		11.0		12.1		13.2		14.1
TJH20-51			51	78.4	10.2		12.8		14.0		15.3		16.3
TJH20-64			64	62.5	12.8		16.0		17.6		19.2		20.5
TJH20-76			76	52.6	15.2		19.0		20.9		22.8		24.3
TJH20-89			89	44.9	17.8		22.3		24.5		26.7		28.5
TJH20-102			102	39.2	20.4		25.5		28.1		30.6		32.6
TJH20-115			115	34.8	23.0		28.8		31.6		34.5		36.8
TJH20-127	127	31.5	25.4	31.8	34.9	38.1	40.6						
TJH20-139	139	28.8	27.8	34.8	38.2	41.7	44.5						
TJH20-152	152	26.3	30.4	38.0	41.8	45.6	48.6						
TJH20-178	178	22.5	35.6	44.5	49.0	53.4	57.0						
TJH20-203	203	19.7	40.6	50.8	55.8	60.9	65.0						
TJH20-305	305	13.1	61.0	76.3	83.9	91.5	97.6						
TJH25-25	25.0 +0.84mm -0mm	12.5 +0mm -0.7mm	25	266.7	5.0	1,333	6.3	1,667	6.9	1,833	7.5	2,000	8.0
TJH25-32			32	208.3	6.4		8.0		8.8		9.6		10.2
TJH25-38			38	175.4	7.6		9.5		10.5		11.4		12.2
TJH25-44			44	151.5	8.8		11.0		12.1		13.2		14.1
TJH25-51			51	130.7	10.2		12.8		14.0		15.3		16.3
TJH25-64			64	104.2	12.8		16.0		17.6		19.2		20.5
TJH25-76			76	87.7	15.2		19.0		20.9		22.8		24.3
TJH25-89			89	74.9	17.8		22.3		24.5		26.7		28.5

TJH TOHATSU ISO STANDARD springs



Referência	Diam. do Furo (mm)	Diam. do Pino (mm)	Compr. Total (mm)	Constante Elástica (N/mm)	20% do compr. total 3milhões ciclos estimados		25% do compr. total 1,5milhões de ciclos estimados		27.5% do compr. total 500mil ciclos estimados		30% do compr. total 200mil ciclos estimados		Compressão Total (mm)
					Deflexão	Carga	Deflexão	Carga	Deflexão	Carga	Deflexão	Carga	
TJH25-102	25.0 +0.84mm -0mm	12.5 +0mm -0.7mm	102	65.4	20.4	1,333	25.5	1,667	28.1	1,833	30.6	2,000	32.6
TJH25-115			115	58.0	23.0		28.8		31.6		34.5		36.8
TJH25-127			127	52.5	25.4		31.8		34.9		38.1		40.6
TJH25-139			139	48.0	27.8		34.8		38.2		41.7		44.5
TJH25-152			152	43.9	30.4		38.0		41.8		45.6		48.6
TJH25-178			178	37.5	35.6		44.5		49.0		53.4		57.0
TJH25-203			203	32.8	40.6		50.8		55.8		60.9		65.0
TJH25-229			229	29.1	45.8		57.3		63.0		68.7		73.3
TJH25-305			305	21.9	61.0		76.3		83.9		91.5		97.6
TJH32-38	32.0 +1mm -0mm	16.0 +0mm -0.7mm	38	298.2	7.6	2,267	9.5	2,833	10.5	3,117	11.4	3,400	12.2
TJH32-44			44	257.6	8.8		11.0		12.1		13.2		14.1
TJH32-51			51	222.2	10.2		12.8		14.0		15.3		16.3
TJH32-64			64	177.1	12.8		16.0		17.6		19.2		20.5
TJH32-76			76	149.1	15.2		19.0		20.9		22.8		24.3
TJH32-89			89	127.3	17.8		22.3		24.5		26.7		28.5
TJH32-102			102	111.1	20.4		25.5		28.1		30.6		32.6
TJH32-115			115	98.6	23.0		28.8		31.6		34.5		36.8
TJH32-127			127	89.2	25.4		31.8		34.9		38.1		40.6
TJH32-139			139	81.5	27.8		34.8		38.2		41.7		44.5
TJH32-152			152	74.6	30.4		38.0		41.8		45.6		48.6
TJH32-178			178	63.7	35.6		44.5		49.0		53.4		57.0
TJH32-203			203	55.8	40.6		50.8		55.8		60.9		65.0
TJH32-229			229	49.5	45.8		57.3		63.0		68.7		73.3
TJH32-254			254	44.6	50.8		63.5		69.9		76.2		81.3
TJH32-305	305	37.2	61.0	76.3	83.9	91.5	97.6						
TJH40-51	40.0 +1mm -0mm	20.0 +0mm -0.84mm	51	326.8	10.2	3,333	12.8	4,167	14.0	4,583	15.3	5,000	16.3
TJH40-64			64	260.4	12.8		16.0		17.6		19.2		20.5
TJH40-76			76	219.3	15.2		19.0		20.9		22.8		24.3
TJH40-89			89	187.3	17.8		22.3		24.5		26.7		28.5
TJH40-102			102	163.4	20.4		25.5		28.1		30.6		32.6
TJH40-115			115	144.9	23.0		28.8		31.6		34.5		36.8
TJH40-127			127	131.2	25.4		31.8		34.9		38.1		40.6
TJH40-139			139	119.9	27.8		34.8		38.2		41.7		44.5
TJH40-152			152	109.6	30.4		38.0		41.8		45.6		48.6
TJH40-178			178	93.6	35.6		44.5		49.0		53.4		57.0
TJH40-203			203	82.1	40.6		50.8		55.8		60.9		65.0
TJH40-229			229	72.8	45.8		57.3		63.0		68.7		73.3
TJH40-254			254	65.6	50.8		63.5		69.9		76.2		81.3
TJH40-305			305	54.6	61.0		76.3		83.9		91.5		97.6
TJH50-64			50.0 +1mm -0mm	25.0 +0mm -0.84mm	64		390.6		12.8		5,000		16.0
TJH50-76	76	328.9			15.2	19.0	20.9	22.8	24.3				
TJH50-89	89	280.9			17.8	22.3	24.5	26.7	28.5				
TJH50-102	102	245.1			20.4	25.5	28.1	30.6	32.6				
TJH50-115	115	217.4			23.0	28.8	31.6	34.5	36.8				
TJH50-127	127	196.9			25.4	31.8	34.9	38.1	40.6				
TJH50-139	139	179.9			27.8	34.8	38.2	41.7	44.5				
TJH50-152	152	164.5			30.4	38.0	41.8	45.6	48.6				
TJH50-178	178	140.4			35.6	44.5	49.0	53.4	57.0				
TJH50-203	203	123.2			40.6	50.8	55.8	60.9	65.0				
TJH50-229	229	109.2			45.8	57.3	63.0	68.7	73.3				
TJH50-254	254	98.4			50.8	63.5	69.9	76.2	81.3				
TJH50-305	305	82.0			61.0	76.3	83.9	91.5	97.6				

Referência	Diam. do Furo (mm)	Diam. do Pino (mm)	Compr. Total (mm)	Constante Elástica (N/mm)	20% do compr. total 3 milhões ciclos estimados		25% do compr. total 1,5 milhões de ciclos estimados		27.5% do compr. total 500mil ciclos estimados		30% do compr. total 200mil ciclos estimados		Compressão Total (mm)
					Deflexão	Carga	Deflexão	Carga	Deflexão	Carga	Deflexão	Carga	
TJH63-76			76	526.3	15.2		19.0		20.9		22.8		24.3
TJH63-89			89	449.4	17.8		22.3		24.5		26.7		28.5
TJH63-102			102	392.2	20.4		25.5		28.1		30.6		32.6
TJH63-115			115	347.8	23.0		28.8		31.6		34.5		36.8
TJH63-127	63.0	38.0	127	315.0	25.4		31.8		34.9		38.1		40.6
TJH63-152	+1.2mm	+0mm	152	263.2	30.4	8,000	38.0	10,000	41.8	11,000	45.6	12,000	48.6
TJH63-178	-0mm	-0.1mm	178	224.7	35.6		44.5		49.0		53.4		57.0
TJH63-203			203	197.0	40.6		50.8		55.8		60.9		65.0
TJH63-229			229	174.7	45.8		57.3		63.0		68.7		73.3
TJH63-254			254	157.5	50.8		63.5		69.9		76.2		81.3
TJH63-305			305	131.1	61.0		76.3		83.9		91.5		97.6