



# Springs - Compression - Conical

10/4/2018

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## INFORMATION

### Conical 302 Stainless steel springs

Solid height lower than a standard compression spring due to the conical shape

Ends are closed

Starting rate is the same as the kg/mm rate

This catalogue to be read in conjunction with information at <http://www.minibearings.com.au//partslist/shockabsorbers/springs/all/1/>

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Part Number	Large End OD mm	Free Length mm	Small End OD mm	Inside Diameter Clearance mm	Wire Diameter mm	Rate kg/mm	Inside Diameter mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>
CSC-064-004-03-M	6.4 <i>0.252</i>	4.0 <i>0.157</i>	5.2 <i>0.205</i>	4.5 <i>0.177</i>	0.33 <i>0.013</i>	0.0657	4.5 <i>0.177</i>
CSC-071-014-06-M	7.1 <i>0.280</i>	14.3 <i>0.563</i>	4.8 <i>0.189</i>	3.5 <i>0.138</i>	0.61 <i>0.024</i>	0.1069	3.5 <i>0.138</i>
CSC-075-017-07-M	7.5 <i>0.295</i>	17.5 <i>0.689</i>	5.2 <i>0.205</i>	3.8 <i>0.150</i>	0.69 <i>0.027</i>	0.2159	3.8 <i>0.150</i>
CSC-079-023-07-M	7.9 <i>0.311</i>	23.0 <i>0.906</i>	5.9 <i>0.232</i>	4.5 <i>0.177</i>	0.71 <i>0.028</i>	0.1101	4.5 <i>0.177</i>
CSC-079-024-04-M	7.9 <i>0.311</i>	23.8 <i>0.937</i>	4.8 <i>0.189</i>	4 <i>0.157</i>	0.38 <i>0.015</i>	0.0109	4 <i>0.157</i>
CSC-095-008-06-M	9.5 <i>0.374</i>	8.0 <i>0.315</i>	4.8 <i>0.189</i>	3.6 <i>0.142</i>	0.56 <i>0.022</i>	0.1006	3.6 <i>0.142</i>
CSC-095-011-09-M	9.5 <i>0.374</i>	10.7 <i>0.421</i>	6.8 <i>0.268</i>	5 <i>0.197</i>	0.89 <i>0.035</i>	0.5771	5 <i>0.197</i>
# CSC-095-019-06-M	9.5 <i>0.374</i>	19.1 <i>0.752</i>	4.8 <i>0.189</i>	3.6 <i>0.142</i>	0.56 <i>0.022</i>	0.0503	3.6 <i>0.142</i>
CSC-095-022-04-M	9.5 <i>0.374</i>	22.2 <i>0.874</i>	5.6 <i>0.220</i>	4.8 <i>0.189</i>	0.38 <i>0.015</i>	0.0055	4.8 <i>0.189</i>
# CSC-095-029-06-M	9.5 <i>0.374</i>	28.6 <i>1.126</i>	6.4 <i>0.252</i>	5.2 <i>0.205</i>	0.56 <i>0.022</i>	0.0267	5.2 <i>0.205</i>

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>
CSC-099-010-05-M	9.9 <i>0.390</i>	9.6 <i>0.378</i>	8.5 <i>0.335</i>	7.6 <i>0.299</i>	0.46 <i>0.018</i>	0.0286	7.6 <i>0.299</i>
CSC-103-006-05-M	10.3 <i>0.406</i>	5.6 <i>0.220</i>	7.9 <i>0.311</i>	6.9 <i>0.272</i>	0.51 <i>0.020</i>	0.046	6.9 <i>0.272</i>
CSC-103-010-06-M	10.3 <i>0.406</i>	10.3 <i>0.406</i>	6.4 <i>0.252</i>	5.6 <i>0.220</i>	0.58 <i>0.023</i>	0.0124	5.6 <i>0.220</i>
CSC-103-013-08-M	10.3 <i>0.406</i>	12.7 <i>0.500</i>	7.9 <i>0.311</i>	6.4 <i>0.252</i>	0.76 <i>0.030</i>	0.1273	6.4 <i>0.252</i>
CSC-103-019-07-M	10.3 <i>0.406</i>	19.1 <i>0.752</i>	7.5 <i>0.295</i>	6.1 <i>0.240</i>	0.71 <i>0.028</i>	0.0453	6.1 <i>0.240</i>
CSC-107-011-05-M	10.7 <i>0.421</i>	11.1 <i>0.437</i>	6.8 <i>0.268</i>	5.7 <i>0.224</i>	0.51 <i>0.020</i>	0.0265	5.7 <i>0.224</i>
CSC-107-019-06-M	10.7 <i>0.421</i>	19.1 <i>0.752</i>	8.3 <i>0.327</i>	7.2 <i>0.283</i>	0.56 <i>0.022</i>	0.0218	7.2 <i>0.283</i>
# CSC-111-006-11-M	11.1 <i>0.437</i>	6.4 <i>0.252</i>	8.7 <i>0.343</i>	6.5 <i>0.256</i>	1.09 <i>0.043</i>	1.2152	6.5 <i>0.256</i>
CSC-111-015-09-M	11.1 <i>0.437</i>	15.1 <i>0.594</i>	9.1 <i>0.358</i>	7.3 <i>0.287</i>	0.89 <i>0.035</i>	0.3107	7.3 <i>0.287</i>
CSC-119-014-04-M	11.9 <i>0.469</i>	14.3 <i>0.563</i>	7.1 <i>0.280</i>	6.3 <i>0.248</i>	0.41 <i>0.016</i>	0.0045	6.3 <i>0.248</i>

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Part Number	Large End OD mm	Free Length mm	Small End OD mm	Inside Diameter Clearance mm	Wire Diameter mm	Rate kg/mm	Inside Diameter mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>
CSC-123-013-10-M	12.3 <i>0.484</i>	12.7 <i>0.500</i>	7.5 <i>0.295</i>	5.5 <i>0.217</i>	1.02 <i>0.040</i>	0.5343	5.5 <i>0.217</i>
CSC-123-022-06-M	12.3 <i>0.484</i>	22.2 <i>0.874</i>	4.4 <i>0.173</i>	3.2 <i>0.126</i>	0.58 <i>0.023</i>	0.0421	3.2 <i>0.126</i>
CSC-123-029-10-M	12.3 <i>0.484</i>	28.6 <i>1.126</i>	7.5 <i>0.295</i>	5.4 <i>0.213</i>	1.04 <i>0.041</i>	0.186	5.4 <i>0.213</i>
CSC-143-022-04-M	14.3 <i>0.563</i>	22.2 <i>0.874</i>	11.1 <i>0.437</i>	10.3 <i>0.406</i>	0.43 <i>0.017</i>	0.0036	10.3 <i>0.406</i>
# CSC-143-022-10-M	14.3 <i>0.563</i>	22.2 <i>0.874</i>	11.1 <i>0.437</i>	9.1 <i>0.358</i>	1.02 <i>0.040</i>	0.0784	9.1 <i>0.358</i>
# CSC-143-027-09-M	14.3 <i>0.563</i>	27.0 <i>1.063</i>	8.7 <i>0.343</i>	6.9 <i>0.272</i>	0.89 <i>0.035</i>	0.0576	6.9 <i>0.272</i>
# CSC-159-010-07-M	15.9 <i>0.626</i>	9.5 <i>0.374</i>	9.5 <i>0.374</i>	8.1 <i>0.319</i>	0.74 <i>0.029</i>	0.0757	8.1 <i>0.319</i>
CSC-159-017-08-M	15.9 <i>0.626</i>	17.5 <i>0.689</i>	10.3 <i>0.406</i>	8.7 <i>0.343</i>	0.79 <i>0.031</i>	0.0807	8.7 <i>0.343</i>
# CSC-163-029-08-M	16.3 <i>0.642</i>	28.6 <i>1.126</i>	12.7 <i>0.500</i>	11.2 <i>0.441</i>	0.76 <i>0.030</i>	0.0143	11.2 <i>0.441</i>
CSC-170-020-08-M	17.0 <i>0.669</i>	19.8 <i>0.780</i>	11.1 <i>0.437</i>	9.6 <i>0.378</i>	0.79 <i>0.031</i>	0.0288	9.6 <i>0.378</i>

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>
# CSC-175-021-08-M	17.5 <i>0.689</i>	20.6 <i>0.811</i>	12.7 <i>0.500</i>	11.1 <i>0.437</i>	0.79 <i>0.031</i>	0.0387	11.1 <i>0.437</i>
CSC-175-024-07-M	17.5 <i>0.689</i>	23.8 <i>0.937</i>	12.7 <i>0.500</i>	11.4 <i>0.449</i>	0.66 <i>0.026</i>	0.014	11.4 <i>0.449</i>
CSC-182-016-08-M	18.2 <i>0.717</i>	15.9 <i>0.626</i>	11.1 <i>0.437</i>	9.6 <i>0.378</i>	0.79 <i>0.031</i>	0.0632	9.6 <i>0.378</i>
CSC-191-014-06-M	19.1 <i>0.752</i>	14.3 <i>0.563</i>	9.1 <i>0.358</i>	7.8 <i>0.307</i>	0.64 <i>0.025</i>	0.0131	7.8 <i>0.307</i>
CSC-191-017-10-M	19.1 <i>0.752</i>	17.5 <i>0.689</i>	10.7 <i>0.421</i>	8.8 <i>0.346</i>	0.97 <i>0.038</i>	0.0711	8.8 <i>0.346</i>
CSC-191-027-05-M	19.1 <i>0.752</i>	27.0 <i>1.063</i>	12.7 <i>0.500</i>	11.7 <i>0.461</i>	0.48 <i>0.019</i>	0.0038	11.7 <i>0.461</i>
CSC-206-036-08-M	20.6 <i>0.811</i>	36.3 <i>1.429</i>	17.5 <i>0.689</i>	15.9 <i>0.626</i>	0.79 <i>0.031</i>	0.0186	15.9 <i>0.626</i>
CSC-218-046-16-M	21.8 <i>0.858</i>	46.1 <i>1.815</i>	13.9 <i>0.547</i>	10.7 <i>0.421</i>	1.57 <i>0.062</i>	0.1797	10.7 <i>0.421</i>
# CSC-222-035-08-M	22.2 <i>0.874</i>	34.9 <i>1.374</i>	9.5 <i>0.374</i>	7.9 <i>0.311</i>	0.81 <i>0.032</i>	0.0204	7.9 <i>0.311</i>
CSC-238-014-10-M	23.8 <i>0.937</i>	14.3 <i>0.563</i>	19.1 <i>0.752</i>	17.1 <i>0.673</i>	0.99 <i>0.039</i>	0.0992	17.1 <i>0.673</i>

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>
CSC-238-016-11-M	23.8 <i>0.937</i>	15.9 <i>0.626</i>	15.1 <i>0.594</i>	12.8 <i>0.504</i>	1.14 <i>0.045</i>	0.1402	12.8 <i>0.504</i>
# CSC-238-025-12-M	23.8 <i>0.937</i>	25.4 <i>1.000</i>	17.5 <i>0.689</i>	15.1 <i>0.594</i>	1.17 <i>0.046</i>	0.0635	15.1 <i>0.594</i>
# CSC-254-019-09-M	25.4 <i>1.000</i>	19.1 <i>0.752</i>	17.3 <i>0.681</i>	15.5 <i>0.610</i>	0.89 <i>0.035</i>	0.0258	15.5 <i>0.610</i>
# CSC-270-014-13-M	27.0 <i>1.063</i>	14.3 <i>0.563</i>	15.9 <i>0.626</i>	13.3 <i>0.524</i>	1.27 <i>0.050</i>	0.16	13.3 <i>0.524</i>
# CSC-286-040-17-M	28.6 <i>1.126</i>	39.7 <i>1.563</i>	21.3 <i>0.839</i>	18 <i>0.709</i>	1.65 <i>0.065</i>	0.1088	18 <i>0.709</i>
# CSC-286-060-12-M	28.6 <i>1.126</i>	60.3 <i>2.374</i>	20.2 <i>0.795</i>	17.9 <i>0.705</i>	1.17 <i>0.046</i>	0.0292	17.9 <i>0.705</i>
CSC-292-060-12-M	29.2 <i>1.150</i>	59.9 <i>2.358</i>	14.3 <i>0.563</i>	11.9 <i>0.469</i>	1.19 <i>0.047</i>	0.0458	11.9 <i>0.469</i>
# CSC-318-019-13-M	31.8 <i>1.252</i>	19.1 <i>0.752</i>	27.0 <i>1.063</i>	24.4 <i>0.961</i>	1.3 <i>0.051</i>	0.1122	24.4 <i>0.961</i>
# CSC-365-019-16-M	36.5 <i>1.437</i>	19.1 <i>0.752</i>	28.6 <i>1.126</i>	25.4 <i>1.000</i>	1.57 <i>0.062</i>	0.1215	25.4 <i>1.000</i>
# CSC-381-051-13-M	38.1 <i>1.500</i>	50.8 <i>2.000</i>	25.4 <i>1.000</i>	22.9 <i>0.902</i>	1.27 <i>0.050</i>	0.0202	22.9 <i>0.902</i>

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>
# CSC-460-053-31-M	46.0 <i>1.811</i>	53.0 <i>2.087</i>	38.1 <i>1.500</i>	32.4 <i>1.276</i>	3.1 <i>0.122</i>	0.3825	32.4 <i>1.276</i>
# CSC-667-075-41-M	66.7 <i>2.626</i>	74.6 <i>2.937</i>	51.6 <i>2.031</i>	43.4 <i>1.709</i>	4.11 <i>0.162</i>	0.4334	43.4 <i>1.709</i>

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