



Springs - Neoprene

10/4/2018

Indicates item not stocked at time of printing - Please enquire for lead time

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MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

INFORMATION

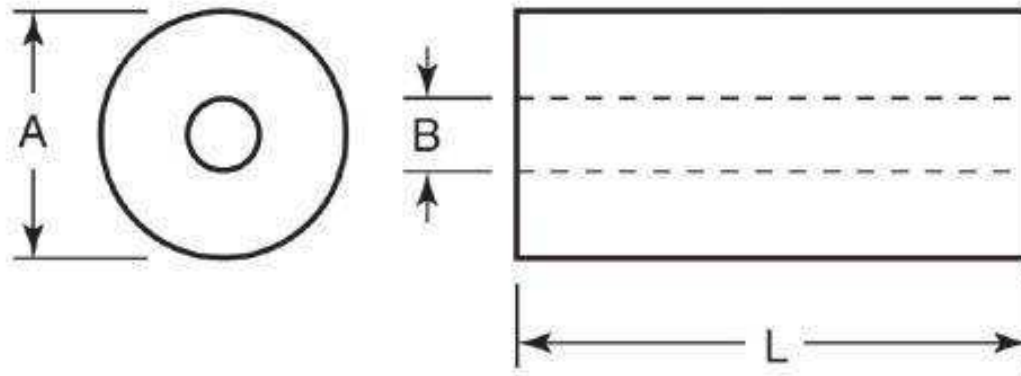
Neoprene elastomer springs have proven to be the safest, most efficient material for punching, stamping and drawing dies.

Major advantages include high loads, increased durability, better performance, no maintenance and long life.

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Part Number	Outside Diameter (A) mm <i>inches</i>	Inside Diameter (B) mm <i>inches</i>	Free Length (L) mm <i>inches</i>	Spring Rate N/mm Deflection	Max. Rec. Deflection mm <i>inches</i>	Approx. Load at Max Deflection Kg
# CSN-0160-012	16.0 <i>0.630</i>	6.4 <i>0.252</i>	11.9 <i>0.469</i>	76.4	4.32 <i>0.170</i>	26.9
# CSN-0160-016	16.0 <i>0.630</i>	6.4 <i>0.252</i>	15.9 <i>0.626</i>	61.8	5.59 <i>0.220</i>	28.7
# CSN-0160-020	16.0 <i>0.630</i>	6.4 <i>0.252</i>	19.8 <i>0.780</i>	51.1	6.86 <i>0.270</i>	29.9
# CSN-0160-025	16.0 <i>0.630</i>	6.4 <i>0.252</i>	25.4 <i>1.000</i>	41.3	8.64 <i>0.340</i>	31.0
# CSN-0200-016	20.0 <i>0.787</i>	8.4 <i>0.331</i>	15.9 <i>0.626</i>	106.8	5.59 <i>0.220</i>	49.6
# CSN-0200-020	20.0 <i>0.787</i>	8.4 <i>0.331</i>	19.8 <i>0.780</i>	84.4	7.11 <i>0.280</i>	49.3
# CSN-0200-025	20.0 <i>0.787</i>	8.4 <i>0.331</i>	25.4 <i>1.000</i>	66.7	8.89 <i>0.350</i>	49.6
# CSN-0200-032	20.0 <i>0.787</i>	8.4 <i>0.331</i>	31.8 <i>1.252</i>	50.3	11.18 <i>0.440</i>	47.0
# CSN-0254-032	25.4 <i>1.000</i>	2.5 <i>0.098</i>	31.8 <i>1.252</i>	91.8	11.18 <i>0.440</i>	85.5
# CSN-0254-020	25.4 <i>1.000</i>	10.4 <i>0.409</i>	19.8 <i>0.780</i>	137.8	7.11 <i>0.280</i>	80.2

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# CSN-0254-025	25.4 <i>1.000</i>	10.4 <i>0.409</i>	25.4 <i>1.000</i>	104.7	8.89 <i>0.350</i>	78.0
# CSN-0254-040	25.4 <i>1.000</i>	10.4 <i>0.409</i>	39.7 <i>1.563</i>	77.1	13.97 <i>0.550</i>	90.0
# CSN-0318-032	31.8 <i>1.252</i>	13.5 <i>0.531</i>	31.8 <i>1.252</i>	180.6	11.18 <i>0.440</i>	168.3
# CSN-0318-040	31.8 <i>1.252</i>	13.5 <i>0.531</i>	40.1 <i>1.579</i>	145.0	13.97 <i>0.550</i>	175.8
# CSN-0318-050	31.8 <i>1.252</i>	13.5 <i>0.531</i>	50.0 <i>1.969</i>	114.0	17.53 <i>0.690</i>	170.2
# CSN-0318-064	31.8 <i>1.252</i>	13.5 <i>0.531</i>	63.5 <i>2.500</i>	90.5	22.10 <i>0.870</i>	168.7
# CSN-0396-032	39.6 <i>1.559</i>	13.5 <i>0.531</i>	31.8 <i>1.252</i>	313.5	11.18 <i>0.440</i>	292.2
# CSN-0396-040	39.6 <i>1.559</i>	13.5 <i>0.531</i>	40.1 <i>1.579</i>	252.0	13.97 <i>0.550</i>	304.6
# CSN-0396-050	39.6 <i>1.559</i>	13.5 <i>0.531</i>	50.0 <i>1.969</i>	201.0	17.53 <i>0.690</i>	300.1
# CSN-0396-064	39.6 <i>1.559</i>	13.5 <i>0.531</i>	63.5 <i>2.500</i>	163.0	22.10 <i>0.870</i>	304.2

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	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>	
# CSN-0396-080	39.6 <i>1.559</i>	13.5 <i>0.531</i>	80.2 <i>3.157</i>	130.3	27.94 <i>1.100</i>	309.8
# CSN-0508-064	50.8 <i>2.000</i>	16.8 <i>0.661</i>	63.5 <i>2.500</i>	259.5	22.10 <i>0.870</i>	484.1
# CSN-0635-064	63.5 <i>2.500</i>	16.8 <i>0.661</i>	63.5 <i>2.500</i>	400.3	22.10 <i>0.870</i>	746.5
# CSN-0800-064	80.0 <i>3.150</i>	21.1 <i>0.831</i>	63.5 <i>2.500</i>	800.7	22.10 <i>0.870</i>	1493.0
# CSN-1001-064	100.1 <i>3.941</i>	21.1 <i>0.831</i>	63.5 <i>2.500</i>	1126.9	22.10 <i>0.870</i>	2101.7

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