



Springs - Die - Imperial - Extra Heavy Duty

10/4/2018

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

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INFORMATION

Vapor degassed high tensile strength chromium alloy steel. Spring ends are ground square. Designed for long life cycle with constant high end deflections and shot peened to increase fatigue life.

Colour coded green

Efficient operating range is 15 to 20 percent of the length

Maximum deflection is 25 percent of the length

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Part Number	Hole Diameter (A) mm	Rod Diameter (B) mm	Length (L) mm	Load at 2.5mm Deflection N	Load at 25 % Deflection N	Colour
	<i>inches</i>	<i>inches</i>	<i>inches</i>			
# DS-095-025-EHD	9.525 <i>0.375</i>	4.763 <i>0.188</i>	25.400 <i>1.000</i>	97.9	195.7	Green
# DS-127-025-EHD	12.700 <i>0.500</i>	7.144 <i>0.281</i>	25.400 <i>1.000</i>	142.3	284.7	Green
# DS-191-025-EHD	19.050 <i>0.750</i>	9.525 <i>0.375</i>	25.400 <i>1.000</i>	222.4	1112.1	Green
# DS-191-032-EHD	19.050 <i>0.750</i>	9.525 <i>0.375</i>	31.750 <i>1.250</i>	302.5	1209.9	Green
# DS-191-051-EHD	19.050 <i>0.750</i>	9.525 <i>0.375</i>	50.800 <i>2.000</i>	489.3	1223.3	Green
# DS-191-064-EHD	19.050 <i>0.750</i>	9.525 <i>0.375</i>	63.500 <i>2.500</i>	622.8	1245.5	Green
# DS-254-038-EHD	25.400 <i>1.000</i>	12.700 <i>0.500</i>	38.100 <i>1.500</i>	711.7	2135.1	Green
# DS-254-051-EHD	25.400 <i>1.000</i>	12.700 <i>0.500</i>	50.800 <i>2.000</i>	516	2064.0	Green
# DS-318-064-EHD	31.750 <i>1.250</i>	15.875 <i>0.625</i>	63.500 <i>2.500</i>	1309.6	6547.8	Green

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