

Extra Heavy Duty - Green

Extra Heavy Duty Die Springs (Green) – SEH

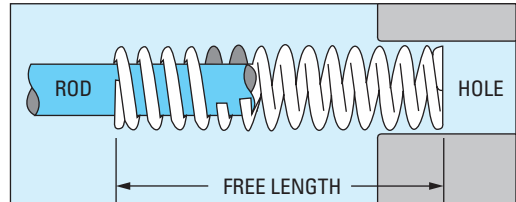
Maximum Deflection: 25% of Free Length

Efficient Operating Range: 15% of Free Length

Manufactured by Raymond® from a special rectangular-shaped, round-cornered chromium alloy. Provides high resistance to shock loads, increased deflection, wider operating temperatures and longer life. Color-coded by work range to simplify selection and specification.



(LBS x .454 = kg)



HOLE DIA	ROD DIA	ITEM NUMBER	FREE LENGTH		APPROX LOAD AT 1/10" DEFLEC. (LBS)	LOAD AT 25% DEFLEC. (LBS)
			INCH	MM		
3/8 9.5MM	3/16 4.7MM	SEH1004	1.00	25.40	22.0	55.0
		SEH1005	1.25	31.75	16.0	50.0
		SEH1006	1.50	38.10	12.5	46.9
		SEH1007	1.75	44.45	11.5	50.3
		SEH1008	2.00	50.80	9.0	45.0
		SEH1010	2.50	63.50	7.0	43.8
		SEH1012	3.00	76.20	6.5	48.8
1/2 13MM	9/32 7MM	SEH1048	12.00	304.80	1.5	45.0
		SEH2004	1.00	25.40	32.0	80.0
		SEH2005	1.25	31.75	24.0	75.0
		SEH2006	1.50	38.10	20.0	75.0
		SEH2007	1.75	44.45	17.0	74.4
		SEH2008	2.00	50.80	14.0	70.0
		SEH2010	2.50	63.50	11.5	71.9
		SEH2012	3.00	76.20	9.0	67.5
		SEH2014	3.50	88.90	8.0	70.0
		SEH2048	12.00	304.80	2.5	75.0
5/8 16MM	11/32 8.7MM	SEH3004	1.00	25.40	63.0	157.5
		SEH3005	1.25	31.75	47.0	146.9
		SEH3006	1.50	38.10	38.0	142.5
		SEH3007	1.75	44.45	32.0	140.0
		SEH3008	2.00	50.80	29.0	145.0
		SEH3010	2.50	63.50	22.0	137.5
		SEH3012	3.00	76.20	19.0	142.5
		SEH3014	3.50	88.90	16.0	140.0
		SEH3016	4.00	101.60	13.5	135.0
		SEH3048	12.00	304.80	4.5	135.0
3/4 19.5MM	3/8 9.5MM	SEH4004	1.00	25.40	140.0	350.0
		SEH4005	1.25	31.75	110.0	343.8
		SEH4006	1.50	38.10	89.0	333.8
		SEH4007	1.75	44.45	75.0	328.1
		SEH4008	2.00	50.80	68.0	340.0
		SEH4010	2.50	63.50	50.0	312.5
		SEH4012	3.00	76.20	40.5	303.8
		SEH4014	3.50	88.90	34.5	301.9
		SEH4016	4.00	101.60	30.0	300.0
		SEH4018	4.50	114.30	26.5	298.1
		SEH4020	5.00	127.00	23.5	293.8
		SEH4022	5.50	139.70	21.5	295.6
		SEH4024	6.00	152.40	19.5	292.5
		SEH4048	12.00	304.80	9.5	285.0
		1" 25.5MM	1/2 13MM	SEH5006	1.50	38.10
SEH5008	2.00			50.80	116.0	580.0
SEH5010	2.50			63.50	89.6	560.0
SEH5012	3.00			76.20	73.6	552.0
SEH5014	3.50			88.90	62.4	546.0
SEH5016	4.00			101.60	55.2	552.0
SEH5018	4.50			114.30	48.8	549.0
SEH5020	5.00			127.00	43.2	540.0
SEH5024	6.00			152.40	36.0	540.0
SEH5048	12.00			304.80	17.6	528.0

HOLE DIA	ROD DIA	ITEM NUMBER	FREE LENGTH		APPROX LOAD AT 1/10" DEFLEC. (LBS)	LOAD AT 25% DEFLEC. (LBS)
			INCH	MM		
1/4 32MM	5/8 16MM	SEH6008	2.00	50.80	192.0	960.0
		SEH6010	2.50	63.50	144.0	900.0
		SEH6012	3.00	76.20	118.4	888.0
		SEH6014	3.50	88.90	100.8	882.0
		SEH6016	4.00	101.60	84.0	840.0
		SEH6018	4.50	114.30	78.4	882.0
		SEH6020	5.00	127.00	68.0	850.0
		SEH6024	6.00	152.40	56.0	840.0
		SEH6032	8.00	203.20	41.6	832.0
		SEH6040	10.00	254.00	33.6	840.0
1 1/2 38.5MM	3/4 19.5MM	SEH6048	12.00	304.80	26.4	792.0
		SEH7008	2.00	50.80	376.0	1880.0
		SEH7010	2.50	63.50	294.4	1840.0
		SEH7012	3.00	76.20	231.2	1734.0
		SEH7014	3.50	88.90	196.0	1715.0
		SEH7016	4.00	101.60	171.2	1712.0
		SEH7018	4.50	114.30	148.0	1665.0
		SEH7020	5.00	127.00	136.0	1700.0
		SEH7024	6.00	152.40	110.4	1656.0
		SEH7032	8.00	203.20	80.8	1616.0
2 51MM	1 25.5MM	SEH7040	10.00	254.00	67.2	1680.0
		SEH7048	12.00	304.80	54.4	1632.0
		SEH8010	2.50	63.50	381.6	2385.0
		SEH8012	3.00	76.20	312.0	2340.0
		SEH8014	3.50	88.90	254.4	2226.0
		SEH8016	4.00	101.60	220.0	2200.0
		SEH8018	4.50	114.30	188.8	2124.0
		SEH8020	5.00	127.00	172.8	2160.0
		SEH8024	6.00	152.40	141.6	2124.0
		SEH8032	8.00	203.20	100.0	2000.0
WIRE .365 X .460		SEH8040	10.00	254.00	84.0	2100.0
		SEH8048	12.00	304.80	71.2	2136.0

The word "RAYMOND" and the gold, red, green and blue color coding of mold and die springs in the heavy duty, medium heavy duty, extra heavy duty and medium duty load ranges, respectively, are registered trademarks of the Barnes Group, Inc.

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