

Medium Heavy Duty - Red

Medium Heavy Duty Die Springs (Red) – SMH

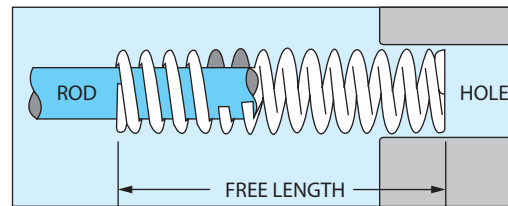
Maximum Deflection: 37% of Free Length

Efficient Operating Range: 20% to 25% 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 37% DEFLEC (LBS)
			INCH	MM		
3/8 9.5MM	3/16 4.7MM	SMH1004	1.00	25.40	9.0	33.3
		SMH1005	1.25	31.75	7.3	33.8
		SMH1006	1.50	38.10	6.7	37.2
		SMH1007	1.75	44.45	5.8	37.6
		SMH1008	2.00	50.80	5.0	37.0
		SMH1010	2.50	63.50	4.2	38.9
		SMH1012	3.00	76.20	3.0	33.3
WIRE .046X .073		SMH1048	12.00	304.80	0.9	40.0
		SMH2004	1.00	25.40	16.8	62.2
		SMH2005	1.25	31.75	13.0	60.1
		SMH2006	1.50	38.10	9.5	52.7
		SMH2007	1.75	44.45	8.5	55.0
		SMH2008	2.00	50.80	7.5	55.5
		SMH2010	2.50	63.50	6.0	55.5
1/2 13MM	9/32 7MM	SMH2012	3.00	76.20	5.7	63.3
		SMH2014	3.50	88.90	4.0	51.8
		SMH2048	12.00	304.80	1.2	53.3
		SMH3004	1.00	25.40	30.0	1110
		SMH3005	1.25	31.75	21.5	994
		SMH3006	1.50	38.10	19.0	105.5
		SMH3007	1.75	44.45	16.8	108.8
WIRE .061X .093		SMH3008	2.00	50.80	14.8	109.5
		SMH3010	2.50	63.50	11.5	106.4
		SMH3012	3.00	76.20	10.0	111.0
		SMH3014	3.50	88.90	8.5	110.1
		SMH3016	4.00	101.60	7.6	112.5
		SMH3048	12.00	304.80	2.7	119.9
		SMH4004	1.00	25.40	50.0	185.0
5/8 16MM	11/32 8.7MM	SMH4005	1.25	31.75	38.0	175.8
		SMH4006	1.50	38.10	32.0	177.6
		SMH4007	1.75	44.45	28.8	186.5
		SMH4008	2.00	50.80	24.8	183.5
		SMH4010	2.50	63.50	19.2	177.6
		SMH4012	3.00	76.20	14.4	159.8
		SMH4014	3.50	88.90	12.8	165.8
WIRE .081X .123		SMH4016	4.00	101.60	12.0	177.6
		SMH4018	4.50	114.30	11.2	186.5
		SMH4020	5.00	127.00	9.0	166.5
		SMH4022	5.50	139.70	8.0	162.8
		SMH4024	6.00	152.40	7.5	166.5
		SMH4048	12.00	304.80	3.6	159.8
		SMH5004	1.00	25.40	76.0	281.2
3/4 19.5MM	3/8 9.5MM	SMH5005	1.25	31.75	62.4	288.6
		SMH5006	1.50	38.10	49.6	275.3
		SMH5007	1.75	44.45	44.0	284.9
		SMH5008	2.00	50.80	40.0	296.0
		SMH5010	2.50	63.50	31.0	286.8
		SMH5012	3.00	76.20	25.0	277.5
		SMH5014	3.50	88.90	21.6	279.7
WIRE .093X .156		SMH5016	4.00	101.60	18.4	272.3
		SMH5018	4.50	114.30	17.0	283.1
		SMH5020	5.00	127.00	14.4	266.4
		SMH5022	5.50	139.70	12.8	260.5
		SMH5024	6.00	152.40	12.0	266.4
		SMH5028	7.00	177.80	10.0	259.0
		SMH5032	8.00	203.20	8.8	260.5
1" 25.5MM	1/2 13MM	SMH5048	12.00	304.80	6.2	275.3

HOLE DIA	ROD DIA	ITEM NUMBER	FREE LENGTH		APPROX LOAD AT 1/10" DEFLEC (LBS)	LOAD AT 37% DEFLEC (LBS)
			INCH	MM		
1/4 32MM	5/8 16MM	SMH6006	1.50	38.10	114.4	634.9
		SMH6007	1.75	44.45	100.8	652.7
		SMH6008	2.00	50.80	86.4	639.4
		SMH6010	2.50	63.50	62.4	577.2
		SMH6012	3.00	76.20	51.2	568.3
		SMH6014	3.50	88.90	44.0	569.8
		SMH6016	4.00	101.60	36.8	544.6
		SMH6018	4.50	114.30	32.0	532.8
		SMH6020	5.00	127.00	29.0	536.5
		SMH6022	5.50	139.70	26.4	537.2
		SMH6024	6.00	152.40	25.0	555.0
		SMH6028	7.00	177.80	20.0	518.0
		SMH6032	8.00	203.20	18.4	544.6
		WIRE .156X .281		SMH6040	10.00	254.00
SMH6048	12.00			304.80	12.4	550.6
SMH7008	2.00			50.80	108.0	799.2
SMH7010	2.50			63.50	85.6	791.8
SMH7012	3.00			76.20	62.4	692.6
SMH7014	3.50			88.90	52.8	683.8
SMH7016	4.00			101.60	48.0	710.4
SMH7018	4.50			114.30	43.2	719.3
SMH7020	5.00			127.00	36.8	680.8
SMH7022	5.50			139.70	34.4	700.0
SMH7024	6.00			152.40	30.4	674.9
SMH7028	7.00			177.80	26.4	683.8
SMH7032	8.00			203.20	22.0	651.2
1 1/2 38.5MM	3/4 19.5MM			SMH7040	10.00	254.00
		SMH7048	12.00	304.80	14.4	639.4
		SMH8010	2.50	63.50	118.4	1095.2
		SMH8012	3.00	76.20	96.0	1065.6
		SMH8014	3.50	88.90	80.0	1036.0
		SMH8016	4.00	101.60	66.4	982.7
		SMH8018	4.50	114.30	60.0	999.0
		SMH8020	5.00	127.00	56.0	1036.0
		SMH8022	5.50	139.70	50.4	1025.6
		SMH8024	6.00	152.40	47.2	1047.8
		SMH8028	7.00	177.80	40.0	1036.0
		SMH8032	8.00	203.20	35.2	1041.9
		SMH8040	10.00	254.00	26.0	962.0
		WIRE .187X .312		SMH8048	12.00	304.80

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