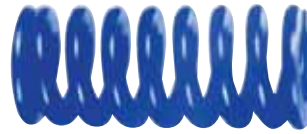


Mold and Die Springs Medium Duty (Color-Coded Blue)

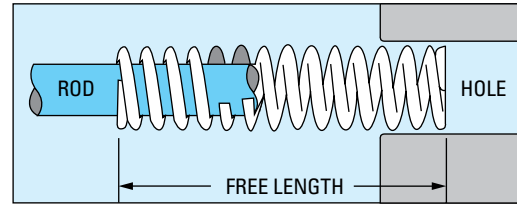
Medium Duty Mold and Die Springs (Blue) – SMD

Maximum Deflection: 50% of Free Length
Efficient Operating Range: 25% to 35% 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 50% DEFLEC. (LBS)		
			INCH	MM				
3/8 9.5MM	3/16 4.7MM	SMD1004	1.00	25.40	6.0	30.0		
		SMD1005	1.25	31.75	5.4	33.8		
		SMD1006	1.50	38.10	4.0	30.0		
		SMD1007	1.75	44.45	3.4	29.8		
		SMD1008	2.00	50.80	2.8	28.0		
		SMD1010	2.50	63.50	2.4	30.0		
		SMD1012	3.00	76.20	2.1	31.5		
		SMD1048	12.00	304.80	0.6	36.0		
		WIRE .039 X .070						
		1/2 13MM	9/32 7MM	SMD2004	1.00	25.40	11.0	55.0
SMD2005	1.25			31.75	8.2	51.3		
SMD2006	1.50			38.10	6.8	51.0		
SMD2007	1.75			44.45	6.0	52.5		
SMD2008	2.00			50.80	5.5	55.0		
SMD2010	2.50			63.50	4.5	56.3		
SMD2012	3.00			76.20	3.5	52.5		
SMD2014	3.50			88.90	3.0	52.5		
SMD2018	4.50			114.30	2.5	56.3		
SMD2022	5.50			139.70	2.1	57.8		
SMD2026	6.50			165.10	1.4	45.5		
SMD2030	7.50			190.50	1.2	45.0		
SMD2048	12.00			304.80	0.7	42.0		
WIRE .052 X .093								
5/8 16MM	11/32 8.7MM	SMD3004	1.00	25.40	16.4	82.0		
		SMD3005	1.25	31.75	12.8	80.0		
		SMD3006	1.50	38.10	10.8	81.0		
		SMD3007	1.75	44.45	9.6	84.0		
		SMD3008	2.00	50.80	8.8	88.0		
		SMD3010	2.50	63.50	6.0	75.0		
		SMD3012	3.00	76.20	5.6	84.0		
		SMD3014	3.50	88.90	4.8	84.0		
		SMD3016	4.00	101.60	4.4	88.0		
		SMD3048	12.00	304.80	1.6	96.0		
WIRE .069 X .109								
3/4 19.5MM	3/8 9.5MM	SMD4004	1.00	25.40	31.2	156.0		
		SMD4005	1.25	31.75	25.6	160.0		
		SMD4006	1.50	38.10	20.0	150.0		
		SMD4007	1.75	44.45	17.6	154.0		
		SMD4008	2.00	50.80	14.4	144.0		
		SMD4010	2.50	63.50	12.0	150.0		
		SMD4012	3.00	76.20	9.6	144.0		
		SMD4014	3.50	88.90	8.0	140.0		
		SMD4016	4.00	101.60	7.2	144.0		
		SMD4018	4.50	114.30	6.4	144.0		
		SMD4020	5.00	127.00	6.0	150.0		
		SMD4022	5.50	139.70	5.5	151.3		
		SMD4024	6.00	152.40	5.0	150.0		
		SMD4026	6.50	165.10	4.5	146.3		
SMD4030	7.50	190.50	3.8	142.5				
SMD4048	12.00	304.80	2.4	144.0				
WIRE .075 X .165								
1 25.5MM	1/2 13MM	SMD5004	1.00	25.40	55.0	275.0		
		SMD5005	1.25	31.75	45.0	281.3		
		SMD5006	1.50	38.10	35.0	262.5		
		SMD5007	1.75	44.45	30.0	262.5		
		SMD5008	2.00	50.80	26.0	260.0		
		SMD5010	2.50	63.50	20.0	250.0		

HOLE DIA	ROD DIA	ITEM NUMBER	FREE LENGTH		APPROX LOAD AT 1/10" DEFLEC. (LBS)	LOAD AT 50% DEFLEC. (LBS)
			INCH	MM		
1" 25.5MM	1/2 13MM	SMD5012	3.00	76.20	16.5	247.5
		SMD5014	3.50	88.90	15.0	262.5
		SMD5016	4.00	101.60	12.0	240.0
		SMD5018	4.50	114.30	10.4	234.0
		SMD5020	5.00	127.00	9.6	240.0
		SMD5022	5.50	139.70	8.8	242.0
		SMD5024	6.00	152.40	8.0	240.0
		SMD5028	7.00	177.80	7.2	252.0
		SMD5032	8.00	203.20	6.0	240.0
		SMD5048	12.00	304.80	4.0	240.0
WIRE .100 X .215						
1 1/4 32MM	5/8 16MM	SMD6006	1.50	38.10	49.6	372.0
		SMD6007	1.75	44.45	42.4	371.0
		SMD6008	2.00	50.80	35.2	352.0
		SMD6010	2.50	63.50	28.8	360.0
		SMD6012	3.00	76.20	24.0	360.0
		SMD6014	3.50	88.90	20.0	350.0
		SMD6016	4.00	101.60	17.6	352.0
		SMD6018	4.50	114.30	16.0	360.0
		SMD6020	5.00	127.00	13.6	340.0
		SMD6022	5.50	139.70	12.8	352.0
WIRE .115 X .285						
1 1/2 38.5MM	3/4 19.5MM	SMD6024	6.00	152.40	12.0	360.0
		SMD6028	7.00	177.80	10.4	364.0
		SMD6032	8.00	203.20	8.8	352.0
		SMD6040	10.00	254.00	7.2	360.0
		SMD6048	12.00	304.80	6.0	360.0
		SMD7008	2.00	50.80	53.0	530.0
		SMD7010	2.50	63.50	45.0	562.5
		SMD7012	3.00	76.20	36.0	540.0
		SMD7014	3.50	88.90	30.0	525.0
		SMD7016	4.00	101.60	27.0	540.0
WIRE .135 X .345						
2 51MM	1 25.5MM	SMD7018	4.50	114.30	23.0	517.5
		SMD7020	5.00	127.00	21.0	525.0
		SMD7022	5.50	139.70	18.5	508.8
		SMD7024	6.00	152.40	17.0	510.0
		SMD7028	7.00	177.80	14.5	507.5
		SMD7032	8.00	203.20	12.8	512.0
		SMD7040	10.00	254.00	10.0	500.0
		SMD7048	12.00	304.80	8.0	480.0
		SMD8010	2.50	63.50	100.0	1250.0
		SMD8012	3.00	76.20	83.0	1245.0
WIRE .195 X .468						
1 25.5MM	1/2 13MM	SMD8014	3.50	88.90	64.8	1134.0
		SMD8016	4.00	101.60	60.0	1200.0
		SMD8018	4.50	114.30	53.0	1192.5
		SMD8020	5.00	127.00	47.0	1175.0
		SMD8022	5.50	139.70	39.2	1078.0
		SMD8024	6.00	152.40	39.0	1170.0
WIRE .195 X .468						
1 25.5MM	1/2 13MM	SMD8028	7.00	177.80	31.2	1092.0
		SMD8032	8.00	203.20	28.5	1140.0
		SMD8040	10.00	254.00	20.8	1040.0
		SMD8048	12.00	304.80	17.5	1050.0

Mold Assembly | Mold and Die Springs – Medium Duty (Blue)

QUANTITY DISCOUNTS: Discounts available at 25, 50 and 100 pieces. Contact D-M-E for prices.

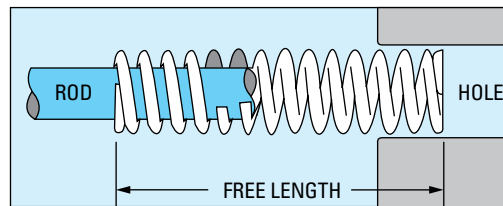
Mold and Die Springs Medium Heavy Duty (Color-Coded Red)

Medium Heavy Duty Mold and 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		
		SMH1048	12.00	304.80	0.9	40.0		
		WIRE .046 X .073						
		1/2 13MM	9/32 7MM	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		
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		
WIRE .061 X .093								
5/8 16MM	11/32 8.7MM	SMH3004	1.00	25.40	30.0	111.0		
		SMH3005	1.25	31.75	21.5	99.4		
		SMH3006	1.50	38.10	19.0	105.5		
		SMH3007	1.75	44.45	16.8	108.8		
		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		
WIRE .081 X .123								
3/4 19.5MM	3/8 9.5MM	SMH4004	1.00	25.40	50.0	185.0		
		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		
		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				
WIRE .093 X .156								
1" 25.5MM	1/2 13MM	SMH5004	1.00	25.40	76.0	281.2		
		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		
		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				
SMH5048	12.00	304.80	6.2	275.3				
WIRE .115 X .218								

HOLE DIA	ROD DIA	ITEM NUMBER	FREE LENGTH		APPROX LOAD AT 1/10" DEFLEC. (LBS)	LOAD AT 37% DEFLEC. (LBS)
			INCH	MM		
1 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		
SMH6040	10.00	254.00	14.5	536.5		
SMH6048	12.00	304.80	12.4	550.6		
WIRE .156 X .281						
1 1/2 38.5MM	3/4 19.5MM	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		
SMH7040	10.00	254.00	17.6	651.2		
SMH7048	12.00	304.80	14.4	639.4		
WIRE .187 X .312						
2 51MM	1 25.5MM	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		
SMH8048	12.00	304.80	22.4	994.6		
WIRE .225 X .437						

QUANTITY DISCOUNTS: Discounts available at 25, 50 and 100 pieces. Contact D-M-E for prices.

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.

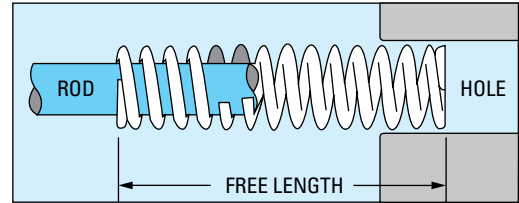
Mold and Die Springs Heavy Duty (Color-Coded Gold)

Heavy Duty Mold and Die Springs (Gold) – SHD

Maximum Deflection: 30% of Free Length

Efficient Operating Range: 15% to 20% 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 30% DEFLEC. (LBS)
			INCH	MM		
3/8 9.5MM	3/16 4.7MM	SHD1004	1.00	25.40	11.0	33.0
		SHD1005	1.25	31.75	9.8	36.8
		SHD1006	1.50	38.10	8.0	36.0
		SHD1007	1.75	44.45	8.4	44.1
		SHD1008	2.00	50.80	7.2	43.2
		SHD1010	2.50	63.50	5.5	41.3
		SHD1012	3.00	76.20	4.2	37.8
WIRE .054 X .072		SHD1048	12.00	304.80	1.2	43.2
1/2 13MM	9/32 7MM	SHD2004	1.00	25.40	23.6	70.8
		SHD2005	1.25	31.75	18.6	69.8
		SHD2006	1.50	38.10	15.5	69.8
		SHD2007	1.75	44.45	13.8	72.5
		SHD2008	2.00	50.80	11.0	66.0
		SHD2010	2.50	63.50	8.4	63.0
		SHD2012	3.00	76.20	7.4	66.6
		SHD2014	3.50	88.90	6.0	63.0
		SHD2048	12.00	304.80	1.6	57.6
		WIRE .072 X .095		SHD3004	1.00	25.40
5/8 16MM	11/32 8.7MM	SHD3005	1.25	31.75	29.6	111.0
		SHD3006	1.50	38.10	27.2	122.4
		SHD3007	1.75	44.45	24.0	126.0
		SHD3008	2.00	50.80	20.8	124.8
		SHD3010	2.50	63.50	17.0	127.5
		SHD3012	3.00	76.20	14.4	129.6
		SHD3014	3.50	88.90	12.2	128.1
		SHD3016	4.00	101.60	10.8	129.6
		SHD3048	12.00	304.80	3.0	108.0
		WIRE .093 X .125		SHD4004	1.00	25.40
3/4 19.5MM	3/8 9.5MM	SHD4005	1.25	31.75	88.0	330.0
		SHD4006	1.50	38.10	65.6	295.2
		SHD4007	1.75	44.45	60.0	315.0
		SHD4008	2.00	50.80	49.6	297.6
		SHD4010	2.50	63.50	40.0	300.0
		SHD4012	3.00	76.20	34.0	306.0
		SHD4014	3.50	88.90	28.0	294.0
		SHD4016	4.00	101.60	25.0	300.0
		SHD4018	4.50	114.30	22.0	297.0
		SHD4020	5.00	127.00	19.5	292.5
SHD4022	5.50	139.70	17.0	280.5		
SHD4024	6.00	152.40	16.0	288.0		
SHD4048	12.00	304.80	8.0	288.0		
WIRE .125 X .165		SHD5004	1.00	25.40	208.0	624.0
1 25.5MM	1/2 13MM	SHD5005	1.25	31.75	171.2	642.0
		SHD5006	1.50	38.10	118.4	532.8
		SHD5007	1.75	44.45	104.0	546.0
		SHD5008	2.00	50.80	90.0	540.0
		SHD5010	2.50	63.50	68.0	510.0
		SHD5012	3.00	76.20	54.4	489.6
		SHD5014	3.50	88.90	45.6	478.8
		SHD5016	4.00	101.60	40.0	480.0
		SHD5018	4.50	114.30	35.2	475.2
		SHD5020	5.00	127.00	31.2	468.0
SHD5022	5.50	139.70	28.8	475.2		
SHD5024	6.00	152.40	25.6	460.8		
SHD5028	7.00	177.80	22.4	470.4		
SHD5032	8.00	203.20	19.2	460.8		
SHD5048	12.00	304.80	12.0	432.0		
WIRE .158 X .225						

HOLE DIA	ROD DIA	ITEM NUMBER	FREE LENGTH		APPROX LOAD AT 1/10" DEFLEC. (LBS)	LOAD AT 30% DEFLEC. (LBS)
			INCH	MM		
1 1/4 32MM	5/8 16MM	SHD6006	1.50	38.10	212.0	954.0
		SHD6007	1.75	44.45	181.6	953.4
		SHD6008	2.00	50.80	149.6	897.6
		SHD6010	2.50	63.50	117.6	882.0
		SHD6012	3.00	76.20	95.2	856.8
		SHD6014	3.50	88.90	75.2	789.6
		SHD6016	4.00	101.60	66.4	796.8
		SHD6018	4.50	114.30	58.4	788.4
		SHD6020	5.00	127.00	53.0	795.0
		SHD6022	5.50	139.70	47.2	778.8
WIRE .200 X .295		SHD6024	6.00	152.40	42.4	763.2
1 1/2 38.5MM	3/4 19.5MM	SHD6028	7.00	177.80	36.8	772.8
		SHD6032	8.00	203.20	32.8	787.2
		SHD6040	10.00	254.00	25.6	768.0
		SHD6048	12.00	304.80	20.8	748.8
		SHD7008	2.00	50.80	190.4	1142.4
		SHD7010	2.50	63.50	155.0	1162.5
		SHD7012	3.00	76.20	130.0	1170.0
		SHD7014	3.50	88.90	106.4	1117.2
		SHD7016	4.00	101.60	91.2	1094.4
		SHD7018	4.50	114.30	78.4	1058.4
SHD7020	5.00	127.00	71.2	1068.0		
SHD7022	5.50	139.70	64.0	1056.0		
SHD7024	6.00	152.40	58.4	1051.2		
SHD7028	7.00	177.80	49.6	1041.6		
SHD7032	8.00	203.20	43.2	1036.8		
SHD7040	10.00	254.00	34.4	1032.0		
SHD7048	12.00	304.80	28.8	1036.8		
WIRE .225 X .350		SHD8010	2.50	63.50	260.0	1950.0
2 51MM	1 25.5MM	SHD8012	3.00	76.20	200.0	1800.0
		SHD8014	3.50	88.90	170.0	1785.0
		SHD8016	4.00	101.60	150.0	1800.0
		SHD8018	4.50	114.30	120.0	1620.0
		SHD8020	5.00	127.00	110.0	1650.0
		SHD8022	5.50	139.70	100.0	1650.0
		SHD8024	6.00	152.40	94.0	1692.0
		SHD8028	7.00	177.80	82.0	1722.0
		SHD8032	8.00	203.20	73.0	1752.0
		SHD8040	10.00	254.00	55.0	1650.0
SHD8048	12.00	304.80	42.0	1512.0		
WIRE .280 X .470						

QUANTITY DISCOUNTS: Discounts available at 25, 50 and 100 pieces. Contact D-M-E for prices.

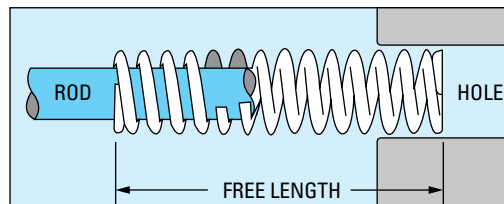
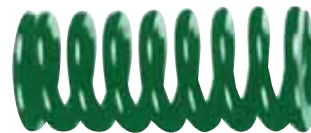
The word "RAYMOND" and the gold, red, green and blue color coding of mold and die springs in the heavy duty, medium heavy duty, extra heavy duty and medium duty load ranges, respectively, are registered trademarks of the Barnes Group, Inc.

Mold and Die Springs Extra Heavy Duty (Color-Coded Green)

Extra Heavy Duty Mold and 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
		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
		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	160.0	600.0
		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 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
		SEH6048	12.00	304.80	26.4	792.0
		1 1/2 38.5MM	3/4 19.5MM	SEH7008	2.00	50.80
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
SEH7040	10.00			254.00	67.2	1680.0
SEH7048	12.00			304.80	54.4	1632.0
2 51MM	1 25.5MM			SEH8010	2.50	63.50
		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
		SEH8040	10.00	254.00	84.0	2100.0
		SEH8048	12.00	304.80	71.2	2136.0

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