

RMHR US SERIES

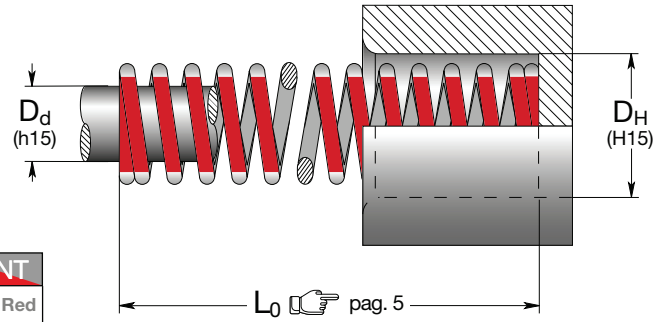
THE SPRING WITH *the Stripe*



EN Medium heavy duty die springs
Silver-red color

ES Muelles carga medio-fuerte
Color plateado-rojo

FR Ressorts charge moyenne-forte
Couleur argent-rouge



Part number	D _H Hole Diameter	D _d Rod Diameter	L ₀ Free Length	R Spring Rate ± 10%	A 20% L ₀ For Optimum Life		B 25% L ₀ For Long Life		C 30% L ₀ Max. Operating Def.		D* 37% L ₀ Max. Deflection	BOX Pcs
					inch	lbs.	inch	lbs.	inch	lbs.	inch	inch
RMHR10-025	3/8	3/16	1	8.4	0.20	16.8	0.25	21.0	0.30	25.2	0.37	200
RMHR10-032			1 1/4	7.3	0.25	18.3	0.31	22.8	0.38	27.4	0.46	200
RMHR10-038			1 1/2	6.7	0.30	20.1	0.38	25.1	0.45	30.2	0.56	100
RMHR10-044			1 3/4	5.8	0.35	20.3	0.44	25.4	0.53	30.5	0.65	100
RMHR10-051			2	5.0	0.40	20.0	0.50	25.0	0.60	30.0	0.74	100
RMHR10-064			2 1/2	3.7	0.50	18.5	0.63	23.3	0.75	27.8	0.93	100
RMHR10-076			3	3.0	0.60	18.0	0.75	22.5	0.90	27.0	1.11	100
RMHR10-305			12	0.8	2.40	19.2	3.00	24.0	3.60	28.8	4.44	50
RMHR13-025	1/2	9/32	1	15.5	0.20	31.0	0.25	38.8	0.30	46.5	0.37	100
RMHR13-032			1 1/4	12.2	0.25	30.5	0.31	37.8	0.38	45.8	0.46	100
RMHR13-038			1 1/2	9.8	0.30	29.4	0.38	37.2	0.45	44.1	0.56	100
RMHR13-044			1 3/4	8.5	0.35	29.8	0.44	37.2	0.53	44.6	0.65	100
RMHR13-051			2	7.5	0.40	30.0	0.50	37.5	0.60	45.0	0.74	100
RMHR13-064			2 1/2	6.0	0.50	30.0	0.63	37.5	0.75	45.0	0.93	50
RMHR13-076			3	5.1	0.60	30.6	0.75	38.3	0.90	45.9	1.11	50
RMHR13-089			3 1/2	4.0	0.70	28.0	0.88	35.0	1.05	42.0	1.30	50
RMHR13-102	4	3.7	0.80	29.0	1.00	37.0	1.20	44.0	1.48	50		
RMHR13-305	12	1.1	2.40	26.4	3.00	33.0	3.60	39.6	4.44	50		
RMHR16-025	5/8	11/32	1	30.0	0.20	60.0	0.25	75.0	0.30	90.0	0.37	100
RMHR16-032			1 1/4	21.5	0.25	53.8	0.31	67.2	0.38	80.6	0.46	100
RMHR16-038			1 1/2	19.0	0.30	57.0	0.38	71.3	0.45	85.5	0.56	100
RMHR16-044			1 3/4	16.8	0.35	58.8	0.44	73.5	0.53	88.2	0.65	50
RMHR16-051			2	15.5	0.40	62.0	0.50	77.5	0.60	93.0	0.74	50
RMHR16-064			2 1/2	11.5	0.50	57.5	0.63	71.9	0.75	86.3	0.93	50
RMHR16-076			3	10.0	0.60	60.0	0.75	75.0	0.90	90.0	1.11	50
RMHR16-089			3 1/2	8.5	0.70	59.5	0.88	74.4	1.05	89.3	1.30	50
RMHR16-102	4	7.6	0.80	60.8	1.00	76.0	1.20	91.2	1.48	50		
RMHR16-115	4 1/2	6.6	0.90	59.1	1.13	74.0	1.35	89.0	1.67	50		
RMHR16-305	12	2.6	2.40	62.4	3.00	78.0	3.60	93.6	4.44	50		
RMHR19-025	3/4	3/8	1	50.0	0.20	100.0	0.25	125.0	0.30	150.0	0.37	50
RMHR19-032			1 1/4	38.0	0.25	95.0	0.31	118.8	0.38	142.5	0.46	50
RMHR19-038			1 1/2	31.0	0.30	93.0	0.38	117.8	0.45	139.5	0.56	50
RMHR19-044			1 3/4	27.0	0.35	94.5	0.44	118.8	0.53	141.8	0.65	50
RMHR19-051			2	24.0	0.40	96.0	0.50	120.0	0.60	144.0	0.74	50
RMHR19-064			2 1/2	18.8	0.50	94.0	0.63	118.4	0.75	141.0	0.93	50
RMHR19-076			3	14.9	0.60	89.4	0.75	111.8	0.90	134.1	1.11	50
RMHR19-089			3 1/2	12.8	0.70	89.6	0.88	112.0	1.05	134.4	1.30	50
RMHR19-102			4	11.0	0.80	88.0	1.00	110.0	1.20	132.0	1.48	50
RMHR19-115			4 1/2	10.0	0.90	90.0	1.13	113.0	1.35	135.0	1.67	50
RMHR19-127			5	9.0	1.00	90.0	1.25	112.5	1.50	135.0	1.85	50
RMHR19-140			5 1/2	8.0	1.10	88.0	1.38	110.0	1.65	132.0	2.04	50
RMHR19-152	6	7.5	1.20	90.0	1.50	112.5	1.80	135.0	2.22	50		
RMHR19-305	12	3.5	2.40	84.0	3.00	105.0	3.60	126.0	4.44	50		

*Deflection values near solid intended for design information ONLY.

The color silver-red is a registered trademark of Special Springs Srl.



THE SPRING WITH *the Stripe*

US SERIES RMHR

Part number	D _H	D _d	L ₀	R	A	B	C	D*	BOX ↓ Pcs					
	Hole Diameter	Rod Diameter	Free Length	Spring Rate ± 10%	20% L ₀ For Optimum Life	25% L ₀ For Long Life	30% L ₀ Max. Operating Def.	37% L ₀ Max. Deflection						
	inch	inch	inch	lbs./1 inch	inch lbs	inch lbs	inch lbs	inch						
RMHR26-025	1	1/2	1	82.7	0.20	165.4	0.25	206.8	0.30	248.1	0.37	50		
RMHR26-032			1 1/4	65.3	0.25	163.3	0.31	202.4	0.38	244.9	0.46	50		
RMHR26-038			1 1/2	53.8	0.30	161.4	0.38	204.4	0.45	242.1	0.56	50		
RMHR26-044			1 3/4	46.1	0.35	161.4	0.44	202.8	0.53	242.0	0.65	50		
RMHR26-051			2	40.0	0.40	160.0	0.50	200.0	0.60	240.0	0.74	50		
RMHR26-064			2 1/2	32.2	0.50	161.0	0.63	202.9	0.75	241.5	0.93	50		
RMHR26-076			3	26.7	0.60	160.2	0.75	200.3	0.90	240.3	1.11	25		
RMHR26-089			3 1/2	22.9	0.70	160.3	0.88	201.5	1.05	240.5	1.30	25		
RMHR26-102			4	20.2	0.80	161.6	1.00	202.0	1.20	242.4	1.48	25		
RMHR26-115			4 1/2	17.8	0.90	160.2	1.13	201.1	1.35	240.3	1.67	25		
RMHR26-127			5	15.7	1.00	157.0	1.25	196.3	1.50	235.5	1.85	25		
RMHR26-140			5 1/2	13.7	1.10	150.7	1.38	189.1	1.65	226.1	2.04	25		
RMHR26-152			6	12.5	1.20	150.0	1.50	187.5	1.80	225.0	2.22	25		
RMHR26-178			7	10.9	1.40	152.6	1.75	190.8	2.10	228.9	2.59	25		
RMHR26-203	8	9.6	1.60	153.6	2.00	192.0	2.40	230.4	2.96	25				
RMHR26-305	12	6.5	2.40	156.0	3.00	195.0	3.60	234.0	4.44	25				
RMHR32-038	1 1/4	5/8	1 1/2	114.4	0.30	343.2	0.38	429.0	0.45	514.8	0.56	50		
RMHR32-044			1 3/4	100.8	0.35	352.8	0.44	441.0	0.53	529.2	0.65	50		
RMHR32-051			2	83.8	0.40	335.2	0.50	419.0	0.60	502.8	0.74	50		
RMHR32-064			2 1/2	62.4	0.50	312.0	0.63	390.0	0.75	468.0	0.93	25		
RMHR32-076			3	51.2	0.60	307.2	0.75	384.0	0.90	460.8	1.11	25		
RMHR32-089			3 1/2	44.0	0.70	308.0	0.88	385.0	1.05	462.0	1.30	25		
RMHR32-102			4	38.1	0.80	304.8	1.00	381.0	1.20	457.2	1.48	25		
RMHR32-115			4 1/2	32.9	0.90	296.1	1.13	371.8	1.35	444.2	1.67	25		
RMHR32-127			5	30.0	1.00	300.0	1.25	375.0	1.50	450.0	1.85	25		
RMHR32-140			5 1/2	26.4	1.10	290.4	1.38	363.0	1.65	435.6	2.04	25		
RMHR32-152			6	25.0	1.20	300.0	1.50	375.0	1.80	450.0	2.22	25		
RMHR32-178			7	21.0	1.40	294.0	1.75	367.5	2.10	441.0	2.59	25		
RMHR32-203			8	18.4	1.60	294.4	2.00	368.0	2.40	441.6	2.96	25		
RMHR32-254			10	14.5	2.00	290.0	2.50	362.5	3.00	435.0	3.70	25		
RMHR32-305	12	12.4	2.40	297.6	3.00	372.0	3.60	446.4	4.44	25				
RMHR38-051	1 1/2	3/4	2	103.0	0.40	412.0	0.50	515.0	0.60	618.0	0.74	25		
RMHR38-064			2 1/2	81.2	0.50	406.0	0.63	511.6	0.75	609.0	0.93	25		
RMHR38-076			3	62.4	0.60	374.4	0.75	468.0	0.90	561.6	1.11	25		
RMHR38-089			3 1/2	54.0	0.70	378.0	0.88	475.2	1.05	567.0	1.30	25		
RMHR38-102			4	46.5	0.80	372.0	1.00	465.0	1.20	558.0	1.48	25		
RMHR38-115			4 1/2	41.0	0.90	369.0	1.13	463.3	1.35	553.5	1.67	25		
RMHR38-127			5	36.8	1.00	368.0	1.25	460.0	1.50	552.0	1.85	25		
RMHR38-140			5 1/2	33.0	1.10	363.0	1.38	455.4	1.65	544.5	2.04	25		
RMHR38-152			6	29.5	1.20	354.0	1.50	442.5	1.80	531.0	2.22	25		
RMHR38-178			7	25.5	1.40	357.0	1.75	446.3	2.10	535.5	2.59	25		
RMHR38-203			8	22.0	1.60	352.0	2.00	440.0	2.40	528.0	2.96	25		
RMHR38-254			10	17.6	2.00	352.0	2.50	440.0	3.00	528.0	3.70	25		
RMHR38-305			12	14.4	2.40	345.6	3.00	432.0	3.60	518.4	4.44	25		
RMHR51-064			2	1	2 1/2	118.4	0.50	592.0	0.63	740.0	0.75	888.0	0.93	25
RMHR51-076	3	93.0			0.60	558.0	0.75	697.5	0.90	837.0	1.11	25		
RMHR51-089	3 1/2	78.2			0.70	547.4	0.88	688.2	1.05	821.1	1.30	25		
RMHR51-102	4	66.4			0.80	531.2	1.00	664.0	1.20	796.8	1.48	25		
RMHR51-115	4 1/2	60.0			0.90	540.0	1.13	675.0	1.35	810.0	1.67	25		
RMHR51-127	5	53.4			1.00	534.0	1.25	667.5	1.50	801.0	1.85	25		
RMHR51-140	5 1/2	49.0			1.10	539.0	1.38	676.2	1.65	808.5	2.04	25		
RMHR51-152	6	45.0			1.20	540.0	1.50	675.0	1.80	810.0	2.22	25		
RMHR51-178	7	37.4			1.40	523.6	1.75	654.5	2.10	785.4	2.59	25		
RMHR51-203	8	33.0			1.60	528.0	2.00	660.0	2.40	792.0	2.96	10		
RMHR51-254	10	26.0			2.00	520.0	2.50	650.0	3.00	780.0	3.70	10		
RMHR51-305	12	21.5			2.40	516.0	3.00	645.0	3.60	774.0	4.44	10		
RMHR63-076	2 1/2	1 1/2			3	171.4	0.60	1026.0	0.75	1289.0	0.90	1545.0	1.11	15
RMHR63-089					3 1/2	146.2	0.70	1024.0	0.87	1278.0	1.05	1537.0	1.30	15
RMHR63-102			4	128.5	0.80	1027.0	1.00	1285.0	1.20	1543.0	1.48	15		
RMHR63-115			4 1/2	111.9	0.90	1009.0	1.13	1260.0	1.35	1511.0	1.67	15		
RMHR63-127			5	100.5	1.00	1005.0	1.25	1258.0	1.50	1508.0	1.85	5		
RMHR63-140			5 1/2	90.8	1.10	997.0	1.37	1247.0	1.65	1498.0	2.04	5		
RMHR63-152			6	82.2	1.20	987.0	1.50	1233.0	1.80	1479.0	2.22	5		
RMHR63-178			7	68.5	1.40	960.0	1.75	1200.0	2.10	1438.0	2.59	5		
RMHR63-203			8	59.7	1.60	954.0	2.00	1194.0	2.40	1433.0	2.96	5		
RMHR63-229			9	52.5	1.80	945.0	2.25	1183.0	2.70	1419.0	3.33	5		
RMHR63-254			10	46.8	2.00	937.0	2.50	1171.0	3.00	1405.0	3.70	5		
RMHR63-305			12	37.7	2.40	905.0	3.00	1131.0	3.60	1356.0	4.44	5		

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*Deflection values near solid intended for design information ONLY.

Load (lbs) = R (lbs./1 inch) x 10 x Deflection (inch) 1 lb = 4.448 N