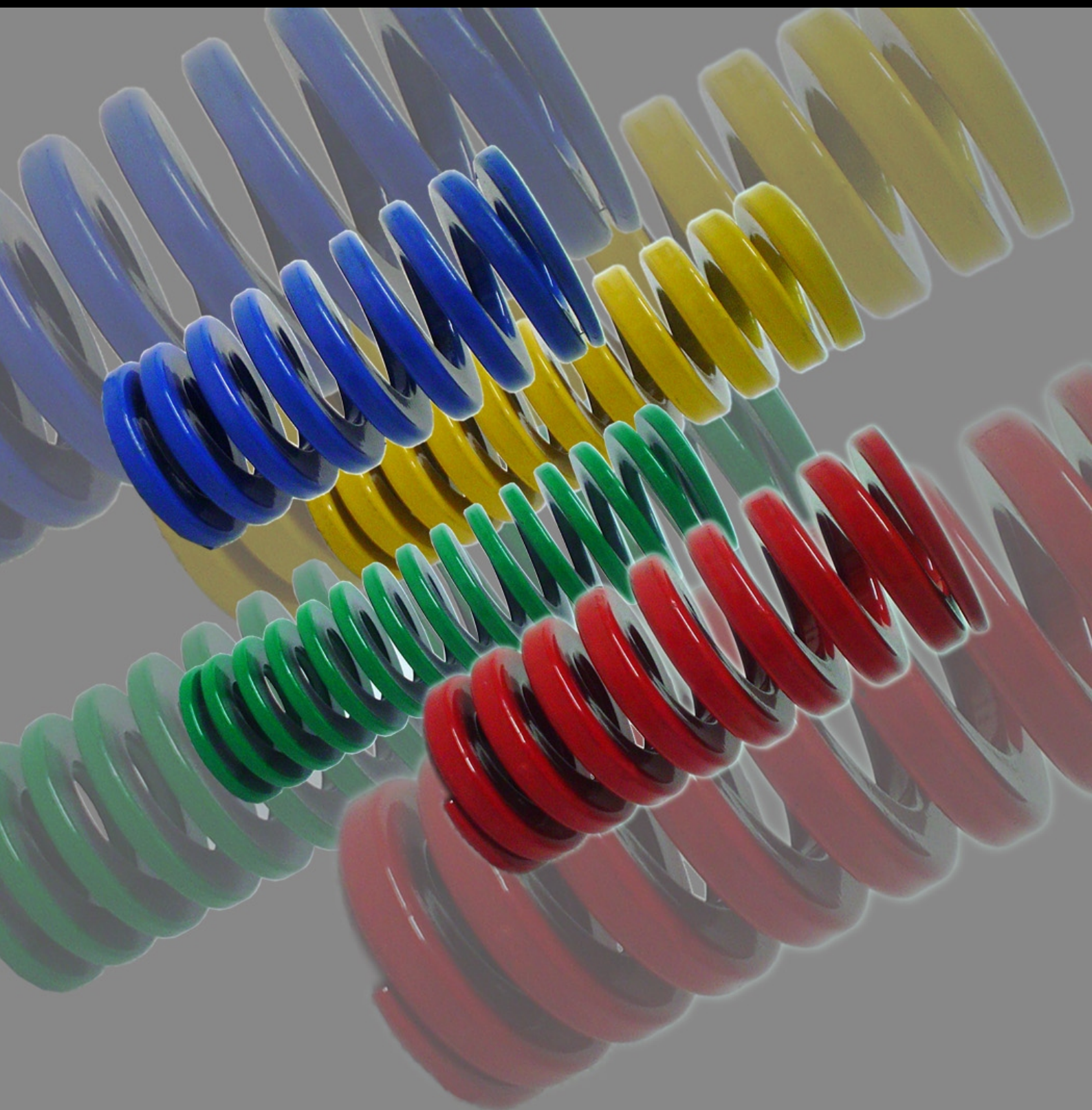




# *CATÁLOGO DE MOLAS*

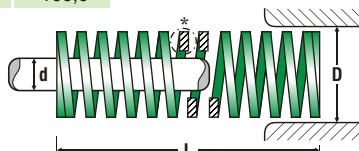


Código	Ø do Furo	Ø do Pino	Comp. Livre (mm)	Carga p/ Def. (N/mm)	Tabela de Deflexão de Carga					
					40% - Deflexão para máx. vida		Deflexão Total			
	D	d	L	Carga (N)	Deflexão (mm)	Carga (N)	Deflexão (mm)			
MRFL 10025	10	5	25	4,4	47	10,0	57	13,0		
MRFL 10032			32	3,6	45	12,8	55	16,0		
MRFL 10038			38	2,7	41	15,2	55	20,0		
MRFL 10044			44	2,5	44	17,6	55	24,0		
MRFL 10051			51	2,2	43	20,4	55	27,0		
MRFL 10064			64	1,7	40	25,6	54	35,0		
MRFL 10076			76	1,3	38	30,4	53	39,0		
MRFL 10305			305	3,1	37	122,0	48	154,0		
MRFL 13025			12,5	6,3	25	8,8	179	10,0	117	13,0
MRFL 13032					32	6,7	210	12,8	113	17,0
MRFL 13038	38	5,4			207	15,2	110	21,0		
MRFL 13044	44	4,5			213	17,6	105	26,0		
MRFL 13051	51	3,9			233	20,4	104	29,0		
MRFL 13064	64	3,1			238	25,6	104	37,0		
MRFL 13076	76	2,4			216	30,4	103	42,0		
MRFL 13089	89	2,1			192	35,6	103	50,0		
MRFL 13305	305	3,6			171	122,0	101	162,0		
MRFL 16025	16	8			25	17,9	183	10,0	231	13,0
MRFL 16032			32	13,3	167	12,8	211	17,0		
MRFL 16038			38	10,5	158	15,2	211	20,0		
MRFL 16044			44	8,6	156	17,6	205	25,0		
MRFL 16051			51	7,6	151	20,4	205	27,0		
MRFL 16064			64	5,9	148	25,6	205	36,0		
MRFL 16076			76	4,7	143	30,4	197	42,0		
MRFL 16089			89	4,1	141	35,6	195	51,0		
MRFL 16102			102	3,4	142	40,8	195	55,0		
MRFL 16305			305	1,1	133	122,0	186	167,0		
MRFL 20025	20	10	25	55,8	558	10,0	725	13,0		
MRFL 20032			32	45,0	576	12,8	765	17,0		
MRFL 20038			38	33,3	506	15,2	666	20,0		
MRFL 20044			44	30,0	528	17,6	720	24,0		
MRFL 20051			51	24,5	500	20,4	662	27,0		
MRFL 20064			64	20,0	512	25,6	700	35,0		
MRFL 20076			76	16,0	486	30,4	640	40,0		
MRFL 20089			89	14,0	498	35,6	686	49,0		
MRFL 20102			102	12,0	490	40,8	660	55,0		
MRFL 20115			115	10,9	501	46,0	676	62,0		
MRFL 20127	127	9,5	483	50,8	675	71,0				
MRFL 20139	139	8,4	467	55,6	638	76,0				
MRFL 20152	152	7,5	456	60,8	608	81,0				
MRFL 20305	305	4,0	488	122,0	672	168,0				
MRFL 25025	25	12,5	25	100,0	1000	10,0	1200	12,0		
MRFL 25032			32	80,3	1028	12,8	1285	16,0		
MRFL 25038			38	62,0	942	15,2	1178	19,0		
MRFL 25044			44	52,9	931	17,6	1164	22,0		
MRFL 25051			51	44,0	898	20,4	1100	25,0		
MRFL 25064			64	35,2	901	25,6	1197	34,0		
MRFL 25076			76	28,0	851	30,4	1064	38,0		
MRFL 25089			89	24,0	854	35,6	1152	48,0		
MRFL 25102			102	21,1	861	40,8	1139	54,0		
MRFL 25115			115	18,7	860	46,0	1141	61,0		
MRFL 25127	127	16,7	848	50,8	1152	69,0				
MRFL 25139	139	15,3	851	55,6	1148	75,0				
MRFL 25152	152	14,0	851	60,8	1134	81,0				
MRFL 25178	178	12,5	890	71,2	1200	96,0				
MRFL 25203	203	10,4	844	81,2	1144	110,0				
MRFL 25305	305	7,0	854	122,0	1176	168,0				

Código	Ø do Furo	Ø do Pino	Comp. Livre (mm)	Carga p/ Def. (N/mm)	Tabela de Deflexão de Carga			
					40% - Deflexão para máx. vida		Deflexão Total	
	D	d	L	Carga (N)	Deflexão (mm)	Carga (N)	Deflexão (mm)	
MRFL 32038	32	16	38	94,0	1429	15,2	1692	18,0
MRFL 32044			44	79,5	1399	17,6	1749	22,0
MRFL 32051			51	67,0	1367	20,4	1675	25,0
MRFL 32064			64	53,0	1357	25,6	1802	34,0
MRFL 32076			76	44,0	1338	30,4	1760	40,0
MRFL 32089			89	37,2	1324	35,6	1786	48,0
MRFL 32102			102	32,0	1306	40,8	1760	55,0
MRFL 32115			115	29,0	1334	46,0	1827	63,0
MRFL 32127			127	25,0	1270	50,8	1725	69,0
MRFL 32139			139	23,0	1279	55,6	1771	77,0
MRFL 32152	152	21,5	1307	60,8	1742	81,0		
MRFL 32178	178	18,2	1296	71,2	1729	95,0		
MRFL 32203	203	15,8	1283	81,2	1770	112,0		
MRFL 32254	254	12,5	1270	101,6	1788	143,0		
MRFL 32305	305	10,3	1257	122,0	1803	175,0		
MRFL 40051	40	20	51	92,0	1877	20,4	2300	25,0
MRFL 40064			64	73,0	1869	25,6	2409	33,0
MRFL 40076			76	63,0	1915	30,4	2457	39,0
MRFL 40089			89	51,0	1816	35,6	2397	47,0
MRFL 40102			102	43,0	1754	40,8	2322	54,0
MRFL 40115			115	39,6	1822	46,0	2416	61,0
MRFL 40127			127	37,0	1880	50,8	2442	66,0
MRFL 40139			139	32,0	1779	55,6	2432	76,0
MRFL 40152			152	28,0	1702	60,8	2268	81,0
MRFL 40178			178	25,2	1794	71,2	2344	93,0
MRFL 40203	203	22,7	1843	81,2	2497	110,0		
MRFL 40254	254	17,0	1727	101,6	2312	136,0		
MRFL 40305	305	14,8	1806	122,0	2412	163,0		
MRFL 50064	50	25	64	156,0	3994	25,6	4836	31,0
MRFL 50076			76	125,0	3800	30,4	4500	36,0
MRFL 50089			89	109,0	3880	35,6	4796	44,0
MRFL 50102			102	94,0	3835	40,8	4606	49,0
MRFL 50115			115	81,0	3726	46,0	4860	60,0
MRFL 50127			127	71,0	3607	50,8	4544	64,0
MRFL 50139			139	66,5	3697	55,6	4655	70,0
MRFL 50152			152	60,0	3648	60,8	4620	77,0
MRFL 50178			178	52,0	3702	71,2	4888	94,0
MRFL 50203			203	44,0	3573	81,2	4620	105,0
MRFL 50229	229	38,2	3499	91,6	4813	126,0		
MRFL 50254	254	35,0	3556	101,6	4795	137,0		
MRFL 50305	305	28,5	3477	122,0	4788	168,0		
MRFL 63076	63	38	76	189,0	5746	30,4	7182	38,0
MRFL 63089			89	158,0	5625	35,6	7110	45,0
MRFL 63102			102	131,0	5345	40,8	6812	52,0
MRFL 63115			115	116,0	5336	46,0	6960	60,0
MRFL 63127			127	103,0	5232	50,8	6489	63,0
MRFL 63152			152	84,3	5125	60,8	6575	78,0
MRFL 63178			178	71,5	5091	71,2	6364	89,0
MRFL 63203			203	61,7	5010	81,2	6664	108,0
MRFL 63254			254	47,0	4775	101,6	6439	137,0
MRFL 63305			305	38,2	4660	122,0	6227	163,0

**\*SEÇÃO**

- Redonda  
Diâmetros de 10 a 16 mm
- ▨ Retangular  
Diâmetros de 20 a 63 mm

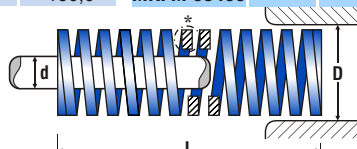


Código	Ø do Furo	Ø do Pino	Comp. Livre (mm)	Carga p/ Def. (N/mm)	Tabela de Deflexão de Carga				Código	Ø do Furo	Ø do Pino	Comp. Livre (mm)	Carga p/ Def. (N/mm)	Tabela de Deflexão de Carga			
	D	d			L	Carga (N)	Deflexão (mm)	Carga (N)		Deflexão (mm)	D			d	L	Carga (N)	Deflexão (mm)
	40% - Deflexão para máx. vida		Deflexão Total		40% - Deflexão para máx. vida		Deflexão Total										
MRFM 10025	10	5	25	12,7	120	9,4	131	12,0	MRFM 32038	32	16	38	185,0	2636	14,3	3145	17,0
MRFM 10032			32	9,7	120	12,0	129	14,0	MRFM 32044			44	158,0	2607	16,5	3002	19,0
MRFM 10038			38	7,8	112	14,3	125	17,0	MRFM 32051			51	134,0	2563	19,1	3082	23,0
MRFM 10044			44	6,5	108	16,5	124	20,0	MRFM 32064			64	99,0	2376	24,0	2970	30,0
MRFM 10051			51	5,6	107	19,1	122	22,0	MRFM 32076			76	80,5	2294	28,5	2737	34,0
MRFM 10064			64	4,5	107	24,0	122	26,0	MRFM 32089			89	69,1	2306	33,4	2902	42,0
MRFM 10076			76	3,6	103	28,5	122	32,0	MRFM 32102			102	58,8	2249	38,3	2764	47,0
MRFM 10305			305	9,1	102	114,4	122	137,0	MRFM 32115			115	51,5	2221	43,1	2833	55,0
MRFM 13025			25	22,7	213	9,4	231	10,0	MRFM 32127			127	44,8	2134	47,6	2733	61,0
MRFM 13032			32	17,4	211	12,0	227	13,0	MRFM 32139			139	42,3	2205	52,1	2876	68,0
MRFM 13038	38	14,3	201	14,3	227	16,0	MRFM 32152	152	37,8	2155	57,0	2835	75,0				
MRFM 13044	44	11,7	196	16,5	225	20,0	MRFM 32178	178	32,5	2169	66,8	2893	89,0				
MRFM 13051	12,5	6,3	51	10,1	195	19,1	223	23,0	MRFM 32203	203	28,9	2200	76,1	2919	101,0		
MRFM 13064			64	7,8	191	24,0	222	28,0	MRFM 32254	254	21,4	2038	95,3	2654	124,0		
MRFM 13076			76	6,6	182	28,5	220	34,0	MRFM 32305	305	18,3	2093	114,4	2745	150,0		
MRFM 13089			89	5,6	182	33,4	225	41,0	MRFM 40051	51	181,6	3473	19,1	3814	21,0		
MRFM 13305			305	1,6	170	114,4	217	143,0	MRFM 40064	64	140,0	3360	24,0	3920	28,0		
MRFM 16025	16	8	25	33,7	319	9,4	337	11,0	MRFM 40076	76	108,0	3078	28,5	3564	33,0		
MRFM 16032			32	25,1	302	12,0	328	15,0	MRFM 40089	89	90,7	3027	33,4	3719	41,0		
MRFM 16038			38	20,2	282	14,3	321	18,0	MRFM 40102	102	81,0	3098	38,3	3645	45,0		
MRFM 16044			44	16,7	276	16,5	307	22,0	MRFM 40115	115	71,8	3096	43,1	3734	52,0		
MRFM 16051			51	14,1	271	19,1	301	24,0	MRFM 40127	127	62,7	2986	47,6	3699	59,0		
MRFM 16064			64	11,1	262	24,0	296	29,0	MRFM 40139	139	57,5	2997	52,1	3795	66,0		
MRFM 16076			76	9,1	251	28,5	296	34,0	MRFM 40152	152	51,6	2941	57,0	3664	71,0		
MRFM 16089			89	7,5	250	33,4	295	41,0	MRFM 40160	160	47,5	2850	60,0	3420	72,0		
MRFM 16102			102	6,7	250	38,3	295	47,0	MRFM 40178	178	44,1	2944	66,8	3660	83,0		
MRFM 16305			305	2,2	238	114,4	290	139,0	MRFM 40203	203	36,7	2794	76,1	3450	94,0		
MRFM 20025	20	10	25	98,0	919	9,4	980	10,0	MRFM 40254	254	30,1	2867	95,3	3431	114,0		
MRFM 20032			32	72,6	871	12,0	944	13,0	MRFM 40305	305	24,6	2814	114,4	3641	148,0		
MRFM 20038			38	56,0	798	14,3	896	16,0	MRFM 50064	64	209,0	5016	24,0	6270	30,0		
MRFM 20044			44	47,5	784	16,5	903	19,0	MRFM 50076	76	168,0	4788	28,5	6048	36,0		
MRFM 20051			51	41,7	798	19,1	876	21,0	MRFM 50089	89	140,0	4673	33,4	6020	43,0		
MRFM 20064			64	32,3	775	24,0	904	28,0	MRFM 50102	102	119,0	4552	38,3	5712	48,0		
MRFM 20076			76	25,1	715	28,5	828	33,0	MRFM 50115	115	106,0	4571	43,1	5830	55,0		
MRFM 20089			89	22,0	734	33,4	902	41,0	MRFM 50127	127	97,0	4620	47,6	6111	63,0		
MRFM 20102			102	19,8	757	38,3	950	48,0	MRFM 50139	139	87,0	4535	52,1	5742	66,0		
MRFM 20115			115	18,1	781	43,1	996	55,0	MRFM 50152	152	80,0	4560	57,0	5760	72,0		
MRFM 20127	127	16,6	791	47,6	1013	61,0	MRFM 50160	160	76,0	4560	60,0	5928	78,0				
MRFM 20139	139	15,1	787	52,1	1012	67,0	MRFM 50178	178	69,5	4639	66,8	5908	85,0				
MRFM 20152	152	13,2	752	57,0	977	74,0	MRFM 50203	203	59,8	4552	76,1	5681	95,0				
MRFM 20305	305	6,1	698	114,4	891	146,0	MRFM 50229	229	50,9	4371	85,9	5803	114,0				
MRFM 25025	25	12,5	25	147,0	1378	9,4	1617	11,0	MRFM 50254	254	43,9	4181	95,3	5488	125,0		
MRFM 25032			32	118,0	1416	12,0	1534	13,0	MRFM 50305	305	38,6	4415	114,4	5790	150,0		
MRFM 25038			38	93,0	1325	14,3	1674	18,0	MRFM 63076	76	312,0	8892	28,5	9360	30,0		
MRFM 25044			44	80,8	1333	16,5	1697	21,0	MRFM 63089	89	260,0	8678	33,4	9880	38,0		
MRFM 25051			51	68,6	1312	19,1	1578	23,0	MRFM 63102	102	221,0	8453	38,3	9503	43,0		
MRFM 25064			64	53,0	1272	24,0	1590	30,0	MRFM 63115	115	187,0	8064	43,1	9350	50,0		
MRFM 25076			76	43,2	1231	28,5	1512	35,0	MRFM 63127	127	168,0	8001	47,6	8736	52,0		
MRFM 25089			89	38,2	1275	33,4	1643	43,0	MRFM 63152	152	136,0	7752	57,0	9112	67,0		
MRFM 25102			102	33,0	1262	38,3	1617	49,0	MRFM 63160	160	128,0	7680	60,0	8960	70,0		
MRFM 25115			115	28,0	1208	43,1	1568	56,0	MRFM 63178	178	114,0	7610	66,8	8892	78,0		
MRFM 25127	127	25,9	1233	47,6	1554	60,0	MRFM 63203	203	100,0	7613	76,1	8800	88,0				
MRFM 25139	139	23,2	1209	52,1	1508	65,0	MRFM 63229	229	89,2	7660	85,9	9098	102,0				
MRFM 25152	152	20,8	1186	57,0	1477	71,0	MRFM 63254	254	78,4	7468	95,3	9016	115,0				
MRFM 25178	178	17,8	1188	66,8	1513	85,0	MRFM 63305	305	64,7	7400	114,4	8670	134,0				
MRFM 25203	203	15,8	1203	76,1	1517	96,0	MRFM 63315	315	62,8	7418	118,1	9043	144,0				
MRFM 25305	305	10,2	1167	114,4	1530	150,0	MRFM 63400	400	48,5	7275	150,0	9555	197,0				

**\*SECCÃO**

Redonda  
Diâmetros  
de 10 a 16 mm

Retangular  
Diâmetros  
de 20 a 63 mm



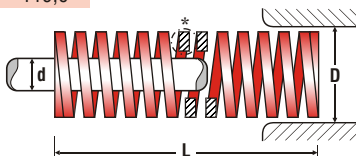
Código	Ø do Furo	Ø do Pino	Comp. Livre (mm)	Carga p/ Def. (N/mm)	Tabela de Deflexão de Carga			
					40% - Deflexão para máx. vida		Deflexão Total	
	D	d	L	Carga (N)	Deflexão (mm)	Carga (N)	Deflexão (mm)	
MRFP 10025	10	5	25	21,5	162	7,5	191	9,0
MRFP 10032			32	16,6	154	9,6	191	12,0
MRFP 10038			38	13,2	143	11,4	183	15,0
MRFP 10044			44	11,1	143	13,2	183	17,0
MRFP 10051			51	9,6	143	15,3	183	21,0
MRFP 10064			64	7,9	143	19,2	183	26,0
MRFP 10076			76	6,2	143	22,8	179	31,0
MRFP 10305			305	1,4	136	91,5	179	122,0
MRFP 13025			25	39,1	291	7,5	341	9,0
MRFP 13032			32	30,2	291	9,6	331	13,0
MRFP 13038	38	24,3	272	11,4	322	15,0		
MRFP 13044	44	20,3	261	13,2	322	18,0		
MRFP 13051	12,5	6,3	51	17,5	273	15,3	322	20,0
MRFP 13064			64	13,6	261	19,2	322	26,0
MRFP 13076			76	11,2	261	22,8	322	30,0
MRFP 13089			89	9,6	258	26,7	322	35,0
MRFP 13305			305	2,8	243	91,5	322	123,0
MRFP 16025	16	8	25	87,1	651	7,5	761	9,0
MRFP 16032			32	64,2	612	9,6	705	12,0
MRFP 16038			38	52,0	570	11,4	705	13,6
MRFP 16044			44	42,4	555	13,2	663	15,4
MRFP 16051			51	37,1	555	15,3	663	18,3
MRFP 16064			64	28,3	543	19,2	663	23,1
MRFP 16076			76	23,1	543	22,8	663	29,1
MRFP 16089			89	19,9	531	26,7	663	34,2
MRFP 16102			102	17,3	531	30,6	663	40,1
MRFP 16305			305	5,4	493	91,5	663	123
MRFP 20025	20	10	25	216,0	1620	7,5	1944	9,0
MRFP 20032			32	168,0	1613	9,6	1848	11,0
MRFP 20038			38	129,0	1471	11,4	1677	13,0
MRFP 20044			44	112,0	1478	13,2	1792	16,0
MRFP 20051			51	94,0	1438	15,3	1880	20,0
MRFP 20064			64	72,1	1384	19,2	1803	25,0
MRFP 20076			76	59,7	1361	22,8	1731	29,0
MRFP 20089			89	50,5	1348	26,7	1768	35,0
MRFP 20102			102	44,2	1353	30,6	1768	40,0
MRFP 20115			115	38,4	1325	34,5	1805	47,0
MRFP 20127	127	34,1	1299	38,1	1773	52,0		
MRFP 20139	139	31,0	1293	41,7	1767	57,0		
MRFP 20152	152	28,2	1286	45,6	1748	62,0		
MRFP 20305	305	15,0	1373	91,5	1815	121,0		
MRFP 25025	25	12,5	25	375,0	2813	7,5	3375	9,0
MRFP 25032			32	297,0	2851	9,6	3267	11,0
MRFP 25038			38	219,0	2497	11,4	3066	14,0
MRFP 25044			44	187,0	2468	13,2	2992	16,0
MRFP 25051			51	156,0	2387	15,3	2964	19,0
MRFP 25064			64	123,0	2362	19,2	3198	26,0
MRFP 25076			76	99,0	2257	22,8	2871	29,0
MRFP 25089			89	84,0	2243	26,7	2940	35,0
MRFP 25102			102	73,0	2234	30,6	2847	39,0
MRFP 25115			115	65,0	2243	34,5	2925	45,0
MRFP 25127	127	57,7	2198	38,1	2770	48,0		
MRFP 25139	139	52,7	2198	41,7	2846	54,0		
MRFP 25152	152	47,8	2180	45,6	2868	60,0		
MRFP 25178	178	41,0	2189	53,4	2747	67,0		
MRFP 25203	203	35,8	2180	60,9	2864	80,0		
MRFP 25305	305	22,9	2095	91,5	2725	119,0		

Código	Ø do Furo	Ø do Pino	Comp. Livre (mm)	Carga p/ Def. (N/mm)	Tabela de Deflexão de Carga			
					40% - Deflexão para máx. vida		Deflexão Total	
	D	d	L	Carga (N)	Deflexão (mm)	Carga (N)	Deflexão (mm)	
MRFP 32038	32	16	38	388,0	4423	11,4	5044	13,0
MRFP 32044			44	324,0	4277	13,2	5184	16,0
MRFP 32051			51	272,0	4162	15,3	4896	18,0
MRFP 32064			64	212,0	4070	19,2	4876	23,0
MRFP 32076			76	172,0	3922	22,8	4644	27,0
MRFP 32089			89	141,0	3765	26,7	4653	33,0
MRFP 32102			102	122,0	3733	30,6	4758	39,0
MRFP 32115			115	107,0	3692	34,5	4601	43,0
MRFP 32127			127	93,0	3543	38,1	4371	47,0
MRFP 32139			139	86,0	3586	41,7	4386	51,0
MRFP 32152	152	78,0	3557	45,6	4290	55,0		
MRFP 32178	178	67,2	3588	53,4	4637	69,0		
MRFP 32203	203	59,1	3599	60,9	4787	81,0		
MRFP 32254	254	46,4	3536	76,2	4594	99,0		
MRFP 32305	305	38,0	3477	91,5	4522	119,0		
MRFP 40051	40	20	51	350,0	5355	15,3	6300	18,0
MRFP 40064			64	269,0	5165	19,2	6725	25,0
MRFP 40076			76	219,0	4993	22,8	6570	30,0
MRFP 40089			89	190,0	5073	26,7	6840	36,0
MRFP 40102			102	163,0	4988	30,6	6683	41,0
MRFP 40115			115	142,0	4899	34,5	6674	47,0
MRFP 40127			127	128,0	4877	38,1	6784	53,0
MRFP 40139			139	115,0	4796	41,7	6440	56,0
MRFP 40152			152	105,0	4788	45,6	6510	62,0
MRFP 40178			178	89,0	4753	53,4	6230	70,0
MRFP 40203	203	77,0	4689	60,9	6391	83,0		
MRFP 40254	254	61,0	4648	76,2	6161	101,0		
MRFP 40305	305	51,0	4667	91,5	6477	127,0		
MRFP 50064	50	25	64	413,0	7930	19,2	10738	26,0
MRFP 50076			76	339,0	7729	22,8	9831	29,0
MRFP 50089			89	288,0	7690	26,7	10080	35,0
MRFP 50102			102	245,0	7497	30,6	10045	41,0
MRFP 50115			115	215,0	7418	34,5	10105	47,0
MRFP 50127			127	192,0	7315	38,1	10560	55,0
MRFP 50139			139	168,0	7006	41,7	10248	61,0
MRFP 50152			152	154,0	7022	45,6	10164	66,0
MRFP 50178			178	134,0	7156	53,4	10050	75,0
MRFP 50203			203	117,0	7125	60,9	10179	87,0
MRFP 50254	254	89,0	6782	76,2	9612	108,0		
MRFP 50305	305	73,0	6680	91,5	9709	133,0		

**\*SEÇÃO**

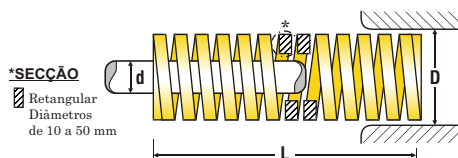
● Redonda  
Diâmetros  
de 10 a 16 mm

▨ Retangular  
Diâmetros  
de 20 a 50 mm



Código	Ø do Furo	Ø do Pino	Comp. Livre (mm)	Carga p/ Def. (N/mm)	Tabela de Deflexão de Carga			
					40% - Deflexão para máx. vida		Deflexão Total	
					Carga (N)	Deflexão (mm)	Carga (N)	Deflexão (mm)
MRFEP 10025	10	5	25	36,8	230	6,3	331	9,0
MRFEP 10032			32	27,9	223	8,0	335	12,0
MRFEP 10038			38	23,7	225	9,5	332	14,0
MRFEP 10044			44	19,2	211	11,0	326	17,0
MRFEP 10051			51	16,5	210	12,8	314	19,0
MRFEP 10064			64	13,2	211	16,0	304	23,0
MRFEP 10076			76	10,9	207	19,0	327	30,0
MRFEP 10305			305	2,6	198	76,3	304	117,0
MRFEP 13025			25	58,5	366	6,3	527	9,0
MRFEP 13032			32	43,9	351	8,0	527	12,0
MRFEP 13038	38	36,0	342	9,5	504	14,0		
MRFEP 13044	44	30,3	333	11,0	545	18,0		
MRFEP 13051	12,5	6,3	51	26,2	334	12,8	524	20,0
MRFEP 13064			64	21,2	339	16,0	572	27,0
MRFEP 13076			76	17,1	325	19,0	547	32,0
MRFEP 13089			89	14,5	323	22,3	551	38,0
MRFEP 13102			102	12,5	319	25,5	513	41,0
MRFEP 13305			305	4,3	328	76,3	495	115,0
MRFEP 16025			16	8	25	118,0	738	6,3
MRFEP 16032	32	89,0			712	8,0	1068	12,0
MRFEP 16038	38	72,1			685	9,5	1009	14,0
MRFEP 16044	44	60,9			670	11,0	1035	17,0
MRFEP 16051	51	52,3			667	12,8	994	19,0
MRFEP 16064	64	41,2			659	16,0	1030	25,0
MRFEP 16076	76	34,1			648	19,0	989	29,0
MRFEP 16089	89	29,5			656	22,3	1062	36,0
MRFEP 16102	102	25,6			653	25,5	973	38,0
MRFEP 16305	305	8,4			641	76,3	1008	120,0
MRFEP 20025	20	10	25	293,0	1831	6,3	2051	7,0
MRFEP 20032			32	224,0	1792	8,0	2240	10,0
MRFEP 20038			38	177,0	1682	9,5	2124	12,0
MRFEP 20044			44	149,0	1639	11,0	2086	14,0
MRFEP 20051			51	128,0	1632	12,8	2048	16,0
MRFEP 20064			64	99,0	1584	16,0	2178	22,0
MRFEP 20076			76	81,7	1552	19,0	2043	25,0
MRFEP 20089			89	69,5	1546	22,3	2155	31,0
MRFEP 20102			102	60,6	1545	25,5	2182	36,0
MRFEP 20115			115	53,0	1524	28,8	2226	42,0
MRFEP 20127	127	47,5	1508	31,8	2043	43,0		
MRFEP 20139	139	43,0	1494	34,8	2064	48,0		
MRFEP 20152	152	39,0	1482	38,0	2028	52,0		
MRFEP 20305	305	21,2	1617	76,3	2226	105,0		
MRFEP 25032	25	12,5	32	374,4	2995	8,0	4118	11,0
MRFEP 25038			38	346,0	3287	9,5	4498	13,0
MRFEP 25044			44	244,0	2684	11,0	3904	16,0
MRFEP 25051			51	207,5	2646	12,8	3735	18,0
MRFEP 25064			64	161,0	2576	16,0	3703	23,0
MRFEP 25076			76	130,8	2485	19,0	3401	26,0
MRFEP 25089			89	110,5	2459	22,3	3426	31,0
MRFEP 25102			102	96,3	2456	25,5	3467	36,0
MRFEP 25115			115	85,7	2464	28,8	3514	41,0
MRFEP 25127			127	76,3	2423	31,8	3586	47,0
MRFEP 25152	152	63,5	2413	38,0	3429	54,0		
MRFEP 25178	178	53,9	2399	44,5	3396	63,0		
MRFEP 25203	203	47,0	2385	50,8	3384	72,0		
MRFEP 25305	305	30,9	2356	76,3	3492	113,0		

Código	Ø do Furo	Ø do Pino	Comp. Livre (mm)	Carga p/ Def. (N/mm)	Tabela de Deflexão de Carga			
					40% - Deflexão para máx. vida		Deflexão Total	
					Carga (N)	Deflexão (mm)	Carga (N)	Deflexão (mm)
MRFEP 32038	32	16	38	528,2	5018	9,5	6338	12,0
MRFEP 32044			44	424,4	4668	11,0	6366	15,0
MRFEP 32051			51	353,0	4501	12,8	6001	17,0
MRFEP 32064			64	269,2	4307	16,0	5922	22,0
MRFEP 32076			76	218,5	4152	19,0	5463	25,0
MRFEP 32089			89	180,3	4012	22,3	5950	33,0
MRFEP 32102			102	155,0	3953	25,5	5580	36,0
MRFEP 32115			115	140,0	4025	28,8	5880	42,0
MRFEP 32127			127	124,0	3937	31,8	5704	46,0
MRFEP 32152			152	102,0	3876	38,0	5712	56,0
MRFEP 32178	178	88,2	3925	44,5	5645	64,0		
MRFEP 32203	203	76,0	3857	50,8	5396	71,0		
MRFEP 32254	254	60,8	3861	63,5	5472	90,0		
MRFEP 32305	305	49,0	3736	76,3	5047	103,0		
MRFEP 40051	40	20	51	628,0	8007	12,8	10676	17,0
MRFEP 40064			64	487,0	7792	16,0	11201	23,0
MRFEP 40076			76	379,0	7201	19,0	10233	27,0
MRFEP 40089			89	321,0	7142	22,3	9951	31,0
MRFEP 40102			102	281,0	7166	25,5	10116	36,0
MRFEP 40115			115	245,0	7044	28,8	9800	40,0
MRFEP 40127			127	221,0	7017	31,8	9724	44,0
MRFEP 40139			139	202,0	7020	34,8	10504	52,0
MRFEP 40152			152	168,0	6384	38,0	9408	56,0
MRFEP 40178			178	148,0	6586	44,5	9028	61,0
MRFEP 40203	203	132,0	6699	50,8	9636	73,0		
MRFEP 40254	254	107,0	6795	63,5	9951	93,0		
MRFEP 40305	305	87,8	6695	76,3	9307	106,0		
MRFEP 50064	50	25	64	709,0	11344	16,0	14889	21,0
MRFEP 50076			76	572,0	10868	19,0	14300	25,0
MRFEP 50089			89	475,0	10569	22,3	13300	28,0
MRFEP 50102			102	405,0	10328	25,5	13365	33,0
MRFEP 50115			115	352,0	10120	28,8	13376	38,0
MRFEP 50127			127	316,0	10033	31,8	13588	43,0
MRFEP 50139			139	289,0	10043	34,8	13583	47,0
MRFEP 50152			152	239,0	9082	38,0	12667	53,0
MRFEP 50178			178	216,0	9612	44,5	12960	60,0
MRFEP 50203			203	187,0	9490	50,8	13277	71,0
MRFEP 50254	254	153,0	9716	63,5	13923	91,0		
MRFEP 50305	305	127,0	9684	76,3	13462	106,0		



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**Edição Junho/2009**