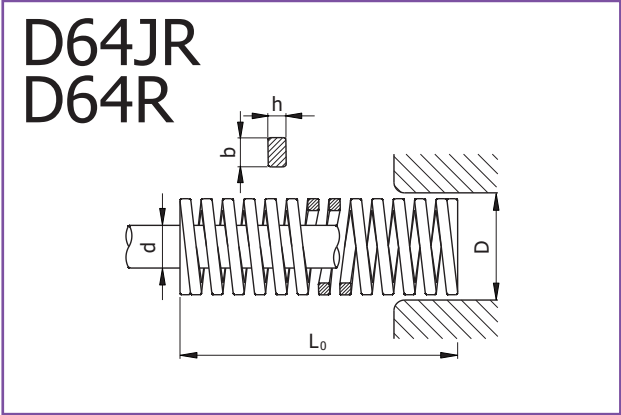


HIGH PERFORMANCE COMPRESSION SPRING
 Rectangular Wire-Red Color
 DIN/ISO 10243

فنر
 مقطع مفتول فنر مستطیل - رنگ قرمز



کد سفارش Ordering Code	D d (b x h)		L ₀	D64 (Rate) فنر ±10%		D64J (Rate) فنر ±10%		A 20% دوام 3.000.000 شرب		B 25% دوام 1.500.000 شرب		C 30%Max. defl بیشترین تغییر طول مجاز دوام 200.000 شرب		D Approx تغییر طول تقریبی تا بسته شدن																																	
	mm	mm		N/mm	N/mm	mm	N		mm	N		mm	N		mm		N																														
							D64	D64J		D64	D64J		D64J	D64	D64	D64																															
D64.../10/025	10	5	25	22.1	26.7	5	111	6.3	139	7.5	166	8	9	199	10.2	12	210																														
D64.../10/032																		32	17.5	20.8	6.4	112	8	140	9.6	168	11.4	195	12.2	15	257																
D64.../10/038																		38	17.1	17.5	7.6	130	9.5	162	11.4	195	12.2	15	257	14.1	17	255															
D64.../10/044																		44	15	15.2	8.8	132	11	165	13.2	198	14.1	17	255	16.3	21	269															
D64.../10/051																		51	12.8	13.1	10.2	131	12.8	164	15.3	196	16.3	21	269	20.5	26	278															
D64.../10/064																		64	10.7	10.4	12.8	137	16	171	19.2	205	24.3	31	233	28.5	-	-															
D64.../10/076																		76	7.5	8.8	15.2	114	19	143	22.8	171	32.6	-	-	97.6	122	256															
D64JR/10/089																		D64J (2 x 1.5)	-	-	7.5	17.8	-	-	22.3	-	26.7	-	28.5	-	-	-	-	-													
D64JR/10/102																																			102	-	6.5	20.4	-	-	25.5	-	30.6	-	32.6	-	-
D64.../10/305																																			305	2.1	2.2	6.1	128	76.3	160	91.5	192	97.6	122	256	
D64.../13/025	12.5	6.3	25	42.1	44	5	211	6.3	265	7.5	316	8	9	379	10.2	13	432																														
D64.../13/032																		32	33.2	34.4	6.4	212	8	266	9.6	319	11.4	334	12.2	15	440																
D64.../13/038																		38	29.3	28.9	7.6	223	9.5	278	11.4	334	12.2	15	440	14.1	18	443															
D64.../13/044																		44	24.6	25	8.8	216	11	271	13.2	325	14.1	18	443	16.3	20	392															
D64.../13/051																		51	19.6	21.6	10.2	200	12.8	251	15.3	300	16.3	20	392	20.5	26	390															
D64.../13/064																		64	15	17.2	12.8	192	16	240	19.2	288	24.3	30	396	28.5	35	399															
D64.../13/076																		76	13.2	14.5	15.2	201	19	251	22.8	301	32.6	41	385	36.8	-	-															
D64.../13/089																		D64J (2.3 x 2.1)	-	-	11.4	17.8	203	22.3	254	26.7	304	32.6	41	385	36.8	-	-	-													
D64.../13/102																																			102	9.4	10.8	20.4	192	25.5	249	30.6	287	32.6	41	385	
D64JR/13/115																																			115	-	9.6	23	-	28.8	-	34.5	-	36.8	-	-	
D64.../13/305	305	2.8	3.6	6.1	171	76.3	214	91.5	256	97.6	123	344																																			
D64.../16/025	16	8	25	75.7	80	5	379	6.3	477	7.5	568	8	9	681	10.2	14	739																														
D64.../16/032																		32	52.8	62.5	6.4	338	8	422	9.6	507	11.4	553	12.2	17	825																
D64.../16/038																		38	48.5	52.6	7.6	369	9.5	461	11.4	553	12.2	17	825	14.1	20	856															
D64.../16/044																		44	42.8	45.5	8.8	377	11	471	13.2	565	14.1	20	856	16.3	21	779															
D64.../16/051																		51	37.1	39.2	10.2	378	12.8	475	15.3	568	16.3	21	779	20.5	28	848															
D64.../16/064																		64	30.3	31.3	12.8	388	16	485	19.2	582	24.3	33	848	28.5	39	846															
D64.../16/076																		76	25.8	26.3	15.2	391	19	490	22.8	586	32.6	44	849	36.8	-	-															
D64.../16/089																		D64J (3.2 x 2.5)	-	-	21.7	17.8	386	22.3	484	26.7	579	32.6	44	849	36.8	-	-	-													
D64.../16/102																																			102	19.3	19.6	20.4	394	25.5	492	30.6	561	32.6	44	849	
D64JR/16/115																																			115	-	17.4	23	-	28.8	-	34.5	-	36.8	-	-	
D64JR/16/127	127	-	15.7	25.4	-	31.8	-	38.1	-	40.6	-	-																																			
D64.../16/305	305	7.1	6.6	6.1	433	76.3	542	91.5	650	97.6	127	902																																			

HIGH PERFORMANCE COMPRESSION SPRING

Rectangular Wire-Red Color

DIN/ISO 10243

فنر

مقطع مفتول فنر مستطیل - رنگ قرمز

کد سفارش Ordering Code	D d (b x h)		L ₀	D64 (Rate) فنر ±10%	D64J (Rate) فنر ±10%	A 20% دوام 3.000.000 فنر		B 25% دوام 1.500.000 فنر		C 30% Max. defl بیشترین تغییر طول مجاز دوام 200.000 فنر		D Approx تغییر طول تقریبی تا بسته شدن			
	mm	mm		N/mm	N/mm	mm	N		mm	N		mm		N	
							D64	D64J	D64	D64J	D64	D64J	D64J	D64	D64
D64.../20/025	20	10	25	216	160	5	1080	6.3	1361	7.5	1620	8	9	1944	
D64.../20/032			32	168	125	6.4	1075	8	1344	9.6	1613	10.2	11	1848	
D64.../20/038			38	129	105.3	7.6	980	9.5	1226	11.4	1471	12.2	13	1677	
D64.../20/044			44	112	90.9	8.8	986	11	1232	13.2	1478	14.1	16	1792	
D64.../20/051			51	94	78.4	10.2	959	12.8	1203	15.3	1438	16.3	20	1880	
D64.../20/064			64	72.1	62.5	12.8	923	16	1154	19.2	1384	20.5	25	1803	
D64.../20/076			76	59.7	52.6	15.2	907	19	1134	22.8	1361	24.3	29	1731	
D64.../20/089			89	50.5	44.9	17.8	899	22.3	1126	26.7	1348	28.5	35	1768	
D64.../20/102			102	44.2	39.2	20.4	902	25.5	1127	30.6	1353	32.6	40	1768	
D64.../20/115			115	38.4	34.8	23	883	28.8	1106	34.5	1325	36.8	47	1805	
D64.../20/127			127	34.1	31.5	25.4	866	31.8	1084	38.1	1299	40.6	52	1773	
D64.../20/139			139	31	28.8	27.8	862	34.8	1085	41.7	1293	44.5	57	1767	
D64.../20/152			152	28.2	26.3	30.4	857	38	1072	45.6	1286	48.6	62	1748	
D64JR/20/178			178	-	22.5	35.6	-	44.5	-	53.4	-	57	-	-	
D64JR/20/203			203	-	19.7	40.6	-	50.8	-	60.9	-	65	-	-	
D64.../20/305			305	15	13.1	61	915	76.3	1145	91.5	1373	97.6	121	1815	
D64.../25/025	25	12.5	25	375	266.7	5	1875	6.3	2363	7.5	2813	8	9	3375	
D64.../25/032			32	297	208.3	6.4	1901	8	2376	9.6	2851	10.2	11	3267	
D64.../25/038			38	219	175.4	7.6	1664	9.5	2081	11.4	2497	12.2	14	3066	
D64.../25/044			44	187	151.5	8.8	1646	11	2057	13.2	2468	14.1	16	2992	
D64.../25/051			51	156	130.7	10.2	1591	12.8	1997	15.3	2387	16.3	19	2964	
D64.../25/064			64	123	104.2	12.8	1574	16	1968	19.2	2362	20.5	26	3198	
D64.../25/076			76	99	87.7	15.2	1505	19	1881	22.8	2257	24.3	29	2871	
D64.../25/089			89	84	74.9	17.8	1495	22.3	1873	26.7	2243	28.5	35	2940	
D64.../25/102			102	73	65.4	20.4	1489	25.5	1862	30.6	2234	32.6	39	2847	
D64.../25/115			115	65	58.0	23	1495	28.8	1872	34.5	2243	36.8	45	2925	
D64.../25/127			127	57.7	52.5	25.4	1466	31.8	1835	38.1	2198	40.6	48	2770	
D64.../25/139			139	52.7	48.0	27.8	1465	34.8	1845	41.7	2198	44.5	54	2846	
D64.../25/152			152	47.8	43.9	30.4	1453	38	1816	45.6	2180	48.6	60	2868	
D64.../25/178			178	41	37.5	35.6	1460	44.5	1825	53.4	2189	57	67	2747	
D64.../25/203			203	35.8	32.8	40.6	1453	50.8	1819	60.9	2180	65	80	2864	
D64JR/25/229			229	-	29.1	45.8	-	57.3	-	68.7	-	73.3	-	-	
D64.../25/305	305	22.9	21.9	61	1397	76.3	1747	91.5	2095	97.6	119	2725			
D64.../32/038	32	16	38	388	298.2	7.6	2949	9.5	3686	11.4	4423	12.2	13	5044	
D64.../32/044			44	324	257.6	8.8	2851	11	3564	13.2	4277	14.1	16	5184	
D64.../32/051			51	272	222.2	10.2	2774	12.8	3482	15.3	4162	16.3	18	4896	
D64.../32/064			64	212	177.1	12.8	2714	16	3392	19.2	4070	20.5	23	4876	
D64.../32/076			76	172	149.1	15.2	2614	19	3268	22.8	3922	24.3	27	4644	
D64.../32/089			89	141	127.3	17.8	2510	22.3	3144	26.7	3765	28.5	33	4653	
D64.../32/102			102	122	111.1	20.4	2489	25.5	3111	30.6	3733	32.6	39	4758	
D64.../32/115			115	107	98.6	23	2461	28.8	3082	34.5	3692	36.8	43	4601	
D64.../32/127			127	93	89.2	25.4	2362	31.8	2957	38.1	3543	40.6	47	4371	
D64.../32/139			139	86	81.5	27.8	2391	34.8	3010	41.7	3586	44.5	51	4386	
D64.../32/152			152	78	74.6	30.4	2371	38	2964	45.6	3557	48.6	55	4290	
D64.../32/178			178	67.2	63.7	35.6	2392	44.5	2990	53.4	3588	57.0	69	4637	
D64.../32/203			203	59.1	55.8	40.6	2399	50.8	3002	60.9	3599	65.0	81	4787	
D64JR/32/229			229	-	49.5	45.8	-	57.3	-	68.7	-	73.3	-	-	
D64.../32/254			254	46.4	44.6	50.8	2357	63.5	2946	76.2	3536	81.3	99	4594	
D64.../32/305			305	38	37.2	61	2318	76.3	2899	91.5	3477	97.6	119	4522	
D64.../40/051	40	20	51	350	326.8	10.2	3570	12.8	4480	15.3	5355	16.3	18	6300	
D64.../40/064			D64 (8.4 x 6.2)	64	269	260.4	12.8	3443	16	4304	19.2	5165	20.5	25	6725
D64.../40/076			D64J	76	219	219.3	15.2	3329	19	4161	22.8	4993	24.3	30	6570
D64.../40/089			D64J	89	190	187.3	17.8	3382	22.3	4237	26.7	5073	28.5	36	6840
D64.../40/102			D64J (8.7 x 6.3)	102	163	163.4	20.4	3325	25.5	4157	30.6	4988	32.6	41	6683

HIGH PERFORMANCE COMPRESSION SPRING

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فنر

مقطع مفتول فنر مستطیل - رنگ قرمز

کد سفارش Ordering Code	D d (b x h)		L ₀	D64 (Rate) فنر ±10%	D64J (Rate) فنر ±10%	A 20% دوام 3.000.000 ضرب		B 25% دوام 1.500.000 ضرب		C 30% Max. defl بیشترین تغییر طول مجاز دوام 200.000 ضرب		D Approx تغییر طول تقریبی تا بسته شدن				
	mm	mm		N/mm	N/mm	mm	N		mm	N		mm	mm		N	
			D64				D64J	D64		D64J	D64J		D64	D64		
D64.../40/115	40	20	115	142	144.9	23	3266	28.8	4090	34.5	4899	36.8	47	6674		
D64.../40/127			127	128	131.2	25.4	3251	31.8	4070	38.1	4877	40.6	53	6784		
D64.../40/139			139	115	119.9	27.8	3197	34.8	4025	41.7	4796	44.5	56	6440		
D64.../40/152			D64 (8.4 x 6.2)	152	105	109.6	30.4	3192	38	3990	45.6	4788	48.6	62	6510	
D64.../40/178				178	89	93.6	35.6	3168	44.5	3961	53.4	4753	57	70	6230	
D64.../40/203			203	77	82.1	40.6	3126	50.8	3912	60.9	4689	65	83	6391		
D64JR/40/229			D64J (8.7 x 6.3)	229	-	72.8	45.8	-	57.3	-	68.7	-	73.3	-	-	
D64.../40/254				254	61	65.6	50.8	3099	63.5	3874	76.2	4648	81.3	101	6161	
D64.../40/305	305	51	54.6	61	3111	76.3	3891	91.5	4667	97.6	127	6477				
D64.../50/064	50	25	64	413	390.6	12.8	5286	16	6608	19.2	7930	20.5	26	10738		
D64.../50/076			76	339	328.9	15.2	5153	19	6441	22.8	7729	24.3	29	9831		
D64.../50/089			89	288	280.9	17.8	5126	22.3	6422	26.7	7690	28.5	35	10080		
D64.../50/102			102	245	245.1	20.4	4998	25.5	6248	30.6	7497	32.6	41	10045		
D64.../50/115			D64 (11.3 x 7.4)	115	215	217.4	23	4945	28.8	6192	34.5	7418	36.8	47	10105	
D64.../50/127				127	192	196.9	25.4	4877	31.8	6109	38.1	7315	40.6	55	10560	
D64.../50/139			139	168	179.9	27.8	4670	34.8	5880	41.7	7006	44.5	61	10248		
D64.../50/152			D64J (12.2 x 7.5)	152	154	164.5	30.4	7682	38	5852	45.6	7022	48.6	66	10164	
D64.../50/178				178	134	140.4	35.6	4770	44.5	5963	53.4	7156	57	75	10050	
D64.../50/203			203	117	123.2	40.6	4750	50.8	5944	60.9	7125	65	87	10179		
D64JR/50/229			229	-	109.2	45.8	-	57.3	-	68.7	-	73.3	-	-		
D64.../50/254			254	89	98.4	50.8	4521	63.5	5652	76.2	6782	81.3	108	9612		
D64.../50/305			305	73	82	61	4453	76.3	5570	91.5	6680	97.6	133	9709		
D64.../63/076			63	38	76	630	526.3	15.2	9576	19	11970	22.8	14364	24.3	24	15120
D64.../63/089					89	485	449.4	17.8	8633	22.3	10815	26.7	12920	28.5	32	15520
D64.../63/102					102	434	392.2	20.4	8854	25.5	11067	30.6	13280	32.6	36	15624
D64.../63/115	D64 (12.5 x 11)	115			484	347.8	23	8832	28.8	11059	34.5	13248	36.8	40	15360	
D64.../63/127		127			349	315	25.4	8865	31.8	11098	38.1	13297	40.6	44	15356	
D64.../63/152	152	276			263.2	30.4	8390	38	10488	45.6	12586	48.6	56	15456		
D64.../63/178	178	237			224.7	35.6	8437	44.5	10546	53.4	12656	57	65	15405		
D64.../63/203	203	210			197	40.6	8526	50.8	10668	60.9	12789	65	74	15540		
D64JR/63/229	D64J (12 x 11.5)	229			-	174.7	57.3	-	57.3	-	68.7	-	73.3	-	-	
D64.../63/254		254			165	157.5	50.8	8382	63.5	10477	76.2	12573	81.3	94	15510	
D64.../63/305	305	134			131.1	61	8174	76.3	10224	91.5	12261	97.6	115	15410		