

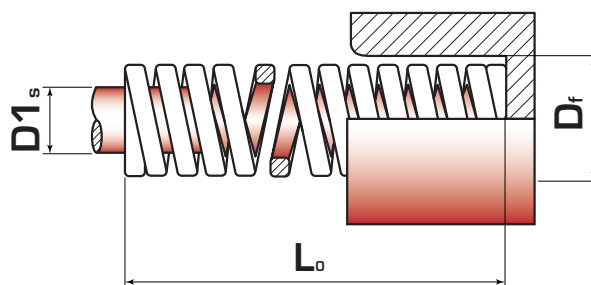
Pružina-ISO 10243

Spring-ISO 10243

P003

Vysoké zatížení - Červená - CF

Heavy duty - Red - CF



Popis

Materiál: chrom-vanadiová ocel dle ISO 10243

Teplotní odolnost: 230 °C

Příklad objednávkového čísla: P003-P009

Profil drátu pro optimální tuhost a odolnost proti poškození i při dlouhodobém vysokém namáhání.

Description

Material: chromium-vanadium steel according to ISO 10243

Max. work temperature: 230 °C

Example of purchasing order: P003-P009

Wire profile for optimum stiffness and resistance to damage even under long-term high stresses.

Kód	Df	D1s	Lo	RATE Rg N/mm	Solid spring (Lb) (mm)	Solid spring (fbl) (mm)	„Deflec. and Load 13% flb (bl) (mm)“	„Deflec. and Load 13% flb (bl) (N)“	„Deflec. and Load 30% flb (bl) (mm)“	„Deflec. and Load 30% flb (bl) (N)“	„Deflec. and Load 45% flb (bl) (mm)“	„Deflec. and Load 45% flb (bl) (N)“	„Deflec. and Load 62% flb (bl) (mm)“	„Deflec. and Load 62% flb (bl) (N)“	„Deflec. and Load 80% flb (bl) (mm)“	„Deflec. and Load 80% flb (bl) (N)“
P001	10	5	25	22.1	9	1.2	27	2.8	62	4.2	93	5.8	128	7.5	166	
P002	10	5	32	17.5	20	12	1.5	27	3.5	61	5.3	92	7.3	127	9.6	168
P003	10	5	38	17.1	24	14	1.8	31	4.2	72	6.3	108	8.7	148	11.4	195
P004	10	5	44	15	27	17	2.2	33	5.1	77	7.7	115	10.5	158	13.2	198
P005	10	5	51	12.8	32	19	2.5	32	5.7	73	8.6	109	11.8	151	15.3	196
P006	10	5	64	10.7	39	25	3.3	35	7.5	80	11.3	120	15.5	166	19.2	205
P007	10	5	76	7.5	47	29	3.8	28	8.7	65	13.1	98	18	135	22.8	171
P008	10	5	305	2.1	185	120	15.6	33	36	76	54	113	74.4	156	91.5	192
P009	12.5	6.3	25	42.1	16	9	1.1	48	2.6	110	3.9	165	5.4	227	7.5	316
P010	12.5	6.3	32	33.2	21	11	1.4	47	3.3	110	5	164	6.8	226	9.6	319
P011	12.5	6.3	38	29.3	24	14	1.8	51	4.1	119	6.1	178	8.4	245	11.4	334
P012	12.5	6.3	44	24.6	28	16	2.1	51	4.8	118	7.2	177	9.9	244	13.2	325
P013	12.5	6.3	51	19.6	32	19	2.5	48	5.7	112	8.6	168	11.8	231	15.3	300
P014	12.5	6.3	64	15	40	24	3.1	47	7.2	108	10.8	162	14.9	223	19.2	288
P015	12.5	6.3	76	13.2	47	29	3.8	50	8.7	115	13.1	172	18	237	22.8	301
P016	12.5	6.3	89	11.4	56	33	4.3	49	9.9	113	14.9	169	20.5	233	26.7	304
P017	12.5	6.3	102	8.5	38	64	5	42	11	97	17	145	24	200	30	258
P018	12.5	6.3	305	2.8	185	120	15.6	44	36	101	54	151	74.4	208	91.5	356
P019	16	8	25	75.7	16	9	1.1	86	2.6	198	3.9	296	5.4	408	7.5	568
P020	16	8	32	52.8	21	11	1.4	76	3.3	174	5	261	6.8	360	9.6	507
P021	16	8	38	48.5	24	14	1.8	86	4.1	199	6.2	299	8.5	412	11.4	553
P022	16	8	44	42.8	28	16	2	87	4.7	202	7.1	302	9.7	417	13.2	565
P023	16	8	51	37.1	32	19	2.4	89	5.6	206	8.3	309	11.5	426	15.3	568
P024	16	8	64	30.3	40	24	3.1	93	7.1	214	10.6	320	14.6	441	19.2	582
P025	16	8	76	25.7	47	29	3.8	97	8.7	224	13.1	335	18	462	22.8	586
P026	16	8	89	21.7	54	35	4.5	97	10.4	225	15.5	337	21.4	464	26.7	579
P027	16	8	102	19.3	62	40	5.2	100	12	232	18	347	24.8	479	30.6	591
P028	16	8	115	16	42	73	5	87	13	202	19	302	26	417	34	538
P029	16	8	305	7.1	183	122	15.9	113	36.6	260	54.9	390	75.6	537	91.5	650
P030	20	10	25	216	17	8	1.1	236	2.5	544	3.8	816	5.2	1125	7.5	1620
P031	20	10	32	168	21	11	1.4	229	3.2	529	4.7	794	6.5	1094	9.6	1613
P032	20	10	38	129	25	13	1.6	210	3.8	484	5.6	726	7.8	1000	11	1419

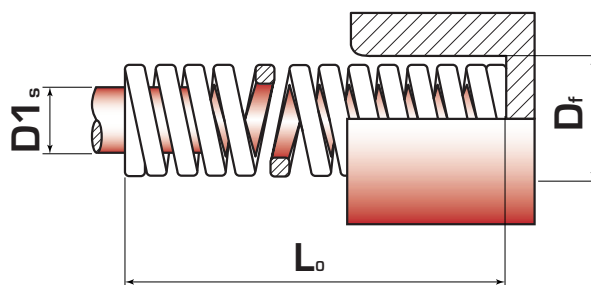
Pružina-ISO 10243

Spring-ISO 10243

P003

Vysoké zatížení - Červená - CF

Heavy duty - Red - CF



Popis

Materiál: chrom-vanadiová ocel dle ISO 10243

Teplotní odolnost: 230 °C

Příklad objednávkového čísla: P003-P009

Profil drátu pro optimální tuhost a odolnost proti poškození i při dlouhodobém vysokém namáhání.

Description

Material: chromium-vanadium steel according to ISO 10243

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Wire profile for optimum stiffness and resistance to damage even under long-term high stresses.

Kód	Df	D1s	Lo	RATE	Rg	Solid spring	Solid spring	„Deflec. and Load	„Deflec. and Load	„Deflec. and Load	„Deflec. and Load	„Deflec. and Load	„Deflec. and Load	„Deflec. and Load	„Deflec. and Load	„Deflec. and Load	
				N/mm		(Lb) (mm)	(fbl) (mm)	13% fbl (bl) (mm)“	13% fbl (bl) (N)“	30% fbl (bl) (mm)“	30% fbl (bl) (N)“	45% fbl (bl) (mm)“	45% fbl (bl) (N)“	62% fbl (bl) (mm)“	62% fbl (bl) (N)“	80% fbl (bl) (mm)“	80% fbl (bl) (N)“
P033	20	10	44	112	29	15	1.9	211	4.4	487	6.5	731	9	1007	13	1456	
P034	20	10	51	94	34	17	2.1	202	5	465	7.4	698	10.2	962	15	1410	
P035	20	10	64	72.1	43	21	2.7	197	6.3	454	9.5	681	13	939	19	1370	
P036	20	10	76	59.7	50	26	3.4	202	7.8	466	11.7	698	16.1	962	23	1373	
P037	20	10	89	50.5	59	30	3.9	197	9	455	13.5	682	18.6	939	27	1364	
P038	20	10	102	44.2	67	35	4.6	201	10.5	464	15.8	696	21.7	959	31	1370	
P039	20	10	115	38.4	75	40	5.2	200	12	461	18	691	24.8	952	35	1344	
P040	20	10	127	34.1	83	44	5.7	195	13.2	450	19.8	675	27.3	930	38	1296	
P041	20	10	139	31	90	49	6.4	197	14.7	456	22.1	684	30.4	942	42	1302	
P042	20	10	152	28.2	99	53	6.9	194	15.9	448	23.9	673	32.9	927	46	1297	
P043	20	10	305	15	197	108	14	211	32.4	486	48.6	729	67	1004	91	1365	
P044	25	12.5	25	375	16	9	1.2	439	2.7	1013	4.1	1519	5.6	2093	7.5	2813	
P045	25	12.5	32	297	21	11	1.4	405	3.2	936	4.7	1403	6.5	1933	9.6	2851	
P046	25	12.5	38	219	25	13	1.7	370	3.9	854	5.9	1281	8.1	1765	11	2409	
P047	25	12.5	44	187	28	16	2	377	4.7	870	7	1304	9.6	1797	13	2431	
P048	25	12.5	51	156	33	18	2.3	365	5.4	842	8.1	1264	11.2	1741	15	2340	
P049	25	12.5	64	123	41	23	2.9	360	6.8	830	10.1	1245	14	1716	19	2337	
P050	25	12.5	76	99	48	28	3.6	354	8.3	817	12.4	1225	17.1	1688	23	2277	
P051	25	12.5	89	84	56	33	4.2	355	9.8	819	14.6	1229	20.2	1693	27	2268	
P052	25	12.5	102	73	64	38	4.9	356	11.3	821	16.9	1232	23.3	1697	31	2263	
P053	25	12.5	115	65	72	43	5.6	361	12.8	833	19.2	1249	26.5	1721	35	2276	
P054	25	12.5	127	57.7	80	47	6.1	353	14.1	814	21.2	1220	29.1	1681	38	2193	
P055	25	12.5	139	52.7	87	52	6.8	356	15.6	822	23.4	1233	32.2	1699	42	2213	
P056	25	12.5	152	47.8	94	58	7.5	357	17.3	825	25.9	1237	35.7	1704	46	2199	
P057	25	12.5	178	41	112	66	8.6	353	19.9	815	29.8	1222	41.1	1684	53	2173	
P058	25	12.5	203	35.8	127	76	9.9	355	22.9	819	34.3	1228	47.3	1692	61	2184	
P059	25	12.5	305	22.9	191	114	14.8	339	34.1	781	51.2	1172	70.5	1615	91	2084	
P060	32	16	38	388	24	14	1.8	694	4.1	1601	6.2	2401	8.5	3308	11	4268	
P061	32	16	44	324	28	16	2.1	684	4.9	1580	7.3	2369	10.1	3264	13	4212	
P062	32	16	51	272	32	19	2.4	663	5.6	1530	8.4	2295	11.6	3162	15	4080	
P063	32	16	64	212	40	24	3.1	655	7.1	1511	10.7	2266	14.7	3122	19	4028	
P064	32	16	76	172	47	29	3.7	643	8.6	1484	12.9	2225	17.8	3066	23	3956	

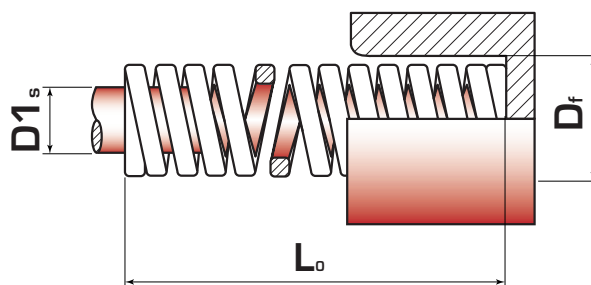
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Heavy duty - Red - CF



Popis

Materiál: chrom-vanadiová ocel dle ISO 10243

Teplotní odolnost: 230 °C

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				N/mm		(Lb) (mm)	(fbl) (mm)	13% flb (bl) (mm)“	13% flb (bl) (N)“	30% flb (bl) (mm)“	30% flb (bl) (N)“	45% flb (bl) (mm)“	45% flb (bl) (N)“	62% flb (bl) (mm)“	62% flb (bl) (N)“	80% flb (bl) (mm)“	80% flb (bl) (N)“
P065	32	16	89	141	55	34	4.4	619	10.1	1428	15.2	2141	2.9	2950	27	3807	
P066	32	16	102	122	63	39	5	615	11.6	1418	17.4	2127	24	2931	31	3782	
P067	32	16	115	107	71	44	5.7	609	13.1	1404	19.7	2107	27.1	2902	35	3745	
P068	32	16	127	93	79	48	6.2	574	14.3	1325	21.4	1988	29.5	2739	38	3534	
P069	32	16	139	86	86	53	6.8	587	15.8	1355	23.6	2032	32.6	2799	42	3612	
P070	32	16	152	78	94	58	7.5	583	17.3	1346	25.9	2018	35.7	2781	46	3588	
P071	32	16	178	67.2	112	66	8.6	579	19.9	1336	29.8	2003	41.1	2760	53	3562	
P072	32	16	203	59.1	127	76	9.9	586	22.9	1352	34.3	2028	47.3	2794	61	3605	
P073	32	16	254	46.4	159	95	12.4	573	28.5	1322	42.8	1984	58.9	2733	76	3526	
P074	32	16	305	38	191	114	14.8	562	34.1	1297	51.2	1945	70.5	2680	91	3458	
P075	40	20	51	350	32	119	2.4	853	5.6	1969	8.4	2953	11.6	4069	15	5250	
P076	40	20	64	269	40	24	3.1	831	7.1	1917	10.7	2875	14.7	3961	19	5111	
P077	40	20	76	219	47	29	3.7	819	8.6	1889	12.9	2833	17.8	3904	23	5037	
P078	40	20	89	190	55	34	4.4	834	10.1	1924	15.2	2886	20.9	3976	27	5130	
P079	40	20	102	163	63	39	5	821	11.6	1895	17.4	2842	24	3916	31	5053	
P080	40	20	115	142	71	44	5.7	808	13.1	1864	19.7	2796	27.1	3852	35	4970	
P081	40	20	127	128	79	48	6.2	790	14.3	1824	21.4	2736	29.5	3770	38	4864	
P082	40	20	139	115	86	53	6.8	785	15.8	1811	23.6	2717	32.6	3743	42	4830	
P083	40	20	152	105	94	58	7.5	785	17.3	1811	25.9	2717	35.7	3743	46	4830	
P084	40	20	178	89	112	66	8.6	767	19.9	1769	29.8	2653	41.1	3656	53	4717	
P085	40	20	203	77	127	76	9.9	763	22.9	1761	34.3	2642	47.3	3640	61	4697	
P086	40	20	254	61	159	95	12.4	753	28.5	1739	42.8	2608	58.9	3593	76	4636	
P087	40	20	305	51	191	114	14.8	754	34.1	1740	51.2	2611	70.5	3597	91	4641	
P088	50	25	64	413	40	24	3.1	1275	7.1	2943	10.7	4414	14.7	6081	19	7847	
P089	50	25	76	339	47	29	3.7	1267	8.6	2924	12.9	4386	17.8	6043	23	7797	
P090	50	25	89	288	55	34	4.4	1264	10.1	2916	15.2	4374	20.9	6026	27	7776	
P091	50	25	102	245	63	39	5	1234	11.6	2848	17.4	4272	24	5886	31	7595	
P092	50	25	115	215	71	44	5.7	1223	13.1	2822	19.7	4233	27.1	5832	35	7525	
P093	50	25	127	192	79	48	6.2	1186	14.3	2736	21.4	4104	29.5	5654	38	7296	
P094	50	25	139	168	86	53	6.8	1147	15.8	2646	23.6	3969	32.6	5468	42	7056	
P095	50	25	152	154	94	58	7.5	1151	17.3	2657	25.9	3985	35.7	5490	46	7084	
P096	50	25	178	134	112	66	8.6	1154	19.9	2663	29.8	3995	41.1	5504	53	7102	

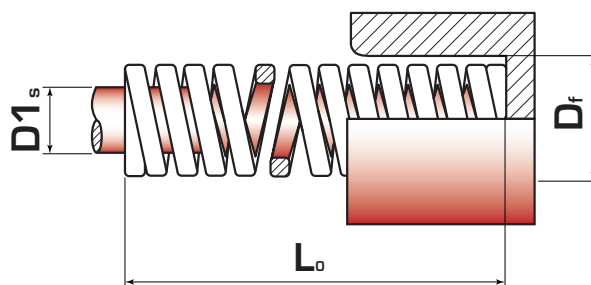
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Popis

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P097	50	25	203	117	127	76	9.9	1160	22.9	2676	34.3	4015	47.3	5531	61	7137
P098	50	25	254	89	159	95	12.4	1099	28.5	2537	42.8	3805	58.9	5242	76	6764
P099	50	25	305	73	191	114	14.8	1079	34.1	2491	51.2	3737	70.5	5148	91	6643
P100	63	38	76	618	47	29	3.7	2310	8.6	5330	12.9	7995	17.8	11016	23	14214
P101	63	38	89	515	55	34	4.4	2260	10.1	5214	15.5	7822	20.9	10776	27	13905
P102	63	38	102	438	63	39	5	2206	11.6	5092	17.4	7638	24	10523	31	13578
P103	63	38	115	370	71	44	5.7	2104	13.1	4856	19.7	7284	27.1	10036	35	12950
P104	63	38	127	333	79	48	6.2	2056	14.3	4745	21.4	7118	29.5	9807	38	12645
P105	63	38	152	269	94	58	7.5	2011	17.3	4640	25.9	6960	35.7	9590	46	12374
P106	63	38	178	226	112	66	8.6	1946	19.9	4492	29.8	6738	41.1	9283	53	11978
P107	63	38	203	198	127	76	9.9	1963	22.9	4529	34.3	6794	47.3	9360	61	12078
P108	63	38	254	155	159	95	12.4	1914	28.5	4418	42.8	6626	58.9	9130	76	11780
P109	63	38	305	128	191	114	14.8	1893	34.1	4368	51.2	6552	70.5	9027	91	11648