

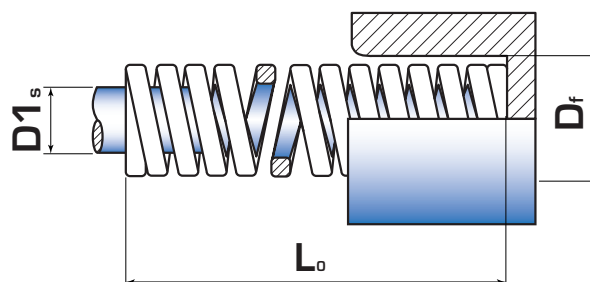
Pružina-ISO 10243

Spring-ISO 10243

P002

Střední zatížení - Modrá - CM

Medium duty - Blue - CM



Popis

Materiál: chrom-vanadiová ocel dle ISO 10243

Teplotní odolnost: 230 °C

Příklad objednávkového čísla: P002-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: P002-P009

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		(L) (mm)	(f) (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)“
P001	10	5	25	16	13	12	1.5	25	3.6	57	5.3	86	7.4	118	9.5	152	
P002	10	5	32	13	17	15	2	26	4.6	59	6.9	89	9.5	123	12.2	159	
P003	10	5	38	11.9	20	18	2.3	28	5.4	64	8.1	96	11.2	133	14.4	171	
P004	10	5	44	10.3	23	21	2.7	28	6.3	65	9.4	97	12.9	133	16.7	172	
P005	10	5	51	8.9	27	24	3.2	28	7.3	65	10.9	97	15.0	134	19.4	173	
P006	10	5	64	7.5	34	30	3.9	30	9.1	68	13.7	103	18.8	141	24.3	182	
P007	10	5	76	5.3	40	36	4.7	25	10.8	57	16.3	86	22.4	119	28.9	153	
P008	10	5	305	1.6	160	145	18.9	30	43.5	70	65.3	104	89.9	144	116	186	
P009	12.5	6.3	25	30	13	12	1.5	46	3.6	107	5.3	160	7.4	221	9.5	285	
P010	12.5	6.3	32	24.8	17	15	2	49	4.6	113	6.9	170	9.5	234	12.2	303	
P011	12.5	6.3	38	21.4	20	18	2.3	50	5.4	116	8.1	173	11.2	239	14.4	308	
P012	12.5	6.3	44	18.5	23	21	2.7	50	6.3	116	9.4	174	12.9	239	16.7	309	
P013	12.5	6.3	51	15.5	27	24	3.2	49	7.3	113	10.9	169	15	223	19.4	301	
P014	12.5	6.3	64	12.1	34	30	3.9	48	9.1	110	13.7	165	18.8	228	24.3	294	
P015	12.5	6.3	76	10.2	40	36	4.7	48	10.8	111	16.3	166	22.4	228	28.9	295	
P016	12.5	6.3	89	8.4	47	42	5.5	46	12.7	106	19	160	26.2	220	33.8	284	
P017	12.5	6.3	105	6.5	47	55	6	40	14	92	21	137	29	189	38	244	
P018	12.5	6.3	305	2.1	160	145	18.9	40	43.5	91	65.3	137	89.9	189	116	244	
P019	16	8	25	49.4	13	12	1.5	76	3.6	176	5.3	264	7.4	364	9.5	469	
P020	16	8	32	37.1	17	15	2	74	4.6	170	6.9	255	9.5	351	12.2	453	
P021	16	8	38	33.9	20	18	2.3	79	5.4	183	8.1	275	11.2	378	14.4	488	
P022	16	8	44	30	23	21	2.7	81	6.3	188	9.4	282	12.9	388	16.7	501	
P023	16	8	51	26.4	27	24	3.2	83	7.3	192	10.9	288	15	397	19.4	512	
P024	16	8	64	20.5	34	30	3.9	81	9.1	187	13.7	280	18.8	386	24.3	498	
P025	16	8	76	17.8	40	36	4.7	84	10.8	193	16.3	289	22.4	399	28.9	514	
P026	16	8	89	15.2	47	42	5.5	83	12.7	193	19	289	26.2	398	33.8	514	
P027	16	8	102	13.5	53	49	6.3	85	14.6	196	21.8	295	30.1	406	38.8	524	
P028	16	8	115	11.9	53	62	7	82	16	189	24	284	33	391	42	505	
P029	16	8	305	4.8	160	145	18.9	90	43.5	209	65.3	313	89.9	432	116	557	
P030	20	10	25	98	13	12	1.5	150	3.5	345	5.3	518	7.3	714	9.5	921	
P031	20	10	32	72.6	17	15	2	142	4.5	327	6.8	490	9.3	675	12	871	
P032	20	10	38	56	20	18	2.3	127	5.3	294	7.9	441	10.9	608	14	784	

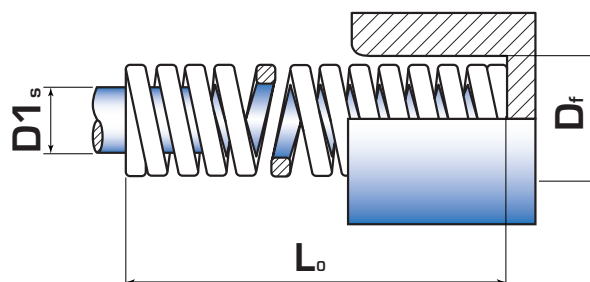
Pružina-ISO 10243

Spring-ISO 10243

P002

Střední zatížení - Modrá - CM

Medium duty - Blue - CM



Popis

Materiál: chrom-vanadiová ocel dle ISO 10243

Teplotní odolnost: 230 °C

Příklad objednávkového čísla: P002-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: P002-P009

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	„Deflec. and Load
				N/mm	(Lbl 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	47.5	23	21	2.7	127	6.2	294	9.3	441	12.8	607	16.5	784
P034	20	10	51	41.7	27	24	3.1	129	7.1	297	10.7	446	14.7	614	19	792
P035	20	10	64	32.3	34	30	3.9	126	9	291	13.5	436	18.6	601	24	775
P036	20	10	76	25.1	41	35	4.6	114	10.5	264	15.8	395	21.7	545	28	703
P037	20	10	89	22	48	41	5.4	118	12.4	272	18.6	408	25.6	563	33	726
P038	20	10	102	19.8	54	48	6.2	122	14.3	282	21.4	423	29.5	583	38	752
P039	20	10	115	18.1	61	54	7	126	16.1	292	24.2	438	33.3	603	43	778
P040	20	10	127	16.6	67	60	7.8	129	18	299	27	448	37.2	618	48	797
P041	20	10	139	15.1	74	65	8.5	128	19.5	294	29.3	442	40.3	609	52	785
P042	20	10	152	13.2	81	71	9.3	122	21.4	282	32.1	423	44.2	583	57	752
P043	20	10	305	6.1	165	143	18.5	113	42.8	261	64.1	391	88.4	539	114	695
P044	25	12.5	25	147	13	12	1.5	225	3.5	518	5.3	777	7.3	1071	9.4	1382
P045	25	12.5	32	118	17	15	2	230	4.5	531	6.8	797	9.3	1097	12	1416
P046	25	12.5	38	93	20	18	2.3	212	5.3	488	7.9	732	10.9	1009	14	1302
P047	25	12.5	44	80.8	23	21	2.7	217	6.2	500	9.3	750	12.8	1033	16.5	1333
P048	25	12.5	51	68.6	27	24	3.1	212	7.1	489	10.7	733	14.7	1010	19	1303
P049	25	12.5	64	53	34	30	3.9	207	9	477	13.5	716	18.6	986	24	1272
P050	25	12.5	76	43.2	41	35	4.6	197	10.5	454	15.8	680	21.7	937	28	1210
P051	25	12.5	89	38.2	48	41	5.4	205	12.4	473	18.6	709	25.6	977	33	1261
P052	25	12.5	102	33	54	48	6.2	204	14.3	470	21.4	705	29.5	972	38	1254
P053	25	12.5	115	28.8	61	54	7	196	16.1	452	24.2	677	33.3	933	43	1204
P054	25	12.5	127	25.9	67	60	7.8	202	18	466	27	699	37.2	963	48	1243
P055	25	12.5	139	23.2	74	65	8.5	196	19.5	452	29.3	679	40.3	935	52	1206
P056	25	12.5	152	20.8	81	71	9.3	193	21.4	445	32.1	667	44.2	919	57	1186
P057	25	12.5	178	17.8	94	84	10.9	194	25.1	447	37.7	671	51.9	924	67	1193
P058	25	12.5	203	15.8	108	95	12.4	195	28.5	450	42.8	675	58.9	931	76	1201
P059	25	12.5	305	10.2	162	143	18.5	189	42.8	436	64.1	654	88.4	901	114	1163
P060	32	16	38	185	20	18	2.3	421	5.3	971	7.9	1457	10.9	2007	14	2590
P061	32	16	44	158	23	21	2.7	424	6.2	978	9.3	1466	12.8	2020	16.5	2607
P062	32	16	51	134	27	24	3.1	414	7.1	955	10.7	1432	14.7	1973	19	2546
P063	32	16	64	99	34	30	3.9	386	9	891	13.5	1337	18.6	1841	24	2376
P064	32	16	76	80.5	41	35	4.6	366	10.5	845	15.8	1268	21.7	1747	28	2254

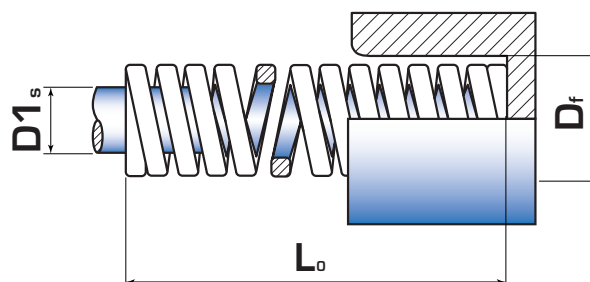
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Spring-ISO 10243

P002

Střední zatížení - Modrá - CM

Medium duty - Blue - CM



Popis

Materiál: chrom-vanadiová ocel dle ISO 10243

Teplotní odolnost: 230 °C

Příklad objednávkového čísla: P002-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: P002-P009

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	„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)“
P065	32	16	89	69.1	48	41	5.4	371	12.4	855	18.6	1283	25.6	1767	33	2280
P066	32	16	102	58.8	54	48	6.2	363	14.3	838	21.4	1257	29.5	1732	38	2234
P067	32	16	115	51.5	61	54	7	360	16.1	830	24.2	1246	33.3	1716	43	2215
P068	32	16	127	44.8	67	60	7.8	349	18	806	27	1210	37.2	1667	48	2150
P069	32	16	139	42.3	74	65	8.5	357	19.5	825	29.3	1237	40.3	1705	52	2200
P070	32	16	152	37.8	81	71	9.3	350	21.4	808	32.1	1212	44.2	1670	57	2155
P071	32	16	178	32.5	94	84	10.9	354	25.1	817	37.7	1225	51.9	1688	67	2178
P072	32	16	203	28.9	107	95	12.4	357	28.5	824	42.8	1235	58.9	1702	76	2196
P073	32	16	254	21.4	135	119	15.4	330	35.6	762	53.4	1144	73.6	1576	95	2033
P074	32	16	305	18.3	162	143	18.5	339	42.8	782	64.1	1173	88.4	1617	114	2086
P075	40	20	51	181.6	27	24	3.1	561	7.1	1294	10.7	1941	14.7	2674	19	3450
P076	40	20	64	140	34	30	3.9	546	9	1260	13.5	1890	18.6	2604	24	3360
P077	40	20	76	108	41	35	4.6	491	10.5	1134	15.8	1701	21.7	2344	28	3024
P078	40	20	89	90.7	48	41	5.4	486	12.4	1122	18.6	1684	25.6	2320	33	2993
P079	40	20	102	81	54	48	6.2	500	14.3	1154	21.4	1731	29.5	2385	38	3078
P080	40	20	115	71.8	61	54	7	502	16.1	1158	24.2	1737	33.3	2393	43	3087
P081	40	20	127	62.7	67	60	7.8	489	18	1129	27	1693	37.2	2332	48	3010
P082	40	20	139	57.5	74	65	8.5	486	19.5	1121	29.3	1682	40.3	2317	52	2990
P083	40	20	152	51.6	81	71	9.3	478	21.4	1103	32.1	1654	44.2	2279	57	2941
P084	40	20	178	44.1	94	84	10.9	480	25.1	1108	37.7	1662	51.9	2290	67	2955
P085	40	20	203	36.7	10	95	12.4	453	28.5	1046	42.8	1569	58.9	2162	76	2789
P086	40	20	254	30.1	135	119	15.4	465	35.6	1072	53.4	1608	73.6	2216	95	2860
P087	40	20	305	24.6	162	143	18.5	456	42.8	1052	64.1	1577	88.4	2173	114	2804
P088	50	25	64	209	34	30	3.9	815	9	1881	13.5	2822	18.6	3887	24	5016
P089	50	25	76	168	41	35	4.6	764	10.5	1764	15.8	2646	21.7	3646	28	4704
P090	50	25	89	140	48	41	5.4	751	12.4	1733	18.6	2599	25.6	3581	33	4620
P091	50	25	102	119	54	48	6.2	735	14.3	1696	21.4	2544	29.5	3505	38	4522
P092	50	25	115	106	61	54	7	741	16.1	1709	24.2	2564	33.3	3532	43	4558
P093	50	25	127	97	67	60	7.8	757	18	1746	27	2619	37.2	3608	48	4656
P094	50	25	139	87	74	65	8.5	735	19.5	1697	29.3	2545	40.3	3506	52	4524
P095	50	25	152	80	81	71	9.3	741	21.4	1710	32.1	2565	44.2	3534	57	4560
P096	50	25	178	69.5	94	84	10.9	757	25.1	1746	37.7	2619	51.9	3609	67	4657

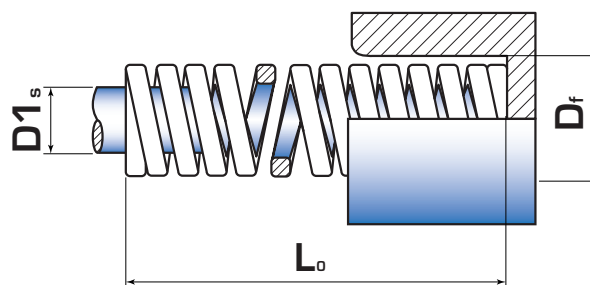
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Střední zatížení - Modrá - CM

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Popis

Materiál: chrom-vanadiová ocel dle ISO 10243

Teplotní odolnost: 230 °C

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Description

Material: chromium-vanadium steel according to ISO 10243

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Example of purchasing order: P002-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 (L) (mm)	Solid spring (f) (mm)	„Deflec. and Load 13% f1b (b) (mm)“	„Deflec. and Load 13% f1b (b) (N)“	„Deflec. and Load 30% f1b (b) (mm)“	„Deflec. and Load 30% f1b (b) (N)“	„Deflec. and Load 45% f1b (b) (mm)“	„Deflec. and Load 45% f1b (b) (N)“	„Deflec. and Load 62% f1b (b) (mm)“	„Deflec. and Load 62% f1b (b) (N)“	„Deflec. and Load 80% f1b (b) (mm)“	„Deflec. and Load 80% f1b (b) (N)“
P097	50	25	203	59.8	108	95	12.4	739	28.5	1704	42.8	2556	58.9	3522	76	4545
P098	50	25	229	50.9	121	108	14	711	32.3	1642	48.4	2462	66.7	3392	86	4377
P099	50	25	254	43.9	135	119	15.4	678	35.6	1564	53.4	2346	73.6	3232	95	4171
P100	50	25	305	38.6	162	143	18.5	715	42.8	1650	64.1	2475	88.4	3410	114	4400
P101	63	38	76	312	41	35	4.6	1420	10.5	3276	15.8	4914	21.7	6770	28	8736
P102	63	38	89	260	48	41	5.4	1394	12.4	3218	18.6	4826	25.6	6650	33	8580
P103	63	38	102	221	54	48	6.2	1365	14.3	3149	21.4	4724	29.5	6508	38	8398
P104	63	38	115	187	61	54	7	1307	16.1	3015	24.2	4523	33.3	6232	43	8041
P105	63	38	127	168	67	60	7.8	1310	18	3024	27	4536	37.2	6250	48	8064
P106	63	38	152	136	81	71	9.3	1260	21.4	2907	32.1	4361	44.2	6008	57	7752
P107	63	38	178	114	94	84	10.9	1241	25.1	2864	37.7	4296	51.9	5919	67	7638
P108	63	38	203	100	108	95	12.4	1235	28.5	2850	42.8	4275	58.9	5890	76	7600
P109	63	38	226	89.2	121	108	14	1247	32.3	2877	48.4	4315	66.7	5945	86	671
P110	63	38	254	78.4	135	119	15.4	1210	35.6	2793	53.4	4190	73.6	5772	95	7448
P111	63	38	305	64.7	162	143	18.5	1199	42.8	2766	64.1	4149	88.4	5716	114	7376