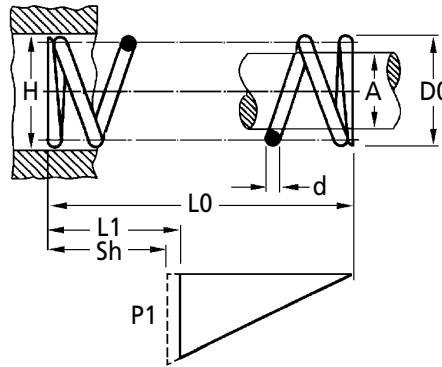
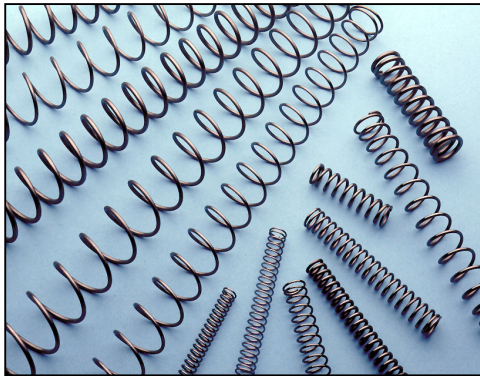


CD

ANTI-VIBRATION & SPRINGS

Compression Springs

Stainless Steel : 0.2 - 0.25mm Wire, 1.2 - 2.7mm Outside Dia.



Discounts: 6+ -5% | 11+ -10% | 26+ -20% | 51+ -25% | 100+ -30% | 200+ -50%

Part Number	Outside Ø D0	Ø Wire d	Free Length L0	Loaded Length L1	Axle Ø Size A	Bore Ø Size H	Load at L1 N P1	Rate N/mm P/f	Solid Height Sh	Price Each 1 - 5
CD2010	1.20	0.20	2.00	1.40	0.60	1.40	2.14	4.09	1.30	£2.92
CD2011	1.20	0.20	2.70	1.90	0.60	1.40	2.14	2.60	1.70	£2.92
CD2012	1.20	0.20	3.90	2.60	0.60	1.40	2.14	1.69	2.30	£2.92
CD2013	1.20	0.20	5.50	3.60	0.60	1.40	2.14	1.15	3.10	£2.92
CD2014	1.20	0.20	7.80	5.00	0.60	1.40	2.14	0.77	4.30	£2.92
CD2015	1.40	0.20	2.30	1.50	0.80	1.70	1.89	2.36	1.30	£2.92
CD2016	1.40	0.20	3.20	1.90	0.80	1.70	1.89	1.51	1.70	£2.92
CD2017	1.40	0.20	4.60	2.70	0.80	1.70	1.89	0.97	2.30	£2.92
CD2018	1.40	0.20	6.50	3.70	0.80	1.70	1.89	0.67	3.10	£2.92
CD2019	1.40	0.20	9.30	5.10	0.80	1.70	1.89	0.45	4.30	£2.92
CD2020	1.80	0.20	3.00	1.50	1.10	2.10	1.50	1.00	1.30	£2.92
CD2021	1.80	0.20	4.40	2.00	1.10	2.10	1.50	0.64	1.70	£2.92
CD2022	1.80	0.20	6.40	2.80	1.10	2.10	1.50	0.41	2.30	£2.92
CD2023	1.80	0.20	9.20	3.80	1.10	2.10	1.50	0.28	3.10	£2.92
CD2024	1.80	0.20	13.30	5.30	1.10	2.10	1.50	0.19	4.30	£2.92
CD2025	2.20	0.20	4.00	1.50	1.50	2.60	1.24	0.51	1.30	£2.92
CD2026	2.20	0.20	5.90	2.10	1.50	2.60	1.24	0.32	1.70	£2.92
CD2027	2.20	0.20	8.70	2.90	1.50	2.60	1.24	0.21	2.30	£2.92
CD2028	2.20	0.20	12.60	4.00	1.50	2.60	1.24	0.15	3.10	£2.92
CD2029	2.20	0.20	18.30	5.60	1.50	2.60	1.24	0.10	4.30	£2.92
CD2030	2.70	0.20	5.40	1.60	2.00	3.10	1.00	0.26	1.30	£2.92
CD2031	2.70	0.20	8.20	2.20	2.00	3.10	1.00	0.17	1.70	£2.92
CD2032	2.70	0.20	12.40	3.10	2.00	3.10	1.00	0.11	2.30	£2.92
CD2033	2.70	0.20	17.90	4.20	2.00	3.10	1.00	0.07	3.10	£2.92
CD2034	2.70	0.20	26.20	5.90	2.00	3.10	1.00	0.05	4.30	£2.92
CD2035	1.45	0.25	2.40	1.80	0.70	1.70	3.42	5.79	1.60	£2.92
CD2036	1.45	0.25	3.30	2.40	0.70	1.70	3.42	3.68	2.10	£2.92
CD2037	1.45	0.25	4.70	3.30	0.70	1.70	3.42	2.38	2.90	£2.92
CD2038	1.45	0.25	6.60	4.50	0.70	1.70	3.42	1.62	3.90	£2.92
CD2039	1.45	0.25	9.40	6.30	0.70	1.70	3.42	1.10	5.40	£2.92
CD2040	1.85	0.25	3.00	1.80	1.10	2.10	2.81	2.44	1.60	£2.92
CD2041	1.85	0.25	4.30	2.40	1.10	2.10	2.81	1.55	2.10	£2.92
CD2042	1.85	0.25	6.20	3.40	1.10	2.10	2.81	1.00	2.90	£2.92
CD2043	1.85	0.25	8.70	4.60	1.10	2.10	2.81	0.69	3.90	£2.92
CD2044	1.85	0.25	12.50	6.50	1.10	2.10	2.81	0.46	5.40	£2.92
CD2045	2.25	0.25	3.70	1.90	1.50	2.60	2.34	1.25	1.60	£2.92

Material

Stainless Steel wire to DIN 17224. No. 1,4310. BS2056 EN58A. Commercial 302 AMS 5688 spring temper.

Other Info.

Coiled: Right hand. **Ends:** Wire up to 0.8mm squared and unground. Wire over 1.0mm squared and ground.

Loads: Load values shown are based on a service life of 50,000 cycles at 0.50 stress range.

For normal service, springs should not be compressed below L1.

Tolerances: All dimensions and forces to DIN2095 (Grade 2).

To determine the load at any working length use:-

Rate x proposed deflection.

1lb=4.448 Newtons. 1 Newton = 0.225lb.

D0 = Outside diameter mm.

d = Wire diameter mm.

L0 = Free length (ref. use only) mm.

L1 = Loaded length (min. working length) mm.

A = To work over axle size mm.

H = To work in hole size mm.

P1 = Load at L1 Newtons.

P/f = Rate N/mm.

Sh = Approx solid height mm.

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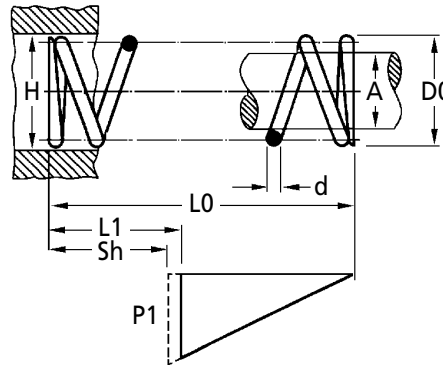
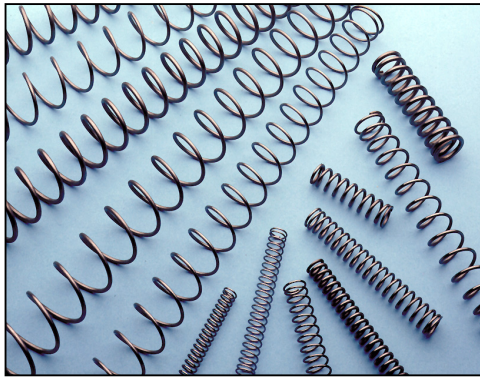
Product information updated 1st April 2010 and subject to change. Please contact Sales for the latest prices and availability.

ANTI-VIBRATION & SPRINGS

CD

Compression Springs

Stainless Steel : 0.25 - 0.32mm Wire, 1.92 - 4.32mm Outside Dia.



Discounts: 6+ -5% | 11+ -10% | 26+ -20% | 51+ -25% | 100+ -30% | 200+ -50%

Part Number	Outside Ø D0	Ø Wire d	Free Length L0	Loaded Length L1	Axle Ø Size A	Bore Ø Size H	Load at L1 N P1	Rate N/mm P/f	Solid Height Sh	Price Each 1 - 5
CD2046	2.25	0.25	5.50	2.50	1.50	2.60	2.34	0.79	2.10	£2.92
CD2047	2.25	0.25	8.00	3.50	1.50	2.60	2.34	0.51	2.90	£2.92
CD2048	2.25	0.25	11.40	4.70	1.50	2.60	2.34	0.35	3.90	£2.92
CD2049	2.25	0.25	16.60	6.70	1.50	2.60	2.34	0.24	5.40	£2.92
CD2050	2.75	0.25	4.90	1.90	1.90	3.10	1.92	0.64	1.60	£2.92
CD2051	2.75	0.25	7.30	2.60	1.90	3.10	1.92	0.41	2.10	£2.92
CD2052	2.75	0.25	10.90	3.60	1.90	3.10	1.92	0.26	2.90	£2.92
CD2053	2.75	0.25	15.70	5.00	1.90	3.10	1.92	0.18	3.90	£2.92
CD2054	2.75	0.25	22.90	7.00	1.90	3.10	1.92	0.12	5.40	£2.92
CD2055	3.45	0.25	7.10	2.00	2.50	4.00	1.53	0.30	1.60	£2.92
CD2056	3.45	0.25	10.70	2.80	2.50	4.00	1.53	0.20	2.10	£2.92
CD2057	3.45	0.25	16.10	3.80	2.50	4.00	1.53	0.13	2.90	£2.92
CD2058	3.45	0.25	23.30	5.30	2.50	4.00	1.53	0.09	3.90	£2.92
CD2059	3.45	0.25	34.10	7.50	2.50	4.00	1.53	0.06	5.40	£2.92
CD2060	1.92	0.32	3.10	2.30	1.00	2.20	5.47	6.55	2.10	£2.92
CD2061	1.92	0.32	4.40	3.10	1.00	2.20	5.47	4.17	2.70	£2.92
CD2062	1.92	0.32	6.30	4.20	1.00	2.20	5.47	2.70	3.70	£2.92
CD2063	1.92	0.32	8.70	5.80	1.00	2.20	5.47	1.83	5.00	£2.92
CD2064	1.92	0.32	12.50	8.10	1.00	2.20	5.47	1.24	6.90	£2.92
CD2065	2.32	0.32	3.70	2.30	1.40	2.60	4.69	3.35	2.10	£2.92
CD2066	2.32	0.32	5.30	3.10	1.40	2.60	4.69	2.14	2.70	£2.92
CD2067	2.32	0.32	7.70	4.30	1.40	2.60	4.69	1.38	3.70	£2.92
CD2068	2.32	0.32	10.90	5.90	1.40	2.60	4.69	0.94	5.00	£2.92
CD2069	2.32	0.32	15.60	8.20	1.40	2.60	4.69	0.64	6.90	£2.92
CD2070	2.82	0.32	4.70	2.40	1.90	3.10	3.91	1.72	2.10	£2.92
CD2071	2.82	0.32	6.80	3.20	1.90	3.10	3.91	1.09	2.70	£2.92
CD2072	2.82	0.32	10.00	4.40	1.90	3.10	3.91	0.71	3.70	£2.92
CD2073	2.82	0.32	14.20	6.10	1.90	3.10	3.91	0.48	5.00	£2.92
CD2074	2.82	0.32	20.60	8.50	1.90	3.10	3.91	0.32	6.90	£2.92
CD2075	3.52	0.32	6.30	2.50	2.40	4.00	3.16	0.81	2.10	£2.92
CD2076	3.52	0.32	9.40	3.30	2.40	4.00	3.16	0.52	2.70	£2.92
CD2077	3.52	0.32	14.00	4.60	2.40	4.00	3.16	0.33	3.70	£2.92
CD2078	3.52	0.32	20.10	6.30	2.40	4.00	3.16	0.23	5.00	£2.92
CD2079	3.52	0.32	29.30	8.90	2.40	4.00	3.16	0.16	6.90	£2.92
CD2080	4.32	0.32	8.70	2.60	3.20	4.80	2.57	0.42	2.10	£2.92
CD2081	4.32	0.32	13.10	3.50	3.20	4.80	2.57	0.26	2.70	£2.92

Material

Stainless Steel wire to DIN 17224. No. 1,4310. BS2056 EN58A. Commercial 302 AMS 5688 spring temper.

Other Info.

Coiled: Right hand. **Ends:** Wire up to 0.8mm squared and unground. Wire over 1.0mm squared and ground.

Loads: Load values shown are based on a service life of 50,000 cycles at 0.50 stress range.

For normal service, springs should not be compressed below L1.

Tolerances: All dimensions and forces to DIN2095 (Grade 2).

To determine the load at any working length use:-

Rate x proposed deflection.

1lb=4.448 Newtons. 1 Newton = 0.225lb.

D0 = Outside diameter mm.

d = Wire diameter mm.

L0 = Free length (ref. use only) mm.

L1 = Loaded length (min. working length) mm.

A = To work over axle size mm.

H = To work in hole size mm.

P1 = Load at L1 Newtons.

P/f = Rate N/mm.

Sh = Approx solid height mm.

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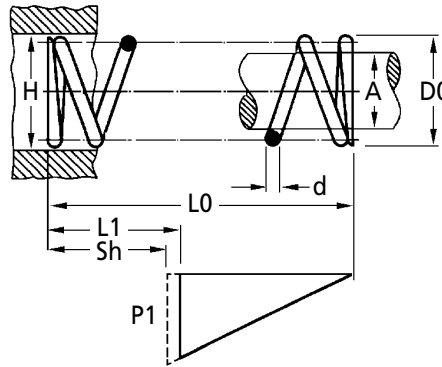
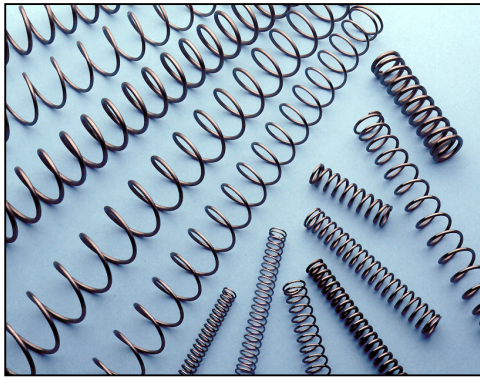
Product information updated 1st April 2010 and subject to change. Please contact Sales for the latest prices and availability.

CD

ANTI-VIBRATION & SPRINGS

Compression Springs

Stainless Steel : 0.32 - 0.5mm Wire, 2.9 - 5.4mm Outside Dia.



Discounts: 6+ -5% | 11+ -10% | 26+ -20% | 51+ -25% | 100+ -30% | 200+ -50%

Part Number	Outside Ø D0	Ø Wire d	Free Length L0	Loaded Length L1	Axle Ø Size A	Bore Ø Size H	Load at L1 N P1	Rate N/mm P/f	Solid Height Sh	Price Each 1 - 5
CD2082	4.32	0.32	19.80	4.90	3.20	4.80	2.57	0.18	3.70	£2.92
CD2083	4.32	0.32	28.60	6.70	3.20	4.80	2.57	0.12	5.00	£2.92
CD2084	4.32	0.32	41.90	9.50	3.20	4.80	2.57	0.08	6.90	£2.92
CD2085	2.40	0.40	3.50	2.70	1.30	2.80	6.21	7.76	2.60	£2.92
CD2086	2.40	0.40	5.00	3.70	1.30	2.80	6.21	4.90	3.40	£2.92
CD2087	2.40	0.40	7.00	5.10	1.30	2.80	6.21	3.19	4.60	£2.92
CD2088	2.40	0.40	10.00	7.00	1.30	2.80	6.21	2.17	6.20	£2.92
CD2089	2.40	0.40	14.00	9.90	1.30	2.80	6.21	1.47	8.60	£2.92
CD2090	2.90	0.40	4.30	2.80	1.80	3.30	5.96	3.97	2.60	£2.92
CD2091	2.90	0.40	6.30	3.90	1.80	3.30	5.96	2.53	3.40	£2.92
CD2092	2.90	0.40	9.10	5.40	1.80	3.30	5.96	1.63	4.60	£2.92
CD2093	2.90	0.40	13.00	7.50	1.80	3.30	5.96	1.11	6.20	£2.92
CD2094	2.90	0.40	18.50	10.60	1.80	3.30	5.96	0.75	8.60	£2.92
CD2095	3.60	0.40	5.60	2.80	2.50	4.00	5.31	1.90	2.60	£2.92
CD2096	3.60	0.40	8.30	3.90	2.50	4.00	5.31	1.21	3.40	£2.92
CD2097	3.60	0.40	12.00	5.40	2.50	4.00	5.31	0.78	4.60	£2.92
CD2098	3.60	0.40	17.50	7.50	2.50	4.00	5.31	0.53	6.20	£2.92
CD2099	3.60	0.40	25.50	10.60	2.50	4.00	5.31	0.36	8.60	£2.92
CD2100	4.40	0.40	7.50	3.00	3.20	5.00	4.37	0.97	2.60	£2.92
CD2101	4.40	0.40	11.00	4.10	3.20	5.00	4.37	0.62	3.40	£2.92
CD2102	4.40	0.40	16.50	5.80	3.20	5.00	4.37	0.40	4.60	£2.92
CD2103	4.40	0.40	24.00	8.00	3.20	5.00	4.37	0.27	6.20	£2.92
CD2104	4.40	0.40	35.50	11.40	3.20	5.00	4.37	0.18	8.60	£2.92
CD2105	5.40	0.40	10.50	3.20	4.10	6.00	3.63	0.50	2.60	£2.92
CD2106	5.40	0.40	16.00	4.50	4.10	6.00	3.63	0.32	3.40	£2.92
CD2107	5.40	0.40	24.00	6.40	4.10	6.00	3.63	0.21	4.60	£2.92
CD2108	5.40	0.40	35.00	9.00	4.10	6.00	3.63	0.14	6.20	£2.92
CD2109	5.40	0.40	53.00	12.80	4.10	6.00	3.63	0.09	8.60	£2.92
CD2110	3.00	0.50	4.40	3.50	1.70	3.40	8.66	9.65	3.30	£2.92
CD2111	3.00	0.50	6.10	4.70	1.70	3.40	8.66	6.18	4.30	£2.92
CD2112	3.00	0.50	8.70	6.50	1.70	3.40	8.66	4.00	5.80	£2.92
CD2113	3.00	0.50	12.00	9.00	1.70	3.40	8.66	2.72	7.80	£2.92
CD2114	3.00	0.50	17.50	12.80	1.70	3.40	8.66	1.84	10.80	£2.92
CD2115	3.70	0.50	5.50	3.70	2.40	4.10	8.33	4.64	3.30	£2.92
CD2116	3.70	0.50	7.90	5.10	2.40	4.10	8.33	2.94	4.30	£2.92
CD2117	3.70	0.50	11.50	7.10	2.40	4.10	8.33	1.90	5.80	£2.92

Material

Stainless Steel wire to DIN 17224. No. 1,4310. BS2056 EN58A. Commercial 302 AMS 5688 spring temper.

Other Info.

Coiled: Right hand. **Ends:** Wire up to 0.8mm squared and unground. Wire over 1.0mm squared and ground.

Loads: Load values shown are based on a service life of 50,000 cycles at 0.50 stress range.

For normal service, springs should not be compressed below L1.

Tolerances: All dimensions and forces to DIN2095 (Grade 2).

To determine the load at any working length use:-

Rate x proposed deflection.

1lb=4.448 Newtons. 1 Newton = 0.225lb.

D0 = Outside diameter mm.

d = Wire diameter mm.

L0 = Free length (ref. use only) mm.

L1 = Loaded length (min. working length) mm.

A = To work over axle size mm.

H = To work in hole size mm.

P1 = Load at L1 Newtons.

P/f = Rate N/mm.

Sh = Approx solid height mm.

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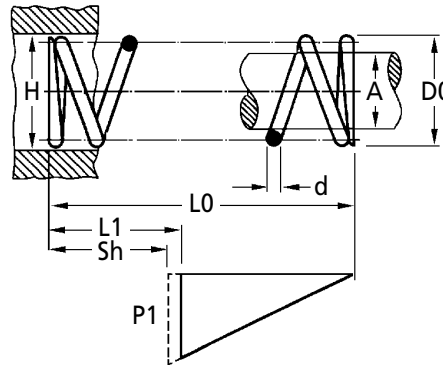
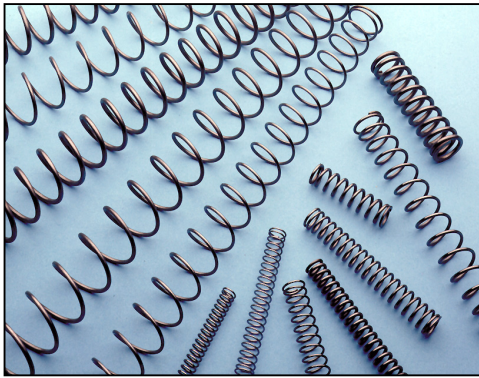
Product information updated 1st April 2010 and subject to change. Please contact Sales for the latest prices and availability.

ANTI-VIBRATION & SPRINGS

CD

Compression Springs

Stainless Steel : 0.5 - 0.63mm Wire, 3.7 - 6.93mm Outside Dia.



Discounts: 6+ -5% | 11+ -10% | 26+ -20% | 51+ -25% | 100+ -30% | 200+ -50%

Part Number	Outside Ø D0	Ø Wire d	Free Length L0	Loaded Length L1	Axle Ø Size A	Bore Ø Size H	Load at L1 N P1	Rate N/mm P/f	Solid Height Sh	Price Each 1 - 5
CD2118	3.70	0.50	16.00	9.80	2.40	4.10	8.33	1.30	7.80	£2.92
CD2119	3.70	0.50	23.50	14.00	2.40	4.10	8.33	0.87	10.80	£2.92
CD2120	4.50	0.50	7.00	3.70	3.20	5.00	7.76	2.36	3.30	£2.92
CD2121	4.50	0.50	10.00	5.10	3.20	5.00	7.76	1.51	4.30	£2.92
CD2122	4.50	0.50	15.00	7.10	3.20	5.00	7.76	0.97	5.80	£2.92
CD2123	4.50	0.50	21.50	9.80	3.20	5.00	7.76	0.66	7.80	£2.92
CD2124	4.50	0.50	31.00	14.00	3.20	5.00	7.76	0.45	10.80	£2.92
CD2125	5.50	0.50	9.40	3.90	4.00	6.20	6.70	1.22	3.30	£2.92
CD2126	5.50	0.50	14.00	5.40	4.00	6.20	6.70	0.77	4.30	£2.92
CD2127	5.50	0.50	20.50	7.60	4.00	6.20	6.70	0.51	5.80	£2.92
CD2128	5.50	0.50	30.00	10.60	4.00	6.20	6.70	0.34	7.80	£2.92
CD2129	5.50	0.50	44.50	15.10	4.00	6.20	6.70	0.22	10.80	£2.92
CD2130	6.80	0.50	13.50	4.30	5.30	7.50	5.47	0.61	3.30	£2.92
CD2131	6.80	0.50	20.00	6.00	5.30	7.50	5.47	0.38	4.30	£2.92
CD2132	6.80	0.50	30.00	8.70	5.30	7.50	5.47	0.25	5.80	£2.92
CD2133	6.80	0.50	44.00	12.20	5.30	7.50	5.47	0.17	7.80	£2.92
CD2134	6.80	0.50	65.00	17.40	5.30	7.50	5.47	0.12	10.80	£2.92
CD2135	3.83	0.63	5.50	4.00	2.30	4.20	17.48	11.68	4.10	£2.92
CD2136	3.83	0.63	7.80	5.40	2.30	4.20	17.48	7.41	5.40	£2.92
CD2137	3.83	0.63	11.00	7.50	2.30	4.20	17.48	4.81	7.30	£2.92
CD2138	3.83	0.63	15.50	10.30	2.30	4.20	17.48	3.27	9.80	£2.92
CD2139	3.83	0.63	22.50	14.70	2.30	4.20	17.48	2.21	13.50	£2.92
CD2140	4.63	0.63	6.70	4.30	3.00	5.00	14.29	5.96	4.10	£2.92
CD2141	4.63	0.63	9.60	5.80	3.00	5.00	14.29	3.79	5.40	£2.92
CD2142	4.63	0.63	14.00	8.20	3.00	5.00	14.29	2.45	7.30	£2.92
CD2143	4.63	0.63	20.00	11.30	3.00	5.00	14.29	1.67	9.80	£2.92
CD2144	4.63	0.63	29.00	16.20	3.00	5.00	14.29	1.12	13.50	£2.92
CD2145	5.63	0.63	8.50	4.30	3.90	6.10	12.90	3.07	4.10	£2.92
CD2146	5.63	0.63	12.50	5.80	3.90	6.10	12.90	1.96	5.40	£2.92
CD2147	5.63	0.63	18.50	8.20	3.90	6.10	12.90	1.29	7.30	£2.92
CD2148	5.63	0.63	26.00	11.30	3.90	6.10	12.90	0.86	9.80	£2.92
CD2149	5.63	0.63	38.50	16.20	3.90	6.10	12.90	0.58	13.50	£2.92
CD2150	6.93	0.63	11.50	4.60	5.00	7.60	10.37	1.52	4.10	£2.92
CD2151	6.93	0.63	17.00	6.20	5.00	7.60	10.37	0.97	5.40	£2.92
CD2152	6.93	0.63	25.50	8.90	5.00	7.60	10.37	0.63	7.30	£2.92
CD2153	6.93	0.63	36.50	12.30	5.00	7.60	10.37	0.42	9.80	£2.92

Material

Stainless Steel wire to DIN 17724. No. 1,4310. BS2056 EN58A. Commercial 302 AMS 5688 spring temper.

Other Info.

Coiled: Right hand. **Ends:** Wire up to 0.8mm squared and unground. Wire over 1.0mm squared and ground.

Loads: Load values shown are based on a service life of 50,000 cycles at 0.50 stress range.

For normal service, springs should not be compressed below L1.

Tolerances: All dimensions and forces to DIN2095 (Grade 2).

To determine the load at any working length use:-

Rate x proposed deflection.

1lb=4.448 Newtons. 1 Newton = 0.225lb.

D0 = Outside diameter mm.

d = Wire diameter mm.

L0 = Free length (ref. use only) mm.

L1 = Loaded length (min. working length) mm.

A = To work over axle size mm.

H = To work in hole size mm.

P1 = Load at L1 Newtons.

P/f = Rate N/mm.

Sh = Approx solid height mm.

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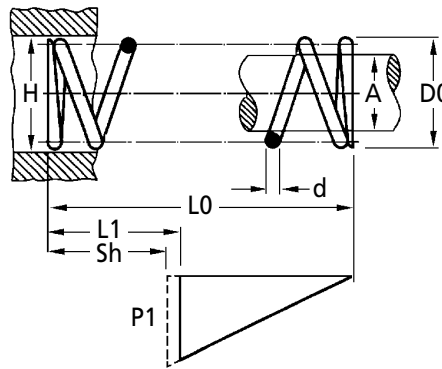
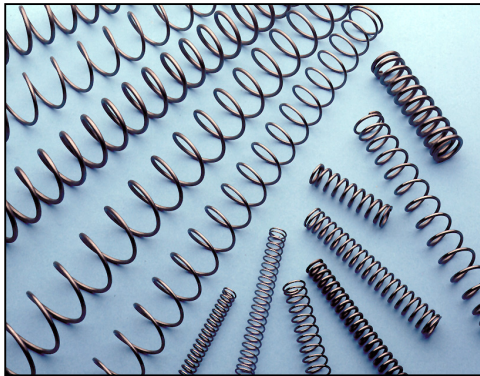
Product information updated 1st April 2010 and subject to change. Please contact Sales for the latest prices and availability.

CD

ANTI-VIBRATION & SPRINGS

Compression Springs

Stainless Steel : 0.63 - 1mm Wire, 4.8 - 10.8mm Outside Dia.



Discounts: 6+ -5% | 11+ -10% | 26+ -20% | 51+ -25% | 100+ -30% | 200+ -50%

Part Number	Outside Ø DO	Ø Wire d	Free Length L0	Loaded Length L1	Axle Ø Size A	Bore Ø Size H	Load at L1 N P1	Rate N/mm P/f	Solid Height Sh	Price Each 1 - 5
CD2154	6.93	0.63	54.00	17.70	5.00	7.60	10.37	0.28	13.50	£2.92
CD2155	8.63	0.63	16.00	5.10	6.80	9.40	8.33	0.74	4.10	£2.92
CD2156	8.63	0.63	24.50	7.10	6.80	9.40	8.33	0.47	5.40	£2.92
CD2157	8.63	0.63	37.00	10.20	6.80	9.40	8.33	0.31	7.30	£2.92
CD2158	8.63	0.63	55.00	14.30	6.80	9.40	8.33	0.21	9.80	£2.92
CD2159	8.63	0.63	80.50	20.60	6.80	9.40	8.33	0.14	13.50	£2.92
CD2160	4.80	0.80	6.90	5.20	2.80	5.30	26.55	15.44	5.20	£2.92
CD2161	4.80	0.80	9.70	7.00	2.80	5.30	26.55	9.89	6.80	£2.92
CD2162	4.80	0.80	14.00	9.80	2.80	5.30	26.55	6.39	9.20	£2.92
CD2163	4.80	0.80	19.50	13.50	2.80	5.30	26.55	4.35	12.40	£2.92
CD2164	4.80	0.80	28.00	19.10	2.80	5.30	26.55	2.93	17.20	£2.92
CD2165	5.80	0.80	8.30	5.60	3.80	6.30	21.65	7.94	5.20	£2.92
CD2166	5.80	0.80	12.00	7.70	3.80	6.30	21.65	5.06	6.80	£2.92
CD2167	5.80	0.80	17.50	10.90	3.80	6.30	21.65	3.27	9.20	£2.92
CD2168	5.80	0.80	24.50	15.10	3.80	6.30	21.65	2.22	12.40	£2.92
CD2169	5.80	0.80	36.00	21.50	3.80	6.30	21.65	1.50	17.20	£2.92
CD2170	7.10	0.80	10.50	5.60	5.00	7.70	20.02	3.97	5.20	£2.92
CD2171	7.10	0.80	15.50	7.70	5.00	7.70	20.02	2.52	6.80	£2.92
CD2172	7.10	0.80	23.00	10.90	5.00	7.70	20.02	1.63	9.20	£2.92
CD2173	7.10	0.80	33.00	15.10	5.00	7.70	20.02	1.11	12.40	£2.92
CD2174	7.10	0.80	48.00	21.50	5.00	7.70	20.02	0.75	17.20	£2.92
CD2175	8.80	0.80	14.50	6.10	6.60	9.60	16.26	1.93	5.20	£2.92
CD2176	8.80	0.80	21.50	8.40	6.60	9.60	16.26	1.23	6.80	£2.92
CD2177	8.80	0.80	32.00	12.00	6.60	9.60	16.26	0.80	9.20	£2.92
CD2178	8.80	0.80	47.00	16.70	6.60	9.60	16.26	0.54	12.40	£2.92
CD2179	8.80	0.80	68.00	23.80	6.60	9.60	16.26	0.37	17.20	£2.92
CD2180	10.80	0.80	20.00	6.90	8.60	11.60	12.83	1.00	5.20	£2.92
CD2181	10.80	0.80	30.00	9.80	8.60	11.60	12.83	0.63	6.80	£2.92
CD2182	10.80	0.80	45.50	14.30	8.60	11.60	12.83	0.41	9.20	£2.92
CD2183	10.80	0.80	66.00	19.90	8.60	11.60	12.83	0.27	12.40	£2.92
CD2184	10.80	0.80	96.50	28.50	8.60	11.60	12.83	0.19	17.20	£2.92
CD2185	6.00	1.00	8.50	6.60	3.60	6.50	36.44	19.36	5.50	£3.86
CD2186	6.00	1.00	12.00	9.00	3.60	6.50	36.44	12.34	7.50	£3.86
CD2187	6.00	1.00	17.00	12.60	3.60	6.50	36.44	7.97	10.50	£3.86
CD2188	6.00	1.00	24.00	17.40	3.60	6.50	36.44	5.42	14.50	£3.86
CD2189	6.00	1.00	34.50	24.60	3.60	6.50	36.44	3.60	20.50	£3.86

Material

Stainless Steel wire to DIN 17224. No. 1,4310. BS2056 EN58A. Commercial 302 AMS 5688 spring temper.

Other Info.

Coiled: Right hand. **Ends:** Wire up to 0.8mm squared and unground. Wire over 1.0mm squared and ground.

Loads: Load values shown are based on a service life of 50,000 cycles at 0.50 stress range.

For normal service, springs should not be compressed below L1.

Tolerances: All dimensions and forces to DIN2095 (Grade 2).

To determine the load at any working length use:-

Rate x proposed deflection.

1lb=4.448 Newtons. 1 Newton = 0.225lb.

DO = Outside diameter mm.

d = Wire diameter mm.

L0 = Free length (ref. use only) mm.

L1 = Loaded length (min. working length) mm.

A = To work over axle size mm.

H = To work in hole size mm.

P1 = Load at L1 Newtons.

P/f = Rate N/mm.

Sh = Approx solid height mm.

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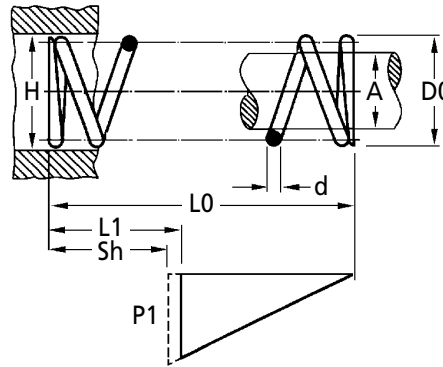
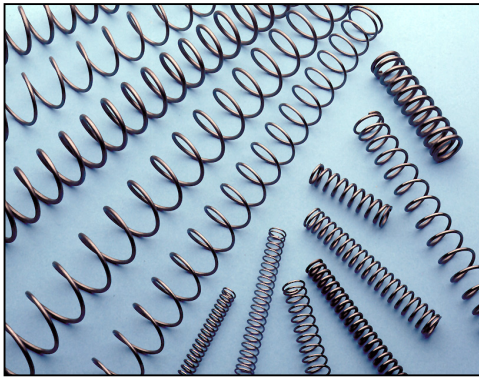
Product information updated 1st April 2010 and subject to change. Please contact Sales for the latest prices and availability.

ANTI-VIBRATION & SPRINGS

CD

Compression Springs

Stainless Steel : 1 - 1.25mm Wire, 7.3 - 13.75mm Outside Dia.



Discounts: 6+ -5% | 11+ -10% | 26+ -20% | 51+ -25% | 100+ -30% | 200+ -50%

Part Number	Outside Ø D0	Ø Wire d	Free Length L0	Loaded Length L1	Axle Ø Size A	Bore Ø Size H	Load at L1 N P1	Rate N/mm P/f	Solid Height Sh	Price Each 1 - 5
CD2190	7.30	1.00	10.00	7.30	4.90	7.80	28.43	9.64	5.50	£3.86
CD2191	7.30	1.00	14.50	10.10	4.90	7.80	28.43	6.16	7.50	£3.86
CD2192	7.30	1.00	21.50	14.30	4.90	7.80	28.43	3.99	10.50	£3.86
CD2193	7.30	1.00	30.50	19.90	4.90	7.80	28.43	2.72	14.50	£3.86
CD2194	7.30	1.00	43.50	28.30	4.90	7.80	28.43	1.83	20.50	£3.86
CD2195	9.00	1.00	13.00	7.30	6.50	9.60	27.61	4.73	5.50	£3.86
CD2196	9.00	1.00	19.00	10.10	6.50	9.60	27.61	3.01	7.50	£3.86
CD2197	9.00	1.00	28.50	14.30	6.50	9.60	27.61	1.94	10.50	£3.86
CD2198	9.00	1.00	40.50	19.90	6.50	9.60	27.61	1.32	14.50	£3.86
CD2199	9.00	1.00	59.00	28.30	6.50	9.60	27.61	0.90	20.50	£3.86
CD2200	11.00	1.00	17.50	8.00	8.40	11.80	22.79	2.42	5.50	£3.86
CD2201	11.00	1.00	26.00	11.20	8.40	11.80	22.79	1.54	7.50	£3.86
CD2202	11.00	1.00	39.00	16.00	8.40	11.80	22.79	1.00	10.50	£3.86
CD2203	11.00	1.00	56.00	22.40	8.40	11.80	22.79	0.67	14.50	£3.86
CD2204	11.00	1.00	81.50	32.00	8.40	11.80	22.79	0.46	20.50	£3.86
CD2205	13.50	1.00	24.00	9.40	10.80	14.40	18.30	1.24	5.50	£3.86
CD2206	13.50	1.00	36.50	13.40	10.80	14.40	18.30	0.79	7.50	£3.86
CD2207	13.50	1.00	55.50	19.40	10.80	14.40	18.30	0.51	10.50	£3.86
CD2208	13.50	1.00	80.50	27.40	10.80	14.40	18.30	0.34	14.50	£3.86
CD2209	13.50	1.00	115.00	39.40	10.80	14.40	18.30	0.23	20.50	£3.86
CD2210	7.55	1.25	12.00	7.20	4.70	8.10	111.10	24.18	6.90	£4.10
CD2211	7.55	1.25	17.00	9.80	4.70	8.10	111.10	15.03	9.40	£4.10
CD2212	7.55	1.25	25.00	13.80	4.70	8.10	111.10	9.80	13.10	£4.10
CD2213	7.55	1.25	35.50	19.20	4.70	8.10	111.10	6.74	18.10	£4.10
CD2214	7.55	1.25	51.50	27.10	4.70	8.10	111.10	4.49	25.60	£4.10
CD2215	9.25	1.25	15.00	7.40	6.10	9.60	87.41	11.93	6.90	£4.10
CD2216	9.25	1.25	22.00	10.50	6.10	9.60	87.41	7.43	9.40	£4.10
CD2217	9.25	1.25	33.00	14.90	6.10	9.60	87.41	4.86	13.10	£4.10
CD2218	9.25	1.25	47.50	21.00	6.10	9.60	87.41	3.30	18.10	£4.10
CD2219	9.25	1.25	69.00	30.00	6.10	9.60	87.41	2.24	25.60	£4.10
CD2220	11.25	1.25	20.00	7.70	8.20	11.90	71.15	5.91	6.90	£4.10
CD2221	11.25	1.25	29.50	10.80	8.20	11.90	71.15	3.76	9.40	£4.10
CD2222	11.25	1.25	44.50	15.20	8.20	11.90	71.15	2.43	13.10	£4.10
CD2223	11.25	1.25	64.00	21.10	8.20	11.90	71.15	1.66	18.10	£4.10
CD2224	11.25	1.25	93.50	30.00	8.20	11.90	71.15	1.12	25.60	£4.10
CD2225	13.75	1.25	27.00	8.20	10.60	14.60	57.51	3.02	6.90	£4.10

Material

Stainless Steel wire to DIN 17224. No. 1,4310. BS2056 EN58A. Commercial 302 AMS 5688 spring temper.

Other Info.

Coiled: Right hand. **Ends:** Wire up to 0.8mm squared and unground. Wire over 1.0mm squared and ground.

Loads: Load values shown are based on a service life of 50,000 cycles at 0.50 stress range.

For normal service, springs should not be compressed below L1.

Tolerances: All dimensions and forces to DIN2095 (Grade 2).

To determine the load at any working length use:-

Rate x proposed deflection.

1lb=4.448 Newtons. 1 Newton = 0.225lb.

D0 = Outside diameter mm.

d = Wire diameter mm.

L0 = Free length (ref. use only) mm.

L1 = Loaded length (min. working length) mm.

A = To work over axle size mm.

H = To work in hole size mm.

P1 = Load at L1 Newtons.

P/f = Rate N/mm.

Sh = Approx solid height mm.

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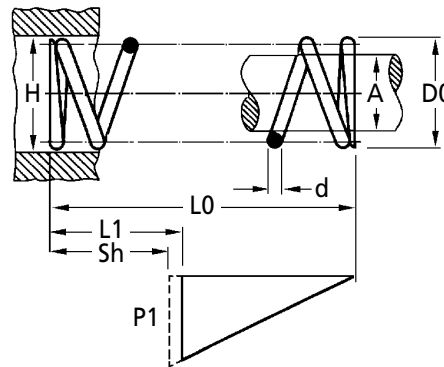
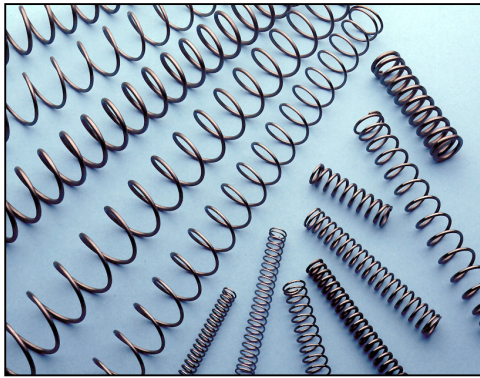
Product information updated 1st April 2010 and subject to change. Please contact Sales for the latest prices and availability.

CD

ANTI-VIBRATION & SPRINGS

Compression Springs

Stainless Steel : 1.25 - 2mm Wire, 9.6 - 21.6mm Outside Dia.



Discounts: 6+ -5% | 11+ -10% | 26+ -20% | 51+ -25% | 100+ -30% | 200+ -50%

Part Number	Outside Ø DO	Ø Wire d	Free Length L0	Loaded Length L1	Axle Ø Size A	Bore Ø Size H	Load at L1 N P1	Rate N/mm P/f	Solid Height Sh	Price Each 1 - 5
CD2226	13.75	1.25	41.50	11.60	10.60	14.60	57.51	1.92	9.40	£4.10
CD2227	13.75	1.25	62.50	16.50	10.60	14.60	57.51	1.24	13.10	£4.10
CD2228	13.75	1.25	90.50	23.10	10.60	14.60	57.51	0.85	18.10	£4.10
CD2229	13.75	1.25	130.00	32.90	10.60	14.60	57.51	0.57	25.60	£4.10
CD2230	17.25	1.25	40.50	9.10	14.10	18.20	45.17	1.44	6.90	£4.10
CD2231	17.25	1.25	62.00	12.90	14.10	18.20	45.17	0.92	9.40	£4.10
CD2232	17.25	1.25	94.00	18.50	14.10	18.20	45.17	0.60	13.10	£4.10
CD2233	17.25	1.25	140.00	26.00	14.10	18.20	45.17	0.40	18.10	£4.10
CD2234	17.25	1.25	205.00	37.30	14.10	18.20	45.17	0.27	25.60	£4.10
CD2235	9.60	1.60	14.50	9.00	5.90	10.10	176.45	31.05	8.80	£4.10
CD2236	9.60	1.60	21.50	12.60	5.90	10.10	176.45	19.77	12.00	£4.10
CD2237	9.60	1.60	31.50	17.90	5.90	10.10	176.45	12.83	16.80	£4.10
CD2238	9.60	1.60	45.00	24.80	5.90	10.10	176.45	8.66	23.20	£4.10
CD2239	9.60	1.60	65.50	35.20	5.90	10.10	176.45	5.87	32.80	£4.10
CD2240	11.60	1.60	18.50	9.40	7.90	12.10	141.33	15.93	8.80	£4.10
CD2241	11.60	1.60	27.00	13.20	7.90	12.10	141.33	10.13	12.00	£4.10
CD2242	11.60	1.60	40.50	18.90	7.90	12.10	141.33	6.56	16.80	£4.10
CD2243	11.60	1.60	58.50	26.50	7.90	12.10	141.33	4.44	23.20	£4.10
CD2244	11.60	1.60	85.00	37.90	7.90	12.10	141.33	3.01	32.80	£4.10
CD2245	14.10	1.60	24.00	10.00	10.30	14.70	112.73	8.13	8.80	£4.10
CD2246	14.10	1.60	36.00	14.10	10.30	14.70	112.73	5.19	12.00	£4.10
CD2247	14.10	1.60	53.50	20.10	10.30	14.70	112.73	3.37	16.80	£4.10
CD2248	14.10	1.60	78.00	28.00	10.30	14.70	112.73	2.27	23.20	£4.10
CD2249	14.10	1.60	115.00	39.90	10.30	14.70	112.73	1.53	32.80	£4.10
CD2250	17.60	1.60	34.00	11.00	13.70	18.30	88.22	3.87	8.80	£4.10
CD2251	17.60	1.60	51.50	15.50	13.70	18.30	88.22	2.47	12.00	£4.10
CD2252	17.60	1.60	77.50	22.20	13.70	18.30	88.22	1.60	16.80	£4.10
CD2253	17.60	1.60	110.00	31.20	13.70	18.30	88.22	1.08	23.20	£4.10
CD2254	17.60	1.60	165.00	44.60	13.70	18.30	88.22	0.73	32.80	£4.10
CD2255	21.60	1.60	48.00	12.40	17.50	22.50	70.66	1.98	8.80	£4.10
CD2256	21.60	1.60	73.50	17.60	17.50	22.50	70.66	1.27	12.00	£4.10
CD2257	21.60	1.60	110.00	25.50	17.50	22.50	70.66	0.82	16.80	£4.10
CD2258	21.60	1.60	165.00	36.00	17.50	22.50	70.66	0.56	23.20	£6.89
CD2259	21.60	1.60	240.00	51.80	17.50	22.50	70.66	0.37	32.80	£6.89
CD2260	12.00	2.00	18.00	11.20	7.50	12.50	264.68	38.80	11.00	£4.77
CD2261	12.00	2.00	26.50	15.60	7.50	12.50	264.68	24.75	15.00	£4.77

Material

Stainless Steel wire to DIN 17224. No. 1,4310. BS2056 EN58A. Commercial 302 AMS 5688 spring temper.

Other Info.

Coiled: Right hand. **Ends:** Wire up to 0.8mm squared and unground. Wire over 1.0mm squared and ground.

Loads: Load values shown are based on a service life of 50,000 cycles at 0.50 stress range.

For normal service, springs should not be compressed below L1.

Tolerances: All dimensions and forces to DIN2095 (Grade 2).

To determine the load at any working length use:-

Rate x proposed deflection.

1lb=4.448 Newtons. 1 Newton = 0.225lb.

DO = Outside diameter mm.

d = Wire diameter mm.

L0 = Free length (ref. use only) mm.

L1 = Loaded length (min. working length) mm.

A = To work over axle size mm.

H = To work in hole size mm.

P1 = Load at L1 Newtons.

P/f = Rate N/mm.

Sh = Approx solid height mm.

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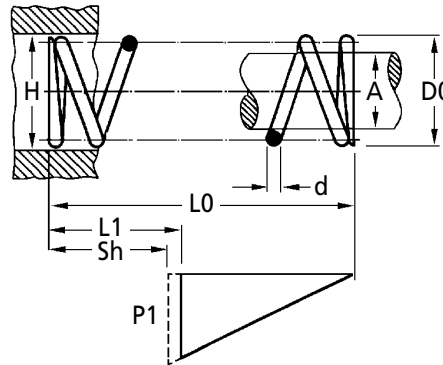
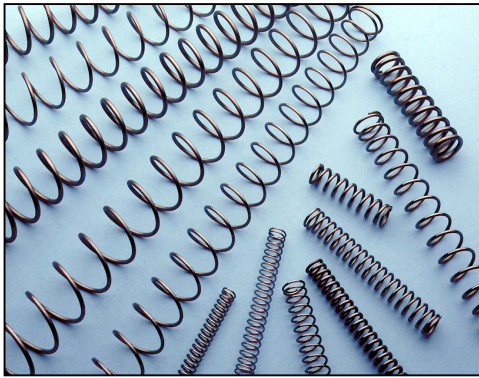
Product information updated 1st April 2010 and subject to change. Please contact Sales for the latest prices and availability.

ANTI-VIBRATION & SPRINGS

CD

Compression Springs

Stainless Steel : 2 - 2.5mm Wire, 11 - 27mm Outside Dia.



Discounts: 6+ -5% | 11+ -10% | 26+ -20% | 51+ -25% | 100+ -30% | 200+ -50%

Part Number	Outside Ø D0	Ø Wire d	Free Length L0	Loaded Length L1	Axle Ø Size A	Bore Ø Size H	Load at L1 N P1	Rate N/mm P/f	Solid Height Sh	Price Each 1 - 5
CD2262	12.00	2.00	38.50	22.00	7.50	12.50	264.68	16.01	21.00	£4.77
CD2263	12.00	2.00	55.00	30.60	7.50	12.50	264.68	10.86	29.00	£4.77
CD2264	12.00	2.00	79.50	43.40	7.50	12.50	264.68	7.34	41.00	£4.77
CD2265	14.50	2.00	22.50	11.70	9.90	15.10	211.57	19.93	11.00	£4.77
CD2266	14.50	2.00	33.00	16.40	9.90	15.10	211.57	12.66	15.00	£4.77
CD2267	14.50	2.00	49.50	23.50	9.90	15.10	211.57	8.17	21.00	£4.77
CD2268	14.50	2.00	71.00	33.00	9.90	15.10	211.57	5.57	29.00	£5.24
CD2269	14.50	2.00	105.00	47.20	9.90	15.10	211.57	3.77	41.00	£5.24
CD2270	18.00	2.00	30.00	12.50	13.40	18.60	165.01	9.48	11.00	£4.77
CD2271	18.00	2.00	45.00	17.70	13.40	18.60	165.01	6.03	15.00	£4.77
CD2272	18.00	2.00	68.00	25.50	13.40	18.60	165.01	3.91	21.00	£4.77
CD2273	18.00	2.00	98.00	35.90	13.40	18.60	165.01	2.68	29.00	£4.77
CD2274	18.00	2.00	145.00	51.40	13.40	18.60	165.01	1.80	41.00	£5.24
CD2275	22.00	2.00	41.00	13.60	17.10	22.90	132.34	4.86	11.00	£4.77
CD2276	22.00	2.00	62.00	19.20	17.10	22.90	132.34	3.09	15.00	£4.77
CD2277	22.00	2.00	94.00	27.60	17.10	22.90	132.34	1.99	21.00	£4.77
CD2278	22.00	2.00	135.00	38.80	17.10	22.90	132.34	1.36	29.00	£5.24
CD2279	22.00	2.00	200.00	55.60	17.10	22.90	132.34	0.92	41.00	£6.90
CD2280	27.00	2.00	58.00	15.00	22.00	27.90	106.20	2.48	11.00	£4.77
CD2281	27.00	2.00	88.50	21.40	22.00	27.90	106.20	1.58	15.00	£5.24
CD2282	27.00	2.00	135.00	31.00	22.00	27.90	106.20	1.02	21.00	£5.24
CD2283	27.00	2.00	195.00	43.80	22.00	27.90	106.20	0.69	29.00	£6.90
CD2284	27.00	2.00	290.00	63.00	22.00	27.90	106.20	0.47	41.00	£6.90
CD2285	11.00	2.20	16.20	12.90	6.00	11.60	281.01	83.32	12.10	£6.90
CD2286	11.00	2.20	23.00	17.70	6.00	11.60	281.01	52.94	16.50	£6.90
CD2287	11.00	2.20	36.50	27.40	6.00	11.60	281.01	30.71	25.30	£6.90
CD2288	11.00	2.20	56.80	41.90	6.00	11.60	281.01	18.79	38.50	£6.90
CD2289	15.00	2.20	20.00	12.90	10.00	15.60	214.02	27.04	12.10	£6.90
CD2290	15.00	2.20	30.20	17.70	10.00	15.60	214.02	17.23	16.50	£6.90
CD2291	15.00	2.20	48.90	27.40	10.00	15.60	214.02	9.96	25.30	£6.90
CD2292	24.00	2.20	39.20	14.00	18.90	24.70	138.05	5.47	12.10	£6.90
CD2293	24.00	2.20	59.10	19.50	18.90	24.70	138.05	3.49	16.50	£6.90
CD2294	15.00	2.50	22.00	14.00	9.40	15.60	389.66	48.61	13.80	£7.80
CD2295	15.00	2.50	32.00	19.50	9.40	15.60	389.66	30.96	18.80	£7.80
CD2296	15.00	2.50	47.50	27.80	9.40	15.60	389.66	20.02	26.30	£7.80
CD2297	15.00	2.50	67.50	38.70	9.40	15.60	389.66	13.56	36.30	£7.80

Material

Stainless Steel wire to DIN 17224. No. 1,4310. BS2056 EN58A. Commercial 302 AMS 5688 spring temper.

Other Info.

Coiled: Right hand. **Ends:** Wire up to 0.8mm squared and unground. Wire over 1.0mm squared and ground.

Loads: Load values shown are based on a service life of 50,000 cycles at 0.50 stress range.

For normal service, springs should not be compressed below L1.

Tolerances: All dimensions and forces to DIN2095 (Grade 2).

To determine the load at any working length use:-

Rate x proposed deflection.

1lb=4.448 Newtons. 1 Newton = 0.225lb.

D0 = Outside diameter mm.

d = Wire diameter mm.

L0 = Free length (ref. use only) mm.

L1 = Loaded length (min. working length) mm.

A = To work over axle size mm.

H = To work in hole size mm.

P1 = Load at L1 Newtons.

P/f = Rate N/mm.

Sh = Approx solid height mm.

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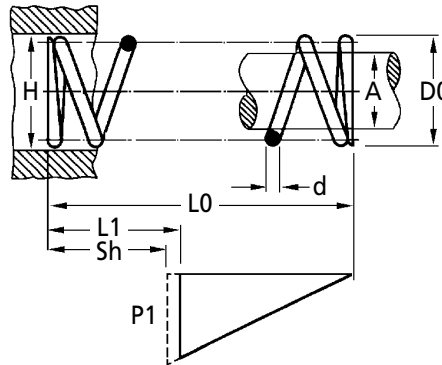
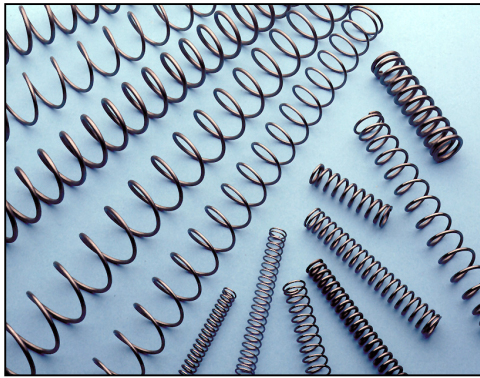
Product information updated 1st April 2010 and subject to change. Please contact Sales for the latest prices and availability.

CD

ANTI-VIBRATION & SPRINGS

Compression Springs

Stainless Steel : 2.5 - 3.2mm Wire, 14 - 34.5mm Outside Dia.



Discounts: 6+ -5% | 11+ -10% | 26+ -20% | 51+ -25% | 100+ -30% | 200+ -50%

Part Number	Outside Ø DO	Ø Wire d	Free Length L0	Loaded Length L1	Axle Ø Size A	Bore Ø Size H	Load at L1 N P1	Rate N/mm P/f	Solid Height Sh	Price Each 1 - 5
CD2298	15.00	2.50	98.00	55.10	9.40	15.60	389.66	9.15	51.30	£7.80
CD2299	18.50	2.50	27.50	14.60	12.90	19.10	303.89	23.12	13.80	£7.80
CD2300	18.50	2.50	41.00	20.50	12.90	19.10	303.89	14.70	18.80	£7.80
CD2301	18.50	2.50	61.00	29.30	12.90	19.10	303.89	9.55	26.30	£7.80
CD2302	18.50	2.50	88.00	41.10	12.90	19.10	303.89	6.48	36.30	£7.80
CD2303	18.50	2.50	130.00	58.90	12.90	19.10	303.89	4.37	51.30	£7.80
CD2304	22.50	2.50	36.00	15.50	16.80	23.20	243.44	11.85	13.80	£7.80
CD2305	22.50	2.50	54.00	21.90	16.80	23.20	243.44	7.54	18.80	£7.80
CD2306	22.50	2.50	81.50	31.50	16.80	23.20	243.44	4.87	26.30	£7.80
CD2307	22.50	2.50	120.00	44.30	16.80	23.20	243.44	3.32	36.30	£7.80
CD2308	22.50	2.50	175.00	63.60	16.80	23.20	243.44	2.24	51.30	£7.80
CD2309	27.50	2.50	49.00	16.80	21.60	28.40	194.42	6.07	13.80	£6.90
CD2310	27.50	2.50	74.50	24.00	21.60	28.40	194.42	3.87	18.80	£6.90
CD2311	27.50	2.50	115.00	34.80	21.60	28.40	194.42	2.50	26.30	£6.90
CD2312	27.50	2.50	165.00	49.20	21.60	28.40	194.42	1.70	36.30	£7.80
CD2313	27.50	2.50	240.00	70.80	21.60	28.40	194.42	1.15	51.30	£11.76
CD2314	34.50	2.50	71.50	19.30	28.30	35.70	151.94	2.90	13.80	£7.80
CD2315	34.50	2.50	110.00	27.90	28.30	35.70	151.94	1.85	18.80	£7.80
CD2316	34.50	2.50	170.00	41.00	28.30	35.70	151.94	1.19	26.30	£7.80
CD2317	34.50	2.50	245.00	58.10	28.30	35.70	151.94	0.81	36.30	£7.80
CD2318	34.50	2.50	360.00	83.90	28.30	35.70	151.94	0.55	51.30	£11.76
CD2319	14.00	2.80	20.50	16.40	7.80	14.60	432.14	106.20	15.40	£7.80
CD2320	14.00	2.80	29.00	22.30	7.80	14.60	432.14	52.36	21.00	£7.80
CD2321	14.00	2.80	45.90	34.90	7.80	14.60	432.14	39.05	32.20	£7.80
CD2322	14.00	2.80	71.40	53.30	7.80	14.60	432.14	23.93	49.00	£7.80
CD2323	20.00	2.80	27.20	16.40	13.80	20.60	316.14	29.25	15.40	£7.80
CD2324	20.00	2.80	39.50	22.50	13.80	20.60	316.14	18.63	21.00	£7.80
CD2325	20.00	2.80	64.20	34.90	13.80	20.60	316.14	10.78	32.20	£7.80
CD2326	30.00	2.80	47.00	17.90	23.70	30.70	215.68	7.40	15.40	£7.80
CD2327	30.00	2.80	70.70	24.90	23.70	30.70	215.68	4.71	21.00	£7.80
CD2328	19.20	3.20	27.50	17.80	12.20	19.80	600.42	61.92	17.60	£9.70
CD2329	19.20	3.20	40.00	24.90	12.20	19.80	600.42	39.46	24.00	£9.70
CD2330	19.20	3.20	59.00	35.40	12.20	19.80	600.42	25.56	33.60	£9.70
CD2331	19.20	3.20	83.50	49.00	12.20	19.80	600.42	17.32	46.40	£9.70
CD2332	19.20	3.20	120.00	69.40	12.20	19.80	600.42	11.76	65.60	£9.70
CD2333	23.20	3.20	33.50	18.50	16.10	23.90	480.33	31.78	17.60	£9.70

Material

Stainless Steel wire to DIN 17224. No. 1,4310. BS2056 EN58A. Commercial 302 AMS 5688 spring temper.

Other Info.

Coiled: Right hand. **Ends:** Wire up to 0.8mm squared and unground. Wire over 1.0mm squared and ground.

Loads: Load values shown are based on a service life of 50,000 cycles at 0.50 stress range.

For normal service, springs should not be compressed below L1.

Tolerances: All dimensions and forces to DIN2095 (Grade 2).

To determine the load at any working length use:-

Rate x proposed deflection.

1lb=4.448 Newtons. 1 Newton = 0.225lb.

DO = Outside diameter mm.

d = Wire diameter mm.

L0 = Free length (ref. use only) mm.

L1 = Loaded length (min. working length) mm.

A = To work over axle size mm.

H = To work in hole size mm.

P1 = Load at L1 Newtons.

P/f = Rate N/mm.

Sh = Approx solid height mm.

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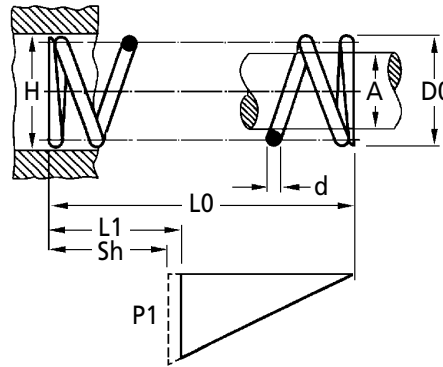
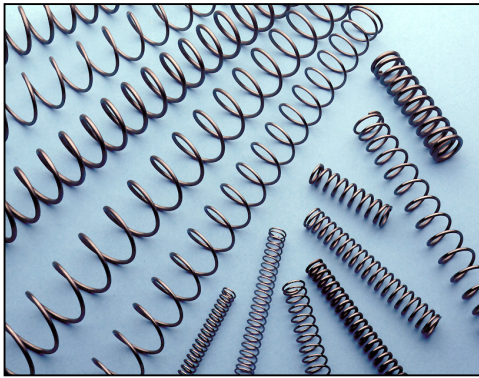
Product information updated 1st April 2010 and subject to change. Please contact Sales for the latest prices and availability.

ANTI-VIBRATION & SPRINGS

CD

Compression Springs

Stainless Steel : 3.2 - 4mm Wire, 23.2 - 44mm Outside Dia.



Discounts: 6+ -5% | 11+ -10% | 26+ -20% | 51+ -25% | 100+ -30% | 200+ -50%

Part Number	Outside Ø D0	Ø Wire d	Free Length L0	Loaded Length L1	Axle Ø Size A	Bore Ø Size H	Load at L1 N P1	Rate N/mm P/f	Solid Height Sh	Price Each 1 - 5
CD2334	23.20	3.20	49.50	25.90	16.10	23.90	480.33	20.18	24.00	£9.70
CD2335	23.20	3.20	74.00	37.10	16.10	23.90	480.33	13.07	33.60	£9.70
CD2336	23.20	3.20	105.00	51.60	16.10	23.90	480.33	8.90	46.40	£9.70
CD2337	23.20	3.20	155.00	73.20	16.10	23.90	480.33	6.01	65.60	£11.76
CD2338	28.20	3.20	42.50	19.10	21.10	28.90	383.94	16.18	17.60	£9.70
CD2339	28.20	3.20	63.50	26.30	21.10	28.90	383.94	10.30	24.00	£9.70
CD2340	28.20	3.20	94.50	37.10	21.10	28.90	383.94	6.68	33.60	£9.70
CD2341	28.20	3.20	135.00	51.60	21.10	28.90	383.94	4.54	46.40	£9.70
CD2342	28.20	3.20	200.00	73.20	21.10	28.90	383.94	3.07	65.60	£14.53
CD2343	35.20	3.20	58.50	19.80	27.60	36.40	300.61	7.76	17.60	£9.70
CD2344	35.20	3.20	88.50	27.40	27.60	36.40	300.61	4.93	24.00	£9.70
CD2345	35.20	3.20	135.00	38.80	27.60	36.40	300.61	3.18	33.60	£11.76
CD2346	35.20	3.20	190.00	54.10	27.60	36.40	300.61	2.17	46.40	£14.53
CD2347	35.20	3.20	280.00	77.00	27.60	36.40	300.61	1.47	65.60	£17.70
CD2348	43.20	3.20	82.00	21.20	35.60	44.40	240.17	3.97	17.60	£9.70
CD2349	43.20	3.20	125.00	29.70	35.60	44.40	240.17	2.52	24.00	£9.70
CD2350	43.20	3.20	190.00	42.30	35.60	44.40	240.17	1.63	33.60	£9.70
CD2351	43.20	3.20	275.00	59.20	35.60	44.40	240.17	1.11	46.40	£11.76
CD2352	43.20	3.20	405.00	84.50	35.60	44.40	240.17	0.75	65.60	£14.53
CD2353	24.00	4.00	33.50	22.20	15.30	24.70	890.41	77.53	22.00	£12.95
CD2354	24.00	4.00	49.00	31.00	15.30	24.70	890.41	49.34	30.00	£12.95
CD2355	24.00	4.00	72.00	44.20	15.30	24.70	890.41	31.94	42.00	£12.95
CD2356	24.00	4.00	105.00	61.70	15.30	24.70	890.41	21.73	58.00	£12.95
CD2357	24.00	4.00	150.00	87.70	15.30	24.70	890.41	14.62	82.00	£12.95
CD2358	29.00	4.00	41.00	22.90	20.30	29.70	709.88	39.70	22.00	£12.95
CD2359	29.00	4.00	60.50	32.20	20.30	29.70	709.88	25.24	30.00	£12.95
CD2360	29.00	4.00	89.50	46.00	20.30	29.70	709.88	16.34	42.00	£12.95
CD2361	29.00	4.00	130.00	64.50	20.30	29.70	709.88	11.11	58.00	£12.95
CD2362	29.00	4.00	185.00	92.10	20.30	29.70	709.88	7.51	82.00	£16.05
CD2363	36.00	4.00	53.50	24.00	27.00	37.00	554.67	18.95	22.00	£12.95
CD2364	36.00	4.00	79.50	33.30	27.00	37.00	554.67	12.01	30.00	£12.95
CD2365	36.00	4.00	120.00	47.20	27.00	37.00	554.67	7.79	42.00	£12.95
CD2366	36.00	4.00	170.00	65.80	27.00	37.00	554.67	5.29	58.00	£16.05
CD2367	36.00	4.00	250.00	93.60	27.00	37.00	554.67	3.58	82.00	£16.05
CD2368	44.00	4.00	71.00	25.20	34.80	45.20	443.57	9.72	22.00	£12.95
CD2369	44.00	4.00	105.00	35.10	34.80	45.20	443.57	6.16	30.00	£12.95

Material

Stainless Steel wire to DIN 17224. No. 1,4310. BS2056 EN58A. Commercial 302 AMS 5688 spring temper.

Other Info.

Coiled: Right hand. **Ends:** Wire up to 0.8mm squared and unground. Wire over 1.0mm squared and ground.

Loads: Load values shown are based on a service life of 50,000 cycles at 0.50 stress range.

For normal service, springs should not be compressed below L1.

Tolerances: All dimensions and forces to DIN2095 (Grade 2).

To determine the load at any working length use:-

Rate x proposed deflection.

1lb=4.448 Newtons. 1 Newton = 0.225lb.

D0 = Outside diameter mm.

d = Wire diameter mm.

L0 = Free length (ref. use only) mm.

L1 = Loaded length (min. working length) mm.

A = To work over axle size mm.

H = To work in hole size mm.

P1 = Load at L1 Newtons.

P/f = Rate N/mm.

Sh = Approx solid height mm.

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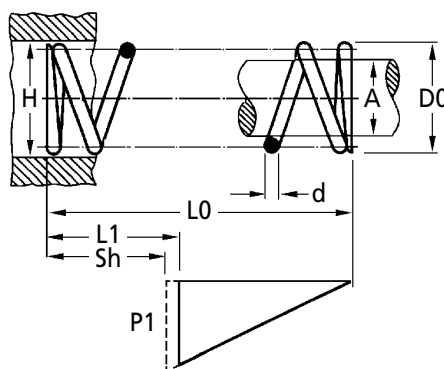
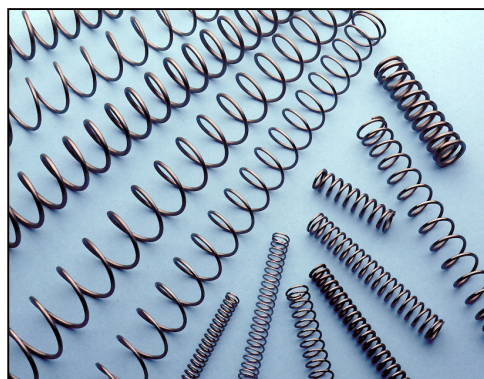
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Product information updated 1st April 2010 and subject to change. Please contact Sales for the latest prices and availability.

Compression Springs

Stainless Steel : 4 - 5mm Wire, 44 - 68mm Outside Dia.



Discounts: 6+ -5% | 11+ -10% | 26+ -20% | 51+ -25% | 100+ -30% | 200+ -50%

Part Number	Outside Ø DO	Ø Wire d	Free Length L0	Loaded Length L1	Axle Ø Size A	Bore Ø Size H	Load at L1 N P1	Rate N/mm P/f	Solid Height Sh	Price Each 1 - 5
CD2370	44.00	4.00	160.00	50.00	34.80	45.20	443.57	3.99	42.00	£12.95
CD2371	44.00	4.00	235.00	69.80	34.80	45.20	443.57	2.72	58.00	£16.05
CD2372	44.00	4.00	340.00	99.60	34.80	45.20	443.57	1.83	82.00	£20.89
CD2373	54.00	4.00	99.00	27.40	44.00	56.00	355.35	4.96	22.00	£11.76
CD2374	54.00	4.00	150.00	38.60	44.00	56.00	355.35	3.16	30.00	£12.95
CD2375	54.00	4.00	230.00	55.40	44.00	56.00	355.35	2.04	42.00	£17.70
CD2376	54.00	4.00	335.00	77.80	44.00	56.00	355.35	1.39	58.00	£19.24
CD2377	54.00	4.00	490.00	111.00	44.00	56.00	355.35	0.94	82.00	£22.57
CD2378	30.00	5.00	41.00	27.60	19.30	30.70	1307.03	97.21	27.50	£11.76
CD2379	30.00	5.00	60.00	38.50	19.30	30.70	1307.03	61.68	37.50	£11.76
CD2380	30.00	5.00	87.50	54.90	19.30	30.70	1307.03	39.87	52.50	£12.95
CD2381	30.00	5.00	125.00	76.70	19.30	30.70	1307.03	27.15	72.50	£12.95
CD2382	30.00	5.00	180.00	109.00	19.30	30.70	1307.03	18.30	102.50	£19.24
CD2383	37.00	5.00	51.00	28.70	26.00	38.00	1021.12	46.16	27.50	£11.76
CD2384	37.00	5.00	75.00	40.20	26.00	38.00	1021.12	29.40	37.50	£12.95
CD2385	37.00	5.00	110.00	57.50	26.00	38.00	1021.12	19.03	52.50	£12.95
CD2386	37.00	5.00	160.00	80.50	26.00	38.00	1021.12	12.90	72.50	£19.24
CD2387	37.00	5.00	230.00	115.00	26.00	38.00	1021.12	8.74	102.50	£19.24
CD2388	45.00	5.00	64.00	29.60	34.00	46.00	816.90	23.61	27.50	£12.95
CD2389	45.00	5.00	95.50	41.10	34.00	46.00	816.90	15.03	37.50	£12.95
CD2390	45.00	5.00	140.00	58.40	34.00	46.00	816.90	9.72	52.50	£19.24
CD2391	45.00	5.00	205.00	81.40	34.00	46.00	816.90	6.61	72.50	£19.24
CD2392	45.00	5.00	300.00	116.00	34.00	46.00	816.90	4.46	102.50	£19.24
CD2393	55.00	5.00	85.00	30.90	43.00	57.00	653.51	12.09	27.50	£12.95
CD2394	55.00	5.00	130.00	43.20	43.00	57.00	653.51	7.71	37.50	£12.95
CD2395	55.00	5.00	195.00	61.60	43.00	57.00	653.51	4.98	52.50	£17.70
CD2396	55.00	5.00	280.00	86.10	43.00	57.00	653.51	3.39	72.50	£19.24
CD2397	55.00	5.00	410.00	123.00	43.00	57.00	653.51	2.29	102.50	£27.90
CD2398	68.00	5.00	120.00	32.30	56.00	70.00	518.73	6.06	27.50	£12.95
CD2399	68.00	5.00	180.00	45.30	56.00	70.00	518.73	3.86	37.50	£17.70
CD2400	68.00	5.00	275.00	64.80	56.00	70.00	518.73	2.49	52.50	£19.24
CD2401	68.00	5.00	395.00	90.80	56.00	70.00	518.73	1.69	72.50	£20.89
CD2402	68.00	5.00	585.00	130.00	56.00	70.00	518.73	1.14	102.50	£39.46

Material

Stainless Steel wire to DIN 17224. No. 1,4310. BS2056 EN58A. Commercial 302 AMS 5688 spring temper.

Other Info.

Coiled: Right hand. **Ends:** Wire up to 0.8mm squared and unground. Wire over 1.0mm squared and ground.

Loads: Load values shown are based on a service life of 50,000 cycles at 0.50 stress range.

For normal service, springs should not be compressed below L1.

Tolerances: All dimensions and forces to DIN2095 (Grade 2).

To determine the load at any working length use:-

Rate x proposed deflection.

1lb=4.448 Newtons. 1 Newton = 0.225lb.

DO = Outside diameter mm.

d = Wire diameter mm.

L0 = Free length (ref. use only) mm.

L1 = Loaded length (min. working length) mm.

A = To work over axle size mm.

H = To work in hole size mm.

P1 = Load at L1 Newtons.

P/f = Rate N/mm.

Sh = Approx solid height mm.