

Silver Steel

For tool room and general engineering. Applications include screwdrivers, punches, shafts, axles, pinions, pins, die posts, instrument parts, model parts, taps and drills for mild steel, engraver tools. High carbon content means that it can be hardened to give high wear resistance and chromium content adds strength and hardness.

Manufactured from **BS1407:1970 grade steel.**

Typical hardness:
207-237HB with 285HB maximum.

Tensile strength:
45/55 T.P.S.I. (700/850 N/mm²).

Surface finish:
Better than 0.6 microns (25 micro inch) CLA (Centre Line Average).

Chemical analysis:

	Range	Typical
Carbon	0.95 - 1.25%	1.13%
Silicon	0.40% max	0.22%
Manganese	0.25 - 0.45%	0.37%
Phosphorous	0.045% max	0.014%
Sulphur	0.045% max	0.018%
Chromium	0.35 - 0.45%	0.43%

Metric Round Sizes

Tolerances:
Up to 25mm +0 - 0.012mm
Over 25mm up to and including 50mm +0 - 0.0250mm

Diameter (mm)	Length (mm)	Weight per metre	Order Code CTL-432	List Price/1	Offer Price/1
1.0	333		-5294J	£3.14	£1.85
1.5	333		-5297M	£3.65	£2.15
2.0	333	0.02kg	-5300A	£0.41	£0.24
	333		-5303D	£0.59	£0.35
2.5	1000	0.04kg	-5304E	£1.58	£0.93
	2000		-5305F	£3.50	£2.06
	333		-5306G	£0.70	£0.41
3.0	1000	0.05kg	-5307H	£1.91	£1.13
	2000		-5308J	£4.40	£2.60
3.5	333		-5309K	£0.84	£0.50
	1000	0.07kg	-5310L	£2.31	£1.36
	333		-5312N	£0.91	£0.54
4.0	1000	0.10kg	-5313P	£2.51	£1.48
	2000		-5314Q	£5.79	£3.42
4.5	333		-5315R	£1.32	£0.78
	1000	0.12kg	-5316S	£3.64	£2.15
	333		-5318V	£1.21	£0.71
5.0	1000	0.15kg	-5319W	£3.36	£1.98
	2000		-5320X	£7.75	£4.57
5.5	333		-5321Y	£1.69	£1.00
	1000	0.18kg	-5322Z	£4.64	£2.74
	333		-5325B	£1.71	£1.01
6.0	1000	0.22kg	-5326C	£4.70	£2.77
	2000		-5327D	£10.84	£6.40
6.5	333		-5328E	£2.03	£1.20
	1000	0.26kg	-5329F	£5.57	£3.29
7.0	333		-5331H	£2.05	£1.21
	1000	0.30kg	-5332J	£5.61	£3.31
7.5	333		-5334L	£2.69	£1.59
	1000	0.35kg	-5335M	£7.40	£4.37
	333		-5337P	£2.27	£1.34
8.0	1000	0.39kg	-5338Q	£6.89	£4.07
	2000		-5339R	£14.71	£8.68
8.5	333		-5340S	£3.02	£1.78
	333		-5343W	£2.94	£1.73
9.0	1000	0.50kg	-5344X	£8.94	£5.27
	2000		-5345Y	£19.09	£11.26
9.5	333	0.55kg	-5346Z	£3.77	£2.22
	333		-5350C	£3.55	£2.09
10.0	1000	0.61kg	-5351D	£10.75	£6.34
	2000		-5352E	£22.96	£13.55
10.5	333	0.68kg	-5353F	£4.83	£2.85



Silver Steel - Metric, continued

Diameter (mm)	Length (mm)	Weight per metre	Order Code CTL-432	List Price/1	Offer Price/1
32.0	333	6.30kg	-5450G	£31.51	£18.59
33.0	333	6.30kg	-5453K	£33.48	£19.75
34.0	333		-5456N	£35.58	£20.99
	333	7.55kg	-5459R	£37.55	£22.15
35.0	1000		-5460S	£114.24	£67.40
36.0	333	7.98kg	-5462V	£39.86	£23.52
38.0	333	8.90kg	-5469B	£45.18	£26.66
	333	9.80kg	-5475H	£49.26	£29.06
40.0	1000		-5476J	£149.17	£88.01
	2000		-5477K	£298.30	£176.00
45.0	333		-5478L	£62.14	£36.66
50.0	333	15.40kg	-5481P	£76.77	£45.29

Silver Steel - Inch Round Sizes

Tolerances:
Below 1" +/- 0.00025"
1" up to and including 2" +/- 0.00050"

Diameter	Length	Weight per 39"	Order Code CTL-432	List Price/1	Offer Price/1
1/16"	13"	0.01kg	-5010A	£0.39	£0.23
	13"	0.03kg	-5013D	£0.53	£0.31
	78"		-5015F	£3.61	£2.13
1/8"	13"	0.06kg	-5016G	£0.64	£0.38
	39"		-5017H	£1.87	£1.10
	78"		-5018J	£4.60	£2.71
	13"	0.10kg	-5019K	£1.05	£0.62
5/32"	39"		-5020L	£2.83	£1.67
	78"		-5021M	£6.95	£4.10
11/64"	13"		-5022A	£0.94	£0.55
	13"	0.14kg	-5022N	£1.08	£0.64
	39"		-5023P	£2.95	£1.74
	78"		-5024Q	£6.82	£4.02
	13"	0.19kg	-5025R	£1.75	£1.03
7/32"	39"		-5026S	£4.77	£2.81
	78"		-5027T	£11.00	£6.49
	13"	0.25kg	-5028V	£1.63	£0.96
1/4"	39"		-5029W	£4.50	£2.65
	78"		-5030X	£10.40	£6.14
9/32"	13"	0.31kg	-5031Y	£2.46	£1.45
	13"	0.39kg	-5035B	£2.47	£1.46
5/16"	39"		-5036C	£6.78	£4.00
	78"		-5037D	£15.65	£9.23
11/32"	13"	0.47kg	-5038E	£3.52	£2.08
	13"	0.56kg	-5041H	£3.21	£1.89
3/8"	39"		-5042J	£9.74	£5.75
	78"		-5043K	£20.79	£12.27
13/32"	13"	0.76kg	-5044L	£4.47	£2.64
	13"	0.76kg	-5047P	£4.39	£2.59
7/16"	39"		-5048Q	£13.27	£7.83
	78"		-5049R	£28.33	£16.71
15/32"	13"	0.87kg	-5050S	£5.94	£3.50
	13"	0.99kg	-5053W	£5.02	£2.96
1/2"	39"		-5054X	£15.19	£8.96
	78"		-5055Y	£32.46	£19.15
17/32"	13"	1.12kg	-5056Z	£6.98	£4.12
9/16"	13"	1.25kg	-5060C	£6.36	£3.75
19/32"	13"	1.40kg	-5063F	£7.47	£4.41
	13"	1.55kg	-5066J	£7.11	£4.19
5/8"	39"		-5067K	£21.56	£12.72
	78"		-5068L	£46.06	£27.18
21/32"	13"	1.88kg	-5069M	£9.68	£5.71
11/16"	13"	2.23kg	-5072Q	£8.84	£5.22
	13"	2.23kg	-5078X	£10.26	£6.05
3/4"	39"		-5079Y	£31.25	£18.44
	78"		-5080Z	£67.08	£39.58
13/16"	13"	2.62kg	-5082A	£13.56	£8.00
	13"	3.00kg	-5085D	£13.30	£7.85
7/8"	39"		-5086E	£40.30	£23.78
15/16"	13"	3.50kg	-5088G	£16.39	£9.67
	13"	3.90kg	-5091K	£16.10	£9.50
1"	39"		-5092L	£48.80	£28.79
	78"		-5093M	£102.32	£60.37
1 1/8"	13"	5.00kg	-5094N	£20.94	£12.35
	13"	6.20kg	-5097R	£25.83	£15.24
1 1/4"	39"		-5098S	£78.31	£46.20
1 3/8"	13"	7.50kg	-5100V	£31.25	£18.44
1 1/2"	13"	8.50kg	-5103Y	£37.14	£21.91
1 3/4"	13"	12.20kg	-5107B	£50.64	£29.88
2"	13"		-5110E	£66.07	£38.98