

Precision Ground Flat Stock

The dimensional stability of ground flat stock combines with other useful characteristics including excellent resistance to cracking during heat treatment compared with other, more highly alloyed, cold work tools. Relatively soft and easy to machine. High wear resistance after heat treatment.

Holds a good cutting edge. Suitable for EDM machining.

Typical applications: widely used in precision tools, machine knives, gauges, jigs, templates, punches, dies and machine parts.

The Cost Cutting Stock: extensive range of widths and thicknesses enables the selection of an appropriate size of ground flat stock to minimise material and machining costs. Manufactured to Industry Standard Tolerances: **Steel/Quality AISI-01 & WNI2510.**

Chemical analysis (AISI):

Range	Typical		Range	Typical	
Carbon	0.90 - 1.00%	0.95%	Chromium	0.50 - 0.70%	0.55%
Silicon	0.40%	0.40%	Tungsten	0.50 - 0.70%	0.55%
Manganese	1.00 - 1.20%	1.20%	Vanadium	0.05 - 0.25%	0.15%

Imperial Sizes

Tolerances:

Thickness + or - 0.001".
Width - 0.00"/+ 0.005".
Length - 0.00"/+ 0.25".

Size	Weight each	Order Code	List Price/1	Offer Price/1
1/32"x1/2"x18"	0.04kg	-0101B	£4.69	£2.72
1/32"x5/8"x18"		-0102C	£4.91	£2.85
1/32"x3/4"x18"	0.05kg	-0103D	£4.77	£2.77
1/32"x1"x18"	0.07kg	-0104E	£5.21	£3.02
1/32"x1 1/4"x18"	0.09kg	-0105F	£6.11	£3.54
1/32"x1 1/2"x18"	0.11kg	-0106G	£7.10	£4.12
1/32"x2"x18"	0.15kg	-0109K	£8.46	£4.91
1/32"x2 1/2"x18"	0.18kg	-0110L	£9.97	£5.78
1/32"x3"x18"	0.22kg	-0111M	£11.93	£6.92
1/32"x4"x18"	0.29kg	-0112N	£15.17	£8.80
1/32"x5"x18"	0.36kg	-0113P	£18.19	£10.55
1/32"x6"x18"		-0114Q	£21.42	£12.42
1/32"x8"x18"		-0115R	£27.60	£16.01
1/32"x10"x18"		-0116S	£32.39	£18.79
1/32"x12"x18"		-0117T	£37.16	£21.55
3/64"x1"x18"		-0154E	£5.46	£3.17
3/64"x3"x18"		-0159K	£12.39	£7.19
3/64"x4"x18"	0.44kg	-0161M	£14.30	£8.29
1/16"x3/8"x18"	0.05kg	-0200A	£5.21	£3.02
1/16"x1/2"x18"	0.07kg	-0201B	£5.28	£3.06
1/16"x5/8"x18"	0.09kg	-0203D	£5.67	£3.29
1/16"x3/4"x18"	0.11kg	-0204E	£5.96	£3.46
1/16"x7/8"x18"	0.13kg	-0205K	£6.50	£3.77
1/16"x1"x18"	0.15kg	-0206G	£5.84	£3.39
1/16"x1 1/4"x18"	0.18kg	-0209K	£6.94	£4.03
1/16"x1 1/2"x18"	0.22kg	-0211M	£7.78	£4.51
1/16"x2"x18"	0.29kg	-0217T	£9.35	£5.42
1/16"x2"x24"	0.38kg	-0218V	£12.74	£7.39
1/16"x2 1/2"x18"	0.36kg	-0220X	£10.95	£6.35
1/16"x3"x18"	0.44kg	-0222Z	£12.21	£7.08
1/16"x3 1/2"x18"		-0225G	£15.20	£8.82
1/16"x4"x18"	0.58kg	-0226C	£14.91	£8.65
1/16"x5"x18"		-0229F	£17.53	£10.17
1/16"x6"x18"	0.87kg	-0230G	£20.67	£11.99
1/16"x8"x18"	1.16kg	-0233K	£28.61	£16.59
1/16"x12"x18"	1.16kg	-0237P	£35.95	£20.85
5/64"x1 1/2"x18"		-0266G	£7.82	£4.54
5/64"x2"x18"		-0268J	£9.51	£5.52
5/64"x3"x18"	0.56kg	-0269K	£15.64	£9.07
3/32"x1 1/4"x18"		-0298A	£4.48	£2.60
3/32"x5/16"x18"	0.05kg	-0298Z	£12.50	£7.25
3/32"x3/8"x18"	0.08kg	-0300A	£5.28	£3.06
3/32"x1/2"x18"	0.11kg	-0301B	£5.81	£3.37
3/32"x5/8"x18"	0.14kg	-0303D	£5.67	£3.29
3/32"x3/4"x18"	0.16kg	-0304E	£6.42	£3.72
3/32"x1"x18"	0.22kg	-0306G	£7.17	£4.16
3/32"x1 1/4"x18"	0.28kg	-0309K	£8.23	£4.77
3/32"x1 1/2"x18"	0.33kg	-0311M	£8.60	£4.99
3/32"x2"x18"	0.44kg	-0317T	£10.49	£6.08
3/32"x2 1/2"x18"	0.54kg	-0320X	£11.03	£6.40
3/32"x3"x18"	0.65kg	-0322Z	£13.46	£7.81
3/32"x3 1/2"x18"		-0325B	£19.45	£11.28
3/32"x4"x18"	0.87kg	-0326C	£17.20	£9.98
3/32"x5"x18"		-0329F	£19.20	£11.14
3/32"x6"x18"	1.31kg	-0330G	£23.63	£13.71
3/32"x8"x18"		-0333K	£33.15	£19.23
1/8"x1/8"x18"	0.04kg	-0399X	£6.26	£3.63
1/8"x1/4"x18"	0.08kg	-0399Z	£6.97	£4.04
1/8"x3/8"x18"	0.11kg	-0400A	£5.22	£3.03
1/8"x1/2"x18"	0.15kg	-0401B	£5.96	£3.46
1/8"x5/8"x18"	0.18kg	-0403D	£6.34	£3.68
1/8"x3/4"x18"	0.22kg	-0404E	£6.80	£3.94
1/8"x7/8"x18"		-0405T	£7.00	£4.06
1/8"x1"x18"	0.29kg	-0406G	£7.93	£4.60
1/8"x1"x36"	0.58kg	-0408J	£15.70	£9.11
1/8"x1 1/4"x18"	0.36kg	-0409K	£8.99	£5.21
1/8"x1 1/2"x18"	0.44kg	-0411M	£10.18	£5.90
1/8"x1 3/4"x18"	0.51kg	-0413S	£9.93	£5.76
1/8"x2"x18"	0.58kg	-0418V	£11.70	£6.79
1/8"x2 1/4"x18"	0.73kg	-0421B	£12.44	£7.22
1/8"x2 1/2"x18"	0.73kg	-0421Y	£13.53	£7.85
1/8"x3"x18"	0.87kg	-0424A	£15.37	£8.91
1/8"x4"x18"	1.16kg	-0427D	£18.64	£10.81
1/8"x4 1/2"x18"		-0429K	£19.45	£11.28
1/8"x5"x18"	1.45kg	-0430G	£22.52	£13.06

Size	Weight each	Order Code	List Price/1	Offer Price/1
1/8"x6"x18"	1.74kg	-0432J	£26.40	£15.31
1/8"x8"x18"	2.32kg	-0435M	£35.24	£20.44
1/8"x10"x18"	2.90kg	-0438T	£45.17	£26.20
1/8"x12"x18"	3.48kg	-0439V	£54.49	£31.60
5/32"x5/32"x18"	0.07kg	-0495X	£7.46	£4.33
5/32"x3/8"x18"	0.15kg	-0500A	£6.26	£3.63
5/32"x1/2"x18"	0.20kg	-0501B	£6.26	£3.63
5/32"x5/8"x18"	0.25kg	-0503D	£6.80	£3.94
5/32"x3/4"x18"	0.30kg	-0505F	£7.17	£4.16
5/32"x1"x18"	0.40kg	-0507H	£8.23	£4.77
5/32"x1 1/4"x18"	0.50kg	-0510L	£8.99	£5.21
5/32"x1 1/2"x18"	0.60kg	-0511M	£10.14	£5.88
5/32"x2"x18"	0.80kg	-0516S	£12.00	£6.96
5/32"x2 1/2"x18"	1.00kg	-0519W	£12.00	£6.96
5/32"x3"x18"	1.20kg	-0521Y	£16.96	£9.84
5/32"x3 1/2"x18"		-0524G	£18.44	£10.70
5/32"x4"x18"	1.60kg	-0525B	£20.96	£12.16
5/32"x6"x18"	2.40kg	-0529F	£30.74	£17.83
3/16"x3/16"x18"	0.09kg	-0600A	£8.01	£4.65
3/16"x1/4"x18"	0.11kg	-0600H	£16.47	£9.55
3/16"x3/8"x18"	0.16kg	-0601B	£7.41	£4.30
3/16"x1/2"x18"	0.22kg	-0602C	£8.01	£4.65
3/16"x5/8"x18"	0.27kg	-0604E	£8.54	£4.95
3/16"x3/4"x18"	0.33kg	-0605F	£8.99	£5.21
3/16"x7/8"x18"		-0606M	£10.79	£6.26
3/16"x1"x18"	0.44kg	-0607H	£10.14	£5.88
3/16"x1"x36"	0.88kg	-0609K	£21.45	£12.44
3/16"x1 1/4"x18"	0.54kg	-0610L	£11.25	£6.53
3/16"x1 1/2"x18"	0.65kg	-0612N	£12.77	£7.41
3/16"x2"x18"	0.87kg	-0619W	£15.20	£8.82
3/16"x2 1/2"x18"	1.09kg	-0622Z	£18.34	£10.64
3/16"x3"x18"	1.31kg	-0625B	£20.56	£11.92
3/16"x3 1/2"x18"	1.53kg	-0627M	£22.72	£13.18
3/16"x4"x18"	1.74kg	-0628E	£25.55	£14.82
3/16"x4"x36"	3.48kg	-0630G	£39.79	£23.08
3/16"x5"x18"	2.18kg	-0631H	£31.08	£18.03
3/16"x6"x18"	2.16kg	-0632J	£34.60	£20.07
3/16"x7"x18"		-0634P	£56.26	£32.63
3/16"x8"x18"	3.48kg	-0635M	£46.76	£27.12
3/16"x10"x18"	4.35kg	-0638A	£56.26	£32.63
7/32"x7/32"x18"		-0639V	£7.79	£4.52
7/32"x1/2"x18"		-0641H	£8.75	£5.08
7/32"x5/8"x18"		-0642J	£10.67	£6.19
7/32"x3/4"x18"		-0643K	£11.42	£6.62
7/32"x1"x18"		-0644L	£12.04	£6.98
7/32"x2"x18"		-0649R	£15.48	£8.98
7/32"x3"x18"		-0651T	£38.92	£22.57
7/32"x6"x18"		-0655Y	£42.57	£24.69
7/32"x8"x18"		-0656Z	£78.26	£45.39
1/4"x1/4"x18"	0.18kg	-0700A	£10.14	£5.88
1/4"x3/8"x18"	0.22kg	-0701B	£8.91	£5.17
1/4"x1/2"x18"	0.29kg	-0702C	£9.97	£5.78
1/4"x1/2"x24"	0.39kg	-0702F	£13.91	£8.07
1/4"x5/8"x18"	0.36kg	-0703D	£10.43	£6.05
1/4"x3/4"x18"	0.44kg	-0704E	£10.86	£6.30
1/4"x7/8"x18"		-0705K	£11.93	£6.92
1/4"x1"x18"	0.58kg	-0706G	£12.16	£7.05
1/4"x1"x24"	0.77kg	-0707H	£17.15	£9.95
1/4"x1"x36"	1.16kg	-0708J	£24.07	£13.96
1/4"x1 1/4"x18"	0.73kg	-0709K	£13.75	£7.97
1/4"x1 1/2"x18"	0.87kg	-0711M	£15.33	£8.89
1/4"x1 1/2"x36"	1.74kg	-0713P	£27.53	£15.97
1/4"x1 3/4"x18"	1.02kg	-0713T	£13.91	£8.07
1/4"x2"x18"	1.16kg	-0719W	£16.43	£9.53
1/4"x2"x36"	2.32kg	-0721Y	£40.46	£23.47
1/4"x2 1/4"x18"	1.31kg	-0722G	£13.77	£7.99
1/4"x2 1/2"x18"	1.45kg	-0722Z	£18.86	£10.94
1/4"x3"x18"	1.74kg	-0725B	£21.91	£12.71
1/4"x3 1/2"x18"	2.03kg	-0727H	£22.09	£12.81
1/4"x4"x18"	2.32kg	-0728E	£28.03	£16.26
1/4"x5"x18"	2.90kg	-0731H	£32.85	£19.05
1/4"x6"x18"	3.48kg	-0732J	£37.91	£21.99
1/4"x8"x18"	4.64kg	-0735M	£50.37	£29.21
1/4"x9"x18"		-0737T	£53.76	£31.18
1/4"x10"x18"	5.81kg	-0738Q	£63.57	£36.87

Size	Weight each	Order Code	List Price/1	Offer Price/1
1/4"x12"x18"	6.97kg	-0739R	£70.79	£41.06
5/16"x5/16"x18"	0.23kg	-0800A	£11.38	£6.60
5/16"x3/8"x18"	0.27kg	-0801B	£10.79	£6.26
5/16"x1/2"x18"	0.36kg	-0802C	£11.39	£6.61
5/16"x5/8"x18"	0.45kg	-0803D	£12.16	£7.05
5/16"x3/4"x18"	0.54kg	-0804E	£12.98	£7.53
5/16"x1"x18"	0.73kg	-0806G	£15.01	£8.71
5/16"x1 1/4"x18"	0.91kg	-0809K	£18.28	£10.60
5/16"x1 1/2"x18"	1.09kg	-0811M	£19.54	£11.33
5/16"x1 3/4"x18"	1.27kg	-0813S	£16.73	£9.70
5/16"x5/8"x18"	1.45kg	-0818V	£22.77	£13.21
5/16"x2 1/2"x18"	1.81kg	-0821Y	£26.34	£15.28
5/16"x3"x18"	2.18kg	-0824A	£28.54	£16.55
5/16"x3 1/2"x18"		-0826G	£26.90	£15.60
5/16"x4"x18"	2.90kg	-0827D	£35.15	£20.39
5/16"x5"x18"	3.63kg	-0830G	£43.77	£25.39
5/16"x6"x18"	4.35kg	-0831H	£52.09	£30.21
5/16"x8"x18"	5.81kg	-0834L	£67.85	£39.35
5/16"x10"x18"	7.26kg	-0837T	£82.74	£47.99
5/16"x12"x18"		-0838V	£97.65	£56.64
3/8"x3/8"x18"	0.33kg	-0900A	£13.66	£7.92
3/8"x1/2"x18"	0.44kg	-0901B	£12.45	£7.22
3/8"x5/8"x18"	0.54kg	-0902C	£12.84	£7.45
3/8"x3/4"x18"	0.65kg	-0903D	£14.34	£8.32
3/8"x1"x18"	0.87kg	-0905F	£15.01	£8.71
3/8"x1 1/4"x18"	1.09kg	-0908J	£19.09	£11.07
3/8"x1 1/2"x18"	1.31kg	-0910L	£21.22	£12.31
3/8"x1 3/4"x18"	1.53kg	-0912R	£22.72	£13.18
3/8"x2"x18"	1.74kg	-0917T	£25.10	£14.56
3/8"x2 1/2"x18"	2.18kg	-0920X	£28.73	£16.66
3/8"x3"x18"	2.61kg	-0922Z	£33.98	£19.71
3/8"x3 1/2"x18"	3.05kg	-0925G	£42.57	£24.69
3/8"x4"x18"	3.48kg	-0926C	£38.88	£22.55
3/8"x5"x18"	4.35kg	-0929F	£47.43	£27.51
3/8"x6"x18"	5.22kg	-0930G	£56.03	£32.5