

4130 SHEET



4130 STEEL SHEETS & STRIPS MIL-S-6345A NORMALIZED

This chromium-molybdenum alloy is one of the most widely used aircraft steels because of its combination of weldability, ease of fabrication and mild hardenability. It will respond to heat treatment to high strength levels and yet, in the annealed condition, it has adequate strength for many applications. Used for the manufacture of parts and components. Tensile strength 75,000-85,000 PSI. Furnished cold-rolled and oiled in sheet thicknesses of .025-.125 inch. Sheets of .190-.250 inch and greater thickness are hot-rolled, pickled and oiled. Sheared to sheet and strip sizes listed below. Subject to availability of normalized sheet, annealed 4130 sheet may be substituted.

4130 STEEL SHEET

Thickness (In.)	Price per Piece												Wt.** (Lbs.)
	6" x 12'		9" x 9"		9" x 18"		18" x 18"		18" x 36"		18" x 72"		
	Part No.	Price	Part No.	Price	Part No.	Price	Part No.	Price	Part No.	Price	Part No.	Price	
.025	03-21800	\$1.61	03-21850	\$2.90	03-21900	\$5.35	03-22000	\$11.50	03-22100	\$22.99	03-22150	\$45.99	2.30
.032	03-22510	\$4.40	03-22515	\$4.90	03-22520	\$9.75	03-22525	\$19.50	03-22530	\$38.90	03-22535	\$77.75	---
.040	03-22600	\$3.55	03-22650	\$3.99	03-22700	\$7.85	03-22800	\$15.70	03-22900	\$31.50	03-22950	\$62.75	3.75
.050	03-23000	\$2.02	03-23050	\$4.60	03-23100	\$9.50	03-23200	\$18.50	03-23300	\$36.50	03-23350	\$72.75	4.80
.063	03-23400	\$6.65	03-23450	\$8.90	03-23500	\$15.55	03-23600	\$28.85	03-23700	\$55.75	03-23750	\$110.80	5.85
.071	03-23800	\$6.50	03-23850	\$6.95	03-23900	\$13.75	03-24000	\$27.50	03-24100	\$54.90	03-24150	\$109.75	6.55
.080	03-24200	\$6.50	03-24250	\$8.50	03-24300	\$14.85	03-24400	\$27.55	03-24500	\$52.95	03-24550	\$105.90	7.15
.090	03-24600	\$12.50	03-55500	\$12.95	03-24700	\$25.90	03-24800	\$51.75	03-24900	\$103.75	03-24950	\$206.95	8.15
.100	03-25000	\$8.60	---	---	03-25100	\$19.50	03-25200	\$38.50	03-25300	\$76.75	03-25350	\$152.75	10.45
.125	03-55300	\$17.50	03-25370	\$23.50	03-25400	\$40.50	03-25500	\$74.90	03-25600	\$143.99	---	---	11.25
.190	---	---	03-25660	\$25.85	03-25700	\$51.75	03-25750	\$107.75	03-26025	\$206.95	---	---	17.50
.250	---	---	03-25850	\$24.50	03-25900	\$48.50	03-25950	\$96.75	03-26050	\$192.75	03-00106	\$386.00	94.00

** Wt. per 18" x 18" sheet.

Less 10% discount on 6 sheets 18" x 36" or 3 sheets of 18" x 72" per part number.

4130 STEEL STRIPS

Thickness	Size	Part No.	Price*
.025	5/8" x 72"	03-18000-6	\$1.61
.025	1" x 72"	03-18100-6	\$2.58
.032	5/8" x 72"	03-18110-6	\$2.73
.032	1" x 72"	03-18120-6	\$4.40
.032	2" x 72"	03-18130-6	\$8.75
.032	3" x 72"	03-18140-6	\$12.99
.040	5/8" x 72"	03-18200-6	\$2.20
.040	1" x 72"	03-18300-6	\$3.55
.040	2" x 72"	03-18310-6	\$6.99
.040	3" x 72"	03-18320-6	\$10.50
.050	1" x 72"	03-18400-6	\$4.40
.050	2" x 72"	03-18410-6	\$8.75
.050	3" x 72"	03-18420-6	\$12.50
.063	5/8" x 72"	03-18500-6	\$4.45
.063	3/4" x 72"	03-18600-6	\$4.45
.063	1" x 72"	03-18700-6	\$6.65
.063	1-1/4" x 72"	03-18800-6	\$8.50
.063	1-1/2" x 72"	03-18900-6	\$8.90
.063	2" x 72"	03-19000-6	\$13.50
.063	3" x 72"	03-19100-6	\$17.75
.071	5/8" x 72"	03-19180-6	\$3.85
.071	1" x 72"	03-19200-6	\$6.50
.071	2" x 72"	03-19210-6	\$12.50
.071	3" x 72"	03-19220-6	\$18.50
.080	5/8" x 72"	03-19280-6	\$4.35
.080	1" x 72"	03-19290-6	\$6.50
.080	2" x 72"	03-19300-6	\$11.80
.090	1" x 72"	03-19400-6	\$12.50
.090	1-1/2" x 72"	03-19500-6	\$17.50
.090	2" x 72"	03-19520-6	\$24.85
.090	3" x 72"	03-19600-6	\$34.50
.100	1" x 72"	03-19610-6	\$8.60
.100	1-1/2" x 72"	03-19620-6	\$12.75
.100	3" x 72"	03-19630-6	\$25.55
.125	1" x 72"	03-19700-6	\$17.50
.125	1-1/2" x 72"	03-19800-6	\$23.50
.125	2" x 72"	03-19820-6	\$34.60
.125	3" x 72"	03-19900-6	\$46.50
.250	1-1/4" x 18"	03-20000	\$7.60

* 3-Ft. lengths available at the half price of 6' lengths.

6 ft. lengths are subject to UPS oversize charges. Consider 3 ft. lengths which ship at cheaper rates

4130 STEEL SHEET

(As Used in Christavia Kits)

Thickness	Size	Part No.	Price
.040	8" x 8"	03-56302	\$3.35
.040	12" x 12"	03-56304	\$6.99
.040	12" x 20"	03-56316	\$11.70
.040	10" x 26"	03-56312	\$12.65
.040	12" x 24"	03-56306	\$13.99
.040	14" x 30"	03-56308	\$20.50
.040	18" x 30"	03-56310	\$26.50
.040	24" x 24"	03-56314	---
.050	4" x 24"	03-56320	\$5.40
.050	12" x 12"	03-56318	\$8.50
.050	8" x 24"	03-56322	\$10.80
.050	12" x 24"	03-56324	\$16.50
.063	10" x 10"	03-56326	\$8.90
.063	10" x 14"	03-56332	\$11.50
.063	12" x 12"	03-56328	\$13.50
.063	12" x 24"	03-56330	\$24.50
.071	4" x 4"	03-56334	\$1.32
.071	12" x 12"	03-56336	\$12.50
.071	12" x 24"	03-56338	\$18.50
.080	2" x 10"	03-56354	\$2.12
.080	12" x 24"	03-56340	\$23.50
.090	2" x 10"	03-56344	\$3.35
.090	6" x 8"	03-56342	\$15.50
.090	12" x 24"	03-56346	\$45.99
.125	10" x 24"	03-56348	\$51.85
.125	12" x 24"	03-56350	\$63.75

E4340 RECTANGULAR

FLAT STEEL

SPEC. MIL-S-5000 ANNEALED

This chromium-nickel-molybdenum alloy, "king" of the hardening grades of alloy steels, possesses much deeper hardenability than the 4100 series. The fatigue-tensile ratio makes it ideal for highly stressed parts such as landing gear legs, and is often referred to as "spring steel". Tensile strength is about 110,000 PSI. It is difficult to weld but can be welded by any of the common welding processes providing the section is preheated and stress relieved after welding.

Size (In.)	Wt./Ft (Lbs.)	Part No.	Price/Ft.
1/4 x 1-1/2	1.275	03-26100	\$19.50
1/4 x 2	1.702	03-26150	\$17.50
3/8 x 2	2.550	03-26200	\$39.50
1/2 x 3	5.100	03-26300	\$53.75
1/2 x 4	6.800	03-26400	\$75.85

VACUUM MELTED LOW

ALLOY 4130 STEEL

WELDING WIRE

This high quality welding rod is produced from vacuum melted material. This material has ultra-low levels of oxygen, hydrogen, and nitrogen and is extremely low in trace elements. This rod is cleaner than standard rods and is the best available for 4130 welding. .062 dia. 36" long. Approx. 32 units per pound.

P/N 03-27600 \$64.75/lb.

BRASS BRAZING ROD

1/16" P/N 03-27625 \$14.50/lb.
3/32" P/N 03-00118 \$17.85/lb.

WELDING ROD NO. 7



For big-strength welds in steel plate, sheet, structural shapes, pipe and steel castings. Supplied in 36" lengths in sizes 1/16", 3/32" and 1/8".

NO. 32CMS - Recommended for 4130 steel structures for most satisfactory results. This rod is heat-treatable after welding.

1/16" Dia. P/N 03-27000 \$34.50/lb.
1/8" Dia. P/N 03-27200 \$12.75/lb.

NO. 7 - Used in general commercial welding and by many mechanics for non-heat-treated airframe repairs.

1/16" Dia. P/N 03-27300 \$14.90/lb.
1/8" Dia. P/N 03-27500 \$9.65/lb.

WELD BRUSH



Stainless steel bristles set in curved wooden handle. Just right for cleaning welds. 1/2" Wide x 8" Long P/N 03-26500 \$2.25

For Aluminum Welding Rod, see page 56.
For Welding Equipment Tools Section.

IF MFG TEST REPORTS ARE REQUIRED THERE IS A \$15.00 CHARGE PER ORDER.
PLEASE INDICATE AT TIME OF ORDER