



# SURMAN METALS

08 8259 9444  
[www.surmanmetals.com](http://www.surmanmetals.com)

**FAMILY OWNED BUSINESS WITH OVER 50 YEARS EXPERIENCE!**

- > **BRASS**
- > **BRONZE**
- > **COPPER**
- > **STAINLESS STEEL**
- > **CAST IRON**
- > **ALUMINIUM**



**Australia Wide Delivery**

Specialty Metals • Expertise • Service • Efficiency

# PRODUCTS



## ALUMINIUM

<b>6061</b>	High strength, good machining, good anodising, structural grade, weldable
<b>5083</b>	Good welding, high strength
<b>2011</b>	Good machining grade
<b>7075</b>	Aircraft grade, high strength
<b>Flat Bars</b>	10 x 3mm to 160 x 25mm 6060, 6061
<b>Rectangle Bar</b>	40 x 16mm to 177.8 x 152.4mm 6060, 6061
<b>Round Bar</b>	6.35mm Ø to 518mm Ø 6061 2011, 7075 & other grades available upon request
<b>Tube</b>	Round, square and rectangular tubes available Sizes available upon request
<b>Channels, angles &amp; extrusions</b> Sizes available upon request	
<b>Plate</b>	
<b>5083</b>	6 to 100mm thickness
<b>6061</b>	6.35 to 310mm thickness
<b>7075</b>	6.35 to 203mm thickness
<b>Sheet</b>	0.6 to 6mm thickness 5005, 5083, 6061 & more

*More grades & sizes available upon request*



## COPPER

<b>110 Alloy</b>	High conductivity
<b>147 Alloy</b>	EDM copper, machining alloy
<b>Class 2 Industrial</b>	Spot welding, high conductivity
<b>Copper alloys</b>	Tungsten copper, beryllium copper, class 3 & 4
<b>Rounds</b>	3.18mm Ø to 101.6mm Ø
<b>Flats</b>	12.7 x 3.18mm to 152.4 x 25.4mm
<b>Tube*</b>	3.18 x 0.89mm to 101 x 2mm
<b>Sheet</b>	0.5mm to 6mm thickness Sheet size 1800 x 900mm We sell in quarter sheet increments 450 x 900mm

*\* Castings can come in any size, shape or alloy*



## BRONZE

<b>LG2</b>	Leaded gun metal, general purpose bearing bronze
<b>PB1</b>	Phosphor bronze, heavy duty gears, high strength applications
<b>ALB</b>	Aluminium bronze, high strength, impact resistant & marine applications
<b>NIAB</b>	Nickle aluminium bronze, aerospace, marine, oil & gas industry applications
<b>Castings</b>	Available in any size or shape A large range of alloys are available
<b>Flat Bar</b>	A range of flat bars are available in PB1 & LG2
<b>Solid</b>	12.7mm Ø to 304mm Ø
<b>Hollow</b>	25.4mm OD x 12.7mm ID to 304mm OD x 254mm ID

### Sintered Bronze Bushes & Finished Bushes

*More grades & sizes available upon request*



## CAST IRON

We carry one of the largest ranges of cast iron in Australia with all the hard to find larger sizes available

<b>Grey Iron</b>	Sprockets, gears, pulleys & moulds, pistons, valve guides, piston rings & liners
<b>Ductile Iron</b>	Resistance to corrosion & shock Pump bodies & wheel bearings
<b>Round Bar</b>	25mm Ø to 550mm Ø
<b>Square Bar</b>	25 x 25mm SQ to 510 x 510mm SQ
<b>Flat Bar</b>	55 x 30mm to 650 x 300mm
<b>Hollow &amp; Castings</b>	Both can be sourced with short turn arounds.

# 2,300 SQUARE METRES OF WAREHOUSE WITH OVER 350 TONNES OF STOCK! THIS MAKE US YOUR ONE STOP SHOP FOR SPECIALTY METALS.



## STAINLESS STEEL

303	Machining
304	General, machining & food grade
316	Marine Grade, high salt corrosion resistance
Round Bar	3.18mm Ø to 304mm Ø
Square Bar	6 x 6mm to 50 x 50mm SQ
Flat Bar	12 x 3mm to 150 x 12mm
Sheet	0.55 to 3mm thickness Standard sheet size 1220 x 2440mm We sell in quarter sheet increments 610 x 1220mm Can cut to size with our CNC guillotines
Plate	4mm to 100mm thickness
Pipe	8NB SCH10 to 250NB SCH10
Tube	4.76 x 0.89mm to 152.4 x 1.6mm
Fittings	Nipples, plugs, reducers, flanges, unions, tube bends, sockets & tee fittings

More grades & sizes available upon request



## BRASS

Round Bar	3.18 Ø to 240mm Ø
Hex Bar	4.76mm AF to 63.5mm AF
Flat Bar	6.35 x 3.18mm to 152.4 x 50.8mm
Hollow Bar	14.29mm OD x 11.11mm ID to 88.9mm OD x 76.2mm ID
Tube	4.76 x 0.91mm to 76.1 x 1.6mm
Sheet	0.5 to 6mm thickness Standard sheet size 1800 x 900 We sell in quarter sheet increments 450 x 90mm



## SPECIALTY STEEL

We are committed to providing the industry with the materials required. We are able to stock any specialty steel for continual work.

We are able to provide specialty steels in all grades.

- 1020
- S1214
- Monel
- Titanium Grade 2 & 5
- 1045
- 4140
- Tool Steel
- Chrome Moly 4130

More grades of specialty steels available upon request

## SERVICES

### CNC ALUMINIUM PLATE CUTTING

- > Can achieve tight tolerances -0.00/ + 0.3mm
- > Cutting thicknesses from 3mm to 155mm thick
- > Strip lengths up to 4m
- > Fast & accurate multiple cutting

### BAND SAW CUTTING SERVICES

- > Boasting a large range of band saws
- > Capable of cutting large range of materials
- > Cutting blocks up to 1300mm wide x 1100mm high
- > Repetition cutting from 12.7Ø to 1100mm Ø
- > Fast & accurate multiple cutting

### CNC GUILLOTINE SERVICES

- > Can achieve tight tolerances -0.00/ + 0.3mm
- > Guillotining thicknesses from 0.5mm to 10mm
- > Materials including: aluminium, brass, copper, mild steel, stainless steel
- > Strip lengths up to 3.66m
- > Fast & accurate multiple cutting

### MATERIAL SOURCING

- > Have a long history of sourcing and supplying specialty metals
- > 50 years of contacts makes us a leader in the field
- > Competitive pricing on orders large & small
- > Can also source internationally for specialised goods



**CALL 08 8259 9444 Australia Wide Delivery**

**SURMAN METALS** is a family-owned business based in Adelaide, South Australia. It was originally established over 60 years ago as a foundry based on Leader Street, Thebarton (right next to the Royal Adelaide Show Grounds) mainly manufacturing cast iron and non-ferrous castings. The business then diversified in 1989 into steel and specialty metal distribution and ceased foundry operations. We are now located at 5 Greenfields Drive Green Fields, just off Salisbury Highway.

Today we stock a large range of materials including aluminium, brass, bronze, copper, cast iron, stainless steels and specialty steels. Specialty metals can be sourced with quick turnaround times. All materials are produced to the applicable Australian and overseas standards. Mill test reports and full traceability available on most materials.

The staff at Surman Metals are committed to providing a quality service. Offering technical expertise, experience, and efficiency in both lead times and prices to our customers. No matter the size of the order, big or small.



# SURMAN METALS

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