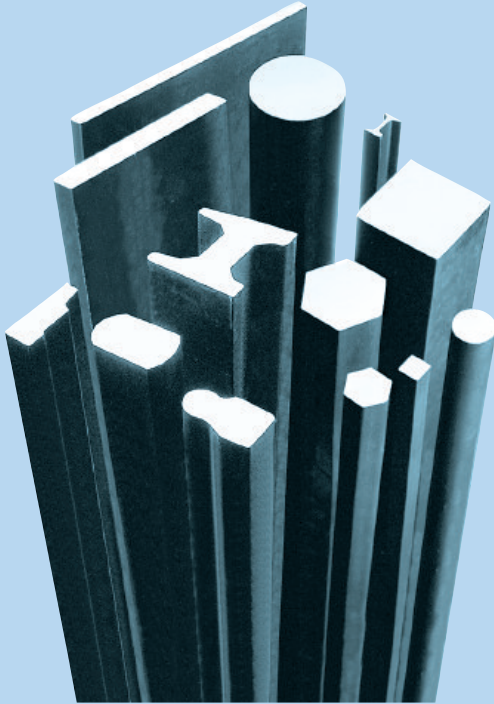


Technical information



Bar Stocks

Bars are not normally sold from stock, but instead are more typically made especially for each customer.

End-Use

The principle end-use is for bright drawing, as well as general engineering and merchant bar applications.

Sizes

Metric and inch sizes are available. Non-standard sizes are our speciality.

Lengths

Bars are only available in lengths, not in coils. Maximum length typically 12,000 mm.

Bar ends

Bar ends are typically cold sheared, but large sizes may be cut with an abrasive disc. Cold sawn ends are also available.

Typical Steel Types

Carbon Low Alloy
Freecutting Boron
Semi-Freecutting
Leaded Freecutting

Dimensional Tolerances

Tolerances to typical national standards can be supplied as plus and minus, all plus, or all minus. Tight tolerances can be considered.

Straightness Tolerances

Tolerances to typical national standards are available. 'Extra-straight' options are available.

Supply condition

Unless specified otherwise, the supply condition is 'as-rolled'. Bars can also be supplied hardened & tempered, annealed, normalised, and stress relieved

De-scaling

Bars can be supplied de-scaled by way of shot-blasting, and supplied dry or lightly oiled.

Minimum order quantity

a) From standard billet stock
Order quantities below 10 tonnes will incur a small-quantity price extra. Where smaller quantities are offered, they will never be less than 3 tonnes.

b) From specially purchased billets
On every occasion, order acceptance is strictly conditional on receipt of a written undertaking to consume specially purchased billets in an agreed timescale.



SALES ENQUIRIES TO:

Acenta Steel Ltd
Peartree Lane,
Woodside, Dudley
West Midlands DY2 0QS, England

Tel: +44 (0) 1384 471 200
Fax: +44 (0) 1384 471 201
email: hotrolled@acentasteel.com
Website: www.acentasteel.com

SQUARES

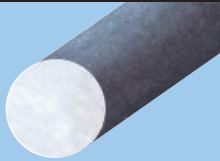
22mm to 132mm
(7/8" to 5")

Sizes above 100mm are only available by special arrangement and may not be suitable for bright drawing.



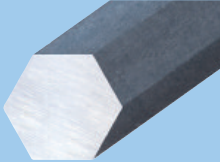
ROUNDS

25mm to 105mm
(1" to 4 1/8")



HEXAGONS

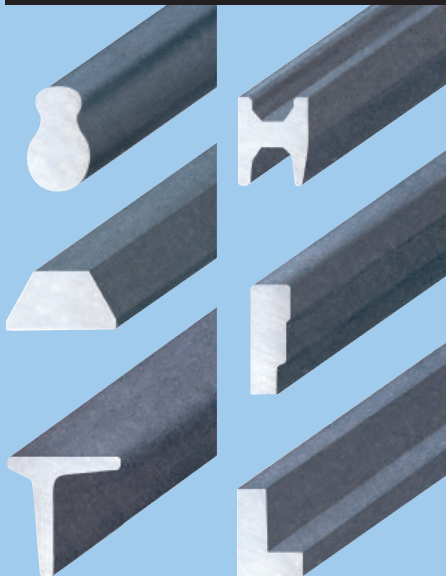
25mm to 103mm
across flats
(1" to 4")



Availability
(Rounds and Hexagons)

Sizes below 50mm (2") are available, but only by special arrangement.

SPECIAL PROFILES



FEATHER EDGE CONVEX

Standard sizes
100mm x 25mm
127mm x 25mm



FLATS




		THICKNESS																				
inches		3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 3/8	2 1/2	2 3/4	3	3 1/8	3 1/4	3 1/2	3 3/4	4	4 1/4		
	mm	20	22	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	
1 1/8	30																					
1 1/4	35																					
1 1/2	40																					
1 3/4	45																					
2	50																					
2 1/4	55																					
2 3/8	60																					
2 1/2	65																					
2 3/4	70																					
3	75																					
3 1/8	80																					
3 1/4	85																					
3 1/2	90																					
3 3/4	95																					
4	100																					
4 1/2	115																					
4 3/4	120																					
	125																					
5	130																					
5 1/2	140																					
6	150																					
6 1/4	160																					
6 1/2	170																					

Sizes

Flats can be produced 'over size' for bright drawing, in which case the sizes in the matrix should be read as finished bright or cold drawn sizes. Intermediate non-standard sizes are a speciality.

Availability

Sizes shown shaded  are only available by special arrangement and may not be suitable for bright drawing.

Shape

Flats are typically supplied with sharp corners, but radius corner, radius edge, round edge, or chamfered edge flats can be specially produced.

HALF ROUND

Standard sizes
40mm x 20mm
50mm x 25mm
60mm x 30mm
76mm x 38mm
100mm x 50mm



RANGE OF SHAPES

The shapes shown on this page only describe examples of what can be produced. Other special shapes can be made available, and we encourage customers to send enquiries for assessment