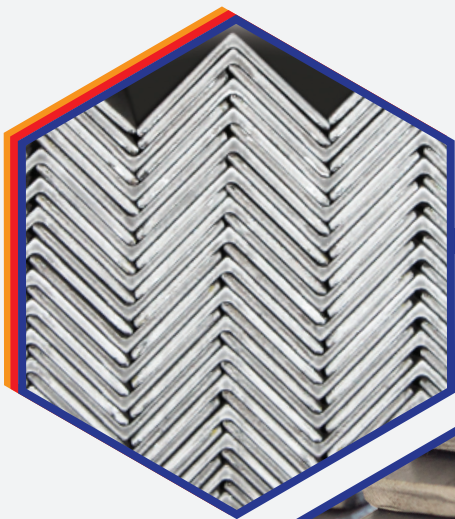
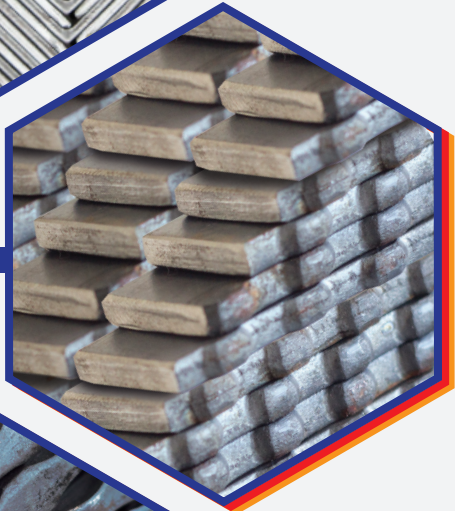
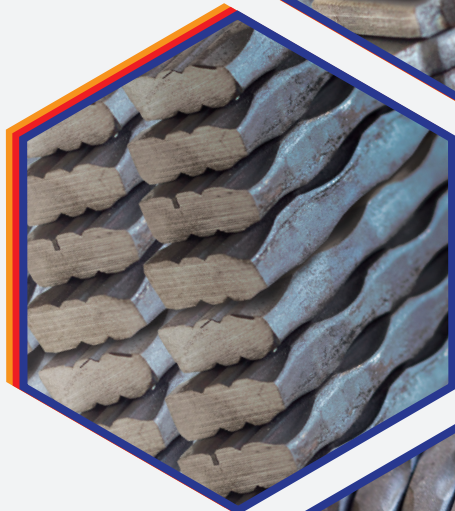




EQUAL ANGLES



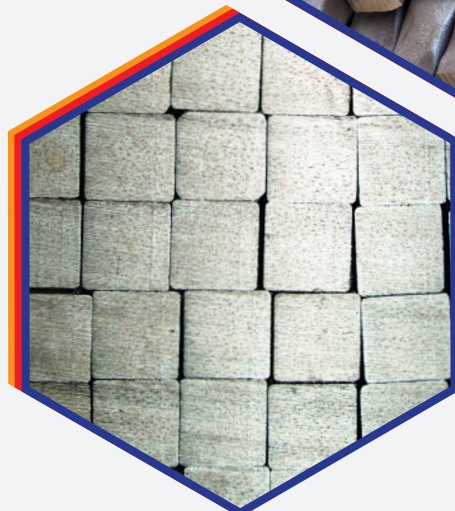
SERRATED FLAT BARS



HAMMERED FLAT BARS

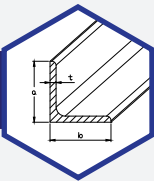


HAMMERED SQUARE BARS



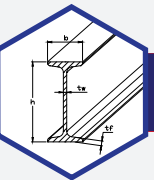
SQUARE BARS

EQUAL ANGLES



DIMENSIONS		THICKNESS	
Size (mm)		min	max
19*19	x	2.10	3.50
20*20	x	2.10	5.00
25*25	x	2.10	6.00
30*30	x	2.10	6.00
35*35	x	2.10	5.00
40*40	x	2.10	6.00
45*45	x	2.70	6.00
50*50	x	2.70	6.00
60*60	x	4.00	8.00
65*65	x	4.50	8.00
70*70	x	4.50	8.00
75*75	x	4.50	10.00
80*80	x	6.00	10.00
90*90	x	6.00	10.00
100*100	x	6.00	12.00
110*110	x	8.00	15.00
120*120	x	8.00	16.00
130*130	x	8.00	16.00
140*140	x	9.00	16.00
150*150	x	9.50	18.00

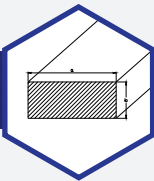
RSJ PROFILES



DESCRIPTION	DIMENSIONS (mm)	KG/M
RSJ 102	101.60 x 44.50 x 6.100 x 4.300	7.5

PLEASE ASK FOR THE FULL SIZE RANGE

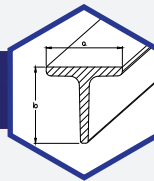
PLAIN FLAT BARS



DIMENSIONS		THICKNESS	
Size (mm)		min	max
10	x	2.50	6.00
11	x	2.50	6.00
12	x	2.50	6.00
14	x	2.50	7.00
15	x	2.79	8.00
16	x	2.70	8.00
18	x	2.70	9.00
19	x	2.70	9.00
20	x	2.70	10.00
25	x	2.70	10.00
30	x	2.70	10.00
32	x	2.70	10.00
40	x	2.70	10.00
50	x	2.80	15.00
60	x	6.00	15.00
65	x	6.00	15.00
70	x	6.00	15.00
75	x	6.00	15.00
80	x	6.00	15.00
90	x	6.00	15.00
100	x	6.00	15.00
120	x	8.00	18.00
130	x	8.00	18.00
140	x	8.00	18.00
150	x	8.00	18.00

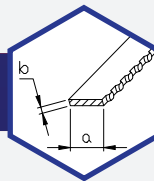
PLEASE ASK FOR THE FULL SIZE RANGE

T BARS



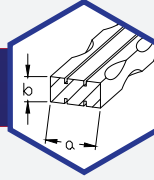
DIMENSIONS (mm)			
WIDTH		THICKNESS	
		min	max
20*20	x	2.70	3.00
25*25	x	2.70	3.00
30*30	x	2.70	4.00
35*35	x	3.00	4.50
40*40	x	3.00	5.00
50*50	x	4.00	6.00

SERRATED FLAT BARS



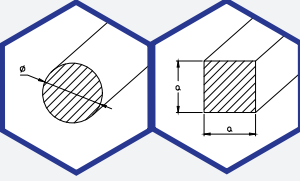
DIMENSIONS (mm)		
WIDTH		THICKNESS
20	x	3 / 4 / 5 / 6
25	x	3 / 4 / 5 / 6
28	x	3 / 4 / 5 / 6
30	x	3 / 4 / 5 / 6
32	x	3 / 4 / 5 / 6
35	x	3 / 4 / 5 / 6
38	x	3 / 4 / 5 / 6
40	x	3 / 4 / 5 / 6
45	x	3 / 4 / 5
50	x	3 / 4 / 5

HAMMERED FLAT BARS



DIMENSIONS (mm)		
WIDTH		THICKNESS
20	x	5 / 6 / 8 / 10
25	x	5 / 6 / 8 / 10
30	x	5 / 6 / 8 / 10
40	x	5 / 6 / 8 / 10

ROUND & SQUARE BARS



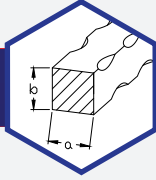
DIMENSIONS (mm)	
ROUND BARS	SQUARE BARS
4.5**	8 x 8
5**	9 x 9
5.5**	9.5 x 9.5
6**	10 x 10
6.5**	11 x 11
7**	11.5 x 11.5
7.5**	12 x 12
8**	13 x 13
9**	14 x 14
9.5**	15 x 15
10**	16 x 16
11*	18 x 18
11.5*	20 x 20
12*	25 x 25
13	30 x 30
14	40 x 40
15	50 x 50
16	
18	
19	
20	
25	
30	

*These sizes are normally hot rolled from steel billet in Commercial Grade however can be supplied as cold rolled in SAE 1006/1008 quality if requested by the buyer

**These sizes of round bars are cold rolled from wire rod in SAE 1006/1008 quality

**Can be supplied as plain or deformed

HAMMERED SQUARE BARS



DIMENSIONS (mm)
11.5 x 11.5
12 x 12
14 x 14



GRADES & QUALITY CERTIFICATES



S 235 JR	S 355 J2
S 235 JO	ST 37-2
S 275 JR	ST 44-2
S 275 JO	ST 52-3
S 275 J2	ASTM A 529 GR 50
SS540	ASTM A 572 GR 50
S 355 JR	ASTM A36
S 355 JO	SS400
44W	DUAL GRADES



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IPE PROFILES

DESCRIPTION	DIMENSIONS (mm)	KG/M
IPE		
IPE 80	80 x 46 x 3,8 x 5,2	6,0
IPE 100	100 x 55 x 4,1 x 5,7	8,1
IPE 120	120 x 64 x 4,4 x 6,3	10,4
IPE 140	140 x 73 x 4,7 x 6,9	12,9
IPE 160	160 x 82 x 5,0 x 7,4	15,8
IPE 180	180 x 91 x 5,3 x 8,0	18,8
IPE 200	200 x 100 x 5,6 x 8,5	22,4
IPE 220	220 x 110 x 9,2	26,2
IPE 240	240 x 120 x 9,8	30,7
IPE 270	270 x 135 x 10,2	36,1
IPE 300	300 x 150 x 10,7	42,2
IPE A		
IPE A 80	78 x 46 x 3,3 x 4,2	5,0
IPE A 100	98 x 55 x 3,6 x 4,7	6,9
IPE A 120	117,6 x 64 x 3,8 x 5,1	8,7
IPE A 140	137,4 x 73 x 3,8 x 5,6	10,5
IPE A 160	157 x 82 x 4,0 x 5,9	12,7
IPE AA		
IPE AA 80	78 x 46 x 3,2 x 4,2	4,9
IPE AA 100	97,6 x 55 x 3,6 x 4,5	6,7
IPE AA 120	117 x 64 x 3,8 x 4,8	8,4
IPE AA 140	136,6 x 73 x 3,8 x 5,2	10,1
IPE AA 160	156,4 x 82 x 4,0 x 5,6	12,31
IPE AA 180	176,4 x 91 x 4,3 x 6,2	14,9
IPE AA 200	196,4 x 100 x 4,5 x 6,7	18,0
IPE AAA		
IPE AAA 80	77,6 x 46 x 3,0 x 4,0	4,7
IPE AAA 100	96,6 x 55 x 3,1 x 4,0	6,0
IPE AAA 120	116,2 x 64 x 3,1 x 4,4	7,4
IPE AAAAA		
IPE AAAAA 80	75,8 x 46 x 2,9 x 3,1	4,0
IPE AAAAA 100	95,8 x 55 x 2,9 x 3,6	5,47
IPE AAAAA 120	115,1 x 64 x 3,0 x 3,85	6,75

PLEASE ASK FOR THE FULL SIZE RANGE

IPE PROFILES

UPN PROFILES

PLAIN FLAT BARS

T BARS

ROUND BARS

UPN PROFILES

DESCRIPTION	DIMENSIONS (mm)	KG/M
UAC		
UAC 40	40 x 20 x 3,0 mm	2,41
UAC 40	40 x 20 x 4,0 mm	2,65
UAC 40	40 x 20 x 5,0 mm	2,87
UAC 50	50 x 25 x 3,0 mm	3,25
UAC 50	50 x 25 x 4,0 mm	3,55
UAC 50	50 x 25 x 5,0 mm	3,86
UAC 60	60 x 30 x 3,0 mm	3,96
UAC 60	60 x 30 x 4,0 mm	4,33
UAC 60	60 x 30 x 5,0 mm	4,71
UAC 60	60 x 30 x 6,0 mm	5,07
UAC 65	65 x 42 x 5,5 mm	7,09
UPN		
UPN 80	80 x 45 x 6,0 mm	8,64
UPN 100	100 x 50 x 6,0 mm	10,6
UPN 120	120 x 55 x 7,0 mm	13,4
UPN 140	140 x 60 x 7,0 mm	16,0
UPN 160	160 x 65 x 7,5 mm	18,8
UPN 180	180 x 70 x 8,0 mm	22,0
UPN 200	200 x 75 x 8,5 mm	25,3
UPN 220	220 x 80 x 9,0 mm	29,4
UPN 240	240 x 85 x 9,5 mm	33,2
UPN 260	260 x 90 x 10 mm	37,9
UPN 280	280 x 95 x 10 mm	41,8
UPN 300"	300 x 100 x 10 mm	46,2"

PLEASE ASK FOR THE FULL SIZE RANGE

U CHANNELS

DESCRIPTION	DIMENSIONS (mm)	KG/M
U CHANNEL / C SHAPE		
3" x 3.5 lbs	76.2 x 34.8 x 3,35 x 6,93	5,2164
3" x 4.1 lbs	76.2 x 35.8 x 4,32 x 6,93	6,1281
3" x 5 lbs	76.2 x 38,0 x 6,55 x 6,93	7,4448
3" x 6 lbs	76,2 x 40,5 x 9,04 x 6,93	8,9135
4" x 4.5 lbs	101,6 x 40,2 x 3,18 x 7,52	6,6851
4" x 5.4 lbs	101,6 x 40,2 x 4,67 x 7,52	8,0526
4" x 6.25 lbs	101,6 x 41,8 x 6,27 x 6,91	9,3187
4" x 7.25 lbs	101,6 x 43,7 x 8,15 x 7,52	10,7874
6" x 8.2 lbs	152,4 x 48,8 x 5,08 x 8,71	12,1548
6" x 10.5 lbs	152,4 x 51,7 x 7,98 x 8,71	15,6493
6" x 13 lbs	152,4 x 54,8 x 11,1 x 8,71	19,3971
8" x 11.5 lbs	203,2 x 57,4 x 5,59 x 9,91	17,118
8" x 13.75 lbs	203,2 x 59,5 x 7,70 x 9,91	20,4606
8" x 18.75 lbs	203,2 x 64,2 x 12,37 x 9,91	27,9054

IPN PROFILES

DESCRIPTION	DIMENSIONS (mm)	KG/M
IPN 80	80 x 42 x 3,9	5,94
IPN 100	100 x 50 x 4,5	8,34
IPN 120	120 x 58 x 5,1	11,1
IPN 140	140 x 66 x 5,7	14,3
IPN 160	160 x 74 x 6,3	17,9
IPN 180	180 x 82 x 6,9	21,9
IPN 200	200 x 90 x 7,5	26,2

PLEASE ASK FOR THE FULL SIZE RANGE



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