

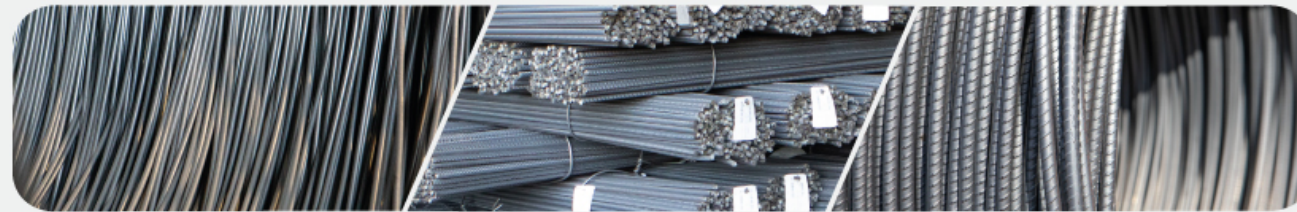


Built : 2022
Location : Aliağa, İzmir / TÜRKİYE
Capacity : 1.200.000 Tons / Year
Target : LOWER CARBON EMISSIONS STEEL PRODUCTION



Grade		Length	Size (mm x mm)
S 275	JR	Billets are produced in lengths of 5,5 meters to 12,50 meters	130 x 130 150 x 150 160 x 160 180 x 180 200 x 200
	JR BORON		
	JR MOD 1		
	JR MOD 2		
S 235	JR MOD 2 BORON		
S 355	JR		
	JR		
	JO		
	J2		

Steels For Welding	Cold Heading And Cold Extrusion Steels	High Carbon Steel
Standarts		
S1	19MnB4	D45
S2	23MnB4	D65
SG2		D72
SG3		D80
SGMo		



Built: 2023 **Location:** Aliağa, İzmir / TÜRKİYE **Capacity:** 700.000 Tons / Year

REINFORCING BARS	Diameter (mm)	Length (meter)	Standard	
	Min 8 mm to Max 32 mm	Min 5 meters to Max 13 meters	TSE	Turkish Standards
			ASTM	American Standards
			BS	British Standards
DEFORMED BAR IN COIL (DBIC)	Diameter (mm)	Compact Coil → Coils are secured with 4 TIES by HORIZONTAL BINDING MACHINE		
	Min 6 mm to Max 16 mm			
PLAIN COIL	Min 5,5 mm to Max 20 mm			

	A (Outer dia)	1100-1250 mm
	B (Inner dia)	900 mm
	C (Length)	1400-1850 mm

STANDARDS		DIAMETER (mm)
EN16120-2	ASTM A 510M	
C7D	AISI 1006	5,5-20
C9D	AISI 1008	5,5-20
C10D	AISI 1010	5,5-20
C12D	AISI 1012	5,5-20
C15D	AISI 1015	5,5-20
C18D	AISI 1017	5,5-20
C20D	AISI 1020	5,5-20
C26D	AISI 1025	5,5-20
C32D	AISI 1030	5,5-20
C38D	AISI 1038	5,5-20
C40D	AISI 1040	5,5-20

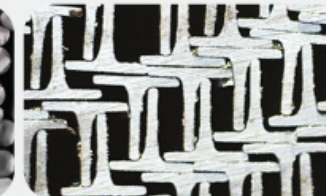
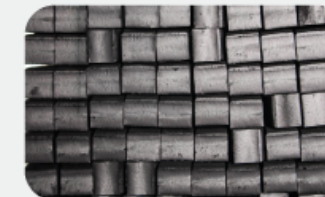
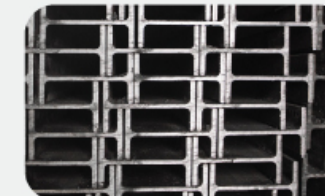
STANDARDS			DIAMETER (mm)
EN10263-3	EN10263-4	ASTM A29/A29M	
	17MnB4 (1.5520)	AISI 10B17	5,5-20
	20MnB4 (1.5525)	AISI 10B20	5,5-20
	27MnB4 (1.5536)	AISI 10B26	5,5-20
	30MnB4 (1.5526)	AISI 10B30	5,5-20
16MnCr5 (1.7131)		AISI 5115	5,5-20
20MoCr4 (1.7321)			5,5-20
	20NiCrMo2-2 (1.6523)	AISI 8620	5,5-20
	38Cr2 (1.7003)		5,5-20
	34Cr4 (1.7033)	AISI 5135	5,5-20
	41Cr4 (1.7035)	AISI 5140	5,5-20
	25CrMo4 (1.7218)	AISI 4130	5,5-20
	42CrMo4 (1.7225)	AISI 4140	5,5-20

STANDARDS				DIAMETER (mm)
DIN8559-1	EN 14341	DIN 17145	AWS Std.	
SG1	G2Si	10 MnSi5 (1.5112)	ER70S-3	5,5
SG2	G3Si1	11 MnSi6 (1.5125)	ER70S-6	5,5
SG3	G4Si1	10 MnSi7 (1.5130)	ER70S-6	5,5
DIN8557-1	EN 14171	DIN 17145	AWS Std.	
S1	S1	RRSD10 (1.0351)	EL12	5,5-8
S2	S2	11Mn4 (1.0494)	EM12	5,5-8
S3	S3	12Mn6 (1.0496)		5,5-8
S2Si	S2Si	11Mn4Si (1.0492)	EM12K	5,5
S2Mo	S2Mo	11MnMo45 (1.542)	EA2	5,5
DIN8557-1	EN ISO 21952	DIN 17145	AWS Std.	
SgMo	G MoSi	10 MnMo45 (1.5424)	ER 70S-A1(ER80S-G)	5,5

STANDARDS				DIAMETER (mm)
EN 16120-2	DIN 17140-1	EN 16120-4	ASTM A 510M	
	D45-2 (1.0517)	C46D2 (1.1162)	AISI 1045	5,5-20
C48D (1.0517)		C48D2 (1.1164)	AISI 1049	5,5-20
C50D (1.0586)	D50-2 (1.0586)	C50D2 (1.1171)	AISI 1050	5,5-20
C52D (1.0588)	D53-2 (1.0588)	C52D2 (1.1202)	AISI 1053	5,5-20
C56D (1.0518)	D55-2 (1.0518)	C56D2 (1.1220)	AISI 1055	5,5-20
C58D (1.0609)	D58-2 (1.0609)	C58D2 (1.1212)	AISI 1059	5,5-20
C60D (1.0610)	D60-2 (1.0610)	C60D2 (1.1228)	AISI 1060	5,5-20
C62D (1.0611)	D63-2 (1.0611)	C62D2 (1.1222)	AISI 1064	5,5-20
C66D (1.0612)	D65-2 (1.0612)	C66D2 (1.1236)	AISI 1065	5,5-20
C68D (1.0613)	D68-2 (1.0613)	C68D2 (1.1232)	AISI 1069	5,5-20
C70D (1.0615)	D70-2 (1.0615)	C70D2 (1.1251)	AISI 1070	5,5-20
C80D (1.0622)	D80-2 (1.0622)	C80D2 (1.1255)	AISI 1080	5,5-20



Built : 1968 (Commissioned new Technology and improved capacity in 2019)
Location : Aliağa, İzmir / TÜRKİYE
Capacity : 700.000 Tons / Year



BEAMS AND CHANNELS

IPE		
Description	Dimensions (mm)	KG/M
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 A 180	177 x 91 x 4,3 x 6,5	15,4
IPE A 200	197 x 100 x 4,5 x 7,0	18,4
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	4,6961
IPE AAA 100	96,6 x 55 x 3,1 x 4,4	5,94
IPE AAA 120	116,2 x 64 x 3,1 x 4,4	7,3644
IPE AAA 140	135,2 x 73 x 3,5 x 4,5	8,96
IPE AAAA		
IPE AAAA 80	75,8 x 46 x 2,9 x 3,1	3,99
IPE AAAA 100	95,8 x 55 x 2,9 x 3,6	5,46
IPE AAAA 120	115,1 x 64 x 3,0 x 3,85	6,73

BEAMS AND CHANNELS

IPN		
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

W-BEAMS (Solar Energy Steel Profile)

Description	Dimensions (mm)	KG/M
W6”X7 lbs/ft	147,07 x 99,19 x 3,49 x 4,06	10,70
W6”X8,5 lbs/ft	148,08 x 100,08 x 4,32 x 4,95	12,76
W6”X9 lbs/ft	149,86 x 100,008 x 4,32 x 5,46	13,57
W6”X10,4 lbs/ft	151,38 x 100,84 x 5,08 x 6,27	15,85
W6”X12 lbs/ft	153,16 x 101,6 x 5,84 x 7,11	17,98
W6”X16 lbs/ft	159,51 x 102,36 x 6,6 x 10,29	24,01

RSJ

Description	Dimensions (mm)	KG/M
RSJ 102	101,60 x 44,50 x 6,100 x 4,300	7,5

UAC (Small UPN)

UAC	Height x Width(mm)	Web Thickness (mm)			
		3 mm	4 mm	5 mm	6 mm
		KG/M			
UAC 40	40 x 20	2,41	2,65	2,87	
UAC 50	50 x 25	3,25	3,55	3,86	
UAC 60	60 x 30	3,96	4,33	4,71	5,1

BEAMS AND CHANNELS

UPN		
Description	Dimensions (mm)	KG/M
UPN 65	65 x 42 x 5,5 MM	7,09
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

C SHAPE CHANNEL / U CHANNEL

Description	Dimensions (mm)	KG/M
3” x 3.5 lbs/ft	76,2 x 34,8 x 3,35 x 6,93	5,2164
3” x 4.1 lbs/ft	76,2 x 35,8 x 4,32 x 6,93	6,1281
3” x 5 lbs/ft	76,2 x 38,0 x 6,55 x 6,93	7,4448
3” x 6 lbs/ft	76,2 x 40,5 x 9,04 x 6,93	8,9135
4” x 4.5 lbs/ft	101,6 x 40,2 x 3,18 x 7,52	6,6851
4” x 5.4 lbs/ft	101,6 x 40,2 x 4,67 x 7,52	8,0526
4” x 6.25 lbs/ft	101,6 x 41,8 x 6,27 x 6,91	9,3187
4” x 7.25 lbs/ft	101,6 x 43,7 x 8,15 x 7,52	10,7874
6” x 8.2 lbs/ft	152,4 x 48,8 x 5,08 x 8,71	12,1584
6” x 10.5 lbs/ft	152,4 x 51,7 x 7,98 x 8,71	15,6493
6” x 13 lbs/ft	152,4 x 54,8 x 11,1 x 8,71	19,3971
8” x 11.5 lbs/ft	203,2 x 57,4 x 5,59 x 9,91	17,118
8” x 13.75 lbs/ft	203,2 x 59,5 x 7,70 x 9,91	20,4606
8” x 18.75 lbs/ft	203,2 x 64,2 x 12,37 x 9,91	27,9054

MERCHANT BARS

Width (mm)		Thickness (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	4.70	8.00
70*70	x	4.70	8.00
75*75	x	5.00	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	17.00
140*140	x	9.00	18.00
150*150	x	9.50	19.00

T-BARS

Width (mm)		Thickness (mm)	
		min	max
25*25	x	2.7	3.20
30*30	x	2.70	4.00
35*35	x	3.00	4.00
40*40	x	3.00	5.00
50*50	x	4.00	6.00

SQUARE BARS

PLAIN SQUARE BARS (mm)	HAMMERED SQUARE BARS (mm)
Min 8 x 8 – Max 50 x 50	11,5 x 11,5
	12 x 12
	14 x 14

Please Ask For The Full Size Range
Inch Sizes Are Also Available

MERCHANT BARS

PLAIN FLAT BARS				
Width (mm)		Thickness (mm)		
		min		max
12	x	2.70	-	6.00
14	x	2.70	-	7.00
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
35	x	2.70	-	10.00
40	x	2.70	-	10.00
40	x	20.00	-	20.00
50	x	2.80	-	20.00
60	x	5.00	-	20.00
65	x	6.00	-	20.00
70	x	6.00	-	20.00
75	x	6.00	-	20.00
80	x	6.00	-	20.00
90	x	6.00	-	20.00
100	x	6.00	-	20.00
120	x	8.00	-	20.00
130	x	8.00	-	15.00
140	x	8.00	-	15.00
150	x	8.00	-	20.00

HAMMERED FLAT BARS			
Width (mm)		Thickness (mm)	
20	x	5 / 6 / 8 / 10	
25	x	5 / 6 / 8 / 10	
30	x	5 / 6 / 8 / 10	
40	x	5 / 6 / 8 / 10	

SERRATED FLAT BARS		
Width (mm)		Thickness (mm)
20 - 40	x	3 / 4 / 5 / 6
45 - 50	x	5 / 6

HOT ROLLED PLAIN ROUND BARS FROM STEEL BILLET		COLD DRAWN PLAIN AND DEFORMED ROUND BARS FROM WIRE ROD IN SAE 1008-1010
Min 8 mm - Max 32 mm		Min 4,5 mm - Max 11 mm

Please Ask For The Full Size Range
Inch Sizes Are Also Available

GRADES	
S 235 JR	ASTM A36
S 235 J0	ASTM A 529 GR 50
S 275 JR	ASTM A 572 GR 50
S 275 J0	ST 37-2
S 275 J2	ST 44-2
S 355 JR	ST 52-3
S 355 J0	44W
S 355 J2	50W
DUAL GRADES	AND OTHERS

ROLLING TOLERANCES

AS PER
EN 10025 – ASTM A6 – DIN 17100

LENGTHS

MIN 1,5 METER – MAX 15 METER
MIN 5 FEET TO MAX 49 FEET

SIZES

METRIC AND INCH

PACKAGING

UNWRAPPED
JUTE WRAPPED

SHIPMENT



TRUCK
CONTAINER
BULK / OPEN VESSEL

WE ALSO PROVIDE

- MATERIALS
- SUITABLE FOR GALVANIZATION
 - GALVANIZED
 - CUT TO LENGTH
 - SANDBLASTED & PAINTED