



# ISHTIAQ

STEEL INDUSTRY

 [ishtiaqsteel.com](http://ishtiaqsteel.com)

## CONTENT

Company Profile	1
MD'S Message	2
Mission Statement	3
Production Process	4
Awards & Achievements	5
Quality Certification	6
Product Range	7
Product Range	8
Equal Angle	9
Channel	10
I.Beam	11
H. Beam	12
Deformed Bar	13
Round Bar / Square Bar	14
Flat Bar	15
Billet / Bloom /Slab	16
Pipe / Sheet	17

## COMPANY PROFILE

Ishtiaq Steel Industry is the largest, and one of the oldest manufacturer of rolled steel section in Pakistan. Initially, the company was involved in the production of mild steel. Gradually, we introduced different products to the local market and diversified our product range.

Keeping with our vision, in 1989 we introduced to the local steel market, for the first time in the history of Pakistan, locally manufactured heavy sections. Before that, manufacturing heavy sections in Pakistan was considered impossible. Heavy sections were being imported at high costs, which was resulting in longer delivery periods, limited variety in terms of sizes, dimensions and lengths, and an outflow of foreign exchange.

Our manufacturing facility occupies 1 million ft<sup>2</sup> area from which 35000 ft<sup>2</sup> is covered. Ishtiaq Steel Industry is the first & only organization in Pakistan registered with PSQCA (Pakistan standards & quality control authority) and manufacture's Beams / Channels according its standards. Ishtiaq Steel industry is Pakistan's largest producer of re-rolled structural steel sections. Along with manufacturing steel products we are also stockist of steel products we are also stockist of steel products which enable us to provide Steel Pipes, Sheet, Plates, Steel Rail, Tubes and bars etc.

Today, Ishtiaq Steel industry has the largest re-rolling capacity in Pakistan. Keeping with our values and vision, we hope to continue providing the best quality of Products and services to our valubale customers as their satisfaction is the ultimate requisite for achieving our growth goals. Working with pace, pride and passion , ishtiaq steel industry will continue to achieve national and international recongnition.





## MISSION STATEMENT

We strive to become the premier steel company in Pakistan. We realize that the key to this lies in prioritizing our client's needs, and we hope to achieve this through exceptional financial and operational performance. The firm recognizes its duty of care towards all its stakeholders including its employees, suppliers and the community at large. The ISO 9001 : 2015 and ISO 14001 : 2004 certifications are a reflection of our efforts.

## OUR VISION

Our vision is to be the benchmark in the steel industry for value creation and quality products

We hope to achieve our vision through:

- Our people; a talented team of professionals, who continue to respond to new challenge with agility, competence and prowess.
- Our offer; by being the sole manufacturers of heavy sections in Pakistan, delivering high quality products and services, thereby creating value for our customers.
- Our conduct; providing a safe work environment and ensuring that our work practices are eco-friendly and environmentally sustainable



## PRODUCTION PROCESS

Ishtiaq Steel Industry introduced the Re-rolled Steel Production locally. From the making of Billet to the selling of the finished products, every facility is under one roof and these processes can be divided as follows:

### **Raw Material:**

We use Billets (ASTM A-36, A572 Grade) as the raw material for Re-rolling. This sole producer for this kind of raw material is Pakistan Steel Mills and we are among the leading buyers of billets and slabs manufactured by Pakistan Steel Mills.

### **Melting / Casting Facility:**

Melting and production of Steel billets is performed by Electric Arc Furnace and Induction Furnace through Continuous Casting Plant.

### **Rolling Process:**

This is perhaps the most important stage of the engine process, where a heated piece of steel is rolled into the required shape and size. The piece is then cut and straightened under the supervision of skilled and qualified engineers.

## TESTING PROCESS

### **Chemical Testing:**

The product produced at different stages of melting & Finish is tested through our Spectrometer Lab.

### **Mechanical Testing:**

We also test our finished product for mechanical properties using universal tensile testing machine and ensure the best mechanical properties for our products.

### **Internal Quality & Inspection:**

We have an internal system of quality control and inspection. Our team of engineers ensure that at every stage we maintain strict quality standards.

### **Selling Process:**

We have employed qualified professionals to provide excellent services to our customers. We provide them the necessary information of our products which helps them in their buying decisions, and in completing their projects successfully.

## AWARDS & ACHIEVEMENTS



ACTING PRESIDENT OF ISLAMIC REPUBLIC OF PAKISTAN MUHAMMAD MIAN SOMROO, BEST ACHIEVEMENT AWARD 2006  
PRESENTED TO IFTIKHAR HUSSAIN  
MANAGING DIRECTOR ISHTIAQ STEEL INDUSTRY.



PRIME MINISTER OF PAKISTAN HONORABLE MR. SHAUKAT AZIZ HONOURS THE MANAGING DIRECTOR OF ISHTIAQ STEEL INDUSTRY  
MR. IFTIKHAR HUSSAIN WITH THE BUSINESSMAN OF THE YEAR AWARD FOR THE YEAR 2007



PRIME MINISTER OF PAKISTAN HONORABLE MR. YOUSAF RAZA GILLANI HONOURS THE MANAGING DIRECTOR OF ISHTIAQ STEEL INDUSTRY  
MR. IFTIKHAR HUSSAIN WITH THE BUSINESSMAN OF THE YEAR AWARD FOR THE YEAR 2008



PRIME MINISTER OF ISLAMIC REPUBLIC OF PAKISTAN SYED YOUSAF RAZA GILANI, HONORS THE MANAGING DIRECTOR OF ISHTIAQ STEEL INDUSTRY.  
MR. IFTIKHAR HUSSAIN WITH THE BUSINESSMAN OF THE YEAR 2009



PRIME MINISTER OF ISLAMIC REPUBLIC OF PAKISTAN SYED YOUSAF RAZA GILANI, BEST ACHIEVEMENT AWARD 2010  
PRESENTED TO ARSALAN IFTIKHAR, DIRECTOR ISHTIAQ STEEL INDUSTRY.



PRIME MINISTER OF ISLAMIC REPUBLIC OF PAKISTAN SYED YOUSAF RAZA GILANI, BEST ACHIEVEMENT AWARD 2011  
PRESENTED TO ARSALAN IFTIKHAR, DIRECTOR ISHTIAQ STEEL INDUSTRY.



PRESENTED TO MR. ARSLAN IFTIKHAR BY CHAUDHRY M. SARWAR GOVT. PUNJAB



## QUALITY CERTIFICATE

Ishtiaq Steel is ISO Certified with both quality management system and environment management system. Also our products are certified with Pakistan standard (PSQCA) Equivalent to ASTM Standard.

Number: 008998

**Pakistan Standards and Quality Control Authority**  
Licence for the use of the Pakistan Standard Mark

License No: 008998/2016

Mr. Ishtiaq Steel Industry

Address: Mehmood Booti, Bund Road, Near Karol Ghati, Lahore

License shall be valid from 15-Jan-17 to 15-Jan-18 and renewable as provided under the Rules.

Signature: [Signature]

Dr. Ishtiaq Steel  
DIRECTOR

Place: Lahore  
Date: 15-Jan-17

PS Mark	Article / Process	Pakistan Standard(s)
1	Structural Steel (I-Beam)	PSQ 476/2007
2	Structural Steel (H-Beam)	PSQ 476/2007

Article / Process	Size	Regulated Per Cent	Mode of Payment
Structural Steel (I-Beam)	10-15%	Through Bank (Cash)	Quarterly
Structural Steel (H-Beam)	10-15%	Through Bank (Cash)	Quarterly

Number: 009243

**Pakistan Standards and Quality Control Authority**  
Licence for the use of the Pakistan Standard Mark

License No: 009243/2016

Mr. Ishtiaq Steel Industry

Address: Mehmood Booti, Bund Road, Near Karol Ghati, Lahore

License shall be valid from 15-Jan-17 to 15-Jan-18 and renewable as provided under the Rules.

Signature: [Signature]

Dr. Ishtiaq Steel  
DIRECTOR

Place: Lahore  
Date: 15-Jan-17

PS Mark	Article / Process	Pakistan Standard(s)
1	Structural Steel (I-Beam)	PSQ 476/2007
2	Structural Steel (H-Beam)	PSQ 476/2007

Article / Process	Size	Regulated Per Cent	Mode of Payment
Structural Steel (I-Beam)	10-15%	Through Bank (Cash)	Quarterly
Structural Steel (H-Beam)	10-15%	Through Bank (Cash)	Quarterly

Number: 009402

**Pakistan Standards and Quality Control Authority**  
Licence for the use of the Pakistan Standard Mark

License No: 009402/2016

Mr. Ishtiaq Steel Industry (Pvt) Ltd.

Address: Mehmood Booti, Bund Road, Near Karol Ghati, Lahore

License shall be valid from 15-Jan-17 to 15-Jan-18 and renewable as provided under the Rules.

Signature: [Signature]

Dr. Ishtiaq Steel  
DIRECTOR

Place: Lahore  
Date: 15-Jan-17

PS Mark	Article / Process	Pakistan Standard(s)
1	Structural Steel (I-Beam)	PSQ 476/2007
2	Structural Steel (H-Beam)	PSQ 476/2007

Article / Process	Size	Regulated Per Cent	Mode of Payment
Structural Steel (I-Beam)	10-15%	Through Bank (Cash)	Quarterly
Structural Steel (H-Beam)	10-15%	Through Bank (Cash)	Quarterly

Number: 009242

**Pakistan Standards and Quality Control Authority**  
Licence for the use of the Pakistan Standard Mark

License No: 009242/2016

Mr. Ishtiaq Steel Industry

Address: Mehmood Booti, Bund Road, Near Karol Ghati, Lahore

License shall be valid from 15-Jan-17 to 15-Jan-18 and renewable as provided under the Rules.

Signature: [Signature]

Dr. Ishtiaq Steel  
DIRECTOR

Place: Lahore  
Date: 15-Jan-17

PS Mark	Article / Process	Pakistan Standard(s)
1	Structural Steel (I-Beam)	PSQ 476/2007
2	Structural Steel (H-Beam)	PSQ 476/2007

Article / Process	Size	Regulated Per Cent	Mode of Payment
Structural Steel (I-Beam)	10-15%	Through Bank (Cash)	Quarterly
Structural Steel (H-Beam)	10-15%	Through Bank (Cash)	Quarterly

**Certificate of Assessment**  
Awarded to

**ISHTIAQ STEEL INDUSTRY**

AT  
MEHMOOD BOOTI, BUND ROAD, NEAR KAROL GHATI, LAHORE

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS requirements for registration of the management system standard detailed below:

**ISO 9001:2015**  
Quality Management Systems

Scope of work  
MANUFACTURE OF ROLLED STEEL PRODUCTS

Certificate No: AQP-10106  
Originally Registered: 30 NOV 2014  
Latest Issue: 26 NOV 2016  
Valid up to: 29 NOV 2017

Quality Registrar Systems

MANAGING OFFICE ADDRESS:  
Quality Registrar Systems  
P.O. Box 50826  
United Arab Emirates

Tel: +971-2-6714302  
Fax: +971-2-6714349  
www.qrsqa.com

**Certificate of Assessment**  
Awarded to

**ISHTIAQ STEEL INDUSTRY**

AT  
MEHMOOD BOOTI, BUND ROAD, NEAR KAROL GHATI, LAHORE

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS requirements for registration of the management system standard detailed below:

**ISO 14001:2004**  
Environmental Management Systems

Scope of work  
MANUFACTURE OF ROLLED STEEL PRODUCTS

Certificate No: AQP-20052  
Originally Registered: 25 MAR 2015  
Latest Issue: 05 APR 2016  
Valid up to: 24 MAR 2017

Quality Registrar Systems

MANAGING OFFICE ADDRESS:  
Quality Registrar Systems  
P.O. Box 50826  
United Arab Emirates

Tel: +971-2-6714302  
Fax: +971-2-6714349  
www.qrsqa.com

This is an accredited certificate authorized for issue by Accreditation Services for Certifying Bodies (ASCBS) issued who have assessed QRS as a Certifying Body for compliance with ISO 17021:2011 Conformity Assessment - Requirements for bodies providing audit and certification of management systems.

This is an accredited certificate authorized for issue by Accreditation Services for Certifying Bodies (ASCBS) issued who have assessed QRS as a Certifying Body for compliance with ISO 17021:2011 Conformity Assessment - Requirements for bodies providing audit and certification of management systems.

## PRODUCT RANGE



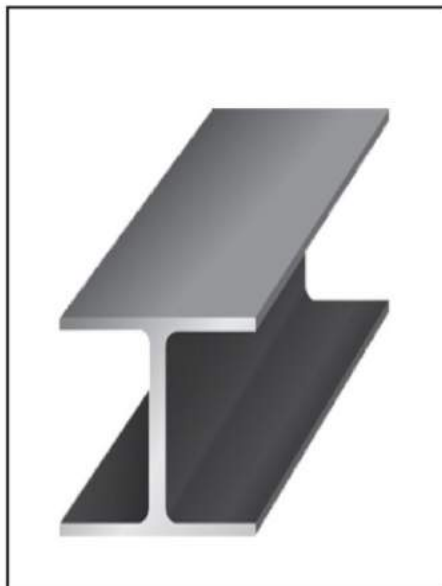
**Equal Angle**



**Channel**



**I Beam**



**H Beam**



**Squar Bar**



**Steel Rail**



## PRODUCT RANGE



**Flat Bar**



**Deformed Bar**



**Round Bar**



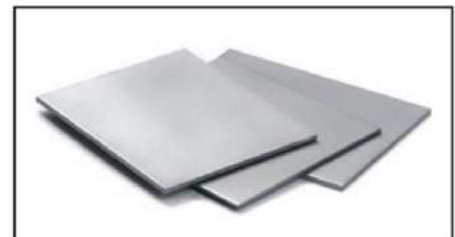
**Galvanized Steel**



**Sheet**



**Pipe**



**Plate**

## EQUAL ANGLE

ASTM A36/A6

ASTM A572

More grades according to demand.



Sizes		Weight	
Inches	mm	Kg/m	Lbs/ft
8 x 8 x 1	203 x 203 x 25.4	76	50
8 x 8 x 7/8	203 x 203 x 22	67	45
8 x 8 x 5/8	203 x 203 x 16	48	32
7 x 7 x 1	177 x 177 x 25.4	66	44
7 x 7 x 7/8	177 x 177 x 22	58	39
7 x 7 x 3/4	177 x 177 x 19	50	34
7 x 7 x 5/8	177 x 177 x 16	42.5	28.5
6 x 6 x 3/4	152 x 152 x 19	43	29
6 x 6 x 5/8	152 x 152 x 16	36	24
6 x 6 x 1/2	152 x 152 x 12.7	29	19.5
6 x 6 x 3/8	152 x 152 x 9.6	22	15
5 x 5 x 5/8	127 x 127 x 16	30	20
5 x 5 x 1/2	127 x 127 x 12.7	24	16
5 x 5 x 3/8	127 x 127 x 9.6	18.3	12.3
4 x 4 x 1/2	101 x 101 x 12.7	19	13
4 x 4 x 3/8	101 x 101 x 9.6	14.5	10
4 x 4 x 5/16	101 x 101 x 8	12	8

Sizes		Weight	
Inches	mm	Kg/m	Lbs/ft
4 x 4 x 1/4	101 x 101 x 6.4	10	6.5
3 1/2 x 3 1/2 x 1/4	89 x 89 x 6.4	8.55	5.75
3 1/2 x 3 1/2 x 5/16	89 x 89 x 8	10.6	7.10
3 1/2 x 3 1/2 x 3/8	89 x 89 x 9.6	12.60	8.45
3 x 3 x 3/8	76 x 76 x 9.6	10.7	7.2
3 x 3 x 5/16	76 x 76 x 8	9	6
3 x 3 x 1/4	76 x 76 x 6.4	7.4	5
3 x 3 x 3/16	76 x 76 x 5	5.5	3.7
2 1/2 x 2 1/2 x 3/8	63 x 63 x 9.6	8.8	6
2 1/2 x 2 1/2 x 5/16	63 x 63 x 8	7.4	5
2 1/2 x 2 1/2 x 1/4	63 x 63 x 6.4	6	4
2 1/2 x 2 1/2 x 3/16	63 x 63 x 5	4.6	3
2 x 2 x 1/4	50 x 50 x 6.4	4.6	3
2 x 2 x 3/16	50 x 50 x 5	3.7	2.5
2 x 2 x 1/8	50 x 50 x 3.2	2.5	1.7
1 3/4 x 1 3/4 x 3/16	45 x 45 x 5	3.2	2.1
1 3/4 x 1 3/4 x 1/8	45 x 45 x 3.1	2.13	2.3
1 1/2 x 1 1/2 x 1/4	38 x 38 x 6.4	3.5	1.43
1 1/2 x 1 1/2 x 3/16	38 x 38 x 5	2.8	1.9
1 1/2 x 1 1/2 x 1/8	38 x 38 x 3.2	1.8	1.2
1 1/4 x 1 1/4 x 3/16	31 x 31 x 5	2.2	1.5





## CHANNEL

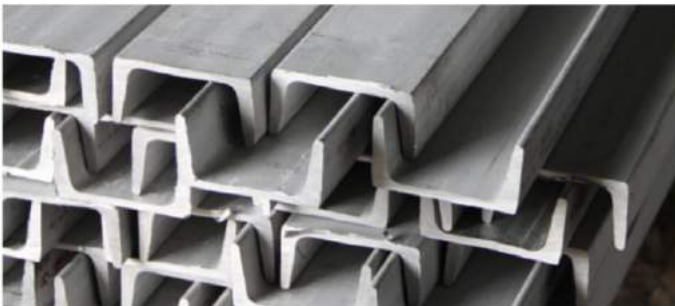
ASTM A36/A6

Q235, S235JR

More grades according to demand.



Item Description	Thickness			Weight	
	Web (mm)	Flange (mm)	Radius (mm)	Kg / Mtr	Lbs / Ft
"12 x 4" Inches 300mm x 100mm	Tw=9	T1=11 T2=14 T3=15	R=15	46	31
"10 x 3 1/2" Inches 250mm x 88mm	Tw=10.5	T1=11.5 T2=12 T3=12.5		37	25
"10 x 3 1/2" Inches 250mm x 88mm	Tw=9	T1=8.5 T2=9 T3=10	R=15	25	17
"10 x 3 " Inches 250mm x 75mm	Tw=9	T1=9 T2=9.5 T3=10		27	18
"8 x 3 " Inches 200mm x 75mm	Tw=9	T1=8.5 T2=9 T3=10	R=7.5	25	17
"8 x 3 " Inches 200mm x 75mm	Tw=9	T1=8.5 T2=9 T3=10	R=7.5	18	12
"7 x 3 " Inches 175mm x 75mm	Tw=7	T1=8 T2=10 T3=11	R=7	21	15
"7 x 3 " Inches 175mm x 75mm	Tw=7	T1=8 T2=10 T3=11	R=7	16	10
"6 x 3 " Inches 150mm x 75mm	Tw=7.5	T1=8 T2=9 T3=10	R=7	19	13
"6 x 3 " Inches 150mm x 75mm	Tw=7.5	T1=8 T2=9 T3=10	R=7	15	10
"5 x 2 1/2 " Inches 125mm x 63mm	Tw=6.5	T1=6 T2=7 T3=8	R=6.5	15	10
"5 x 2 1/2 " Inches 125mm x 63mm	Tw=5	T1=5 T2=6 T3=7.5	R=6	11	8
"4 x 2 " Inches 100mm x 50mm	Tw=6	T1=6 T2=7 T3=8	R=5	11	7
"4 x 1/2 " Inches 100mm x 50mm	Tw=4.5	T1=4.5 T2=6 T3=8	R=4.5	8	6
"4 x 1/2 " Inches 100mm x 50mm	Tw=4	T1=4 T2=5 T3=6	R=4.5	7	4.5
"3 x 1 1/2 " Inches 75mm x 38mm	Tw=5.5	T1=6	R=4.5	7	5







## I.BEAM

ASTM A 36 / A6

More grades according to demand.

Item Description	Thickness			Weight	
	Web (mm)	Flange (mm)	Radius (mm)	Kg / Mtr	Lbs / Ft
"18 x 7" Inches 450mm x 175mm	Tw=14	T1=18.5 T2=21 T3=24	R=20	115	77
"16 x 6" Inches 400mm x 150mm	Tw=13	T1=18 T2=21 T3=24	R=18	89	60
"14 x 6" Inches 350mm x 150mm	Tw=12	T1=13 T2=16 T3=17	R=14	76	51
"12 x 6 " Inches 300mm x 150mm	Tw=10	T1=9 T2=9.5 T3=10	R=12	54	36
"12 x 5 " Inches 300mm x 125mm	Tw=9	T1=10 T2=12 T3=13	R=11	48	32
"10 x 5 " Inches 250mm x 125mm	Tw=9.5	T1=10 T2=11 T3=13	R=11	41	28
"8 x 4 " Inches 200mm x 100mm	Tw=8	T1=8 T2=9 T3=11	R=8.5	27	18
"8 x 4 " Inches 200mm x 100mm	Tw=8	T1=8 T2=10 T3=11	R=8.5	23	15
"6 x 3 " Inches 150mm x 75mm	Tw=6.5	T1=7 T2=8 T3=10	R=5.5	17	11



## H.BEAM

ASTM A 36 / A6

More grades according to demand.



Item Description	Thicknessess			Weight	
	Web (mm)	Flange (mm)	Radius (mm)	Kg / Mtr	Lbs / Ft
"10 x 10" Inches 250mm x 250mm	Tw=13	Tf=14.5	R=19	82	55
"8 x 8" Inches 200mm x 200mm	Tw=9	Tf=11	R=16	53	36
"6 x 6" Inches 150mm x 150mm	Tw=9	Tf=10	R=13	33	22
"5 x 5 " Inches 125mm x 125mm	Tw=7	Tf=7	R=11	24	16
"4 x 4 " Inches 100mm x 100mm	Tw=8	Tf=9	R=10	20	14





## DEFORMED STEEL BAR

ASTM A615 G40/60



Standard Size (mm) Length: 12M	Weight kg/m
10	0.617
12	0.888
14	1.21
16	1.58
18	2.0
20	2.47
22	2.98
25	3.856
28	4.84
32	6.31
36	7.99
40	9.87





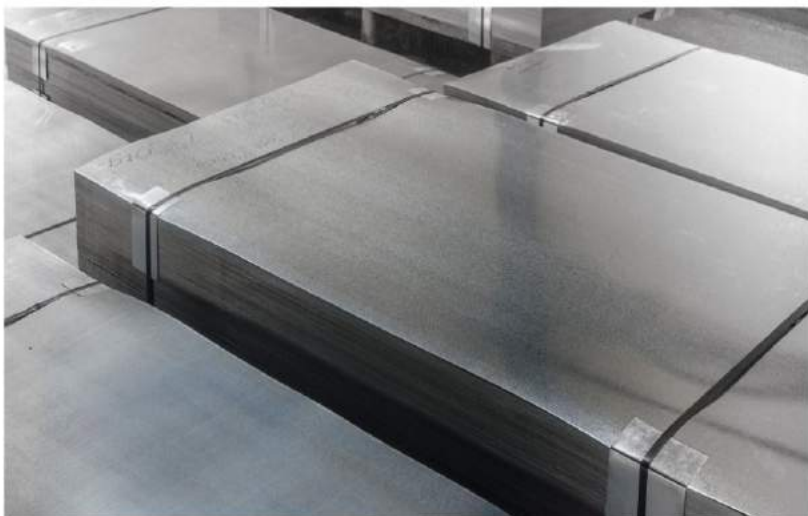
## ROUND BAR / SQUARE BAR

6mm - 50mm Polished  
Length 3mtr - 8mtr  
6mm - 250mm Non-Polished  
Length 3mtr - 10mtr



## PLATE

**Thickness:** 3mm - 75mm (On Demand)  
**Width:** 120mm & Above  
**Length:** 2240mm & Above



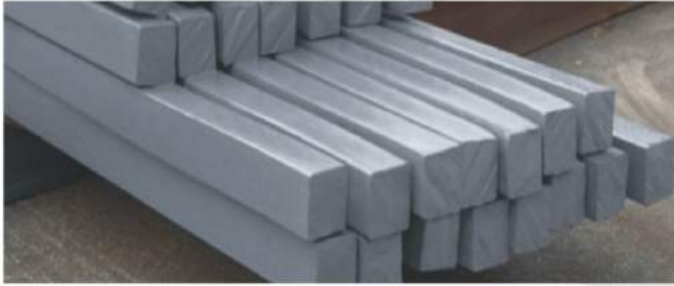
## FLAT BAR / WIDE FLAT BAR

Width (mm)	Thickness (mm)										
	3	5	6	8	10	12	15	16	20	25	30
Mass (Kg/m)											
20	0.47	0.78		1.26							
25		0.98		1.57	1.96						
30		1.18		1.88	2.35						
35		1.37		2.20	2.75						
40		1.57		2.51	3.14	3.77		5.02	6.28		
45		1.77		2.82	3.53	4.24		5.65	7.07		
50		1.96		3.14	3.92	4.74		6.28	7.85		
60		2.36	2.83	3.77	4.71	5.65	7.07	7.53	9.42	11.80	14.10
65		2.55	3.06	4.08	5.10	6.12					
70		2.75	3.30	4.40	5.50	6.59		8.79	10.99		
76			3.53	4.71	5.89	7.07	8.83				
80		3.14	3.787	5.02	6.28	7.45		10.05	12.60		
90			4.24	5.65	7.07	8.48		11.30			
100		3.93	4.71	6.28	7.85	9.42	11.80	12.30	15.70	19.60	23.60





## BILLET / BLOOM / SLAB



### Size:

80x80 mm, 100x100, 120x120, 125x125  
150x150, 160x160, 200x200, 200x220  
200x272, 200x292, 200x317, 200x325  
200x375

### Grade:

ASTM A36, A572, Q235, S275JRG2

More Sizes & Grades are available according to requirement.



## GALVANIZED STRUCTURE STEEL

### Product:

Angle, Chanel, I Beam, H Beam, Flat Bar, Hollow Section, More Products on Demand.

### Steel Grade:

Q325, S275JR, S355JR, ASTM A36, ASTM A572  
More Grades According to required.

Hot Dipped Galvanized

**Zinc Coating:** Customized under standard  
**Coating Thickness:** 60- 100 Micron  
More Coating Thickness According to Demand.





## PIPE

6mm - 50mm Polished

Length 3mtr - 10mtr

6mm - 50mm Non-Polished

Length 3mtr - 10mtr

More sizes according to demand.



## SHEET

**Thickness:** 0.3mm - 10mm

**Width:** 1200mm & Above

**Length:** 2440mm / Core





The First Organization to  
Manufacture Heavy Section in Pakistan



**Factory Details:**

Mehmood Booti, Band Road, Near  
Karol Ghati, Lahore.

Tel: (+92-42) 36885460-65, 35008411, 37061727

Fax: (+92-42) 36885466

**Sale Depot Details:**

43-B, Peco Road, Badami Bagh, Lahore.

Tel: (+92-42) 37603432, 37601570, 37280942

Fax: (+92-42) 36276426

E-mail: ishtiaq\_steel@yahoo.com