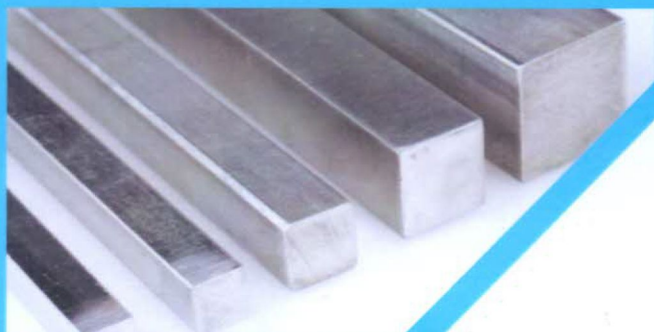
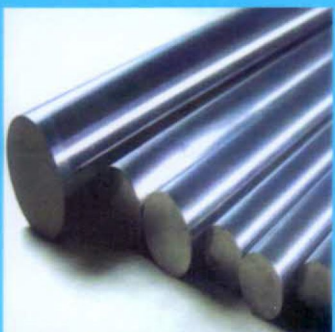
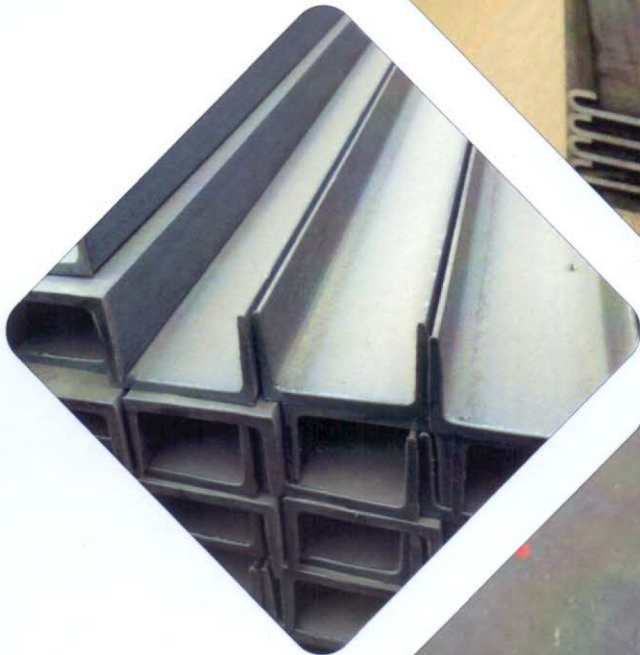




Inter Trade



MEETING GLOBAL EXPECTATIONS

Born in India, Inter Trade, is a front-running enterprise that spreads aspiring wings to respond to global demands since 1994. The company is now operating in different verticals, namely:

- Metal Beam Crash Barrier
- High Mast,
- Bright Bars, Rounds, Squares, Flats
- Steel Tubes, Pipes & Poles
- Pole line hardware fittings
- Z Sheet Piles
- Mild Steel Beams
- Mild Steel Channels, Angles
- Fasteners

Inter Trade products have successfully found market in **Greece, South Africa, UAE** and many more as well as in neighbouring countries such as **Myanmar, Bangladesh, Sri Lanka and Nepal.**

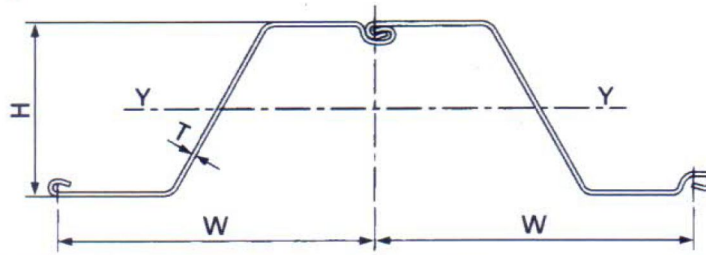




Z Pile Sheet



Product Description



Type	S=Single D= Double	Thickness	Single pile c/c Width (W) mm	Height	Weight	Moment of Inertia (I) cm ⁴	Section Modulus (s) cm ³
ITZ601	Per S	6	690	390	51.3	16944.6	869
	Per D		1380		102.6	33904.0	1739
	Per m of wall				74.3	24568.1	1260
ITZ801	Per S	8	690	390	68.3	22347.9	1146
	Per D		1380		136.5	44714.2	2293
	Per m of wall				98.9	32401.6	1662
ITZ802	Per S	8	695	392	68.6	22723.4	1159
	Per D		1390		137.3	45474.0	2320
	Per m of wall				98.8	32715.1	1669
ITZ101	Per S	10	690	390	85.1	27579.9	1414
	Per D		1380		170.2	55182.1	2830
	Per m of wall				123.3	39987.0	2051
ITZ102	Per S	10	695	392	85.6	28045.4	1431
	Per D		1390		171.1	56123.8	2863
	Per m of wall				123.1	40376.8	2060
ITZ121	Per S	12	695	392	103.4	33267.6	1697
	Per D		1390		206.8	66584.1	3397
	Per m of wall				148.8	47902.2	2444

Tolerance

Characteristics	Figure	Nominal size (mm)	Tolerances (mm)
Sectional Height (h)		350 < h < 400	±8
Sectional Width (w)		Single Pile	±2%
		Double Piles	±3%
Sectional Thickness (t)		6 < t < 8	±0.35
		8 < t < 10	±0.40
		10 < t < 12	±0.46
Bending Deflection			0.25%
Curving Deflection		0.25%	
Twist Deflection		2%	
Length (l)		±50	

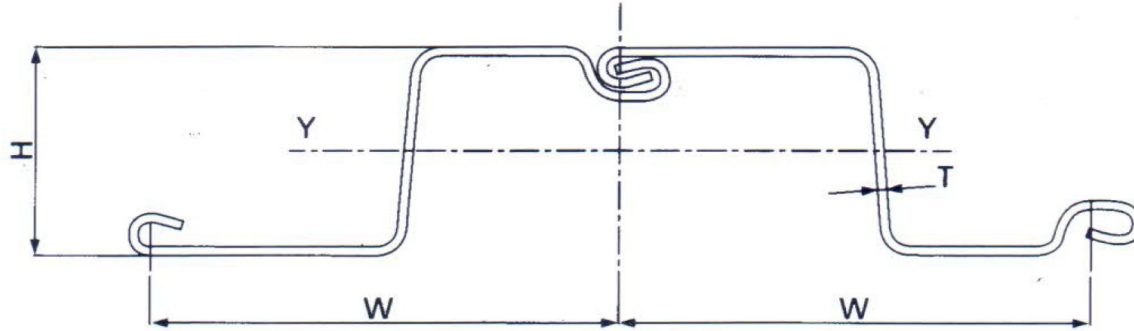




Z Pile Sheet



Product Description



Type	S=Single D= Double	Thickness	Single pile c/c Width (W) mm	Height	Weight	Moment of Inertia (I) cm ⁴	Section Modulus (s) cm ³
ITZ07C	Per S	7	400	185	41.2	2926.8	325
	Per D		800		82.4	5853.7	650
	Per m of wall				103.0	7317.1	813
ITZ08C	Per S	8	400	185	46.8	3290.6	366
	Per D		800		93.7	6581.2	732
	Per m of wall				117.1	8226.5	915
ITZ10A	Per S	10	850	200	92.9	856.2	787
	Per D		1700		185.8	1712.4	1573
	Per m of wall				109.3	1007.3	925

Tolerance

Characteristics	Figure	Nominal size (mm)	Tolerances (mm)
Sectional Height (h)		150 < h < 200	±4
Sectional Width (w)		Single Pile	±2%
		Double Piles	±3%
Sectional Thickness (t)		6 < t < 8	±0.35
		8 < t < 10	±0.40
Bending Deflection			0.25%
Curving Deflection			0.25%
Twist Deflection		2%	
Length (l)		±50	

Steel Grade

Grade	min. Yield point n/mm ²	min. Tensile Strength /mm ²	min. Elongation%	India	UK	USA
ST52-3	355	490	22	IS:961	BS4360 gr. 50b	astm a633

Chemical Composition

Nominal thickness = <30(mm) CEV max = 0.45

C	Si	Mn	P	S	N	Cu	CEV
max 0.24	max 0.55	max 1.6	max 0.04	max 0.04	max 0.012	max 0.55	max 0.47


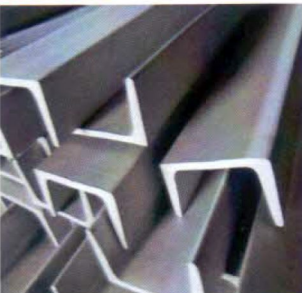

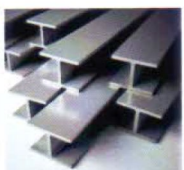


25 YEARS OF SERVICE TO WORLD TRADE

Mild Steel Channel, Angle, I-Beam, H-Beam



Product Description

Description	Dimensions (mm)	Section Wt. (kg/m)	Length (mtr)
Angles 	40 x 40 x 4 / 5 / 6 45x45x4/5/6 50x50x4/5/6 55x55x4/5/6 60x60x4/5/6/8 65x65x6/8 75x75x6/8/10 90x90x6/8/10/12 100x100x6/8/10/12 110x110x8/10/12 130x130x10/12/16 150x150x10/12/16/20 200x200x16/20/25	2.4/3.0/3.5 2.7/3.4/4.0 3.0/3.8/4.5 3.3/4.1 /4.9 3.7/4.5/5.4/7.0 5.8/7.7 6.8/8.9/11.0 8.2/10.8/13.4/15.8 9.2/12.1/14.9/17.7 13.4/16.6/19.7 19.7/23.5/30.7 22.9/27.3/35.8/44.1 48.5/60.0	6 to 13
Channels 	75x40 100x50 125x65 150x75 175x75 200x75 250 x 82 300 x 90 400x100	7.14 9.56 13.1 16.8 19.6 22.3 34.2 36.3 50.1	6 to 13
I-Beams 	125x65 150x75 175x85 200x100 225x110 250x125 300x140 350x140 400x140 450x150 500x180 600x210	13.3 15.0 19.6 24.2 31.1 37.3 46.0 52.4 61.5 72.4 86.9 123.0	6 to 13
H-Beams 	100x100 150x150 152x152 200 x 200	20.0 27.1 37.1 60.3	6 to 13

Apart from standard dimensions, customized products can also be rolled out economically and quickly.

• Common grades as per IS 2062:2006 • Dimensional tolerance as per IS 808:1999 • Rolling and Cutting tolerance as per IS 1852:1998



YEARS OF SERVICE TO WORLD TRADE

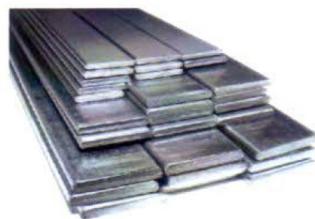


Bright Bars



Product Description

Rounds		Flats				Squares		Hexagonals	
MM	INCHES	MM	MM	INCHES	INCHES	MM	INCHES	MM	INCHES
6	3/8"								
12	1/2"	25x6	40x25	3/4"x 1/2"	2-1/2" x 3/8"	12	1/2"	16	5/8"
14	5/8"	25x8	40x30	1"x1/4"	2-1/2"x 1/2"	14	5/8"	17	3/4"
15	11/16"	25x10	40x32	1"x3/8"	2-1/2" x 5/8"	16	3/4"	18	7/8"
16	3/4"	25x12	50x6	1 x 1/2"	2-1/2"x 3/4"	20	7/8"	19	1"
18	7/8"	25x15	50x8	1" x 5/8"	2-1/2" x1"	22	1"	22	1-1/8"
20	1"	25x16	50x10	1"x3/4"	2-1/2"x 1-1/4"	24	1 1/8"	24	1-1/4"
22	1-1/8"	25x20	50x12	1-1/4" x 1/4"	2-1/2"x 1-1/2"	25	1 1/4"	27	1-1/2"
25	1-1/4"	30x12	50x16	1-1/4" x3/8"	3" x 3/8"	26	1 1/2"	28	1-3/4"
28	1-3/8"	30x16	50x20	1 -1/4" x 1/2"	3- x 1/2"	28	1 3/4"	30	2"
30	1-1/2"	30x20	50x25	1-1/4" x 5/8"	3" x 5/8"	30	2"	32	
32	1-5/8"	30x25	50x30	1-1/4"x 3/4"	3" x 3/4"	32	2 1/4"	36	
36	1-3/4"	32x6	50x32	1-1/4" x 1"	3"x1"	36	2 1/2"	40	
38	1-7/8"	32x10	50x40	1-1/2"x1/4"	3" x 1-1/2"	40		41	
40	2"	32x12	51 x38.3	1-1/2" x 3/8"	4"x 1/2"	45		46	
42	2-1/8"	32x16	60x40	1-1/2"x 1/2"	4"x 5/8"	50		50	
45	2-1/4"	32x20	75x10	1-1/2" x 3/4"	4"x1"	60		55	
50	2-1/2"	32x25	75x12	1-1/2" x 1"	4" x 1-1/4"	63			
56	3"	35x8	75x16	1-1/2" x 1-1/4"	4" x 1-1/2"				
60	3-1/4"	35x15	75x20	2"x1/4"					
65	3-1/2"	35x25	75x25	2"x 3/8"					
70	4"	40x6	80x25	2" x 1/2"					
75		40x8	100x20	2" x 5/8"					
80		40x10		2" x 3/4"					
85		40x12		2"x1"					
90		40x16		2" x 1-1/4"					
95		40x20		2" x 1-1/2"					
100									



Apart from standard dimensions, customized products can also be rolled out economically and quickly.



25 YEARS OF SERVICE TO WORLD TRADE

Metal Beam Crash Barrier



Product Description

W Beam

1. Single Side Single Barrier
2. Single Side Double Barrier
3. Double Side Single Barrier
4. Double Side Double Barrier



- Cold roll formed in thickness 3mm/2.8mm/2.67mm
- Raw materials conforming to IS 5986/2062/10748.
- Fe360/Fe410/Fe510
- Hot deep galvanised to 550 gsm/sq.m
- Overall length 4318mm/3318mm/as per customised drawing
- Effective Length: 4000mm/3000mm
- Width: 311mm

Thrie Beam

1. Single Side Single Barrier
2. Single Side Double Barrier
3. Double Side Single Barrier
4. Double Side Double Barrier



- Thickness 3mm/2.8mm/2.67mm
- Raw materials conforming to IS 5986/2062/10748
- Hot deep galvanised to 550 gsm/sq.m
- Overall length 4318mm / 3318mm / as per customised drawing
- Effective Length: 4000mm/3000mm
- Width: 506mm

W-BEAM & THRIE BEAM

- Raw Material conforming to IS 5986:2011 Grade: Fe 410 equivalent IS 10748:2004 & IS 2062:2011
- Hot dip Galvanized-Min. 550 gm/m² conforming to "MORTH" & "AASHTO M180"

Type	Effective Length in mm	Overall Length in mm	Bare Sheet Thickness in mm	No. of Slot 23x29 mm	No. of Slot 19x65 mm
*W-Beam	4000	4318	2.8	16	3
W-Beam	4000	4318	3	16	3
W-Beam	6000	6318	3	16	5
*Thrie Beam	4000	4318	2.8	16	3
Thrie Beam	4000	4318	3	16	3
Thrie Beam	6000	6318	3	16	5



Lighting High Mast



Product Description

MATERIAL: Shaft– High tensile sheet/Plate Equivalent to BSEN 10025 : 2004 / IS 2062 : 2011 Gr.E350BR / IS 5986 : 2011 Gr 355, Base Plate- As per IS 2062 : 2011 Gr.E250A, Foundation Bolt- IS 1367 : 1994 / IS 2062 : 2011 Gr.E250A

GALVANIZING: As Per IS 4759 : 1996 / IS 2629 : 1985 / BSEN ISO 1461 : 2009

WIND SPEED: As per IS 875 (Part-3):2015/As per customer requirement

DESIGN: As Per IS 875 Part-3:2015, IS 800 : 2007 / IS 6533:1989 (P-2) / BS 5649 : 1985 / EN 40, ILE TR-7:2000.

WELDING: As per IS 10178 : 1995/ IS 9595 : 1996

DESIGN SAFETY FACTOR: As per ILE TR 7:2000.

Motor: As per IS 325:1996 (3PH A.C., 415V, 4/6 Pole, 1HP to 3HP)

Winch: 350KGS, 500 KGS, 750 KGS (SGDD/DGDD) & 1500 KGS (DGDD).

Wire Rope: Stainless Steel 6MM, 8MM, AISI 316, 7/19 Construction.

Trilling Cable: As per IS 9968/P-1:1988 [2.5sq 5/8core, 4sq 5/8core, EPR Insulated, PCP Sheathed.

Wiring Cable: As per IS 694:1990

Pulley: LM 6 with Self- lubricating PB bush.

Hardware: Stainless Steel

Feeder Pillar Box: As per customer requirement

Tolerances: As per BS 5649 : 1978/EN 40, IS 1852: 1985

TECHNICAL DETAILS OF LIGHTING MAST

Sr. No.	Total Height (mtr.)	Outer Across Flat		Segment		Base Plate		Foundation Bolt			Luminary		Wind Speed
		Top	Bottom	Length	Thk.	OD	Thk.	Size	Qty.	P.C.D.	No.	Arrangement	
1	10	100	310	10000	3	470	20	M24 X 750	6	390	6	Sym.	50
2	12.5	150	340	6500	3/3	540	25	M24 X 750	6	440	8	Sym.	50
3	12.5	150	360	6500	4/3	540	32	M30 X 850	6	460	12	Assym.	50
4	15	150	360	7750	4/3	540	25	M30 X 850	8	445	9	Sym.	50
5	16	150	360	8250	3/3	520	25	M24 X 750	8	440	8	Sym.	50
6	16	150	460	8300	4/3	670	30	M30 X 850	12	590	10	Assym.	50
7	20	150	410	10300	4/3	570	30	M30 X 850	8	490	12	Sym.	50
8	20	150	460	10300	4/3	670	30	M30 X 850	12	590	9	Assym.	50
9	25	150	540	8800	5/4/4	740	32	M30 X 850	12	650	12	Sym.	50
10	25	200	540	8800	5/4/4	750	34	M30 X 1200	12	650	12	Assym.	50
11	30	150	600	10500	5/4/4	840	34	M30 X 850	12	730	16	Sym.	50
12	30	200	610	10500	6/5/4	840	36	M30 X 1200	16	740	12	Assym.	50
13	40	200	740	11000	8/6/5/4	950	40	M33 X 1200	16	850	24	Sym.	50
14	40	250	780	11000	8/6/5/4	980	40	M39 X 1200	20	880	18	Assym.	50
15	45	250	800	12000	8/6/5/5	1000	45	M33 X 1200	20	900	16	Sym.	50



25 YEARS OF SERVICE TO WORLD TRADE



Lighting High Mast



Product Description

Lighting Mast: Manufacturing range from 10m to 40m

Street Lighting pole: Manufacturing range starts from 3m and can be manufactured as required by the customer and locations

Decorative Lighting Pole: The manufacturing range starts from 3m and can be manufactured as per customers' requirement.

Camera pole: Can be manufactured as per Customer's requirement.

Distribution pole: Can be manufactured as per customers' requirement

Flat Mast: Manufactured as per Customers' requirement.

Smart Pole: Can be designed as per technological requirement with arrangement for fixing all types of electrical and electronic devices.





Fastners & Pole Line Hardware



Product Description

			
2575 Steel J Hook	Flat washer	Fuel house clips	Galvd square washers
			
Medium Split Lock Washer	Nickle Alloy Nut n Bolt	Pu bolt	Reinforcing Strap
			
Round Flatwasher	Spring Washer	Standard Eyelet	Washer - Curved
			
Nut	Washer		



YEARS OF SERVICE TO WORLD TRADE

A quality leader in
Customized Rolled Products
and Bright Bars through
continuous improvement of products
and motivation of personal
and an uncompromising commitment
to customers needs.





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