



AZ PIPE INDUSTRIES (PVT) LTD.

We'll see it through



Product Catalogue

Manufacturing Quality Galvanized MS Pipes



AZ PIPE INDUSTRIES (PVT) LTD.



WHO WE ARE?

A.Z Pipe Industries (Pvt.) Limited, is professional and leading manufacturer of Steel Pipes and Tubes in Pakistan. Company is incorporated with (SECP) Security Exchange Commission of Pakistan. Our Quality Management System has certified to confirm with ISO 9001:2008. Production lines are equipped with modern technology that enables it to produce quality products. The Company is specialized in Manufacturing / Exporting and Supplying of MS Pipes, GI Pipes, Tubes, Rectangular & Square Hollow Section, High-Medium-Low pressure Boiler Tubes and others Tubular products.

Our products are used in a wide range of applications from major Mining, Sugar, Chemical, Fertilizer, Cement, and others Industries, High-Medium-Low pressure boiler tubes, Power Generation, and all kind of industrial infrastructure, Gas, Petroleum line pipe and Water Supply networks, Our products are according to standard ASTMJIS, DIN, EN, BS, ISO&PS.

The Mild Steel Pipes made are available size from 1/2 inches in various thicknesses by company are remarkable for their tensile strength. While manufacturing of any kind of pipe, we ensure best quality product only through the most branded & renowned companies in the sector. As a result, we are identified as one of the stupendous Round Mild Steel Pipe Supplier based in Pakistan.

A.Z Pipe Industries (Pvt) Limited, manufactures Hot rolled and Cold rolled ERW Rectangular & Square hollow steel tubes and conduits. Which are widely used in Furniture. Building, Steel houses, Construction Industry etc. In order to ensure the mentioned properties in our product, we used high grade prime, soft mild steel coils in their manufacturing. These raw input are import from our reliable vender. We are Exporting wide range of HR, & CR tubes, conforming to various National and International standards.

Hot Dipped Galvanized Iron (GI) Pipe are manufacturers in accordance to BS, ASTM standards. A.Z Pipe Industries (Pvt) Limited concentrate its attention on each stage of the manufacturing, galvanizing, and finishing process, Best quality control and inspection maintain standard of its product. Customer's satisfaction is our main object.

In order to achieve long term vision A.Z Pipe Industries (Pvt) Limited has been actively pursuing new opportunities for organic and in organic growth. The company itself dedicates to providing quality products and efficient services. The customers mainly are local or abroad have been maintained on a long-term and close business relationship. Excellent product and efficient services have long the hallmark of the company.



MS Pipe Sch-10, Sch-20, Sch-40 and Sch-80

(As per ASTM A53) Available in Grade A and Grade B

Application

- Fire Fighting
- Water distribution lines
- High pressure lines
- Steam Lines (Boiler Tubes, Heat Exchange Tubes)
- Hot/Chill Water Lines
- Chemical Liquid Lines
- Gas and Oil Projects

Major Industries

- Cement Industry
- Power Sector
- Oil Refineries
- Sugar Sector
- Textile Sector
- Pharma Sector

Guaranteed Compliance to ASTM A53 Sch-40

- Thickness
- Weight
- Length
- Straightness
- Hydro tested



AZI Product Range Black Pipe

ASTM A53

Dimensions, Weight, and Test Pressure for Plain End Pipe

Nominal Size		Outside Diameter		Nominal Wall Thickness			Standard Weight		Test Pressure (psi)	
(mm)	Inchs	Inches	(mm)	Inchs	(mm)	Sch. No	lb/ft	Kg/m	Grade A	Grade B
15	1/2"	0.840	21.3	0.109	2.77	40	0.85	1.27	700	700
				0.147	3.73	80	1.09	1.62	850	850
20	3/4"	1.050	26.7	0.113	2.87	40	1.13	1.69	700	700
				0.154	3.91	80	1.48	2.20	850	850
25	1"	1.315	33.4	0.133	3.38	40	1.68	2.50	700	700
				0.179	4.55	80	2.17	3.24	850	850
32	1-1/4"	1.660	42.2	0.140	3.56	40	2.27	3.39	1200	1300
				0.191	4.85	80	3.00	4.47	1800	1900
40	1-1/2"	1.900	48.3	0.145	3.68	40	2.72	4.05	1200	1300
				0.200	5.08	80	3.63	5.41	1800	1900
50	2"	2.375	60.3	0.154	3.91	40	3.66	5.44	2300	2500
				0.218	5.54	80	5.03	7.48	2500	2500
65	2-1/2"	2.875	73.0	0.203	5.16	40	5.80	8.63	2500	2500
				0.276	7.01	80	7.67	11.41	2500	2500
80	3"	3.500	88.9	0.216	5.49	40	7.58	11.29	2220	2500
				0.300	7.62	80	10.26	15.27	2500	2500
90	3-1/2"	4.000	101.6	0.226	5.74	40	9.12	13.57	2030	2370
				0.318	8.08	80	12.52	18.63	2800	2800
100	4"	4.500	114.3	0.237	6.02	40	10.80	16.07	1900	2210
				0.337	8.56	80	15.00	22.32	2700	2800
125	5"	5.563	141.3	0.258	6.55	40	14.63	21.77	1670	1950
				0.375	9.52	80	20.80	30.94	2430	2800
150	6"	6.625	168.3	0.280	7.11	40	18.99	28.26	1520	1780
				0.432	10.97	80	28.60	42.56	2350	2740
200	8"	8.625	219.1	0.250	6.35	20	22.38	33.31	1040	1220
				0.277	7.04	30	24.72	36.31	1160	1350
				0.322	8.18	40	28.58	42.55	1340	1570
				0.406	10.31	60	35.67	53.08	1700	2000
250	10"	10.750	273.0	0.250	6.35	20	28.06	41.75	840	980
				0.279	7.09	--	31.23	46.49	930	1090
				0.307	7.80	30	34.27	51.01	1030	1200
				0.365	9.27	40	40.52	60.29	1220	1430
300	12"	12.750	323.8	0.250	6.35	20	33.41	49.71	710	820
				0.330	8.38	30	43.81	65.18	930	1090
				0.375	9.53	--	49.56	73.75	1060	1240
				0.406	10.31	40	53.57	79.70	1150	1340

Note: MS Pipe Sch-10 & Inner Beed Removed Pipe Available, Subject to Enquiry



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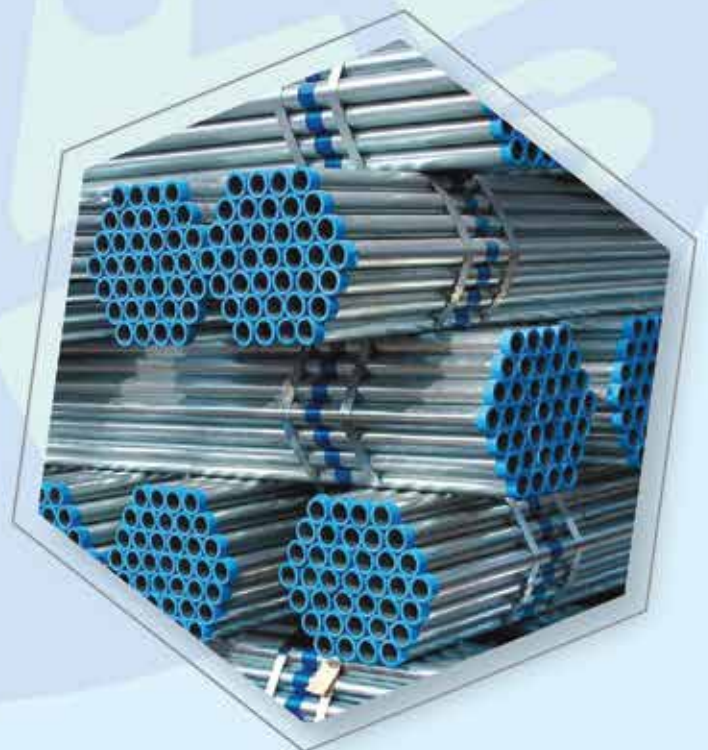
AZI Galvanized Iron Pipe

Salient Features

- Ideal for drinking water
- Can bear Hydro pressure upto 50 bar
- Certification: ISO Standards 9001:2008
- Environment friendly
- Durabel and Storngest

Guaranteed Compliance to international Standards

- Threads as per BS EN 10226: 2004
- Thickness
- Weight
- Length
- Corrosion free
- Straightness



AZI GI PRODUCT RANGE - GRADE "L" (BS EN 10255-2004) FORMERLY "L" OF BS 1387:1985

NOMINAL DIA	NOMINAL DIA	OUTER DIA		WALL THICKNESS	STANDARD BLACK PIPE WEIGHT
		Maximum	Minimum		
(mm)	(Inches)	(mm)	(mm)	(mm)	(Kg/m)
15	1/2"	21.40	21.00	2.00	0.95
20	3/4"	26.90	26.40	2.30	1.38
25	1"	33.80	33.20	2.60	1.98
32	1 1/4"	42.50	41.90	2.60	2.54
40	1 1/2"	48.40	47.80	2.90	3.23
50	2"	60.20	59.60	2.90	4.08
65	2 1/2"	76.00	75.20	3.20	5.71
80	3"	88.70	87.90	3.20	6.72
100	4"	113.90	113.00	3.60	9.75

AZI GI PRODUCT RANGE - GRADE "M" (BS EN 10255-2004) FORMERLY "M" OF BS1387:1985

NOMINAL DIA	NOMINAL DIA	OUTER DIA		WALL THICKNESS	STANDARD BLACK PIPE WEIGHT
		Maximum	Minimum		
(mm)	(Inches)	(mm)	(mm)	(mm)	(Kg/m)
15	1/2"	21.80	21.00	2.60	1.21
20	3/4"	27.30	26.50	2.60	1.56
25	1"	34.20	33.30	3.20	2.41
32	1 1/4"	42.90	42.00	3.20	3.10
40	1 1/2"	48.80	47.90	3.20	3.56
50	2"	60.80	59.70	3.60	5.03
65	2 1/2"	76.60	75.30	3.60	6.42
80	3"	89.50	88.00	4.00	8.36
100	4"	115.00	113.10	4.50	12.16
125	5"	140.80	138.50	5.00	16.60
150	6"	166.50	163.90	5.00	19.75

AZI GI PRODUCT RANGE - GRADE "H" (BS EN 10255-2004) FORMERLY "H" OF BS1387:1985

NOMINAL DIA	NOMINAL DIA	OUTER DIA		WALL THICKNESS	STANDARD BLACK PIPE WEIGHT
		Maximum	Minimum		
(mm)	(Inches)	(mm)	(mm)	(mm)	(Kg/m)
40	1-1/2"	48.80	47.90	4.0	4.37
50	2"	60.80	59.70	4.5	6.19
65	2-1/2"	76.60	75.30	4.5	7.93
80	3"	89.50	88.00	5.0	10.30
100	4"	115.00	113.10	5.4	14.50
125	5"	140.80	138.50	5.4	17.88
150	6"	166.50	163.90	5.4	21.27

Note: Galvanized iron pipe ASTM A-53 Sch 40 available, subject to inquiry.



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Scaffolding Tubes - Safety First

Application

Basically, scaffolding tubes are seen at construction sites, industrial repair and maintenance work, petro chemical plants and infrastructural projects for supporting platforms. Today, steel scaffolding tubes has completely replaced conventional timber & bamboo tubes due to their several advantages like excellent load carrying capacity and high strength. AZI Scaffolding Tubes have their own importance in the construction industry; these tubes are primarily used for giving support to the workers engaged in building & construction jobs. In simple terms, these tubes are widely used for supporting man & materials, tools & tackles during construction alteration, demolition and maintenance works. Keeping in mind the safety of the workers working at a construction site, all the renowned builders demand for a more sustainable range of scaffolding tubes and thus, we manufacture the tubes from prime quality high strength steel. Depending on the load condition, we offer both light or heavy scaffolding tubes to our clients. we can also configure the length as per our clients' special requirements.

Salient Features

- Can hold heavy loads
- Longer life span
- Available in various Grade, Thickness, Length
- Excellent durability
- Strong & robust in construction
- Certified to International standard
- Best Quality at affordable Price

Guaranteed Compliance to International Standards

- Conformity to BS EN 39:2001
- Wall Thickness
- Weight



Scaffold Pipes Type - 1

Confirmity to BS EN 39:2001

NOMINAL DIA	OUTER DIA		WALL THICKNESS	STANDARD BLACK PIPE WEIGHT
	Maximum	Minimum		
(Inch)	(mm)	(mm)	(mm)	(Kg/m)
1 1/2"	48.3	47.8	3.0	3.33

Scaffold Pipes Type - 2

Confirmity to BS EN 39:2001

NOMINAL DIA	OUTER DIA		WALL THICKNESS	STANDARD BLACK PIPE WEIGHT
	Maximum	Minimum		
(Inch)	(mm)	(mm)	(mm)	(Kg/m)
1 1/2"	48.3	47.8	4.0	4.37

Note: ANI Scaffolding tubes are available in various lengths, subject to inquiry.



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AZI Cold Rolled, HR Rolled Steel Tubing

Salient Features

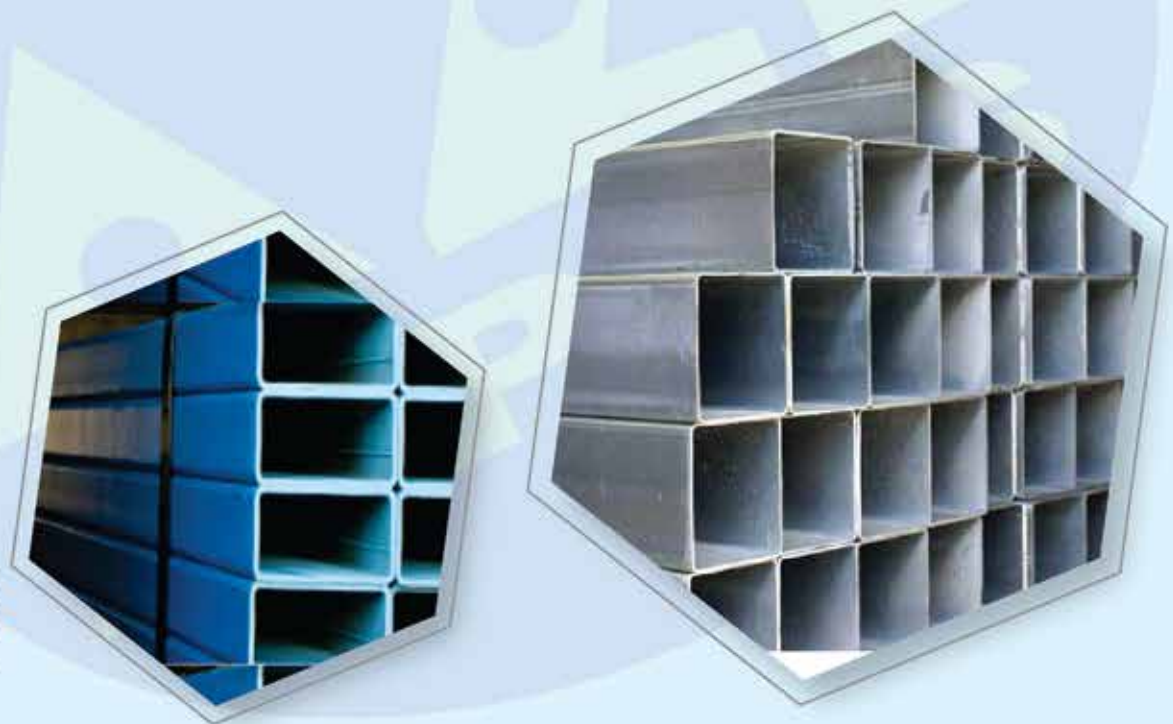
- Environment friendly
- Certification: ISO Standards 9001:2008
- Export to other Countries

Product Suitability

- Ideal for Bending, Drawing
- Shape Guarantee:
- Roundness for round tubes
- Square edges for square and rectangular tubes

Guaranteed Compliance to International Standards

- Diameter
- Shape
- Wall thickness
- Length
- Weight



Round Tubes



Conforming to BS 1717:1983, BS EN 10305-3: 2002 & EN 10296-1:2003 (Formerly BS 6323-5:1982)

Size	Thickness (mm and SWG)							Weight: Kg/M
(mm) →	0.60	0.70	0.80	0.90	1.00	1.20	1.60	2.00
SWG →	23	22	21	20	19	18	16	14
12.70	0.18	0.21	0.23	0.26	0.29	0.34	0.43	0.52
15.90	0.23	0.26	0.30	0.33	0.37	0.44	0.56	0.69
19.05	0.27	0.32	0.36	0.40	0.45	0.53	0.69	0.84
22.20	0.32	0.37	0.42	0.47	0.52	0.62	0.81	1.00
25.40	0.37	0.43	0.48	0.54	0.60	0.72	0.94	1.15
28.60	0.41	0.48	0.54	0.62	0.68	0.81	1.07	1.30
38.10	0.55	0.64	0.73	0.83	0.91	1.09	1.44	1.77
42.20	0.61	0.71	0.81	0.92	1.01	1.21	1.60	1.97
48.10	0.70	0.81	0.93	1.05	1.15	1.39	1.84	2.26
60.30	0.88	1.02	1.17	1.32	1.45	1.75	2.30	2.86
73.05	1.06	1.24	1.42	1.59	1.76	2.13	2.82	3.48

Square Tubes

Conforming to BS EN 10305-5 : 2003 (Formerly BS 6323-5 : 1982)

Size	Thickness (mm and SWG)							Weight: Kg/M
(mm) →	0.60	0.70	0.80	0.90	1.00	1.20	1.60	2.00
SWG →	23	22	21	20	19	18	16	14
12x12	0.23	0.26	0.30	0.33	0.37	0.53	0.56	0.62
15x15	0.27	0.32	0.36	0.40	0.45	0.53	0.69	0.81
20x20	0.37	0.43	0.49	0.54	0.60	0.72	0.94	1.12
25x25	0.46	0.54	0.61	0.69	0.76	0.91	1.19	1.44
30x30	0.55	0.65	0.74	0.83	0.92	1.09	1.44	1.75
38x38	0.70	0.81	0.93	1.05	1.16	1.39	1.84	2.25
50x50	0.92	1.08	1.17	1.32	1.46	1.75	2.42	3.00

Rectangular Tubes

Conforming to BS EN 10305-5 : 2003 (Formerly BS 6323-5 : 1982)

Size	Thickness (mm and SWG)							Weight: Kg/M
(mm) →	0.60	0.70	0.80	0.90	1.00	1.20	1.60	2.00
SWG →	23	22	21	20	19	18	16	14
15x25	0.36	0.42	0.48	0.54	0.59	0.70	0.92	1.12
20x40	0.55	0.65	0.74	0.83	0.92	1.09	1.44	1.75
25x40	0.60	0.69	0.79	0.89	0.98	1.21	1.60	1.90
25x50	0.69	0.80	0.93	1.05	1.16	1.39	1.84	2.22
30x50	0.74	0.86	0.98	1.48	1.22	1.45	1.92	2.37
30x60	0.83	0.97	1.11	1.25	1.38	1.65	2.19	2.68
40x80	1.11	1.30	1.48	1.67	1.85	2.21	2.93	3.62

NOTE: More sizes in more thickness are available, subject to enquiry. Weight is approx.



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AZI Profile

To progress, every nation must depend on its architects, engineers and city planners to envision the future. How well people live tomorrow, is largely attributed to our insight today. At AZI we believe that timelessness and longevity of materials should be an integrated part of product design. Extending this belief, AZI offers the latest portfolio of L.T.Z Door and Window Profiles.

Symbols

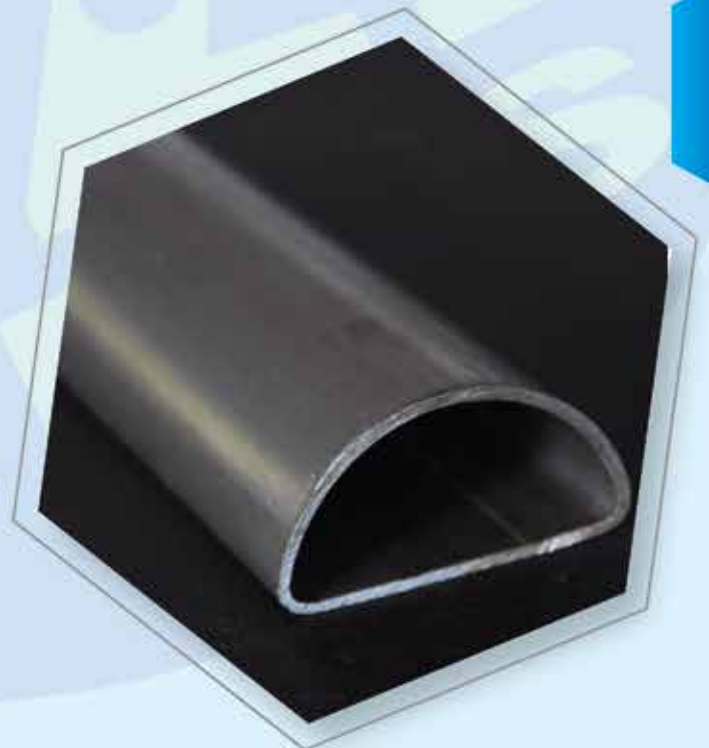
Pakistan's first premium profiles that adhere to Strength, Quality and Versatility.

Cost Effective Solutions

Our profiles are used to design windows and doors that are immaculate in shape, ingenious in design, low-priced in ownership.

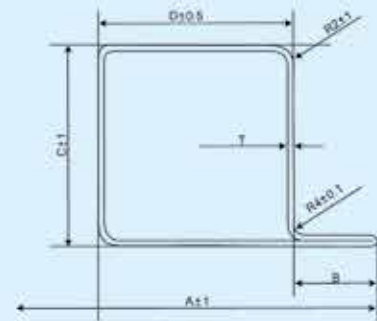
Secure your Construction

Steel doors and windows are ideal for houses, industrial / commercial buildings, warehouses. All surface finishes are available L.T.Z is a profile symbolizing strength, durability and quality.



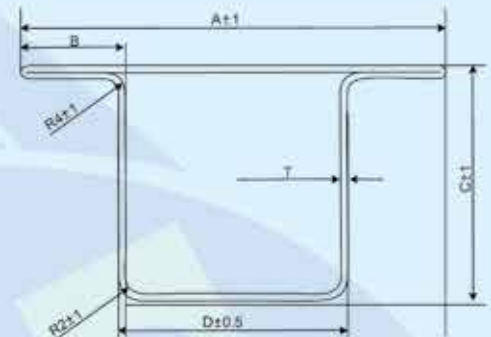
L - PROFILE

Shape	Thickness	Standard Weight	Dimensions (mm)			
	mm		A	B	C	D
L-40	0.70	0.678	38	13	26.5	25
L-40	0.80	0.773	38	13	26.5	25
L-40	0.90	0.868	38	13	26.5	25
L-48	0.70	0.818	48.5	13	26.5	35.5
L-55	0.70	0.937	52	15	34	37
L-55	0.80	1.069	52	15	34	37
L-55	0.90	1.201	52	15	34	37



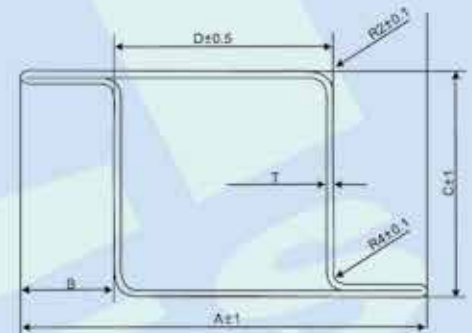
T - PROFILE

Shape	Thickness	Standard Weight	Dimensions (mm)			
	mm		A	B	C	D
T-48	0.70	0.82	50	13	26	24
T-48	0.80	0.94	50	13	26	24
T-48	0.90	1.05	50	13	26	24
T-60	0.70	1.03	61	15	34	31
T-60	0.80	1.17	61	15	34	31
T-60	0.90	1.32	61	15	34	31



Z - PROFILE

Shape	Thickness	Standard Weight	Dimensions (mm)			
	mm		A	B	C	D
Z-48	0.70	0.82	50	13	26.5	24
Z-48	0.80	0.94	50	13	26.5	24
Z-48	0.90	1.05	50	13	26.5	24
Z-60	0.70	1.03	61	15	34	31
Z-60	0.80	1.17	61	15	34	31
Z-60	0.90	1.32	61	15	34	31



D- PROFILE

Shape	Thickness	Standard Weight	Dimensions (mm)		
	mm		A	B	C
D-48	0.70	1.03	51.5	51.7	12.7
D-48	0.90	1.32	51.5	51.7	12.7
D-48	1.20	1.75	51.5	51.7	12.7

