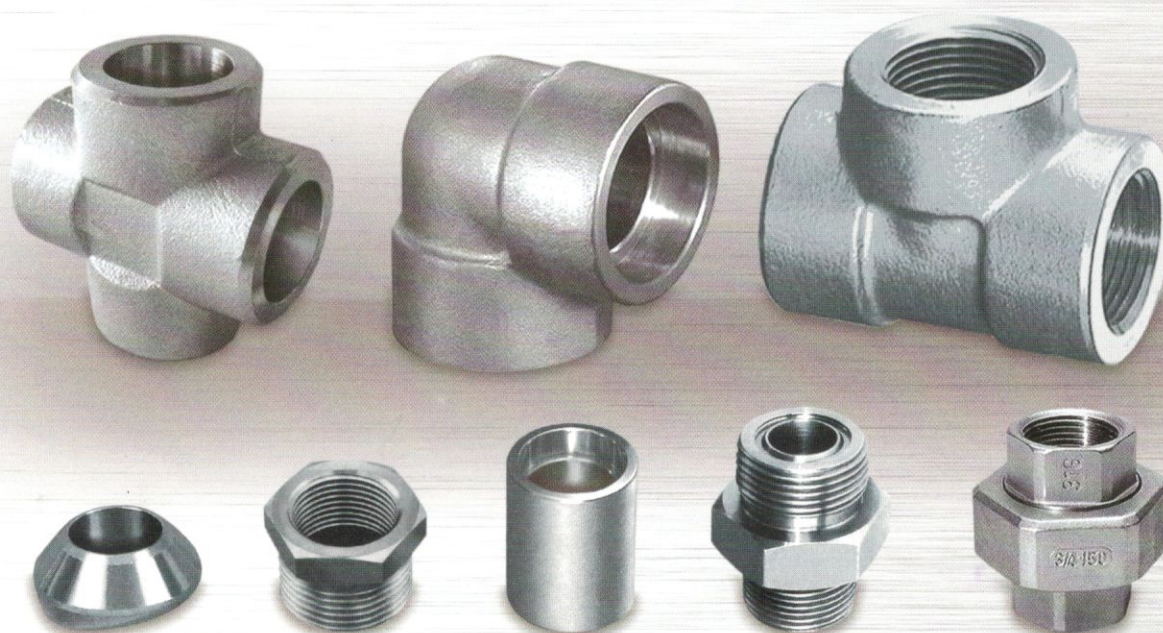


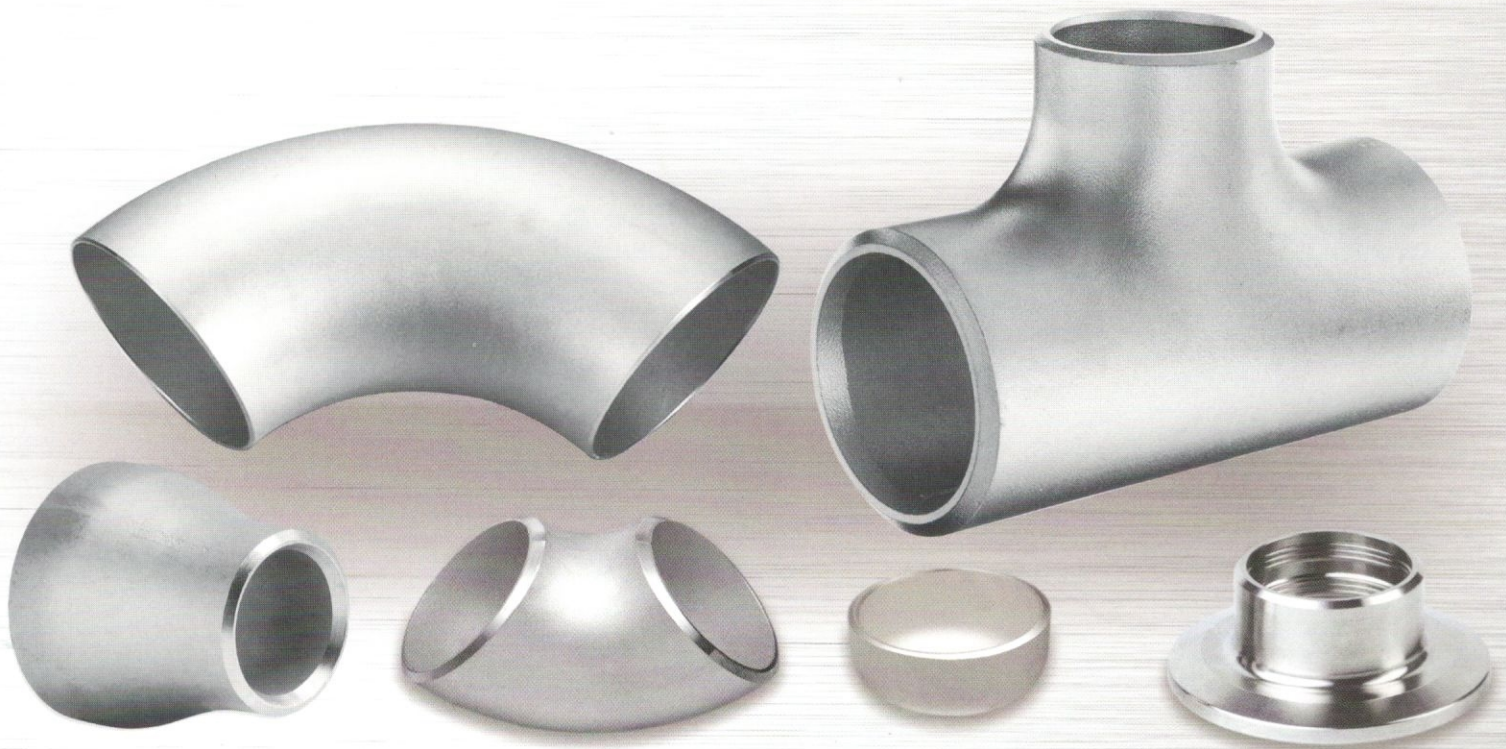
Forged Fittings

FORGED FITTINGS

Range	:-	15 NB To 100 NB in LBS : 3000#, 6000#, 9000#.
Form	:-	S/W. & SCRD.
Type	:-	Elbow, Tee, Union, Cross, Swage Nipples Coupling, CAP, Plug, Bush, Sokolet, Weldolet, Thredolet, Elbolet, Nipolet.
Stainless Steel	:-	ASTM A 182 F -.304, 304L, 304Ti, 316, 309, 310, 317L, 321, 347, 904L.
Duplex Steel	:-	2205 (F60), 31803 (F51), 32750, 32760.
Carbon Steel	:-	ASTM A-105, A-350 LF2.
Alloy Steel	:-	ASTM A 182- F5, F9, F11, F12, F21, F22 & F91.
Nickel Alloy	:-	Cupro Nickel, Hastelloy, Nickel, Monel, Inconel, Alloy 20 etc.
Test Certificate	:-	MTC, Govt. App. Lab.
Specialize	:-	IBR Fitting, Swage Nipple.



Butt Weld Fittings



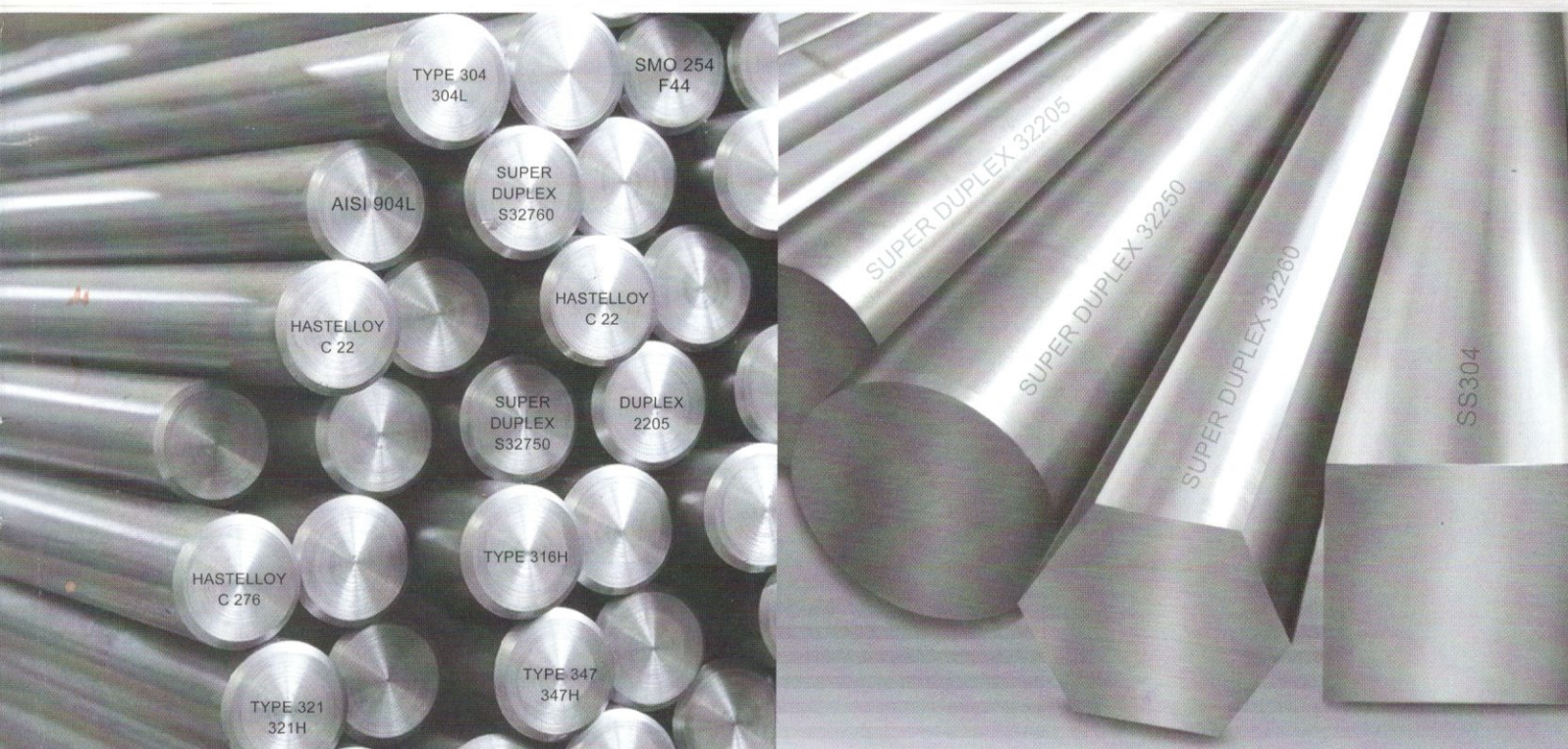
BUTT WELD FITTINGS

Range	:- 15 NB To 1200 NB in Sch. 5, 10, 20, 30, 40, 60, 80, 100, 120, 140, 160, XXS.
Type	:- Bend - Long & Short, Radius to 1.5D, 3D, 5D, 6D, 10D etc. Elbow - 45 Deg., 90 Deg. & 180 Deg. Tee - Barred, Equal, Unequal, Reducer - Con & Ecc, CAP, Nipple - Swage & Barrel, Stubend - Long & Short, etc.
Stainless Steel	:- ASTM A 403 WP - TP 304, H, L, 316, 309, 310, 317L, 321, 347, 904L.
Duplex Steel	:- 2205, 31803, 32750, 32760, 2101, 2304.
Carbon Steel	:- ASTM A 234 WPB, A-420 WPL6.
Alloy Steel	:- ASTM A 234 WP - P5, P9, P11, P12, P21, P22 & P91.
Nickel Alloy	:- Cupro Nickel, Hastelloy, Nickel, Monel, Inconel, Alloy 20 etc.
Test Certificate	:- MTC, IBR TC, Lab.TC from Govt. App. Lab. with Third Party Inspection.
Specialize	:- * Long Bend with Radius R=3D, 5D, 10D etc.

Bars

BAR

Range	:- Dia 5 mm to 500 mm & Length 500 mm to 6000 mm.
Stainless Steel	:- ASTM A-479, A-182- 304, 304L, 316, 316L, 309, 310, 317L, 321, 347, 409, 410, 420, 430, 440, 446, 904L. etc.
Duplex Steel	:- 2205, 31803, 32750, 32760, 2101, 2304.
Alloy Steel	:- A-182 - F5, F9, F11, F12, F21, F22 & F91
Special Grade	:- Stainless Steel 17-4 PH, Alloy 800, Alloy 600. Hastelloy C276.
Carbon Steel	:- A 105, LF 2, Duplex Steel.
Form	:- Round, Square, Hex (A), Rectangle, Flat, Ingot, etc.
Other Services	:- Forging, Rolling, Casting, Machining (CNC), Centreless Grinding (CG), Heat Treatment Polish, Anodising, Cutting, Bending, Minor Fabrication,
Test Certificate	:- MTC, Lab.TC from Govt. App. Lab. with Third Party Inspection.



Flanges



FLANGES

Range	:- 15 NB to 750 NB. - LBS : 150#, 300#, 600#, 900#, 1500# & 2500#. Table : ASA 150# & 300#. D, E, F, H, DIN, ND-6, 10, 16, 25, 40 etc.
Table	:- SORF, WNRF, BLRF, SWRF, LAP Joint, Threaded, Reducing, Spectacle etc.
Stainless Steel	:- ASTM A-182 & A-240 : F-304, H, L, 316, H, L, Ti, 309, 310, 317L, 321, 347, 904L.
Duplex Steel	:- 2205, 31803, 32750, 32760, 2101, 2304.
Carbon Steel	:- ASTM A 105, A-350 LF 2, IS 2062, A-516 etc.
Alloy Steel	:- ASTM A 182- F5, F9, F11, F12, F21, F22 & F91.
Nickel Alloy	:- Cupro Nickel, Hastelloy, Nickel, Monel , Inconel , Alloy 20 etc.
Duplex	:- ASTM A 182- F 51, F 53, F 60, etc.
Test Certificate	:- MTC, IBR TC, Lab.TC from Govt. App. Lab. with Third Party Inspection.

Fastener

FASTENER

Type	:-	Stud Bolts (Hex, Eye, Square, (U, J,) Nuts, (Nylock,) Washer (Star, Plain), Allen Caps, Screws, (CSK, Pen Head, Philip) etc.
Stainless Steel Fastener	:-	ASTM A - 193 & 194 Gr. B8, B8M, B8C, 8, 8M, 8C ect.
Duplex Steel	:-	2205, 31803, 32750, 32760, 2101, 2304.
High Tensile Fastener	:-	ASTM A - 193 & A 194 Gr. B7, B7M, B16, L7, L43, 2H, 2HM.
Cu-Ni Fastener	:-	C70400, C70600, (90 : 10). C71000, C71500 (70 : 30), C7 1640.
Nickel Fastener	:-	UNS N02200, N05500.
Monel Fastener	:-	UNS N04400, N05500.
Titanium Fastener	:-	Gr. 1, 2, 3, DIN3, 7025, DIn3., 7035, DIN3, 7055.



Refractory Anchors



Stainless Steel **Grades: 304, 316, 310**

Unisteels & Engg. Co. (P) Ltd. is leading expertise in cement, steel & furnace industries for refractory anchors. We are also manufacturing anchors for Oil & Gas refinery, Power Plants, Chemical Plants and other related industries. We are consistently research and develop modern methods to meet new demands of customers. We also offer customized solution and technical expertise for the refinement of existing method to meet increased demands and quality productions for our customers.

Our organization will assure the delivery of satisfaction to customer will be our primary priority. We also thank to the customers who give us supports and trust for giving us the opportunity as the refractory solution partner.

We produce a wide range of standard anchoring systems, to match all types of lining. We offer anchors suitable for single and dual layer lining, brick, ceramic, fiber and castable refractory.

Range & Form V shape, Y shape and crook anchors but as per clients drawings and requirements.

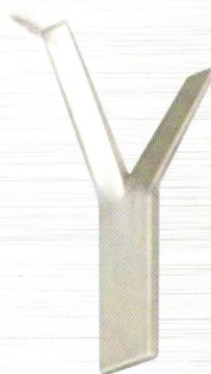


Spiral-Y-Anchors

We are specialized in manufacturing superior quality Spiral Y-Anchors, these are widely used in various industrial applications.

Specifications

215 X 145 X 5 MM.
190 X 45 X 5 MM.
185 X 105 X 5 MM.
175 X 30 X 5 MM.
155 X 70 X 5 MM.
90 X 30 X 5 MM.
80 X 30 X 5 MM.



Anchors and Crook Anchors

We manufacture a comprehensive range of refractory anchors for the cement, steel and petrochemical industry - for the retaining of castable and brick linings.

Y Anchors and Crook Anchors are offered for immediate dispatch. Various C Clips and Hangers for ceramic anchors to suit individual requirements.

Specifications

230 X 115 X 05 MM.
200 X 100 X 05 MM.
150 X 75 X 05 MM.
75 X 25 X 05 MM.



V-Anchors

We are manufacturer & supplier of V-Anchor, to match all types of lining for cement, ceramic, steel, petrochemical, refinery industry for the retaining of monolithic, ceramic fiber and brick linings. Our anchors are suitable for single & dual layer lining, brick, ceramic, fiber and monolithic. All refractory anchor maderom stainless steel [SS] 304, 310, Alloy 601- inconel and other heat resistant alloys.

Specifications

55 X 15 X 05 MM.



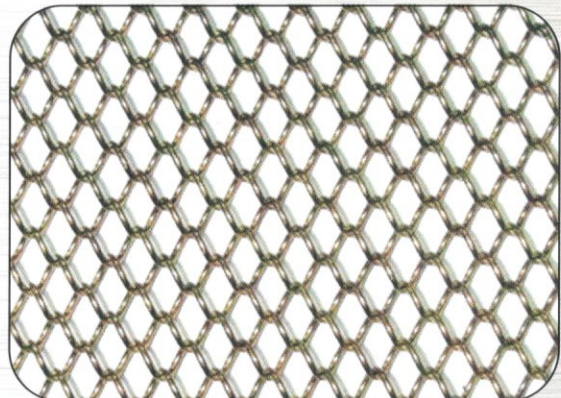
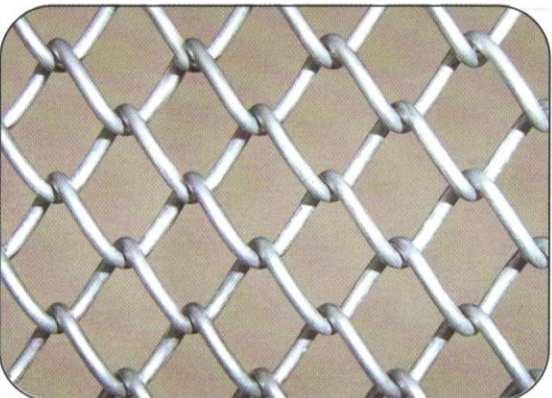
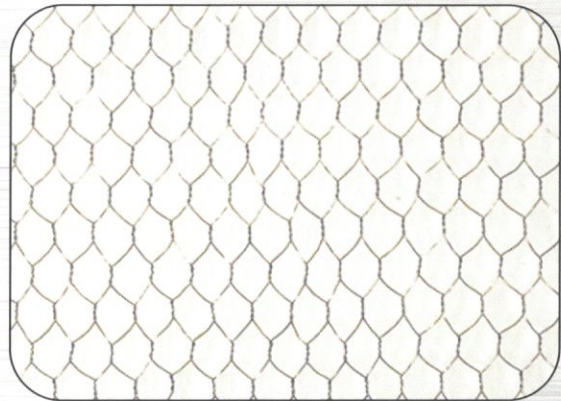
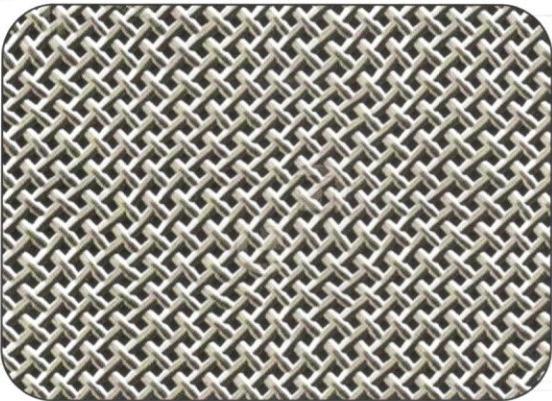
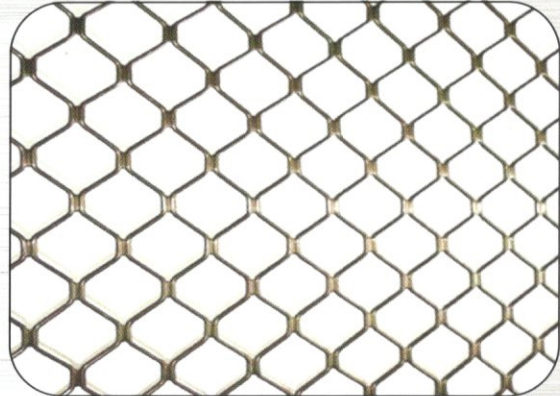
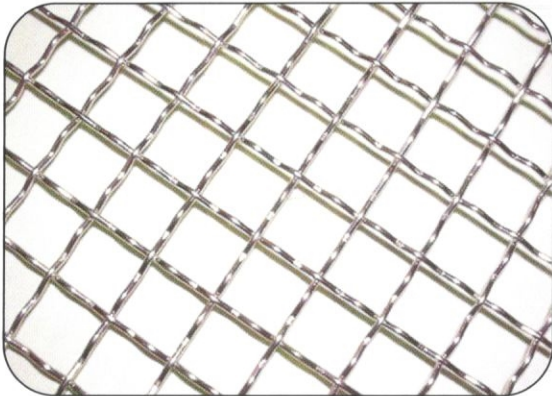
U-Anchors

We manufacture and export superior quality U-Anchors, these can be availed in various specifications like

Specifications

55 X 16 X 05 MM.
225 X 27 X 05 MM.
Wing Nut Type

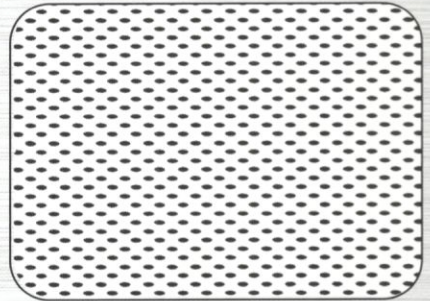
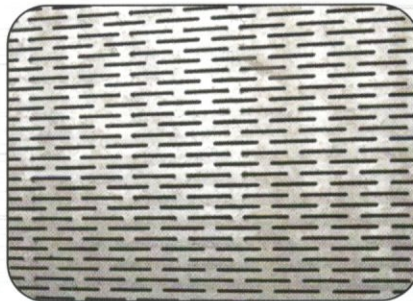
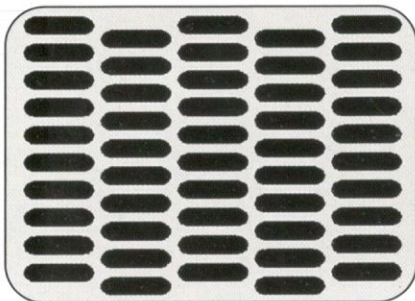
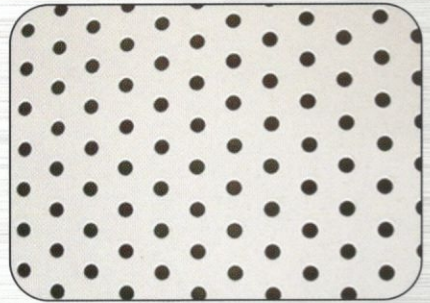
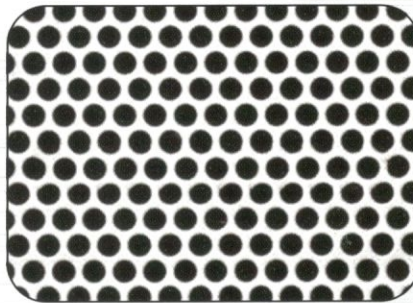
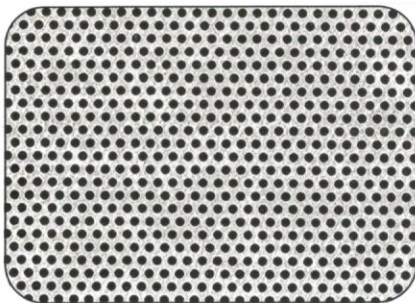
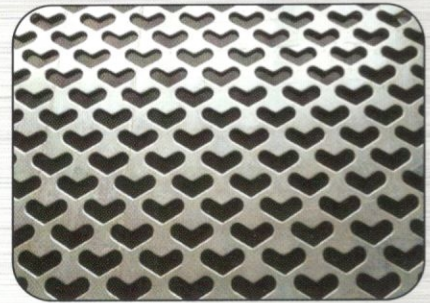
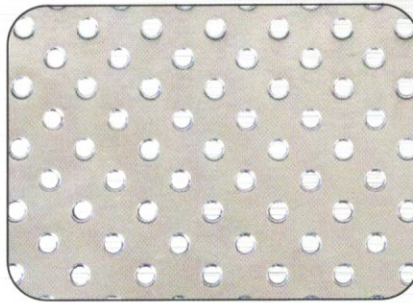
Wire Mesh



We are engaged in supplying wire mesh and cloth made of stainless steel, which gives it more attractive look and durability. Our range includes.

- Crimped Wire Mesh • Wire Netting • Welded Wire Mesh
- Stainless Steel Wire Mesh • Woven Wire Cloth

Perforated Sheets



UNISTEEL is a well established perforators sheet manufacturers in India. We manufacture and market extensive ranges of perforated sheets like galvanized, staggered, galvanized ms, stainless steel, plain steel perforated metal, triangular pitch perforated MS sheets, perforated metal sheets etc. The raw materials used by us are procured by highly reliable vendors, thereby making sure quality at the initial stage itself.

Our perforated sheets possess high tensile strength, durability and ability to withstand high temperature. We manufacture these sheets at industry standards sizes & specifications and also at customized dimensions as per the client's requirements. We also manufacture metal sheets, cable trays and press components.

- Galvanized MS Perforated Sheet
- Perforated MS Sheet With Triangular Pitch
- Perforated Metal Sheet
- Plain Steel Perforated Metal
- Galvanized Perforated Sheet
- Staggered Perforated Sheet

S / S Pipes & Tubes

S / S Pipes & Tubes

DESIG- OD				NOMINAL WALL THICKNESS												NOMINAL WALL THICKNESS											
NATION OF D/A	CA	SCH.5S	SCH.5S	SCH.5	SCH.10	SCH.20	SCH.30	SCH.40S	SCH.40	SCH.60	SCH.80SXS	SCH.80	SCH.100	SCH.120	SCH.140	SCH.160	SCHXXS										
(A) (B) mm thk.	Meter thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.	Weight Kg./Mtr. thk.										
6 1/8"	10.8	-	-	1.24	0.28	1.24	-	1.50	0.33	1.45	0.32	1.73	0.37	1.73	0.37	-	-	-									
8 1/4"	13.7	-	-	1.65	0.49	1.65	-	2.00	0.58	1.85	0.59	2.24	0.63	2.24	0.63	-	-	-									
10 3/8"	17.1	-	-	1.65	0.63	1.65	-	2.00	0.74	1.85	0.70	2.31	0.84	2.31	0.84	-	-	-									
15 1/2"	21.3	1.65	0.80	1.65	0.80	2.11	1.00	2.30	1.07	2.41	1.13	2.77	1.27	2.77	1.27	-	-	-									
20 3/4"	26.7	1.65	1.03	2.11	1.28	2.11	1.28	2.55	1.52	2.41	1.44	2.87	1.69	2.87	1.69	-	-	-									
25 1	33.4	1.65	1.30	2.77	2.09	2.77	2.09	2.55	1.94	2.9	2.18	3.38	2.50	3.38	2.50	-	-	-									
32 1 1/4"	42.2	1.65	1.65	2.77	2.70	2.77	2.70	3.00	2.90	2.92	2.87	3.56	3.39	3.56	3.39	-	-	-									
40 1 1/2"	48.3	1.65	1.91	2.77	3.11	2.77	3.11	3.00	3.35	3.18	3.53	3.68	4.05	3.68	4.05	-	-	-									
50 2	60.3	1.65	2.40	2.77	3.93	2.77	3.93	3.00	4.24	3.18	4.47	3.91	5.44	3.91	5.44	-	-	-									
65 2 1/2"	73.0	2.11	3.69	3.05	5.26	3.05	5.26	3.50	6.81	4.78	8.04	5.16	8.63	5.16	8.63	-	-	-									
80 3	88.9	2.11	4.51	3.05	6.45	3.05	6.45	4.00	8.37	4.78	9.90	5.49	11.30	5.49	11.30	-	-	-									
90 3 1/2"	101.6	2.11	5.18	3.05	7.41	3.05	7.41	4.00	9.62	4.78	11.4	5.74	13.57	5.74	13.57	-	-	-									
100 4	114.3	2.11	5.84	3.05	8.36	3.05	8.36	4.50	12.18	4.78	12.9	6.02	16.07	6.02	16.07	-	-	-									
125 5	141.3	2.77	9.47	3.40	11.57	3.40	11.57	5.00	16.80	-	-	6.55	21.77	6.55	21.77	-	-	-									
150 6	168.3	2.77	11.32	3.40	13.84	3.40	13.84	6.35	25.36	-	-	7.11	28.26	7.11	28.26	-	-	-									
200 8	219.1	2.77	14.79	3.76	19.96	3.76	19.96	6.35	33.31	7.0	36.8	8.18	42.55	8.18	42.55	-	-	-									
250 10	273.0	3.40	22.63	4.19	27.78	4.19	27.78	6.35	41.77	7.80	51.3	9.27	60.31	9.27	60.31	-	-	-									
300 12	323.9	3.96	31.25	4.19	33.02	4.57	36.00	6.35	49.70	8.38	65.2	9.53	73.80	10.31	79.7	14.27	109.0	12.70									
350 14	355.6	3.96	34.36	-	-	4.78	41.03	6.35	54.6	8.35	81.3	9.53	81.30	11.13	94.6	15.09	126.0	12.70									
400 16	406.4	4.19	41.56	-	-	4.78	47.29	6.35	62.6	7.92	77.82	9.53	93.3	9.53	93.3	12.70	123.0	16.66									
450 18	457.2	4.19	46.80	-	-	4.78	53.42	6.35	70.50	7.92	87.74	11.13	122.0	9.53	105.0	14.20	156.0	19.05									
500 20	508.0	4.78	59.25	-	-	5.54	68.71	6.35	78.50	9.53	117.14	12.70	155.1	9.53	117.20	15.09	183.0	20.62									
550 22	559.0	4.78	65.30	-	-	6.35	75.58	6.35	86.40	9.53	129.08	12.70	171.0	9.53	129.0	-	-	22.23									
600 24	609.6	5.54	82.47	-	-	6.35	94.45	6.35	94.70	9.53	141.11	14.30	210.0	9.53	141.0	17.48	255.0	24.61									

CARBON STEEL SEAMLESS PIPE DIMENSIONS & WEIGHT

ASA PIPE SCHEDULES
WALL = WALL THICKNESS IN MILLI METER
WT = WEIGHT IN KG PER METER

Nominal O D Pipe size mm		Schedule 10		Schedule 20		Schedule 30		Standard		Schedule 40		Schedule 60		Extra Strong		Schedule 80		Schedule 100		Schedule 120		Schedule 140		Schedule 160	
		Wall	Wt	Wall	Wt	Wall	Wt	Wall	Wt	Wall	Wt	Wall	Wt	Wall	Wt	Wall	Wt	Wall	Wt	Wall	Wt	Wall	Wt	Wall	Wt
1/8	10.3	-	-	-	-	-	-	1.73	0.375	1.73	0.375	-	-	2.41	0.470	2.41	0.470	-	-	-	-	-	-	-	-
	13.7	-	-	-	-	-	-	2.24	0.630	2.24	0.630	-	-	3.0	0.800	3.0	0.800	-	-	-	-	-	-	-	-
3/8	17.1	-	-	-	-	-	-	2.31	0.840	2.31	0.840	-	-	3.2	1.10	3.2	1.10	-	-	-	-	-	-	-	-
1/2	21.3	-	-	-	-	-	-	2.77	1.270	2.77	1.270	-	-	3.73	1.62	3.73	1.62	-	-	-	-	-	-	4.78	1.95
3/4	26.7	-	-	-	-	-	-	2.87	1.69	2.87	1.69	-	-	3.91	2.20	3.91	2.20	-	-	-	-	-	-	5.56	2.90
1	33.4	-	-	-	-	-	-	3.38	2.50	3.38	2.50	-	-	4.55	3.24	4.55	3.24	-	-	-	-	-	-	6.35	4.24
1-1/4	42.2	-	-	-	-	-	-	3.56	3.39	3.56	3.39	-	-	4.85	4.47	4.85	4.47	-	-	-	-	-	-	6.35	5.61
1-1/2	48.3	-	-	-	-	-	-	3.68	4.05	3.68	4.05	-	-	5.08	5.41	5.08	5.41	-	-	-	-	-	-	7.14	7.24
2	60.3	-	-	-	-	-	-	3.91	5.44	3.91	5.44	-	-	5.54	7.48	5.54	7.48	-	-	-	-	-	-	8.74	11.1
2-1/2	73.0	-	-	-	-	-	-	5.16	8.63	5.16	8.63	-	-	7.01	11.4	7.01	11.4	-	-	-	-	-	-	9.52	14.9
3	88.9	-	-	-	-	-	-	5.49	11.29	5.49	1.29	-	-	7.62	15.27	7.62	15.27	-	-	-	-	-	-	11.13	21.35
3-1/2	101.6	-	-	-	-	-	-	5.74	13.57	5.74	13.57	-	-	8.08	18.63	8.08	18.63	-	-	-	-	-	-	-	-
4	114.3	-	-	-	-	-	-	6.02	16.07	6.02	16.07	-	-	8.56	22.32	8.56	22.32	-	-	11.13	28.32	-	-	13.49	33.54
5	141.3	-	-	-	-	-	-	6.55	21.77	6.55	21.77	-	-	9.52	30.94	9.52	30.94	-	-	12.7	40.28	-	-	15.88	46.11
6	168.3	-	-	-	-	-	-	7.11	28.26	7.11	28.26	-	-	10.97	42.56	10.97	42.56	-	-	14.27	54.20	-	-	18.26	67.56
8	219.1	-	-	6.35	33.31	7.04	36.31	8.18	42.55	8.18	42.55	10.31	53.08	12.7	64.64	12.7	64.64	15.09	75.92	18.26	90.44	20.62	101	23.01	111.31
10	273.0	-	-	6.35	47.75	7.8	51.01	9.27	60.29	9.27	60.29	12.7	81.52	12.7	81.52	15.09	81.52	18.26	114.7	2.44	133.0	25.4	155.09	28.57	172.21
12	323.8	-	-	6.35	49.71	8.38	65.18	9.52	73.78	10.31	79.70	14.27	108.92	12.7	97.43	17.48	97.43	21.44	159.86	25.4	187.0	31.75	208	33.3	
14	355.6	6.35	54.60	7.92	67.90	9.52	81.25	9.52	81.25	11.13	94.55	15.09	126.71	12.7	108.92	19.05	108.92	23.83	195.0	27.79	253.56	31.8	253.56	35.75	281.70
16	406.4	6.35	62.64	7.92	77.83	9.52	93.17	9.52	93.17	12.7	123.30	16.66	162.12	12.7	123.30	21.44	123.30	26.2	245.56	30.96	286.64	36.53	333.19	40.5	365.45
18	457.2	6.35	70.60	7.92	87.75	11.13	122.43	9.52	105.01	14.27	155.87	19.05	205.83	12.7	139.2	23.83	139.2	29.4	310.0	34.92	363.14	39.7	408.45	45.24	459.59
20	508.0	6.35	78.55	9.52	117.02	12.7	155.12	9.52	117.02	5.09	183.42	20.62	247.83	12.7	155.12	26.2	55.12	32.54	381.53	381	441.49	44.45	508.11	50.0	564.87
22	558.8	6.35	86.4	9.52	129.0	12.7	172.0	9.52	129.0	-	-	22.2	294.0	12.7	172.0	28.6	172.0	34.9	451.0	41.3	526.0	47.6	603.56	54.0	672.0
24	609.6	6.35	94.46	9.52	140.88	14.27	209.50	9.52	140.88	17.48	255.24	24.61	355.0	12.7	186.94	30.96	186.94	38.89	547.33	46.02	639.58	52.37	719.63	59.54	807.63