



KK METAL

PIPE & PIPE FITTING



YOUR
**STAINLESS
STEEL**
SUPPLIER

MANUFACTURER OF STAINLESS STEEL PIPE FITTINGS

Stockist & Suppliers of : SS 202, 304L, 316L, 310L, 321L SS Seamless & Welded Pipe & Tubes, Pipe Fittings, Flanges, Sheets, Plates, Rods, Ferrous & Non-Ferrous Metal Etc



+91 95581 19808, 95581 81024

kkmetal88@gmail.com

www.kkmetal88.com

COMPANY PROFILE ♦♦

It gives us immense pleasure to introduce ourselves as one of the leading dealers, IMPORTERS, EXPORTERS, SUPPLIERS & MANUFACTURERS in all kinds of Industrial raw materials in Ferrous and Non-Ferrous Metals. We at **KK METAL PIPE & PIPE FITTINGS** are engaged in supplying quality products to reputed customers in India and abroad for more than 2 decades.

With a high sense of service to the industry, we are happy to publish this product cum technical literature for the use of quality minded professionals involved in procurement or engineering, updating technology & products from time to time.

With a view to highlighting our products, it becomes necessary to well on various aspects of the products that we manufacture & supply to various industries constantly searching for quality products. Before introducing our products, we would like to answer the obvious question in your mind.

We are currently stocking 10,000 Tons in our stockyards Kalamboli Steel Warehousing Complex, Navi Mumbai, just 20 minutes from JNPT, Nhava Sheva Sea Port. Our factory is fully shaded and completely equipped with in-house crane facility, hydro testing facilities, plasma cutting, U.T. testing, and more.

Some of The **UNIQUE VALUES** That Come With Our Products :-

- ✓ Complete Customer Satisfaction
- ✓ Complete Product Knowledge
- ✓ Total Quality Management
- ✓ Manufacturing & Assembling Facilities
- ✓ Excellent Sourcing Capability
- ✓ Competitive Pricing

OUR **PRODUCT RANGE :**

Butt weld Fittings, Socket weld fittings, Flanges, Fasteners in order to further expand the market and our product offerings we are very actively involved in importing, stocking, exporting & supply of stainless steel, carbon steel, alloy steel in the form of pipes, tubes, sheets, plates, rods, tube fittings, wire mesh, etc.



MR. PRAHLAD T. PRAJAPATI
(Designation - Director)

No Wonder we have associated, and a regular supplier to the best of companies from various industries such as

- ▶ Oil & Gas
- ▶ Petrochemicals
- ▶ Agro Chemicals
- ▶ Fire Safety Product
- ▶ Shipping
- ▶ Engineering
- ▶ Dalry & Food Processing
- ▶ Pharmaceutical

PRODUCT RANGE



PIPE & TUBES

Type: Stainless Steel Pipe, Mild Steel Pipe, Carbon Steel Pipe (WELDED & SEAMLESS)

Stainless Steel: ASTM A312 TP 304, 316, 304L, 316L

Carbon Steel: ASTM A106 GR. B, ASTM A335

Mild Steel: IS 1239, IS 3589

Dimension: ASME 36.19

Size: 1/4" NB - 24" NB (ERW), 1/4" NB - 24" NB (SEAMLESS)

Thickness: SCH-5, SCH-10, SCH-20, SCH-40, SCH-80, SCH-120, SCH-160, A CLASS, B CLASS, C CLASS



FLANGES

Stainless Steel: ASTM A182 F304/304L/304H/316/316L/317/317L/321/310/347/904L etc.

Carbon Steel: ASTM IS 2062/A105/A694/F42/46/52/56/60/65/70/A350 LF3/A350 Lf2 etc.

Alloy Steel: ASTM A182 F1/F5/F9/F11/F22/F91 etc.

Others: Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.

Types: Weldneck, Slipon, Blind, Socket Weld, Lap Joint, Spectacles, Ring Joint, Oriface, Long Weldneck, etc.

Size: 1/2" NB TO 48" NB.

Class: 150#, 300#, 400#, 600#, 900#, 1500#, 2500#, 3000# & 6000# Class & Others Flanges as per drawing.



BUTTWELD FITTINGS

Stainless Steel: ASTM A403 WP 304/304L/304H/316/316L/317/317L/321/310/347/904L etc.

Carbon Steel: ASTM A234 WPB / A420 WPL3/A420 WPL6/ MSS-SP-75 WPHY 42/46/52/56/60/65/70

Alloy Steel: ASTM A234 WP1/WP5/WP9/WP11/WP22/WP91 etc.

Others: Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.

Types: Elbow, Tee, Reducer, Return Bends, Stub-Ends, Cap, Collar, Cross, Insert etc.

Size: 1/4" NB TO 32" NB. (Seamless & Welded)

Wall Thickness: Sch. 5S To Sch. XXS.



FORGED FITTINGS

Stainless Steel: ASTM A312 TP 304/304L/304H/316/316L/317/317L/321/310/347/904L etc.

Carbon Steel: ASTM A53 GR. B/ A106 GR. B/ API 5L GRADE B/ API 5L GR.X42/46/52/56/60/65/70/A333 GR.3/GR. 6, AISI 1018, 1020, 4130 etc.

Alloy Steel: ASTM A335 GR.P1/P5/P9/P11/P22/P91 etc.

Others: Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.

Types: Round, Square, Rectangular.

Size: Upto 24" NB. (Seamless & Welded)

Wall Thickness: Sch. 5S to Sch. XXS



FASTENERS

Stainless Steel: AISI 304, 304L, 316, 316L, 310, 317, 317L, 321, 347, 410, 420, 904L etc.

Alloy Steel : 4.6, 5.6, 6.6, 8.8, 10.9 & 12.9/'R', 'S', 'T' Conditions.

Carbon Steel : Bare Condition, Galvanized, Phosphetised, Cadmium Plated, Hot Deep Galvanized, etc.

High Nickel Alloy: Monel, Nickel, Inconel, Hastelloy

Others : Copper, Brass, Bronze, Titanium, Tantalum, Bimetal, Aluminium, High Speed Steel, Zinc, Lead, etc.

Types : Bolts, Nuts, Washers, Anchor Fasteners, Stud Bolts, Eye Bolt, Stud, Threaded Rod, Cotter Pin, Socket Head Screw, Fine Fasteners & Spares, Foundation Fasteners, etc.



SHEET / PLATE / COILS / CHEQUERED PLATE

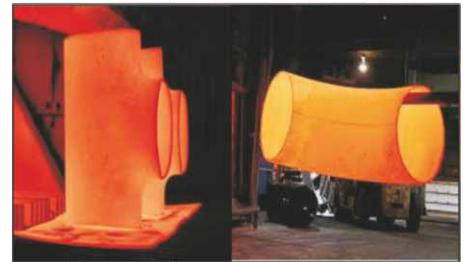
STAINLESS STEEL: ASTM A312 TP 304, 304L, 304H, 316, 316L, 316H, 316Ti, 321, 309, 310, 347, 409, 410, 420, 430, 904L etc.

CARBON STEEL: ASTM A283, A516/ASME SA283, SA516, 517 GR. 60/70, IS 2062, IS 2002.

MATERIAL GRADE: Stainless Steel, Carbon Steel, Duplex Steel, Super Duplex Steel, Alloy Steel, Nickel Alloy, Titanium Alloy, Aluminium Alloy & Cupro-Nickel Alloy.

TYPES: Sheet, Plates, Coils, Strips, Chequered Plate, Designing Sheet, etc.

BUTTWELD/SOCKETWELD/THREADED FITTING & FLANGES



This is to introduce ourselves as the most reliable outsourcing partners for manufacturing of butt welding pipe fittings, socket weld, pipe fittings, flanges & tubular components in all kinds of steel. Our panel of experienced manufacturers ensures excellent quality fittings meeting exacting standards of National & International quality.

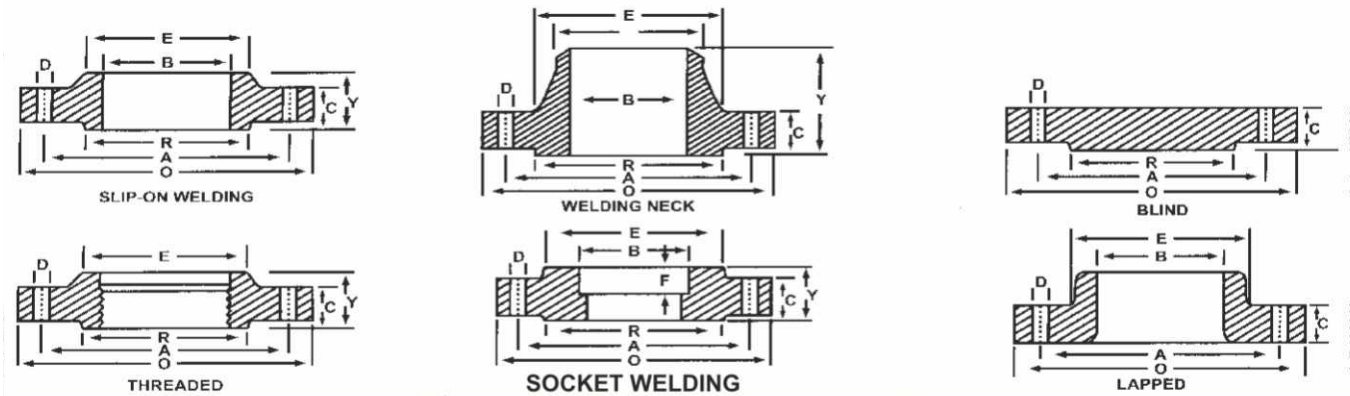
These Pipe Fitting are manufactured from ferrous metals such as Carbon Steel, Alloy Steel, Low Temperature Carbon Steel & Stainless Steel. Both Seamless and E.R.W. Pipe Fittings are Produced by our special manufacturing process involving either hot or cold forming. We are fully capable of manufacturing Pipe fittings made to customer's specifications in terms of type, dimensions, material & quantity under any third party inspection.

These Pipe Fittings are perfectly round, rugged, leak proof, corrosion resistant (Where ever required), meeting all the requirements to ASA/BS/DIN/ISI codes. These quality fittings extend the life of piping systems, facilitate direct pipe welding, permit compact installations & reduce the space necessary for installing a piping network

FACILITIES

- ▶ Hydraulic Press
- ▶ Oil Fired Furnace with Temp. Recorder
- ▶ Universal Testing Machine
- ▶ Hardness Tester
- ▶ Chemical Laboratory
- ▶ Hacksaw cutting Machines
- ▶ Lathe Machines
- ▶ Plate Rolling Machines
- ▶ Grinding Machines
- ▶ Drilling Machines
- ▶ Moto Generator Welding Sets (Advani)
- ▶ AC Welding Sets (Advani)
- ▶ DC Rectifier Welding Sets (Advani)
- ▶ Computer & Software

DIMENSION OF FLANGES TO ASTM / ANSI B 16.5



DIMENSIONS OF CLASS 150 FLANGES ASTM / ANSI B16.5

(in mm)

Nominal Size Inch	Flange Dia O	Dia of Bolt Circle A	Dia of Bolt Holes D	No. of HOLES	Thk of Flange C	Dia of Hub E	Length through Hub			Dia of Bore		Dia of R/F R	Depth of Socket F
							S/O&S/W Y	W/N Y	L/J Y	S/O&S/W B	L/J B		
1/2	90	60.4	15.9	4	11.2	30.2	14.2	45.9	15.7	22.3	22.8	35.0	9.6
3/4	100	69.8	15.9	4	12.7	38.1	14.2	50.8	15.7	27.6	28.2	42.9	11.1
1	110	79.2	15.9	4	14.3	49.2	15.7	53.8	17.5	34.5	35.0	50.8	12.7
1 1/4	115	88.9	15.9	4	15.9	58.6	19.0	55.6	20.5	43.1	43.6	63.5	14.2
1 1/2	125	98.5	15.9	4	17.5	65.0	20.5	60.4	22.3	49.5	50.0	73.1	15.7
2	150	120.6	19.0	4	19.1	77.7	23.8	61.9	25.4	61.9	62.4	91.9	17.5
2 1/2	180	139.7	19.0	4	22.3	90.4	26.9	68.3	28.4	74.6	75.4	104.6	19.0
3	190	152.4	19.0	4	23.9	107.9	28.4	68.3	30.2	90.6	91.4	127.0	20.5
4	230	190.5	19.0	8	23.9	134.8	31.7	74.6	33.2	116.0	116.8	157.2	
5	255	215.9	22.2	8	23.9	163.5	35.0	87.3	36.5	143.7	144.5	185.6	
6	280	241.3	22.2	8	25.4	192.0	38.1	87.3	39.6	170.6	171.4	215.9	
8	345	298.4	22.2	8	28.6	246.1	42.9	100.0	44.4	221.4	222.2	269.7	
10	405	361.9	25.4	12	30.2	304.8	47.7	100.0	49.2	276.3	277.3	323.8	
12	485	431.8	25.4	12	31.8	365.2	53.8	112.7	55.6	327.1	328.1	381.0	
14	535	476.2	28.6	12	35.0	400.0	55.6	125.4	79.2	359.1	360.1	412.7	
16	595	539.7	28.6	16	36.6	457.2	61.9	125.4	87.3	410.4	411.2	469.9	
18	635	577.8	31.7	16	39.7	504.9	66.5	138.8	96.7	461.7	462.2	533.4	
20	700	635.0	31.7	20	42.9	558.8	71.3	142.7	103.1	513.0	514.3	584.2	
24	815	749.3	34.9	20	47.7	663.4	81.0	150.8	111.2	615.9	615.9	692.1	

DIMENSIONS OF CLASS 300 FLANGES ASTM / ANSI B16.5

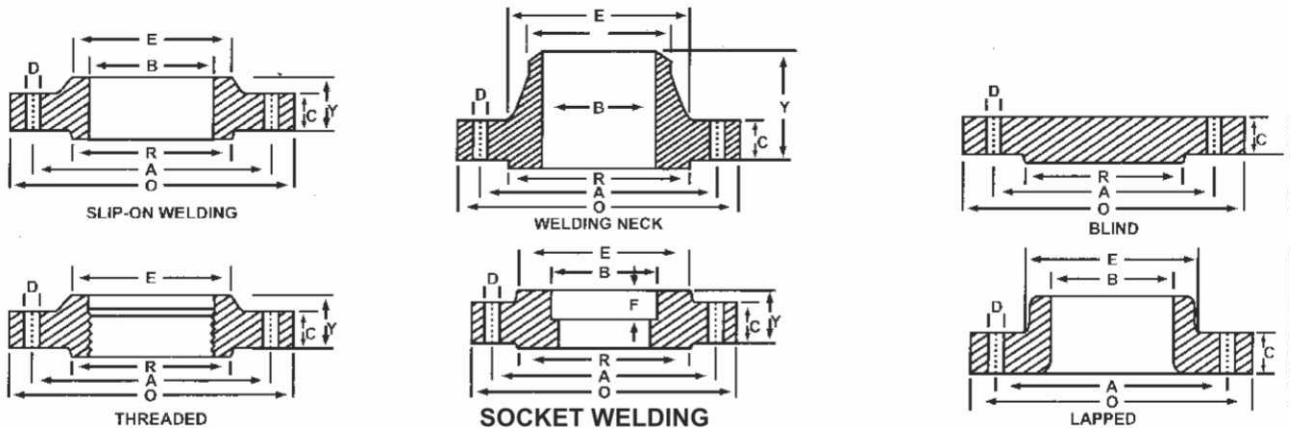
(in mm)

Nominal Size Inch	Flange Dia O	Dia of Bolt Circle A	Dia of Bolt Holes D	No. of HOLES	Thk of Flange C	Dia of Hub E	Length through Hub			Dia of Bore		Dia of R/F R	Depth of Socket F
							S/O&S/W Y	W/N Y	L/J Y	S/O&S/W B	L/J B		
1/2	95	66.5	15.9	4	14.3	38.1	20.5	50.8	22.3	22.3	22.8	35.0	9.6
3/4	115	82.5	19.0	4	15.9	47.7	23.8	55.6	25.4	27.6	28.2	42.9	11.1
1	125	88.9	19.0	4	17.5	53.8	25.4	60.4	26.9	34.5	35.0	50.8	12.7
1 1/4	135	98.5	19.0	4	19.1	63.5	25.4	63.5	26.9	43.1	43.6	63.5	14.2
1 1/2	155	114.3	22.2	4	20.7	69.8	28.4	66.5	30.2	49.5	50.0	73.1	15.7
2	165	127.0	19.0	8	22.3	84.0	33.2	69.8	33.2	61.9	62.4	91.9	17.5
2 1/2	190	149.3	22.2	8	25.4	100.0	38.1	76.2	38.1	74.6	75.4	104.6	19.0
3	210	168.1	22.2	8	28.6	117.3	42.9	79.2	42.9	90.6	91.4	127.0	20.5
4	255	200.1	22.2	8	31.8	146.0	47.7	85.8	47.7	116.0	116.8	157.2	
5	280	234.9	22.2	8	35.0	177.8	50.8	98.5	50.8	143.7	144.5	185.6	
6	320	269.7	22.2	12	36.6	206.2	52.3	98.5	52.3	170.6	171.4	215.9	
8	380	330.2	25.4	12	41.3	260.3	61.9	111.2	61.9	221.4	222.2	269.7	
10	445	387.3	28.6	16	47.7	320.5	66.5	117.3	95.2	276.3	277.3	323.8	
12	520	450.8	31.7	16	50.8	374.6	73.1	130.0	101.6	327.1	328.1	381.0	
14	585	514.3	31.7	20	54.0	425.4	76.2	142.2	111.2	359.1	360.1	412.7	
16	650	571.5	34.9	20	57.2	482.6	82.5	146.0	120.6	410.4	411.2	469.9	
18	710	628.6	34.9	24	60.4	533.4	88.9	158.7	130.0	461.7	462.2	533.4	
20	775	685.8	34.9	24	63.5	587.2	95.2	162.0	139.7	513.0	514.3	584.2	
24	915	812.8	41.3	24	69.9	701.5	106.4	168.1	152.4	615.9	615.9	692.1	

General Note : All Dimensions are in millimeters.

1) Thickness 'C' is inclusive Raised Face Thickness of 1.6 MM. For Class 150 and Class 300.

DIMENSION OF FLANGES TO ASTM / ANSI B 16.5



DIMENSIONS OF CLASS 600 FLANGES ASTM / ANSI B16.5

(in mm)

Nominal Size Inch	Flange Dia O	Dia of Bolt Circle A	Dia of Bolt Holes D	No. of HOLES	Thk of Flange C	Dia of Hub E	Length through Hub			Dia of Bore		Dia of R/F R	Depth of Socket F
							S/O&S/W Y	W/N Y	L/J Y	S/O&S/W B	L/J B		
1/2	95	66.5	15.9	4	14.3	38.1	22.3	52.3	22.2	22.3	22.8	35.0	9.6
3/4	115	82.5	19.0	4	15.9	47.7	25.4	57.1	25.4	27.6	28.2	42.9	11.1
1	125	88.9	19.0	4	17.5	53.8	26.9	61.9	26.9	34.5	35.0	50.8	12.7
1 1/4	135	98.5	19.0	4	20.7	63.5	28.4	66.5	28.4	43.1	43.6	63.5	14.2
1 1/2	155	114.3	22.2	4	22.3	69.8	31.7	69.8	31.7	49.5	50.0	73.1	15.7
2	165	127.0	19.0	8	25.4	84.0	36.5	73.1	36.5	61.9	62.4	91.9	17.5
2 1/2	190	149.3	22.2	8	28.6	100.0	41.1	79.2	41.1	74.6	75.4	104.6	19.0
3	210	168.1	22.2	8	31.8	117.3	45.9	82.5	45.9	90.6	91.4	127.0	20.5
4	275	215.9	25.4	8	38.1	152.4	53.8	101.6	53.8	116.0	116.8	157.2	-
5	330	266.7	28.6	8	44.5	188.9	60.4	114.3	60.4	143.7	144.5	185.6	-
6	355	292.1	28.6	12	47.7	222.2	66.5	117.3	66.5	170.6	171.4	215.9	-
8	420	349.2	31.7	12	55.6	273.0	76.2	133.3	76.2	221.4	222.2	269.7	-
10	510	431.8	34.9	16	63.5	342.9	85.8	152.4	111.2	276.3	277.3	323.8	-
12	560	488.9	34.9	20	66.7	400.0	91.9	155.4	117.3	327.1	328.1	381.0	-
14	605	527.0	38.1	20	69.9	431.8	93.7	165.1	127.0	359.1	360.1	412.7	-
16	685	603.2	41.3	20	76.2	495.3	106.4	177.8	139.7	410.4	411.2	469.9	-
18	745	654.0	44.4	20	82.6	546.1	117.3	184.1	152.4	461.7	462.2	533.4	-
20	815	723.9	44.4	24	88.9	609.6	127.0	190.5	165.1	513.0	514.3	584.2	-
24	940	838.2	50.8	24	101.6	717.5	139.7	203.2	184.1	615.9	615.9	692.1	-

DIMENSIONS OF CLASS 900 FLANGES ASTM / ANSI B16.5

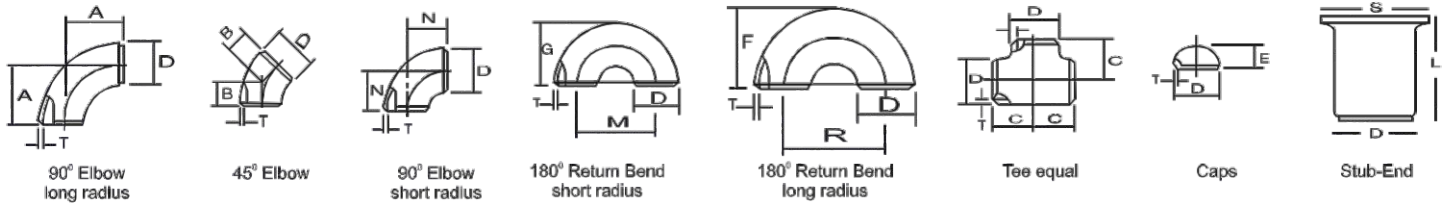
(in mm)

Nominal Size Inch	Flange Dia O	Dia of Bolt Circle A	Dia of Bolt Holes D	No. of HOLES	Thk of Flange C	Dia of Hub E	Length through Hub			Dia of Bore		Dia of R/F R	Depth of Socket F
							S/O&S/W Y	W/N Y	L/J Y	S/O&S/W B	L/J B		
1/2	120	82.5	22.2	4	22.3	38.1	31.7	60.4	31.7	22.3	22.8	35.0	
3/4	130	88.9	22.2	4	25.4	44.4	35.0	69.8	35.0	27.6	28.2	42.9	
1	150	101.6	25.4	4	28.6	52.3	41.1	73.1	41.1	34.5	35.0	50.8	
1 1/4	160	111.2	25.4	4	28.6	63.5	41.1	73.1	41.1	43.1	43.6	63.5	
1 1/2	180	123.9	28.6	4	31.8	69.8	44.4	82.5	44.4	49.5	50.0	73.1	
2	215	165.1	25.4	8	38.1	104.6	57.1	101.6	57.1	61.9	62.4	91.9	
2 1/2	245	190.5	28.6	8	41.3	123.9	63.5	104.6	63.5	74.6	75.4	104.6	
3	240	190.5	25.4	8	38.1	127.0	53.8	101.6	53.8	90.6	91.4	127.0	
4	290	234.9	31.7	8	44.5	158.7	69.8	114.3	69.8	116.0	116.8	157.2	
5	350	279.4	34.9	8	50.8	190.5	79.2	127.0	79.2	143.7	144.5	185.6	
6	380	317.5	31.7	12	55.6	234.9	85.8	139.7	85.8	170.6	171.4	215.9	
8	470	393.7	38.1	12	63.5	298.4	101.6	162.0	114.3	221.4	222.2	269.7	
10	545	469.9	38.1	16	69.9	368.3	107.9	184.1	127.0	276.3	277.3	323.8	
12	610	533.4	38.1	20	79.4	419.1	117.3	200.1	142.7	327.1	328.1	381.0	

General Note : All Dimensions are in millimeters.

1) Thickness 'C' is Exclusive of Raised Face Thickness of 6.35 MM. For Class 600 and Class 900.

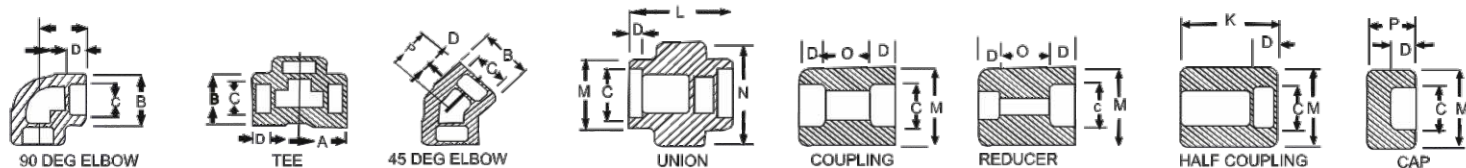
DIMENSIONS OF BUTT-WELDING FITTING ANSI B 16.9/B 16.28



Nominal Pipe Size		Outside Diameter	Center to Face				Back to Face			Center to Center			Length 'L'	
Inch.	mm	D	A	B	C	N	E	F	G	R	M	S	MSS SP43	ANSI B 16.9
1/2	15	21.3	38	16	25	—	25	48	—	76	—	34.9	50.8	76.2
3/4	20	26.7	29	11	29	—	25	43	—	57	—	42.8	50.8	76.2
1	25	33.4	38	22	38	25	38	56	41	76	51	50.8	50.8	101.6
1 1/4	32	42.2	48	25	48	32	38	70	52	95	64	63.5	50.8	101.6
1 1/2	40	48.3	57	29	57	38	38	83	62	114	76	73	50.8	101.6
2	50	60.3	76	35	64	51	38	106	81	152	102	92	63.5	152.4
2 1/2	65	73	95	44	76	64	38	132	100	191	127	104.8	63.5	152.4
3	80	88.9	114	51	86	76	51	159	121	229	152	127	63.5	152.4
3 1/2	90	101.6	133	57	95	89	64	184	140	267	178	139.7	76.2	152.4
4	100	114.3	152	64	105	102	64	210	159	305	203	157.2	76.2	152.4
5	125	141.3	190	79	124	127	76	262	197	381	254	185.7	76.2	203.2
6	150	168.3	229	95	143	152	89	313	237	457	305	215.9	88.9	203.2
8	200	219.1	305	127	178	203	102	414	313	610	406	270	101.6	203.2
10	250	273.1	381	159	216	254	127	518	391	762	508	324	127.0	254.0
12	300	323.9	457	190	254	305	152	619	467	914	610	381	152.4	254.0
14	350	355.6	533	222	279	356	165	711	533	1067	711	412.8	152.4	305.0
16	400	406.4	610	254	305	406	178	813	610	1219	813	470	152.4	305.0
18	450	457.2	686	286	343	457	203	914	686	1372	914	533.4	152.4	305.0
20	500	508.0	762	318	381	508	229	1016	762	1524	1016	584.2	152.4	305.0
22	550	559.0	838	343	419	559	254	1118	838	1676	1118	614.4	152.4	305.0
24	600	610.0	914	381	432	610	267	1219	914	1829	1219	692.2	152.4	305.0
26	650	660.0	991	406	495	660	267							
28	700	711.0	1067	438	521	711	267							
30	750	762.0	1143	470	559	762	267							
32	800	813.0	1219	502	597	813	267							
34	850	864.0	1295	533	635	864	267							
36	900	914.0	1372	565	673	914	267							
38	950	965.0	1448	600	711	965	305							
40	1000	1016.0	1524	632	749	1016	305							
42	1050	1067.0	1600	660	762	1067	305							
44	1100	1118.0	1676	695	813	1118	343							
46	1150	1168.0	1753	727	851	1168	343							
48	1200	1219.0	1829	759	889	1219	343							

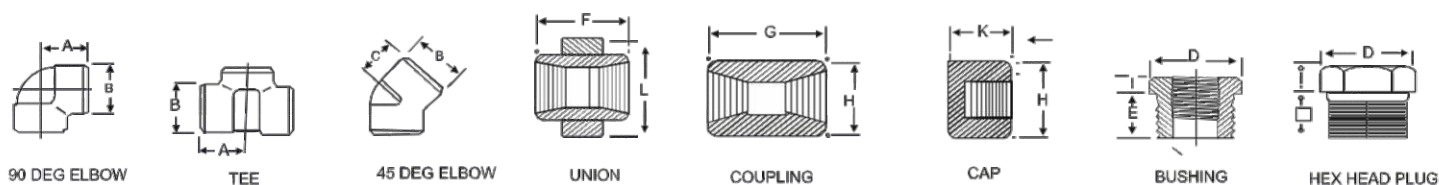


SOCKET WELD FITTING TO ANSI B-16.11



NOM BORE	PIPE O.D.	3000 LBS.									COMMON FACTORS				6000 LBS.				
		A	B	K	J	L	M	N	P	Q	C	D	O	O	A	B	M	K	N
1/8"	10.3	22	18.5	26	16	40	17.3	32	15	10	10.7	10	5	8	22	22	20	25	46
1/4"	13.7	22	22	26	18	43	21.2	32	15	10	14.1	10	5	8	27	25	24	25	51
3/8"	17.2	25	25	26	19	48	25.4	36	16.5	10	17.6	10	3	9	27	28	28	26	60
1/2"	21.3	27	32	30	21	51	31	43	16.5	10	21.7	10	6	13	31	34	34	31	72
3/4"	26.7	34	38	36	24	57	37	50	19.5	13	27	13	6	13	37	42	41	35	80
1"	33.4	37	46	40	25	64	45.2	60	22.5	13	33.8	13	9	17	42	50	50	40	94
1 1/4"	42.2	42	56	40	29	70	55	70	22.5	13	42.6	13	9	17	47	59	58	41	100
1 1/2"	48.3	47	62	40	30	79	61.4	78	24	13	48.7	13	9	17	53	67	66	43	122
2"	60.3	56	75	52	37	89	75	95	29	13	61.2	16	15	23	59	84	83	55	-
2 1/2"	73.02	60	92	52	48	114	91.3	125	32	16	73.8	16	14	24	-	102	-	56	-
3"	89.00	76	110	52	51	127	108.8	140	35	16	89.8	16	14	24	-	121	-	58	-
4"	114.50	88	137	58	-	150	136.9	-	32	19	115.5	19	14	24	-	152	-	64	-

FORGED SCREWED FITTING TO ANSI B-16.11 3000/6000 LBS. THREADED TO ASA B 2.1



NOM BORE	PIPE O.D.	3000 L.B.S.							COMMON FACTORS						6000 L.B.S				
		A	B	C	G	H	K	D	E	F	I	J	L	A	B	C	G	H	K
1/8"	10.3	21	22	17	32	16	19	11	10	40	-	6	-	25	25	19	32	22	-
1/4"	13.7	25	25	19	35	19	25	16	11	43	3	6	32	29	33	22	35	25	27
3/8"	17.2	29	33	22	38	22	25	17.5	13	48	4	8	38	33	38	25	38	32	27
1/2"	21.3	33	38	25	48	29	32	22	15	51	5	8	46	38	46	29	48	38	33
3/4"	26.7	38	46	29	51	35	37	27	16	57	6	10	51	44	56	33	51	44	38
1"	33.4	44	56	33	60	44	41	35	19	64	6	10	60	51	62	35	60	57	43
1 1/4"	42.2	51	62	35	67	57	44	44.5	21	70	7	14	72	60	75	43	67	64	46
1 1/2"	48.3	60	75	43	79	64	44	51	21	79	8	16	80	64	84	44	79	76	48
2"	60.3	64	84	45	86	76	48	63.5	22	88	9	17	94	83	102	52	86	92	51
2 1/2"	73.02	83	102	52	92	92	60	76	27	118	10	21	122	95	121	64	92	108	64
3"	89.0	95	121	64	108	108	65	89	29	121	10	65	140	106	146	79	108	127	68
4"	114.5	114	152	79	121	140	68	117.5	32	150	13	25	180	114	152	79	121	159	75

NOTE : DIMENSIONS AND SPECIFICATIONS AS PER CUSTOMERS REQUIREMENTS ARE AVAILABLE ON REQUEST
 ALL ABOVE DIMENSIONS ARE IN MM

CHEMICAL COMPOSITION OF STAINLESS STEEL

Stainless steel is essentially a low carbon steel which contains chromium at 10% or more by weight. It is this addition of chromium that gives the steel its unique stainless, corrosion resisting properties. The Corrosion resistance and other useful properties of the steel are enhanced by increased chromium content and the addition of other elements such as molybdenum, nickel and nitrogen.

Grade	Chemical Composition - Per cent									Nearest Equivalent Specification	
AISI	C Max	Mn Max	P Max	S Max	Si Max	Cr	Ni	Mo	Other Element	I.S.	En'
AUSTENITIC											
201	0.15	5.5/7.5	0.06	0.03	1	16.0/18.0	3.5/5.5	-	-	-	-
202	0.15	7.5/10	0.06	0.03	1	17.0/19.0	4.0/6.0	-	-	-	-
301	0.15	2.0max	0.045	0.040	1.0	16.0/18.0	6.0/8.0	-	-	10Cr17Ni7	-
302	0.15	2.0	0.045	0.030	1.0	17.0/19.0	8.0/10.0	-	E-4-3-4%	07Cr. 18Ni9	En-58A
302HQ	0.03	2.0	0.045	0.03	1	17.0/19.0	9.0/10.0	-	CU:3-4.0	-	-
303	0.15	2.0	0.045	0.15min	1.0	17.0/19.0	8.0/10.0	-	E-4-1% max	15Cr18Ni9	EN-58M
303EHS	0.15	2.0	0.02	0.3-0.33	1	17.0/19.0	8.0/10.0	-	CU:1% max	-	-
304	0.08	2.0	0.045	0.030	1.0	18.0/20.0	8.0/10.0	-	-	04Cr18Ni10	En-58E
304L	0.030	2.0	0.045	0.030	1.0	18.0/20.0	8.0/12.0	-	-	02Cr18Ni11	-
304H.C.	0.05	2.0	0.040	0.03	1	18.0/20.0	8.5/9.5	-	CU:2-2.50	-	-
308	0.08	2.0	0.045	0.030	1.0	18.0/21.0	10.0/12.0	-	-	-	-
308LER	0.02	1.5/2.0	0.025	0.02	0.5	19.0/21.0	9.5/11.0	-	-	-	-
309	0.20	2.0 max	0.045	0.030	1.0	22.0/24.0	12.5/15.0	-	-	20Cr24Ni12	-
309LER	0.03	1.5/2.5	0.02	0.015	0.5	23.0/25.0	12.0/14.0	-	-	-	-
309S	0.08	2.0	0.045	0.030	1.0	22.0/24.0	12.0/15.0	-	-	-	-
310	0.25	2.0	0.045	0.030	1.50	24.0/26.0	19.0/22.0	-	-	10Cr25Ni12	-
310S	0.08	2.0	0.045	0.030	1.50	24.0/26.0	19.0/22.0	-	-	-	-
314	0.25	2.0	0.045	0.030	1.5to3	25.0/26.0	19.0/22.0	-	-	-	-
316	0.08	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	-	04Cr17Ni12Mo2	En 58H
316I	0.030	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	-	03Cr17Ni12Mo2	-
316LER	0.02	1.5/2.0	0.02	0.02	0.5	18.0/20.0	12.0/14.0	2.0/2.75	-	-	-
316TI	0.080	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	Ti5xCmin	-	-
317	0.08	2.0	0.045	0.030	1.0	18.0/20.0	11.0/15.0	3.0/4.0	-	-	-
317L	0.030	2.0	0.045	0.030	1.0	18.0/20.0	11.0/15.0	3.0/4.0	N:0.10/0.22	-	-
317N	0.08	2.0	0.045	0.03	1	18.0/20.0	11.0/15.0	3.0/4.0	N:0.10/0.22	-	-
321	0.08	2.0	0.045	0.030	1.0	17.0/19.0	9.0/12.0	-	Ti5Cmin	04Cr18Ni10Ti20	En-58C
347	0.08	2.0	0.045	0.030	1.0	17.0/19.0	9.0/12.0	-	Nb/Ta10xCmin	04Cr18Ni10Nb-40	En-58G
904L	0.02	2.0	0.045	0.035	1	19.0/23.0	23.0/28.0	4.0/5.0	CU:1-2	-	-
FERRITIC											
410	0.15	1.00	0.04	0.03	1.0	11.50/13.5	0.60	-	-	12Cr13	En-56A
416	0.15	1.25	0.06	0.15min	1.0	12.0/14.0	1.25/2.50	-	-	-	-
420	0.15min	1.0	0.04	0.03	1.0	12.0/14.0	0.60	-	-	-	En-56C&D
430	0.12	1.0	0.04	0.03	1.0	16.0/18.0	0.60	-	-	07Cr17	En-60
430L	0.03	1.0	0.04	0.03	1.0	16.0/18.0	0.60	-	-	-	-
430F	0.12	1.25	0.06	0.15min	1.0	16.0/18.0	0.60	-	-	-	-
431	0.2	1.0	0.04	0.03	1.0	15.0/17.0	1.25/2.5	-	-	-	En-57
17.4PH	0.07	1.0	0.04	0.03	1.0	15.0/17.0	3.0/5.0	-	NB:0.15/0.45	-	-
DUPLEX											
1905	0.03	1.2/1.8	0.04	0.03	1.2/2	18.0/19.0	4.3/5.2	2.5/3	N:0.50/0.10	-	-
2205	0.03	2	0.03	0.02	1.0	21.0/23.0	4.5/6.5	2.5/3.5	N:0.8/0.20	-	-
2506	0.08	1.0	0.04	0.03	0.75	26.0/28.0	4/5	1.3/2	-	-	-

OUR CERTIFICATE

Government of India
Form GST REG-06
[See Rule 10(1)]

Registration Certificate

Registration Number :24CNHPP3999M123

1. Legal Name	PRAHALADRAM TULASARAM PRAJAPATI		
2. Trade Name, if any	K K METAL		
3. Constitution of Business	Proprietorship		
4. Address of Principal Place of Business	SHED NO B 1-2/1 GANESH CO OP IND SOC LTD, SURVEY NO 393/1/1 P T P NO 10 F P NO 68, NR ANANT ESTATE OPP COMMET ESTATE, KEVAL KANTA POST OFFICE ROAD RAKHIAL, AHMEDABAD, Ahmedabad, Gujarat, 380023		
5. Date of Liability			
6. Date of Validity	From	15/04/2021	Applicable
7. Type of Registration	Regular		
8. Particulars of Approving Authority	Centre Goods and Services Tax Act, 2017		
Signature			
Name	Pushpa Manuel Macwan		
Designation	Superintendent		
Jurisdictional Office	Ghatak 15 (Ahmedabad)		
9. Date of issue of Certificate	29/03/2022		

Note: The registration certificate is required to be prominently displayed at all places of Business/Office(s) in the State

This is a system generated digitally signed Registration Certificate issued based on the approval of application granted on 29/03/2022 in jurisdictional authority.

भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER: UDYAM-GJ-01-0063283

NAME OF ENTERPRISE: K K METAL

TYPE OF ENTERPRISE*

S.No.	Classification Year	Enterprise Type	Classification Date
1	2024-25	Micro	04/06/2024
2	2023-24	Micro	04/06/2024
3	2022-23	Micro	26/06/2022
4	2021-22	Micro	29/04/2021

MAJOR ACTIVITY: MANUFACTURING

SOCIAL CATEGORY OF ENTREPRENEUR: OBC

NAME OF UNIT(S): K K METAL

OFFICIAL ADDRESS OF ENTERPRISE:

S.No.	Name of Unit(s)	Address	Pin Code	State	Country
1	K K METAL	SHED NO B 1-2/1 GANESH CO OP IND SOC LTD, SURVEY NO 393/1/1 P T P NO 10 F P NO 68, NR ANANT ESTATE, KEVAL KANTA POST OFFICE ROAD RAKHIAL, AHMEDABAD, GUJARAT	380023	GUJARAT	INDIA

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE: 09/04/2021

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS: 09/04/2021

NATIONAL INDUSTRY CLASSIFICATION CODE(S):

S.No.	SIC 2 Digit	SIC 4 Digit	SIC 5 Digit	Activity
1	28	281	2819	Manufacture of other structural metal products

DATE OF UDYAM REGISTRATION: 27/04/2021

* In case of graduation (upward/reverse) of status of an enterprise, the benefits of the Government Schemes will be revised as per the provisions of Notification No. S.O. 2109/21 dated 24/06/2021 issued by MSME.

For assistance, you may contact:

1. District Industries Centre: AHMEDABAD (GUJARAT)

2. MSME-DFO: AHMEDABAD (GUJARAT)

Visit: www.msme.gov.in; www.dcmse.gov.in; www.champions.gov.in

Follow us: @minisme | @mamechampions

BE A CHAMPION with the Ministry of MSME

GLOBAL
GULF LLOYD BUSINESS ASSURANCE

MANAGEMENT SYSTEM CERTIFICATE

This is to certify that Quality Management System of

K K METAL

SHED NO B 1-2/1 GANESH CO OP IND SOC LTD, SURVEY NO 393/1/1 P T P NO 10 F P NO 68, NR ANANT ESTATE OPP COMMET ESTATE, KEVAL KANTA POST OFFICE ROAD RAKHIAL, AHMEDABAD-380023, GUJARAT, INDIA.

Has been assessed and found confirm to the requirements of

ISO 9001 : 2015

For Following Scope:

MANUFACTURER OF STAINLESS STEEL PIPE, TUBES AND PIPE FITTINGS, FORGE FITTINGS.

Certificate No.: 1011-QMS-BA-UK-07-4202-SAIC-002135-IN

This certificate is valid from 23-July-2024 until 23-July-2027 and remain valid subject to satisfactory surveillance audits on 22-July-2025 and 22-July-2026. Re-certification audit due on 23-July-2027. Certification expiry on 22-July-2027.


Certification Manager
Gulf Lloyd Business Assurance

GLBA is a div of Gulf Lloyd (UK) Limited, as CAI for System certification. GLBA is accredited by UKAS (UKAS 9001) International Accreditation Center (EUROPE). For verification of this certificate, visit: WWW.GLBA.COM. The certificate remains the property of Gulf Lloyd Business Assurance, to whom it must be returned on request. Lack of fulfillment of certification terms and conditions at all times, may render this certificate invalid.

भारत सरकार
Government of India
Ministry of Commerce and Industry
Directorate General of Foreign Trade
Office of the Additional Director General of Foreign Trade, Ahmedabad

3rd Floor, HUDCO Bhavan, Ishwar Bhuvan Road, Navrangpura, AHMEDABAD, GUJARAT, 380009

Importer-Exporter Code

This is to certify that K K METAL is issued an Importer-Exporter Code (IEC) CNHPP3999M with details as follows -

IEC	CNHPP3999M
स्वायं खाता सं./PAN	CNHPP3999M
फर्म का नाम/Firm Name	K K METAL
निगम की प्रकृति/Nature of Concern	Proprietorship
जारी करने की तारीख/Date of Issue	01/08/2024
पता/Registered Address	SURVEY NO. 393-1-1, P T P NO. 10 F P NO. 68, NR. ANANT ESTATE, OPP. COMMET ESTATE, KEVAL KANTA, POST OFFICE ROAD RAKHIAL, AHMEDABAD, AHMEDABAD, GUJARAT, 380023
आरक्षक का नाम / Name of the Signatory	Prahaladram Tulassaram Prajapati
Director / Partner Details	Refer online at https://dgft.gov.in or scan the
शाखा/दफ्ता/Branch Details	Refer online at https://dgft.gov.in or scan the

Last Modified : 01/08/2024
File Number : AHDIIECAPPLY00013354AM25

MANUFACTURER OF STAINLESS STEEL PIPE FITTINGS STOCKIST & SUPPLIERS



PIPE



ROD



FITTINGS



FLANGES



LONG STUBEND



ELBOW



TEE



NIPPLE



REDUCER



VALVE



FASTENERS



FLEXIBLE PIPE



INVESTMENT CASTING FITTINGS



PIPE FITTINGS



DAIRY FITTINGS



BALL VALVE



COUPLING



HEX NIPPLES



SS VESSELS



SS PIPE LINE



HEX BAR



SQUARE BAR



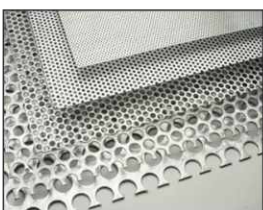
C CHANNEL



FLAT BAR



ANGLE



SS PERFORATE SHEET



SS WIRE MESH



CHEQUERED PLATE



MS FLANGES



MS FITTINGS

Industries Application



IRON & STEEL PLANT



MINES



PAPER INDUSTRIES



FERTILIZER INDUSTRIES



CHEMICAL INDUSTRIES



DISTILLERIES



CEMENT PLANT



TEXTILE INDUSTRIES



SOLAR ENERGY



BEVERAGE INDUSTRIES



OIL & GAS INDUSTRIES



REFINERY PLANT



KK METAL
PIPE & PIPE FITTING

MANUFACTURER OF
STAINLESS STEEL PIPE FITTINGS

Stockist & Suppliers of : SS 202, 304L, 316L, 310L, 321L SS Seamless & Welded Pipe & Tubes,
Pipe Fittings, Flanges, Sheets, Plates, Rods, Ferrous & Non-Ferrous Metal Etc

+91 95581 19808, 95581 81024 kkmetal88@gmail.com

1, Nr. Anant Estate, B/s Govind Patel Gall, Keval Kanta Road, Rakhilal, Ahmedabad, Gujarat-380 023



www.kkmetal88.com

