## **EFFECTIVE July 1, 2014** 150# Fittings R ALSO AVAILABLE! C-276 · MONEL AL6XN • T321 317 • ALLOY20 AND MORE Visit our Website at www.aspfitting.com See our Website for online M.T.R. information. DISTRIBUTED BY CORROSION RESISTANT



COMMODICA MEDICIANT

PRICE SCHEDULE

## PIPE FITTINGS

STAINLESS STEEL

# ALLOY STAINLESS PRODUCTS COMPANY INC

611 UNION BLVD., TOTOWA, N.J. 07512-U.S.A.

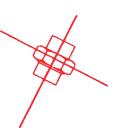
TEL: 800-631-8372 FAX: 800-432-9277 N.J.: 973-256-1616 N.J.: 973-256-5256



Ouality is more than adhering to material and dimensional specifications.

In its broadest meaning quality is a discipline that joins individual efforts into a common process toward constant improvement in all that we do.

THE ASP "Q" TEAM AIMS FOR QUALITY PAR EXCELLENCE.

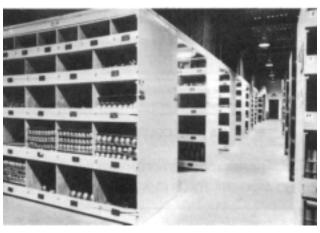












It's a long way from 1943, the year we made our debut. We're not boasting that the years have made us good — age has nothing to do with it. We're good because year after year we've always done our best to make our product and our service better than before.

We share a special pride that to this point in time we have remained an independently owned and operated enterprise. Customers know that when they deal with ASP they can easily reach the top level every time for any decision of the moment.

Today, quality controlled materials and computerized production methods absolutely assure customer and user satisfaction. The ASP brand on every product is your guarantee that it is manufactured from material supplied from periodically audited sources and in full compliance to documented inspection procedures.

In addition to quality control, ASP is committed to an ongoing quality process involving every member of our staff from the bottom to the top level. The ASP "Q" Team, as we refer to it, strives to achieve Quality Par Excellence.

Customers and users are always welcomed to see our facility in full operation.

## 150 LB. SCREWED FITTINGS TYPE 304

	Nominal Pipe Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
*	90° ELBOWS	27.33	27.33	31.87	28.47	33.98	46.65	72.03	83.37	120.32	292.14	425.04	723.05
*	TEES	42.07	42.07	45.04	42.72	45.58	58.43	98.18	125.81	156.33	419.98	639.04	1580.36
*	45° ELBOWS	40.06	40.06	40.32	40.82	44.23	51.15	71.30	92.21	130.93	412.54	604.08	1091.87
	90° ST ELBOWS	"A"	40.67	50.93	55.40	61.82	90.98	132.53	163.08	217.40	513.48	676.49	1317.61
	RED 90° ELBOWS	~	"A"	"A"	"A"	~	~	~	~	~	~	~	~
	RED TEES	~	"A"	"A"	"A"	~	~	~	~	~	~	~	~
	CROSSES	99.72	99.72	99.72	162.62	191.59	205.79	210.90	272.64	390.27	1257.03	1389.06	2169.82
*	COUPLINGS	10.54	12.48	14.95	19.87	26.49	42.72	68.72	76.81	126.99	295.74	402.49	565.19
	RED COUPLINGS	~	13.83	16.13	21.31	27.50	45.69	97.12	106.22	165.45	435.78	484.57	803.67
	HALF COUPLINGS	6.39	7.68	8.45	10.97	14.52	24.59	41.06	48.91	68.09	154.02	212.24	346.88
	CAPS	9.55	9.55	12.95	13.31	19.36	30.88	67.55	78.04	98.92	152.24	210.36	388.85
t	HEX BUSHINGS	~	15.22	15.71	19.89	27.40	39.65	69.67	90.92	125.62	269.12	349.14	771.48
t	HEX HEAD PLUGS	9.70	11.08	12.76	15.28	22.71	32.34	60.70	78.47	120.19	236.65	294.86	698.79
t	SQ HEAD PLUGS	10.91	10.91	14.78	15.19	23.81	45.58	85.64	99.11	121.11	285.12	348.05	594.67
*	UNIONS	49.94	49.94	58.41	72.85	99.80	144.90	358.27	388.79	490.81	924.35	1230.35	1695.35
	LOCKNUTS	"A"	"A"	"A"	31.22	38.06	43.16	"A"	"A"	"A"	"A"	"A"	"A"
	WELDING SPUDS*	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"
	FLUSH BUSHINGS	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"
	SWAGE NIPPLES	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"

150# ELC GRADES ARE QUOTED UPON APPLICATION. ASP DATA CATALOG 995 AVAILABLE ON REQUEST.

FORGED/BAR STOCK

**CAST** 

ASP reserves the right to change the above designation without notice but assures full quality and performance if such changes are made.

6" FULL & HALF COUPLINGS . . . P.O.A.

REFER TO PAGE 8 FOR UNIT WEIGHTS



<sup>&</sup>quot;A" INDICATES PRICE ON APPLICATION.

<sup>&</sup>quot;N/A INDICATES NOT AVAILABLE.

<sup>\*</sup>WELDING SPUDS ALSO REFERRED TO AS TANK FLANGES.

<sup>★</sup> AVAILABLE IN 150# SOCKET WELD (ECONOLITE) (SEE PAGE 6)

<sup>†</sup> ALL 2" & DOWN BUSHINGS AND PLUGS ARE DUAL CERTIFIED 304/304L

## 150 LB. SCREWED FITTINGS TYPE 316

	Nominal Pipe Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
*	90° ELBOWS	33.30	33.30	39.05	35.18	47.63	58.47	97.39	102.62	158.60	375.45	526.82	905.58
*	TEES	49.12	49.12	53.58	49.77	61.45	73.62	134.67	152.95	207.57	508.44	782.84	1470.71
*	45° ELBOWS	43.43	43.43	48.22	48.22	58.62	62.93	85.11	107.05	156.14	469.74	690.35	1247.08
	90° ST ELBOWS	"A"	52.41	63.26	69.30	78.99	117.09	169.67	201.48	277.40	679.26	801.53	1653.61
	RED 90° ELBOWS	~	"A"	"A"	"A"	~	~	?	~	~	~	~	~
	RED TEES	?	"A"	"A"	"A"	?	?	1	~	~	~	~	~
	CROSSES	123.20	123.20	123.20	175.64	242.14	259.35	280.56	318.12	438.33	1378.71	1496.94	2355.32
*	COUPLINGS	12.74	15.14	17.83	23.64	32.89	52.44	84.66	108.10	162.30	354.75	507.94	708.43
	RED COUPLINGS	?	19.86	23.64	32.26	41.09	67.97	121.69	137.20	222.29	564.75	697.90	1098.73
	HALF COUPLINGS	8.76	8.49	10.39	13.57	19.71	33.50	53.02	65.25	85.07	210.37	276.36	455.29
	CAPS	13.37	13.37	17.84	19.25	28.16	43.25	116.44	127.08	156.29	215.80	298.47	481.82
ŧ	HEX BUSHINGS	~	17.40	18.29	25.05	33.93	52.72	96.11	113.76	161.58	325.91	380.00	846.76
t	HEX HEAD PLUGS	12.47	12.53	15.60	18.96	28.49	44.72	84.13	109.46	156.57	272.20	352.25	762.03
t	SQ HEAD PLUGS	12.27	12.53	16.62	18.38	29.81	59.79	102.22	119.02	155.20	350.23	431.67	733.23
*	UNIONS	58.19	58.19	70.73	88.97	125.44	180.93	399.82	460.83	608.76	1090.72	1366.39	2245.22
	LOCKNUTS	40.14	40.14	40.14	40.14	50.41	56.58	1	?	?	~	~	~
	WELDING SPUDS*	47.13	51.00	56.10	76.27	84.04	101.82	116.92	155.87	192.60	283.84	334.28	557.06
	FLUSH BUSHINGS	"A"	"A"	"A"									
	SWAGE NIPPLES	"A"	"A"	"A"									

150# ELC GRADES ARE QUOTED UPON APPLICATION. ASP DATA CATALOG 995 AVAILABLE ON REQUEST.

† ALL 2" & DOWN BUSHINGS AND PLUGS ARE DUAL CERTIFIED 316/316L

#### FORGED/BAR STOCK

CAST

ASP reserves the right to change the above designation without notice but assures full quality and performance if such changes are made.

6" FULL & HALF COUPLINGS . . . P.O.A.

316 UNIONS ARE SUPPLIED WITH 304 NUTS (316 NUTS - P.O.A.)

REFER TO PAGE 8 FOR UNIT WEIGHTS



<sup>&</sup>quot;A" INDICATES PRICE ON APPLICATION.

<sup>&</sup>quot;N/A INDICATES NOT AVAILABLE.

<sup>\*</sup>WELDING SPUDS ALSO REFERRED TO AS TANK FLANGES.

<sup>★</sup> AVAILABLE IN 150# SOCKET WELD (ECONOLITE) (SEE PAGE 6)

## 150 LB. THREADED A20

I.P.S.	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
90° Elbows	"A"	"A"	"A"	79.02	106.44	115.70	"A"	164.35	230.44
Tees	"A"	"A"	"A"	102.18	126.61	155.19	"A"	230.44	327.55
Couplings	"A"	"A"	"A"	80.61	116.15	172.68	"A"	253.75	321.63
Half Couplings	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"
Red Couplings	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"
Caps	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"	"A"
Hex Plugs	"A"	"A"	"A"	51.25	68.59	119.78	"A"	"A"	"A"
Hex Bushings	"A"	"A"	"A"	68.61	84.95	143.05	"A"	"A"	"A"
Unions*	"A"	"A"	"A"	298.62	411.27	656.18	"A"	"A"	"A"

<sup>\*150</sup> Lb. alloy 20 unions supplied with Type 304 stainless nuts.

## 150 LB. SOCKET WELD "ECONOLITE"

SOCKET WELD FITTINGS BORED FOR SCHEDULE 10 PIPE PRESSURE TEMPERATURE RATINGS: 150 P.S.I. SATURATED STEAM 300 P.S.I. @ 150 DEG F

## 304

I.P.S.	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
90° Elbows	"A"	"A"	"A"	39.31	44.71	59.38	89.11	101.30	146.19	"A"	"A"	"A"
Tees	"A"	"A"	"A"	58.99	62.93	74.40	121.51	142.84	184.65	"A"	"A"	"A"
45° Elbows	"A"	"A"	"A"	53.83	58.34	64.25	79.00	102.09	152.00	"A"	"A"	"A"
Couplings	"A"	"A"	"A"	24.75	33.04	54.24	83.54	105.71	159.25	"A"	"A"	"A"
Unions	"A"	"A"	"A"	96.81	132.63	192.56	389.17	448.36	566.06	"A"	"A"	"A"

### 316

I.P.S.	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
90° Elbows	"A"	"A"	"A"	48.58	61.06	71.81	110.69	124.74	194.03	"A"	"A"	"A"
Tees	"A"	"A"	"A"	68.73	84.90	89.47	159.04	185.88	252.26	"A"	"A"	"A"
45° Elbows	"A"	"A"	"A"	65.70	80.92	84.12	108.35	130.11	189.70	"A"	"A"	"A"
Couplings	"A"	"A"	"A"	31.41	43.65	70.96	116.68	155.70	213.06	"A"	"A"	"A"
Unions	"A"	"A"	"A"	118.21	166.69	240.44	481.09	554.54	732.53	"A"	"A"	"A"

Red Couplings, Caps are P.O.A.

### ASP UNIT WEIGHTS

### CALCULATED IN LBS.

	SIZE	1/8"	1/4"	3/, "	1/2"	3/4"	1″	11/4"	11/2"	2"	21/2"	3″	4"
	90° Elbow	.14	.11	.19	.36	.56	.93	1.06	1.73	2.35	4.38	6.38	10.30
	Tee	.20	.14	.26	.53	.74	1.23	2.03	2.18	3.48	5.91	9.37	16.01
	45° Elbow	.12	.09	.12	.31	.56	.77	1.12	1.56	2.06	3.80	5.87	9.54
	Cross	.37	.31	.49	.85	1.19	1.49	2.03	2.97	4.31	7.55	9.81	17.80
	St. Elbow	.09	.14	.20	.32	.50	.86	1.28	1.58	2.39	5.76	7.86	15.23
150 LB.	Coupling	.05	.08	.10	.17	.26	.41	.50	.86	1.33	2.29	3.31	5.37
THREADED	Red'r Cplg.	+	+	+	+	+	+	+	+	+	+	+	+
	Half Cplg.	.03	.04	.05	.09	.14	.22	.26	.44	.68	1.16	1.69	2.70
	Сар	.05	.08	.10	.15	.28	.50	.69	.91	1.29	2.36	3.67	5.59
	Union	.24	.21	.28	.41	.62	.82	1.58	2.07	3.00	6.82	11.04	17.00
	Lock Nut	.03	.03	.08	.06	.11	.14	.22	.28	.46	.80	.91	2.22
	Weld Spud	.12	.14	.17	.17	.22	.36	.35	.60	.66	1.20	1.36	2.61

<sup>+</sup>All Red'r Cplg. weights average 20% to 40% more than straight couplings.

	Hex Bushing	_		_	_	_	_	_	 	1.50	2.08	4.59
150 LB.	Sq. Hd. Plug	_		_	_	_		_	 _	1.82	2.56	6.56
	Hex. Hd. Plug	_	_	_	_	_		_		2.58	3.61	7.20

Hex bushing weights based on single reduction.

	90° Elbow	.23	.18	.31	.55	.69	1.00	1.76	2.19	3.73	7.60	11.93	
2000 LB.	Tee	.28	.26	.42	.70	.95	1.40	2.14	3.00	4.33	9.31	13.32	
THREADED	45° Elbow	.34	.30	.35	.48	.60	.92	1.40	1.73	2.89	_	_	
	Cross	.37	.31	.49	.85	1.19	1.60	2.10	3.35	4.75			

	90° Elbow	.23	.39	.64	.93	1.52	2.44	3.06	5.68	5.61	11.03	18.83	
	Tee	.28	.50	.84	1.24	1.90	3.23	3.66	6.93	7.37	14.61	22.82	_
	45° Elbow	.34	.25	.50	.78	.86	2.06	2.18	4.41	4.51			_
	Cross	.37	.60	.90	1.54	2.41	3.71	4.98	8.68		_	_	
3000 LB.	St. Elbow	.09	.22	.35	.52	.81	1.38	_			_		_
THREADED	Coupling	.08	.11	.13	.29	.43	.85	1.58	2.16	2.97	4.86	6.67	12.37
	Red'r Cplg.	+	+	+	+	+	+	+	+	+	+	+	+
	Half Cplg.	.05	.06	.08	.15	.22	.43	.78	1.09	1.50	2.50	3.41	6.25
	Сар	.06	.10	.11	.24	.41	.77	1.29	1.71	2.48	4.70	6.35	15.19
	Union	.36	.32	.49	.79	1.06	1.72	2.60	3.33	5.20	8.36	11.78	_

<sup>+</sup>All Red'r Cplg. weights average 20% to 40% more than straight couplings.



### **ASP UNIT WEIGHTS**

#### CALCULATED IN LBS.

	SIZE	1/8"	1/4"	3/8″	1/2"	3/4"	1″	1¼″	11/2"	2"	21/2"	3″	4"
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	90° Elbow	.35	.68	.95	1.72	2.76	3.79	6.66	8.39	13.74	23.24	_	_
	Tee	.44	.91	1.36	2.21	3.57	5.11	8.25	10.46	17.54	30.56	_	_
C000 LD	45° Elbow	.28	.57	.86	1.41	2.25	2.81	5.28	6.16		_		_
6000 LB.	Coupling	.18	.23	.40	.69	.95	1.90	2.27	4.11	6.17	9.25	13.65	_
THREADED	Red'r Cplg.	+	+	+	+	+	+	+	+	+	+	+	_
	Half Cplg.	.10	.12	.21	.35	.49	.98	1.15	2.08	3.15	4.65	6.85	
	Сар	.13	.19	.34	.55	.78	1.62	1.91	3.07	4.53	7.37	11.32	_

<sup>+</sup> All Red'r Cplg. weights average 20% to 40% more than straight couplings.

ANSI B 16.11	Hex Bushing	_	.03	.05	.08	.15	.21	.32	.33	.73	_	_	_
150-3000	Sq. Hd. Plug	.02	.03	.07	.12	.20	.33	.68	.88	1.44			_
6000	Hex. Hd. Plug	.04	.06	.11	.17	.30	.48	.86	1.28	2.11	_	_	_

Hex bushing weights based on single reduction.

	90° Elbow	.20	.16	.31	.50	.69	1.16	1.69	2.42	3.66	7.34	11.61	
	Tee	.28	.23	.39	.68	.91	1.44	2.19	2.74	4.43	8.49	13.85	_
	45° Elbow	.19	.17	.27	.44	.61	.88	1.43	1.59	2.91	_		_
3000 LB.	Cross	.27	.28	.47	.74	1.16	1.57	2.53	3.59	5.50	_	_	_
SOCKET	Coupling	.09	.11	.18	.28	.39	.76	1.01	1.28	2.05	3.12	3.83	7.13
WELD	Red'r Cplg.	+	+	+	+	+	+	+	+	+	+	+	+
	Half Cplg.	.11	.13	.21	.33	.48	.86	1.18	1.45	2.37	3.45	4.21	7.84
	Сар	.05	.09	.13	.23	.36	.61	.96	1.19	1.89	2.79	4.43	7.86
	Union	.36	.32	.49	.79	1.08	1.73	2.56	3.34	5.12	8.36	11.78	_

<sup>+</sup> All Red'r Cplg. weights average 20% to 40% more than straight couplings.

	90° Elbow	.37	.32	.60	.96	1.67	2.54	3.18	6.13	7.27	12.06	21.16	_
	Tee	.44	.41	.81	1.18	2.03	3.39	4.22	7.66	8.60	15.09	25.24	
6000 LB.	45° Elbow	.25	.24	.48	.76	1.21	2.20	2.34	4.69	4.91	_	_	
SOCKET	Coupling	.18	.16	.29	.49	.71	1.39	1.63	2.74	4.60	6.36	8.86	
WELD	Red'r Cplg.	+	+	+	+	+	+	+	+	+	+	+	_
	Half Cplg.	.20	.18	.32	.54	.78	1.53	1.79	3.01	5.06	6.99	9.75	_
	Сар	.13	.17	.27	.43	.58	1.18	1.41	2.50	3.83	5.24	7.71	_

<sup>+</sup> All Red'r Cplg. weights average 20% to 40% more than straight couplings.

#### ASP Terms and Conditions of Sale

- 1. Prices are subject to change without notice.
- Prices are subject to increase equal in amount to any tax we may be required to collect or pay upon the sale of our products and any tax upon us measured in whole or in part by the amount of such sale. If not included in the original invoice, such amount may be invoiced later.
- 3. Payment Terms: 1/2% 10 Days, Net 30 Days.
- 4. Carrying Charges: 1% per month (12% per annum) carrying charges on all invoices past due up to 90 days. 1-1/2% per month (18% per annum) on invoices past due 90 days or more.
- 5. All claims for shortages etc. must be made within 10 days of receipt of materials.
- 6. No order for merchandise will be rendered for less than a minimum charge of \$100.00 net.
- 7. We reserve the right to change or modify designs without notice. The workmanship and efficiency of the fittings will not, however, be jeopardized at any time.
- All Alloy Stainless products are unconditionally guaranteed against defective material or workmanship. Any defective products will be replaced free of charge or credit issued at invoice price.
   Claims for labor, repair, incidental, or consequential damages will under no circumstances be assumed or allowed.
- Goods may not be returned without permission. Standard products when returned will be credited at invoice or prevailing price, whichever is lower, subject to a minimum charge of 20% for handling. All transportation charges must be prepaid.
- 10. All orders accepted by us are strictly subject to CANCELLATION TERMS as follows: All work in progress and all material ordered by us to fill such orders, whether received by us, or covered by commitments we have made, shall be paid to us on the basis of all costs incurred plus 25%.
- All orders are subject to acceptance by us only at our home office at Totowa Borough, New Jersey.
- 12. Stenographic and clerical errors are subject to corrections.
- 13. Freight Allowance: applies to motor truck carrier rates on all individual orders to one destination totalling \$2,500.00 NET for domestic shipments only, excluding Hawaii, Alaska, and Puerto Rico. A nominal shipping and handling charge will be applied to all orders that do not meet our freight terms.
- Acceptance of shipment by rail or common carrier shall constitute delivery to the purchaser and we shall not be held responsible for material losses or damage in transit.

#### **CERTIFICATE AND/OR TEST CHARGES**

Unit or Line Net Charges for special requirements are indicated in our quotations, when required. These charges, when applicable, are in addition to the price of the item.