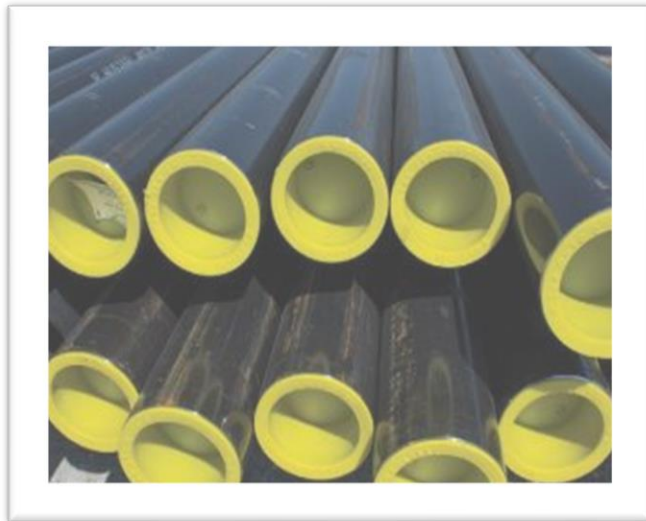




JABO SUPPLY

CARBON STEEL



PIPE & FITTINGS

AVAILABLE IN BOTH

IMPORT

DOMESTIC

JABO SUPPLY



5 LOCATIONS

PARKERSBURG, WV

10085 Emerson Avenue 26102
(304) 464-4400

MORGANFIELD, KY

118 Jim Veatch Road, 42437
(270) 389-3430

HUNTINGTON, WV

209 Braley Street, 25705
(304) 736-8333

NORTON, VA

205 Hawthorne Drive, 24273
(276) 679-1224

BEAVER, WV (BECKLEY)

227 C&O Shop Road 25813
(304-252-0000

SINCE 1964 SERVICE IS MORE THAN A PROMISE

CARBON STEEL INDEX

CARBON STEEL PIPE	5-24	BLACK MALLEABLE FITTINGS	25-56
	PAGE #		PAGE #
Index	6	Index	26
Import Picture Index	7	Import Picture Index Class 150	27
Domestic Picture Index	8	Domestic Picture Index Class 150	28
Types of CS Pipe	9	Domestic Picture Index Class 300	29
Commonly Asked Questions	10-11	Types of Malleable Fittings	30
How to Order CS Pipe	11	Most Commonly Asked Questions	31
Common Types of Connections	11	Import Class 150 Fittings	32-39
Pipe Chart	12-13	Domestic Class 150 Fittings	41-47
Import CS Pipe	14-18	Domestic Class 300 Fittings	48-54
Domestic CS Pipe	19-22		
CARBON STEEL PIPE NIPPLES	57-72	CARBON STEEL FORGED FITTINGS	73-108
	PAGE #		PAGE #
Index	58	Index	74
Import Picture Index	59	Most Commonly Asked Questions	75
Domestic Picture Index	59	THREADED	77-98
Import Sch 40 A53	60-62	Threaded Import Picture Index	78
Import Sch 80 XH A53	63-65	Threaded Domestic Picture Index	79
Import Sch 80 XH A106	66-68	Threaded -Types of Threaded Fittings	80
Domestic Steel Nipples (Non Stock)	69	Threaded Import Forged Steel Fittings	81-89
Import Swage Nipples	70-71	Threaded Domestic Forged Steel Fittings	90-98
CARBON STEEL O'LETS	109-118	SOCKET WELD	99-106
	PAGE #	Socket Weld Import Weld Picture Index	100
Index	110	Socket Weld-Types of Socket Weld Fittings	101
Picture Index	111	Socket Weld Import Fittings	102-105
O'Let Fittings	112-113	Socket Weld Domestic Fittings (Non Stock)	106
O'Let & Pipe Sizes Available	114	CARBON STEEL FLANGES	163-211
Specifications	115-116		PAGE #
CARBON STEEL WELD FITTINGS	119-162	Index	164
	PAGE #	Import Picture Index	165-166
Index	120	Domestic Pic Index	167-168
Import Picture Index	121-124	Types of Carbon Steel Flanges	169
Domestic Picture Index	125-127	Difference Between A105 & A105N	170
Types of Weld Fittings	128	Most Commonly Asked Questions	171
Most Commonly Asked Questions	129	Difference Between Raised Face / Flat Face	172
How to Order Weld Fittings	130	How to Order / Measure a Flange	173
Import Weld Fittings	131-150	Pressure Rating Chart	174
Domestic Weld Fittings	151-161	Import Flanges	175-188
		Domestic Flanges	189-200
		Flange Bolt Pattern- Lengths / Flange	201-209
		Dimension / Flange Weight	

CARBON STEEL INDEX

CARBON STEEL FLANGES PACKS / GASKETS	211-231	QUICK VIC SMALL DIAMETER (QVSD)	232-251
	PAGE#		PAGE#
Picture Index	213-214	Couplings	233
Flange Packs	215	Elbows	233
Flange Packs -Butterfly Valves	216	Threaded Adapters	233
Red Rubber Gaskets	217	Tee	233
Non Asbestos Gasket	218	Reducing Tee	234
Red Rubber Gasket BY Roll	219	Reducing Couplings	234
Non Asbestos Gasket BY Roll	219	Caps	234
Black Neoprene	220	Ball Valve	234
Spiraseal	220	Cutting Tool	234
Spiral Wound	221	Specifiations	236-250
Insulator Neoprene	222		
Teflon	222		
Santoprene	222		
Fasteners	223-224		
Flange Bolt Pattern & Length	225-227		
Bolting to Knife Gate Valve	228		
Bolting to HP Butterfly Valve	229		



AVAILABLE IN BOTH

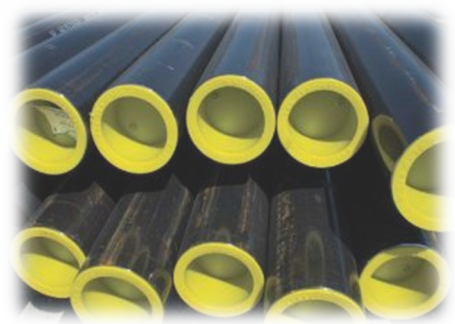
IMPORT

DOMESTIC

CARBON STEEL PIPE





AVAILABLE IN BOTH
CW A53
ERW A53
SEAMLESS A106
ALL SCHEDULES AVAILABLE
40, 80XH, TRU 80(80), 120, 160, XX



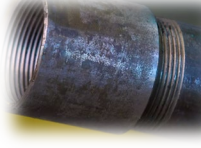
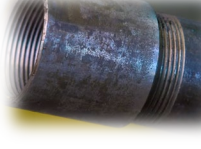
INDEX

	PAGE #
Picture Index Import Pipe	7
Picture Index Domestic Pipe	8
Types of Carbon Steel Pipe	9
Commonly Asked Questions about CS Pipe	10
How to Order Steel Pipe	11
Common Type of Pipe Connections	11
IPS Pipe Chart	12-13

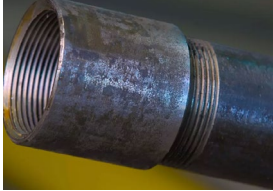








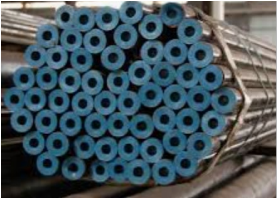
PLAIN END PIPE

TYPES	IMPORT CARBON STEEL PLAIN END PIPE SCHEDULE							
	LIGHT WEIGHT	40 STD	80 XH	Tru 80	120	160	XXH	
A53	18	15	16	N/A	N/A	N/A	N/A	
A106 SEAMLESS	NON STOCK	15	16	16	17	17	17	
MTR MUST BE REQUESTED AT THE TIME OF ORDER								
TYPES	DOMESTIC CARBON STEEL PLAIN END PIPE SCHEDULE							
	LIGHT WEIGHT	40 STD	80 XH	Tru 80	120	160	XXH	
A53	NON STOCK	20	21	N/A	N/A	N/A	N/A	
A106 SEAMLESS	NON STOCK	20	21	21	22	22	22	
MTR MUST BE REQUESTED AT THE TIME OF ORDER								

THREADED & COUPLED (T&C)


TYPES	IMPORT CARBON STEEL T&C SCHEDULE							
		40 STD	80 XH	Tru 80	120	160	XXH	
A53		15	NON STOCK	N/A	N/A	N/A	N/A	
A106 SEAMLESS		NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	
MTR MUST BE REQUESTED AT THE TIME OF ORDER								
TYPES	DOMESTIC CARBON STEEL T&C SCHEDULE							
		40 STD	80 XH	Tru 80	120	160	XXH	
A53		20	NON STOCK	N/A	N/A	N/A	N/A	
A106 SEAMLESS		NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	
MTR MUST BE REQUESTED AT THE TIME OF ORDER								

IMPORT PICTURE INDEX

IMPORT CARBON STEEL PIPE			
SCH 40 STD T&C A53	SCH 40 PLAIN END A53	SCH 40 PLAIN END A106 SEAMLESS	SCH 40 GROOVED A53
			
PAGE 12	PAGE 12	PAGE 12	PAGE 12
IMPORT CARBON STEEL PIPE			
SCH 80XH PLAIN END A53	SCH 80XH PLAIN END A106 SEAMLESS	SCH TRU 80 (80) PLAIN END A106 SEAMLESS	SCH 120 PLAIN END A106 SEAMLESS
			
PAGE 13	PAGE 13	PAGE 13	PAGE 14
IMPORT CARBON STEEL PIPE		IMPORT CARBON STEEL PIPE	
SCH 160 PLAIN END A106 SEAMLESS	SCH XXH PLAIN END A106 SEAMLESS	LIGHT WEIGHT BELOW SCH 40	
	XXH	LIGHT WEIGHT BELOW SCH 40	
PAGE 14	PAGE 14	PAGE 15	

DOMESTIC PICTURE INDEX

DOMESTIC CARBON STEEL PIPE			
SCH 40 STD T&C A53	SCH 40 PLAIN END A53	SCH 40 PLAIN END A106 SEAMLESS	SCH 80 XH A53
			
PAGE 20	PAGE 20	PAGE 20	PAGE 21

DOMESTIC CARBON STEEL PIPE			
SCH 80 XH A106 SEAMLESS	SCH TRU 80 (80) A106 SEAMLESS	SCH 120 A106 SEAMLESS	SCH 160 A106 SEAMLESS
			
PAGE 21	PAGE 21	PAGE 22	PAGE 22

DOMESTIC CARBON STEEL PIPE	
SCH XXH A106 SEAMLESS	
XXH	
PAGE 22	

SCHEDULES OF CARBON STEEL PIPE

<i>SCHEDULE 40</i>	<i>SCHEDULE 40</i>	<i>SCHEDULE 80XH</i>	<i>SCHEDULE 80XH</i>
SCHEDULE 40 STD A53	SCHEDULE 40 STD SEAMLESS A106	SCHEDULE 80XH A53	SCHEDULE 80XH SEAMLESS A106
Available sizes 1/8"-48"	Available sizes 1/8"-48"	Available sizes 1/8"-48"	Available sizes 1/8"-48"

<i>SCHEDULE TRU 80</i>	<i>SCHEDULE 120</i>	<i>SCHEDULE 160</i>	<i>SCHEDULE XX</i>
SCHEDULE TRU80 SEAMLESS A106	SCHEDULE 120 SEAMLESS A106	SCHEDULE 160 SEAMLESS A106	SCHEDULE XXH SEAMLESS A106
Available sizes 10"-24"	Available 4"-24"	Available 1/2"-24"	Available 1/2"-12"

OTHER SCHEDULES ARE AVAILABLE (NON STOCK)			AVAILABLE IMPORT	AVAILABLE DOMESTIC
10	60	non stock		
20	100			
30	140			
CALL JABO SUPPLY				

MOST COMMONLY ASKED QUESTIONS

DUE TO THE MANY DIFFERENT PIPE CONFIGURATIONS JABO SUPPLY WILL NEED TO KNOW THE FOLLOWING INFORMATION WHEN ORDERING PIPE.

1. (QUESTION) TYPE OF STEEL PIPE?

1. CARBON STEEL?
2. GALVANIZED?
3. STAINLESS STEEL?

2. (QUESTION) WHAT SCHEDULE ? (REF TO PIPE CHART FOR DIFFERENT SCH

Pipe schedule (SCH) is **how the wall thickness of a pipe is described**. It is not an actual measurement, but a guide number based on a wall thickness formula. Two pipes of the same diameter may have different schedules, which means they have a different wall thickness. **THE GREATER THE SCH THE THICKER THE PIPE**

**PLEASE LET YOUR CSR KNOW
WHEN ORDERING IF AN MTR IS
REQUIRED.**

3. (QUESTION) WHAT TYPE OF END CONNECTION? (See next page for pictures of each)

HOW WILL THE PIPE BE ASSEMBLED? (See next page for pictures of each)

1. **Plain End (PE)** - Uses weld fittings (butt weld or socket weld fittings)

*Socket weld is typically used for smaller diameter pipe.

*Butt weld is typically used for larger diameter (4" and up).

2. **Threaded & Coupled (T&C)** - Uses malleable steel or forged steel fittings.

3. **Flanged**- Uses flanges to connect pipe.

4. **Grooved Connections**- The pipe groove is made by forming or machining an actual groove into the end of two pipes. A coupling is required to join the pipe.

4. (QUESTION) HOW IS IT MANUFACTURED?

A. ASTM A53

(ERW) Electric Resistance Welding pipe is manufactured by rolling metal and then welding it longitudinally across its length.

(CW) Continuous Weld-Pipe that is produced with a continuous weld, typically small diameter pipe. The steel is formed into the pipe shape while hot, then the edges are fused or welded together. CW simply means that the laser remains on continuously until stopped.

B. ASTM A106 SEAMLESS

Seamless pipe is commonly used in the construction of oil and gas refineries, power plants, petrochemical plants, boilers, and ships where the piping must transport fluids and gases that exhibit higher temperatures and pressure levels.

Generally, seamless is used for applications that demand high pressure and ERW is utilized for the services of low to medium pressure

AVAILABLE IN BOTH

IMPORT



DOMESTIC



MOST COMMONLY ASKED QUESTIONS

5. (QUESTION) IS A MTR REQUIRED WITH THE DELIVERY OF THE PIPE ?

A material test report (MTR), sometimes called a mill/manufacturer test report, is a certified record of a steel product's physical and chemical properties and in some cases, raw material origins. These properties are measured against standards set up by the American National Standards Institute (ANSI) or the American Society of Mechanical Engineers (ASME), in order to control and ensure quality. An MTR ensures proper compliance with these standards, and presents the buyer with documentary proof of that compliance.

MTR MUST BE REQUESTED AT THE TIME OF ORDER.

**NORMALLY THE MINING INDUSTRY DOES NOT REQUIRE MTR.*

HOW TO ORDER STEEL PIPE

A circular logo for Jabo Supply. The outer ring contains the text "JABO SUPPLY" at the top and "Industrial PVF" at the bottom, separated by dots. In the center, it says "Since '64".

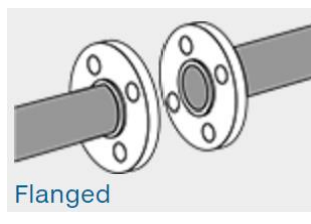
HOW TO ORDER STEEL PIPE

1. Provide Jabo Part number to your Jabo CSR

2. Provide the below information to your Jabo CSR

#1	#2	#3	#4	#5	#6
WHERE MFR	ENDS	TYPE	TYPE OF STEEL	PIPE SIZE	PIPE SCHEDULE
1. IMPORT	PLAIN END	*A53	CARBON	1/8"-48"	10, 10S
2. DOMESTIC	THREADED	SEAMLESS	GALVANIZED		40, STD, 40S
	GROOVED		STAINLESS		80, XH, 80S
* A53 ERW OR CW CHOOSE ONE EACH FROM EACH COLUMN					120
					160
					XX

COMMON TYPES OF PIPE CONNECTIONS




EXAMPLE OF GROOVED PIPE



GROOVED COUPLER NEEDED WITH GROOVED PIPE

IPS PIPE CHART

Pipe Size	OD	ID	Schedules	Wall		Pipe Size	OD	ID	Schedules	Wall		
1/8"	0.405	0.307	10, 10S	0.049		2 1/2"	2.875	2.635	10, 10S	0.12		
		0.269	40, STD, 40S	0.068				2.469	40, STD, 40S	0.203		
		0.215	80, XH, 80S	0.095				2.323	80, XH, 80S	0.276		
1/4"	0.54	0.41	10, 10S	0.065				2.125	160	0.375		
		0.364	40, STD, 40S	0.088				1.771	XX	0.552		
		0.302	80, XH, 80S	0.119		3"	3.5	3.26	10, 10S	0.12		
3/8"	0.675	0.545	10, 10S	0.065				3.068	40, STD, 40S	0.216		
		0.493	40, STD, 40S	0.091				2.9	80, XH, 80S	0.3		
		0.423	80, XH, 80S	0.126				2.624	160	0.438		
1/2"	0.84	0.674	10, 10S	0.083				3 1/2"	4	2.3	XX	0.6
		0.622	40, STD, 40S	0.109		3.76	10, 10S			0.12		
		0.546	80, XH, 80S	0.147		3.548	40, STD, 40S			0.226		
		0.466	160	0.187		3.364	80, XH, 80S			0.318		
		0.252	XX	0.294		2.728	XX			0.636		
3/4"	1.05	0.884	10, 10S	0.083		4"	4.5	4.26	10, 10S	0.12		
		0.824	40, STD, 40S	0.113				4.026	40, STD, 40S	0.237		
		0.742	80, XH, 80S	0.154				3.826	80, XH, 80S	0.337		
		0.614	160	0.218				3.624	120	0.438		
		0.434	XX	0.308				3.438	160	0.531		
1"	1.315	1.097	10, 10S	0.109		4 1/2"	5	3.152	XX	0.674		
		1.049	40, STD, 40S	0.133				4.506	STD, 40S	0.247		
		0.957	80, XH, 80S	0.179				4.29	XH, 80S	0.355		
		0.815	160	0.25				5"	5.563	5.295	10, 10S	0.134
		0.599	XX	0.358						5.047	40, STD, 40S	0.258
1 1/4"	1.66	1.442	10, 10S	0.109		4.813	80, XH, 80S			0.375		
		1.38	40, STD, 40S	0.14		4.563	120			0.5		
		1.278	80, XH, 80S	0.191		4.313	160			0.625		
		1.16	160	0.25		4.063	XX	0.75				
		0.896	XX	0.382		6"	6.625	6.357	10, 10S	0.134		
1 1/2"	1.9	1.682	10, 10S	0.109	6.065			40, STD, 40S	0.28			
		1.61	40, STD, 40S	0.145	5.761			80, XH, 80S	0.432			
		1.5	80, XH, 80S	0.2	5.501			120	0.562			
		1.337	160	0.281	5.189			160	0.719			
		1.1	XX	0.4	4.897	XX	0.864					
2"	2.375	2.157	10, 10S	0.109	8"	8.625	8.329	10, 10S	0.148			
		2.067	40, STD, 40S	0.154			8.125	20	0.25			
		1.939	80, XH, 80S	0.218			8.071	30	0.277			
		1.687	160	0.344			7.981	40, STD, 40S	0.322			
		1.503	XX	0.436			7.813	60	0.406			
*80, XH AND 80S ARE THE SAME SIZE UNTIL 10" THEN XH AND 80S ARE THE SAME AND 80(TRU) IS LARGER				7.625			80, XH, 80S	0.5				
				7.439			100	0.594				
				7.189			120	0.719				
				7.001			140	0.812				
				6.813			160	0.906				
				6.875			XX	0.875				
80 ON PIPE CHART IS REF TO AS TRU 80 IN THE INDUSTRY												

IPS PIPE CHART

Pipe Size	OD	ID	Schedules	Wall	Pipe Size	OD	ID	Schedules	Wall
10"	10.75	10.42	10, 10S	0.165	18"	18	17.624	10S	0.188
		10.25	20	0.25			17.5	10	0.25
		10.136	30	0.307			17.375	20	0.312
		10.02	40, STD, 40S	0.365			17.25	STD, 40S	0.375
		9.75	60, XH, 80S	0.5			17.124	30	0.438
		9.564	80	0.594			17	XH, 80S	0.5
		9.314	100	0.719			16.876	40	0.562
		9.064	120	0.844			16.5	60	0.75
		8.75	140, XX	1			16.126	80	0.938
		8.5	160	1.125			15.688	100	1.156
12"	12.75	12.39	10, 10S	0.18	20"	20	15.25	120	1.38
		12.25	20	0.25			14.876	140	1.562
		12.09	30	0.33			14.438	160	1.781
		12	STD, 40S	0.375			19.564	10S	0.218
		11.938	40	0.406			19.5	10	0.25
		11.75	XH, 80S	0.5			19.25	20, STD, 40S	0.375
		11.626	60	0.562			19	30, XH, 80S	0.5
		11.376	80	0.688			18.812	40	0.594
		11.064	100	0.844			18.376	60	0.812
		10.75	120, XX	1			17.938	80	1.031
14"	14	10.5	140	1.125	24"	24	17.438	100	1.281
		10.126	160	1.312			17	120	1.5
		13.624	10S	0.188			16.5	140	1.75
		13.5	10	0.25			16.064	160	1.969
		13.375	20	0.312			23.5	10, 10S	0.25
		13.25	30, STD, 40S	0.375			23.25	20, STD, 40S	0.375
		13.124	40	0.438			23	XH, 80S	0.5
		13	XH, 80S	0.5			22.876	30	0.562
		12.814	60	0.594			22.626	40	0.688
		12.5	80	0.75			22.064	60	0.969
16"	16	12.124	100	0.938	30"	30	21.564	80	1.219
		11.814	120	1.09			20.938	100	1.531
		11.5	140	1.25			20.376	120	1.812
		11.188	160	1.406			19.876	140	2.062
		15.624	10S	0.188			19.314	160	2.344
		15.5	10	0.25			29.376	10, 10S	0.312
		15.375	20	0.312			29.25	STD, 40S	0.375
		15.25	30, STD, 40S	0.375			29	20, XH, 80S	0.5
		15	40, XH, 80S	0.5			28.75	30	0.625
		14.688	60	0.656	36"	36	35.376	10	0.312
16"	16	14.314	80	0.844			35.25	STD, 40S	0.375
		13.938	100	1.031			35	XH, 80S	0.5
		13.564	120	1.22			34.75	30	0.625
16"	16	13.124	140	1.438	48"	48	47.25	STD, 40S	0.375
		12.814	160	1.594			47	XH, 80S	0.5

*XH= AKA Sch 80XH / 80 on pipe AKA Tru 80 (XH & 80 are the same size until 10")

IMPORT CARBON STEEL *PIPE*



IMPORT SCHEDULE 40 PLAIN END (A53 / A106 SEAMLESS)

T&C

IMPORT	
SCH 40 STD T&C	
JABO PART#	SIZE
101-00137	1/8"
101-00138	1/4"
101-00139	3/8"
101-00140	1/2"
101-00160	3/4"
101-00180	1"
101-00190	1-1/4"
101-00210	1-1/2"
101-00220	2"
101-00225	2-1/2"
101-00230	3"
101-00240	4"
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	
T&C- THREADED & COUPLED	

A53 VICTAULIC GROOVE

A53 IMPORT	
	
JABO PART#	SIZE
101-30000	2"
101-30005	2-1/2"
101-30010	3"
101-30015	4"
101-30020	5"
101-30025	6"
101-30030	8"

A53

IMPORT	
SCH 40 STD	
JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
101-00250	1/2"
101-00260	3/4"
101-00280	1"
101-00290	1-1/4"
101-00310	1-1/2"
101-00320	2"
101-00325	2-1/2"
101-00330	3"
101-00350	3-1/2"
101-00360	4"
101-00370	5"
101-00380	6"
101-00400	8"
101-00420	10"
101-00460	12"
101-00480	14"
101-00500	16"
101-00520	18"
101-00540	20"
101-00560	24"
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	
*Non Stock-Call Jabo Supply	

Generally, seamless is used for applications that demand high pressure and ERW is utilized for the services of low to medium pressure.

A106 SEAMLESS

IMPORT	
SCH 40 STD	
JABO PART#	SIZE
101-20090	1/8"
101-20100	1/4"
101-20110	3/8"
101-20120	1/2"
101-20140	3/4"
101-20160	1"
101-20180	1-1/4"
101-20200	1-1/2"
101-20220	2"
101-20240	2-1/2"
101-20260	3"
*	3-1/2"
101-20280	4"
101-20300	5"
101-20320	6"
101-20340	8"
101-20360	10"
101-20380	12"
101-20400	14"
101-20420	16"
101-20440	18"
101-20460	20"
101-20480	24"
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	
*Non Stock-Call Jabo Supply	



ASTM A53

ERW

Electric Resistance Welding pipe is manufactured by rolling metal and then welding it longitudinally across its length.

CW

Continuous Weld-Pipe that is produced with a continuous weld, typically small diameter pipe. The steel is formed into the pipe shape while hot, then the edges are fused or welded together. CW simply means that the laser remains on continuously until stopped.

ASTM 106 (Seamless)

Pipe is manufactured by extruding the metal to the desired length.

IMPORT SCHEDULE 80XH & TRU 80 PLAIN END

(A53 / A106 SEAMLESS)

A53

IMPORT	
SCH 80 XH	
Listed on Pipe Chart as XH	
JABO PART#	SIZE
*	1/8"
101-00730	1/4"
101-00740	3/8"
101-00750	1/2"
101-00760	3/4"
101-00780	1"
101-00790	1-1/4"
101-00810	1-1/2"
101-00820	2"
101-00825	2-1/2"
101-00830	3"
101-00835	3-1/2"
101-00840	4"
101-00850	5"
101-00860	6"
101-00880	8"
101-00900	10"
101-00920	12"
101-00940	14"
101-00960	16"
101-00980	18"
101-01020	20"
101-01040	24"
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	
*Non Stock-Call Jabo Supply	

A106 SEAMLESS

IMPORT	
SCH 80 XH	
Listed on Pipe Chart as XH	
JABO PART#	SCH
101-21090	1/8"
101-21100	1/4"
101-21110	3/8"
101-21120	1/2"
101-21140	3/4"
101-21160	1"
101-21180	1-1/4"
101-21200	1-1/2"
101-21220	2"
101-21240	2-1/2"
101-21260	3"
*	3-1/2"
101-21280	4"
101-21300	5"
101-21320	6"
101-21340	8"
101-21360	10"
101-21380	12"
101-21400	14"
101-21420	16"
101-21440	18"
101-21460	20"
*	24"
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	
*Non Stock-Call Jabo Supply	

A106 SEAMLESS

IMPORT	
TRU 80	
Listed on Pipe Chart as 80	
JABO PART#	SIZE
101-42100	10".594w
101-42120	12".687w
101-42140	14".750w
101-42160	16".844w
101-42180	18".938w
*	20" 1.031w
*	24" 1.219w
MTR ONLY AVAIL WITH NON STOCK PIPE ORDERS..LET YOUR CSR KNOW BEFORE ORDERING THAT MTR IS NEEDED.	
REF TO 80 ON PIPE CHART BEGINS AT 10"	
*Non Stock-Call Jabo Supply	



**SCH 80XH AND TRU 80
ARE THE SAME UNTIL
10" (REF TO PIPE CHART)
TRU 80 IS REF TO AS 80
ON THE PIPE CHART.**

IMPORT SCHEDULE 120 & 160

(A106 SEAMLESS)

A106 SEAMLESS

IMPORT	
SCH 120	
JABO PART#	SIZE
SCH 120 STARTS AT 4"	
101-26040	4"
101-26050	5"
101-26060	6"
101-26080	8"
101-26100	10"
101-26120	12"
101-26140	14"
101-26160	16"
101-26180	18"
101-26200	20"
101-26240	24"
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	
*Non Stock-Call Jabo Supply	

A106 SEAMLESS

IMPORT	
SCH 160	
JABO PART#	SIZE
*	1/4"
*	3/8"
101-22030	1/2"
101-22040	3/4"
101-22060	1"
101-22070	1-1/4"
101-22120	1-1/2"
101-22140	2"
*	2-1/2"
101-22145	3"
*	3-1/2"
101-22150	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	
*Non Stock-Call Jabo Supply	

A106 SEAMLESS

IMPORT	
SCH XXH	
JABO PART#	SIZE
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
MTR AVAILABLE	
*Non Stock-Call Jabo Supply	



IMPORT LIGHT WEIGHT PIPE

All OTHERS	
PLAIN END	A53
IMPORT	
<p>LIGHT WEIGHT PIPE PLAIN END.</p> <p>SEE BELOW FOR DIFFERENT SCHEDULES</p>	
JABO PART#	SIZE
101-78640	4" Sch 10
101-78660	6"SCH 10 A135
101-78676	6".188"
101-78688	8"SCH20"
101-78700	10".250W SCH20"
101-78720	12".250W SCH20"
101-78760	16"S10.250"
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	
ALL PIPE AVAILABLE IS ASTM A53 UNLESS NOTED	



DOMESTIC CARBON STEEL *PIPE*



DOMESTIC SCHEDULE 40 PLAIN END

(A53 / A106 SEAMLESS)

T&C**A53****DOMESTIC****SCH 40 STD**

JABO PART#	SIZE
101-00141	1/2"
101-00161	3/4"
101-00181	1"
101-00191	1-1/4"
101-00211	1-1/2"
101-00221	2"
101-00226	2-1/2"
101-00231	3"
101-00241	4"
Jabo can thread up to 6"	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

PLAIN END (PE)**A53****DOMESTIC****SCH 40 STD**

JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
101-00261	3/4"
101-00281	1"
101-00291	1-1/4"
101-00311	1-1/2"
101-00321	2"
101-00326	2-1/2"
101-00331	3"
*	3-1/2"
101-00361	4"
101-00371	5"
101-00381	6"
101-00401	8"
101-00421	10"
101-00461	12"
101-00481	14"
101-00501	16"
101-00521	18"
101-00541	20"
101-00561	24"
AVAILABLE FROM 1/8"-48" FROM MANUFACTURE	
MTR AVAILABLE	

PLAIN END (PE)**A106 SEAMLESS****DOMESTIC****SCH 40 STD**

JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
101-20121	1/2"
101-20141	3/4"
101-20161	1"
101-20181	1-1/4"
101-20201	1-1/2"
101-20221	2"
101-20241	2-1/2"
101-20261	3"
*	3-1/2"
101-20281	4"
101-20301	5"
101-20321	6"
101-20341	8"
101-20361	10"
101-20381	12"
*	14"
101-20421	16"
*	18"
101-20461	20"
101-20481	24"
AVAILABLE FROM 1/8"- 48" FROM MANUFACTURE	
MTR AVAILABLE	



*NON STOCK CALL JABO

DOMESTIC SCH 80XH-TRU 80

(A53 / A106 SEAMLESS)

A53**DOMESTIC****SCH 80 XH**

JABO PART#	SIZE
	1/8"
*	1/4"
*	3/8"
101-00751	1/2"
101-00761	3/4"
101-00781	1"
101-00791	1-1/4"
101-00811	1-1/2"
101-00821	2"
101-00826	2-1/2"
101-00831	3"
101-00836	3-1/2"
101-00841	4"
101-00851	5"
101-00861	6"
101-00881	8"
101-00901	10"
101-00921	12"
101-00941	14"
101-00961	16"
*	18"
*	20"
*	24"
AVAIL FROM 1/8"-48" FROM THE MANUFACTURE	
MTR AVAILABLE	

A106 SEAMLESS**DOMESTIC****SCH 80 XH**

JABO PART#	SCH
*	1/8"
*	1/4"
*	3/8"
101-21121	1/2"
101-21141	3/4"
101-21161	1"
101-21181	1-1/4"
101-21201	1-1/2"
101-21221	2"
101-21241	2-1/2"
101-21261	3"
*	3-1/2"
101-21281	4"
101-21301	5"
101-21321	6"
101-21341	8"
101-21361	10"
101-21381	12"
101-21401	14"
101-21421	16"
101-21441	18"
101-21461	20"
*	24"
AVAIL FROM 1/8'-48" FROM THE MANUFACTURE	
MTR AVAILABLE	

A106 SEAMLESS**DOMESTIC****TRU 80**

JABO PART#	SIZE
*	10".594w
*	12".687w
*	14".750w
*	16".844w
*	18".938w
*	20" 1.031w
*	24" 1.219w
AVAIL FROM 10"-24" FROM MANUFACTURE	
MTR AVAIL UPON REQUEST	
REF TO 80 ON PIPE CHART BEGINS AT 10"	



*NON STOCK CALL JABO

DOMESTIC SCHEDULE 120/160/XXH

(A53ERW / A106 SEAMLESS)



SEAMLESS

DOMESTIC

SCH 120

JABO PART#	SIZE
SCH 120 STARTS AT 4"	
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
AVAIL FROM 4"-24" FROM THE MANUFACTURE	
MTR AVAILABLE	

SEAMLESS

DOMESTIC

SCH 160

JABO PART#	SIZE
NA	1/4"
NA	3/8"
*	1/2"
101-22041	3/4"
101-22061	1"
101-22071	1-1/4"
101-22121	1-1/2"
101-22141	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
AVAIL FROM 1/2"-24" FROM THE MANUFACTURE	
MTR AVAILABLE	

SEAMLESS

DOMESTIC

SCH XXH

JABO PART#	SIZE
NA	1/4"
NA	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
AVAIL FROM 1/2"-24" FROM THE MANUFACTURE	
MTR AVAILABLE	

*NON STOCK CALL JABO

CARBON STEEL PIPE



JABO SUPPLY SINCE 1964 SERVICE IS MORE THAN A PROMISE
(304)-736-8333

AVAILABLE IN BOTH

IMPORT

DOMESTIC

BLACK MALLEABLE FITTINGS

THREADED



THREADED

INDEX

	PAGE #
Picture Index Import Malleable Fittings	27
Picture Index Domestic Malleable Fittings	28-29
Types of Black Malleable Fittings	7
Commonly Asked Questions	30

MALLEABLE FITTINGS

IMPORT (PAGES 33-39)

TYPES	150 PAGE #	300 PAGE #
90 Elbow	33	*NON STOCK
Reducing 90 Elbow	33	*NON STOCK
45 Elbow	33	*NON STOCK
Street 90 Elbow	34	*NON STOCK
Street 45 Elbow	34	*NON STOCK
Tee	35	*NON STOCK
Reducing Tee	35	*NON STOCK
Cross	36	*NON STOCK
Cap	36	*NON STOCK
Union	36	*NON STOCK
Floor Flange	36	*NON STOCK
Reducing Coupling	37	*NON STOCK
Merchant Steel Coupling	37	*NON STOCK
Hex Head Bushing	38	*NON STOCK
Solid Square Head Plug	39	*NON STOCK
Head Head Plug	39	*NON STOCK
Square Head Counter Sunk Plug	39	*NON STOCK

*** Jabo Supply does not stock class 300 Malleable Fittings. See Forged Steel Threaded Fittings if more pressure is needed than class 150 Malleable Fittings**



DOMESTIC (PAGES 41-54)

TYPES	150 PAGE#	300 PAGE #
90 Elbow	41	48
Reducing 90 Elbow	41	48
45 Elbow	41	48
Street 90 Elbow	42	49
Street 45 Elbow	42	49
Tee	43	50
Reducing Tee	43	50
Cross	44	51
Cap	44	51
Union	44	51
Floor Flange	44	51
Reducing Coupling	45	52
Merchant Steel Coupling	45	52
Hex Head Bushing	46	53
Solid Square Head Plug	47	54
Head Head Plug	47	54
Square Head Counter Sunk Plug	47	54



PICTURE INDEX IMPORT MALLEABLE FITTINGS

CLASS 150			
90 ELBOW	REDUCING 90 ELBOW	45 ELBOW	STREET 90 ELBOW
			
PAGE 33	PAGE 33	PAGE 33	PAGE 34
CLASS 150			
STREET 45	TEE	REDUCING TEE	CROSS
			
PAGE 34	PAGE 35	PAGE 35	PAGE 36
CLASS 150			
CAP	UNION	FLOOR FLANGE	REDUCING COUPLING
			
PAGE 36	PAGE 36	PAGE 36	PAGE 37
CLASS 150			
MERCHANT STEEL COUPLING	HEX HEAD BUSHING	SQUARE HEAD PLUG	HEX COUNTER SUNK PLUG
			
PAGE 37	PAGE 38	PAGE 39	PAGE 39
CLASS 150			
SQ HEAD COUNTER SUNK PLUG	CALL JABO SUPPLY FOR ALL YOUR IMPORT MALLEABLE FITTING NEEDS		
			
PAGE 39			











PICTURE INDEX DOMESTIC MALLEABLE FITTINGS

CLASS 150			
90 ELBOW	REDUCING 90 ELBOW	45 ELBOW	STREET 90 ELBOW
			
PAGE 41	PAGE 41	PAGE 41	PAGE 42
CLASS 150			
STREET 45	TEE	REDUCING TEE	CROSS
			
PAGE 42	PAGE 43	PAGE 43	PAGE 44
CLASS 150			
CAP	UNION	FLOOR FLANGE	REDUCING COUPLING
			
PAGE 44	PAGE 44	PAGE 44	PAGE 45
CLASS 150			
MERCHANT STEEL COUPLING	HEX HEAD BUSHING	SQUARE HEAD PLUG	HEX COUNTER SUNK PLUG
			
PAGE 45	PAGE 46	PAGE 47	PAGE 47
CLASS 150			
SQ HEAD COUNTER SUNK PLUG	CALL JABO SUPPLY FOR ALL YOUR IMPORT MALLEABLE FITTING NEEDS		
			
PAGE 47			

PICTURE INDEX DOMESTIC MALLEABLE FITTINGS

CLASS 300			
90 ELBOW	REDUCING 90 ELBOW	45 ELBOW	STREET 90 ELBOW
			
PAGE 48	PAGE 48	PAGE 48	PAGE 49
CLASS 300			
STREET 45	TEE	REDUCING TEE	CROSS
			
PAGE 49	PAGE 50	PAGE 50	PAGE 51
CLASS 300			
CAP	UNION	FLOOR FLANGE	REDUCING COUPLING
			
PAGE 51	PAGE 51	PAGE 51	PAGE 52
CLASS 300			
MERCHANT STEEL COUPLING	HEX HEAD BUSHING	SQUARE HEAD PLUG	HEX COUNTER SUNK PLUG
			
PAGE 52	PAGE 52	PAGE 54	PAGE 54
CLASS 300			
SQ HEAD COUNTER SUNK PLUG	CALL JABO SUPPLY FOR ALL YOUR IMPORT MALLEABLE FITTING NEEDS		
			
PAGE 54			

TYPES OF FITTING AVAILABLE

90 ELBOW	REDUCING 90	45 ELBOW	IF MORE PRESSURE IS NEEDED SEE FORGED STEEL THREADED FITTINGS
			
90 STREET ELBOW	45 STREET ELBOW	TEE	
			
REDUCING TEE	CROSS	CAP	
			
UNION	FLOOR FLANGE	*MERCHANT STEEL COUPLING	
			
REDUCING COUPLING	HEX HEAD BUSHING	SOLID SQUARE HEAD PLUG	
			
HEX HEAD COUNTER SUNK PLUG	SQUARE HEAD COUNTER SUNK PLUGS	AVAIL IMPORT	AVAIL DOMESTIC
			

MOST COMMONLY ASKED QUESTIONS

TYPES OF MATERIAL

1. Black Malleable
2. Galvanized Malleable

TYPE OF CONNECTION

1. Threaded Only

**Malleable iron pipe fittings are not suitable for welding*

PRESSURE CLASS

150 PSI

300 PSI

**Jabo does not stock import 300 psi fittings (See 3000 forged steel fittings if more pressure is need).*

SIZE

UP TO 6" available from the manufacture

AVAILABLE IN BOTH	
IMPORT	
	
DOMESTIC	
	

**NO MTR AVAILABLE
WITH MALLEABLE
FITTINGS**

** MALLEABLE IRON PIPE FITTINGS ARE NOT SUITABLE FOR WELDING*

IMPORT BLACK MALLEABLE FITTINGS



IMPORT CLASS 150

ELBOWS

90 ELBOW

IMPORT



JABO PART#	SIZE
105-00020	1/8"
105-00030	1/4"
105-00040	3/8"
105-00050	1/2"
105-00060	3/4"
105-00070	1"
105-00080	1-1/4"
105-00100	1-1/2"
105-00120	2"
105-00140	2-1/2"
105-00160	3"
105-00180	4"
105-00186	6"

REDUCING 90 ELBOW

IMPORT



JABO PART#	SIZE
105-00200	3/4" X 1/2"
105-00201	1" X 3/4"
105-00202	1" X 1/2"
105-00203	1-1/4" X 1"
105-00204	1-1/4" X 3/4"
105-00205	1-1/2" X 1-1/4"
105-00206	1-1/2" X 1"
105-00207	2" X 1-1/2"
105-00208	2" X 1-1/4"
105-00209	2" X 1"
CALL JABO FOR ADDITIONAL SIZES	

45 ELBOW

IMPORT



JABO PART#	SIZE
105-00210	1/8"
105-00220	1/4"
105-00230	3/8"
105-00240	1/2"
105-00250	3/4"
105-00260	1"
105-00270	1-1/4"
105-00280	1-1/2"
105-00290	2"
105-00310	2-1/2"
105-00320	3"
105-00340	4"
105-00346	6"



*IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS*

IMPORT CLASS 150

STREET ELBOWS

STREET 90

IMPORT



JABO PART#	SIZE
105-00400	1/8"
105-00410	1/4"
105-00420	3/8"
105-00430	1/2"
105-00440	3/4"
105-00450	1"
105-00460	1-1/4"
105-00470	1-1/2"
105-00480	2"
105-00490	2-1/2"
105-00500	3"
105-00501	4"
*	6"

* NON STOCK CALL JABO SUPPLY

STREET 45

IMPORT



JABO PART#	SIZE
105-00361	1/8"
105-00362	1/4"
105-00363	3/8"
105-00364	1/2"
105-00365	3/4"
105-00366	1"
105-00367	1-1/4"
105-00368	1-1/2"
105-00369	2"
*	2-1/2"
105-00371	3"
*	4"
*	6"

* NON STOCK CALL JABO SUPPLY



IF MORE PRESSURE IS NEEDED SEE FORGED STEEL
THREADED FITTINGS

IMPORT CLASS 150

TEES / REDUCING TEE

TEE

IMPORT



JABO PART#	SIZE
105-00510	1/8"
105-00520	1/4"
105-00530	3/8"
105-00540	1/2"
105-00550	3/4"
105-00560	1"
105-00570	1-1/4"
105-00580	1-1/2"
105-00590	2"
105-00610	2-1/2"
105-00620	3"
105-00630	4"
105-00636	6"

REDUCING TEE

IMPORT



JABO PART#	SIZE
105-00690	1/2" X 1/4"
105-00695	1/2" X 3/8"
105-00710	1/2" X 3/4"
105-00770	3/4" X 1/4"
105-00775	3/4" X 3/8"
105-00780	3/4" X 1/2"
105-00788	1/2" X 1"
105-00790	1" X 1/4"
105-00800	1" X 1/2"
105-00802	1" X 3/4"
105-00803	1-1/4" X 1/2"
105-00804	1-1/4" X 3/4"
105-00806	1-1/4" X 1"
105-00808	1-1/2" X 1/2"
105-00810	1-1/2" X 3/4"
105-00812	1-1/2" X 1"
105-00814	1-1/2" X 1-1/4"
105-00816	2" X 1/2"
105-00818	2" X 3/4"
105-00820	2" X 1"
105-00821	2-1/2" X 2"
105-00822	2" X 1-1/4"
105-00823	2" X 1-1/2"
105-00824	3" X 2"
105-00825	3" X 1-1/2"
105-00826	4" X 3"
105-00827	4" X 2"
RUN X BRANCH	
OTHER SIZES AVAIL UPON REQUEST	



IF MORE PRESSURE IS NEEDED SEE FORGED STEEL
THREADED FITTINGS

IMPORT CLASS 150

CROSS/CAP/UNION/FLOOR FLANGE

CROSS

IMPORT



JABO PART#	SIZE
*	1/8"
105-00830	1/4"
105-00840	3/8"
105-00850	1/2"
105-00851	3/4"
105-00852	1"
105-00853	1-1/4"
105-00854	1-1/2"
105-00855	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

CAP

IMPORT



JABO PART#	SIZE
105-01490	1/8"
105-01500	1/4"
105-01510	3/8"
105-01520	1/2"
105-01530	3/4"
105-01540	1"
105-01550	1-1/4"
105-01560	1-1/2"
105-01570	2"
105-01571	2-1/2"
105-01580	3"
105-01590	4"
105-01600	6"
*NON STOCK CALL JABO SUPPLY	

UNION

IMPORT



JABO PART#	SIZE
*	1/8"
105-02100	1/4"
105-02110	3/8"
105-02120	1/2"
105-02140	3/4"
105-02160	1"
105-02180	1-1/4"
105-02220	1-1/2"
105-02240	2"
105-02250	2-1/2"
105-02260	3"
105-02280	4"
*	6"
*NON STOCK CALL JABO SUPPLY	



IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS

FLOOR FLANGE

IMPORT



JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	105-02480	1-1/2"
*	1/4"	105-02500	2"
*	3/8"	*	2-1/2"
105-02400	1/2"	*	3"
105-02420	3/4"	*	4"
105-02440	1"	*	6"
105-02460	1-1/4"		
*NON STOCK CALL JABO SUPPLY			

IMPORT CLASS 150

REDUCING COUPLING / MERCHANT STEEL COUPLING

REDUCING COUPLING

IMPORT



JABO PART#	SIZE	JABO PART#	SIZE
105-01100	1/4" X 1/8"	105-01390	2" X 1"
105-01120	3/8" X 1/4"	105-01400	2" X 3/4"
105-01130	3/8" X 1/8"	105-01401	2" X 1/2"
105-01140	1/2" X 3/8"	105-01402	2-1/2" X 3/4"
105-01160	1/2" X 1/4"	105-01403	2-1/2" X 1"
105-01170	1/2" X 1/8"	105-01404	2-1/2" X 1-1/2"
105-01180	3/4" X 1/2"	105-01405	2-1/2" X 2"
105-01190	3/4" X 3/8"	105-01408	3" X 1"
105-01200	3/4" X 1/4"	105-01410	3" X 1-1/2"
105-01201	3/4" X 1/8"	105-01420	3" X 2"
105-01220	1" X 3/4"	105-01422	3" X 2-1/2"
105-01240	1" X 1/2"	105-01430	4" X 3"
105-01250	1" X 3/8"	105-01435	4" X 2-1/2"
105-01260	1" X 1/4"	105-01440	4" X 2"
105-01280	1-1/4" X 1"	105-01460	6" X 4"
105-01290	1-1/4" X 3/4"	105-01470	6" X 3"
105-01300	1-1/4" X 1/2"	*NON STOCK CALL JABO SUPPLY	
105-01310	1-1/2" X 1-1/4"		
105-01320	1-1/2" X 1"		
105-01330	1-1/2" X 3/4"		
105-01340	1-1/2" X 1/2"		
105-01360	2" X 1-1/2"		
105-01380	2" X 1-1/4"		

COUPLING

MERCHANT STEEL

IMPORT



JABO PART#	SIZE
012-94010	1/8"
012-94020	1/4"
012-94030	3/8"
012-94040	1/2"
012-94060	3/4"
012-94070	1"
012-94080	1-1/4"
012-94090	1-1/2"
012-94100	2"
012-94110	2-1/2"
012-94120	3"
012-94130	3-1/2"
012-94140	4"
012-94150	5"
012-94160	6"
012-94180	8"
*NON STOCK CALL JABO SUPPLY	

*IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS*

IMPORT CLASS 150

HEX HEAD BUSHING

HEX HEAD BUSHING

IMPORT



IF MORE PRESSURE IS NEEDED SEE FORGED STEEL
THREADED FITTINGS

JABO PART#	SIZE	JABO PART#	SIZE
105-01601	1/4" X 1/8"	105-01750	2" X 1"
105-01602	3/8" X 1/4"	105-01760	2" X 3/4"
105-01603	3/8" X 1/8"	105-01762	2" X 1/2"
105-01604	1/2" X 3/8"	105-01763	2" X 3/8"
105-01605	1/2" X 1/4"	105-01764	2" X 1/4"
105-01606	1/2" X 1/8"	105-01770	2-1/2" X 2"
105-01607	3/4" X 1/2"	105-01772	2-1/2" X 1-1/2"
105-01608	3/4" X 3/8"	105-01773	2-1/2" X 1-1/4"
105-01609	3/4" X 1/4"	105-01774	2-1/2" X 1"
105-01610	3/4" X 1/8"	105-01776	3" X 3/4"
105-01620	1" X 3/4"	105-01780	3" X 2-1/2"
105-01630	1" X 1/2"	105-01790	3" X 2"
105-01640	1" X 3/8"	105-01800	3" X 1-1/2"
105-01642	1" X 1/4"	105-01810	3" X 1-1/4"
105-01643	1" X 1/8"	105-01815	3" X 1"
105-01650	1-1/4" X 1"	105-01816	3-1/2" X 2"
105-01660	1-1/4" X 3/4"	105-01817	3-1/2" X 1-1/2"
105-01670	1-1/4" X 1/2"	105-01818	3-1/2" X 2-1/2"
105-01675	1-1/4" X 3/8"	105-01819	3-1/2" X 3"
105-01676	1-1/4" X 1/4"	105-01820	4" X 3"
105-01680	1-1/2" X 1-1/4"	105-01821	4" X 2-1/2"
105-01690	1-1/2" X 1"	105-01825	4" X 1-1/2"
105-01710	1-1/2" X 3/4"	105-01830	4" X 2"
105-01720	1-1/2" X 1/2"	105-01840	5" X 4"
105-01722	1-1/2" X 3/8"	105-01860	6" X 3"
105-01723	1-1/2" X 1/4"	105-01870	6" X 4"
105-01730	2" X 1-1/2"	105-01880	6" X 5"
105-01740	2" X 1-1/4"	105-01900	8" X 4"
*NON STOCK CALL JABO SUPPLY		105-01902	8" X 6"
		*NON STOCK CALL JABO SUPPLY	

IMPORT CLASS 150

PLUG

SOLID SQ HEAD PLUGS

IMPORT



JABO PART#	SIZE
105-01905	1/8"
105-01906	1/4"
105-01907	3/8"
105-01908	1/2"
105-01909	3/4"
105-01910	1"
105-01920	1-1/4"
105-01930	1-1/2"
105-01940	2"
105-01950	2-1/2"
105-01960	3"
105-01970	4"
105-01980	6"
*NON STOCK CALL JABO SUPPLY	

HEX HEAD COUNTER
SUNK PLUGS

IMPORT



JABO PART#	SIZE
105-01990	1/8"
105-01991	1/4"
105-01992	3/8"
105-01993	1/2"
105-01994	3/4"
105-01995	1"
105-01996	1-1/4"
105-01997	1-1/2"
105-01998	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

SQ HEAD COUNTER
SUNK PLUGS

IMPORT



JABO PART#	SIZE
*	1/8"
105-01999	1/4"
105-02000	3/8"
105-02001	1/2"
105-02002	3/4"
105-02003	1"
105-02004	1-1/4"
105-02005	1-1/2"
105-02006	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	



IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS

DOMESTIC BLACK MALLEABLE FITTINGS



DOMESTIC THREADED CLASS 150

ELBOWS

90 ELBOW

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
005-00040	1/2"
005-00050	3/4"
005-00060	1"
005-00070	1-1/4"
005-00080	1-1/2"
005-00090	2"
005-00100	2-1/2"
005-00110	3"
005-00130	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

REDUCING 90 ELBOW

DOMESTIC



JABO PART#	SIZE
*NON STOCK-ALL SIZES AVAILABLE FROM MANUFACTURE UP TO 6"	
*NON STOCK CALL JABO SUPPLY	

45 ELBOW

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
005-01850	1/2"
005-01860	3/4"
005-01870	1"
005-01880	1-1/4"
005-01890	1-1/2"
005-01900	2"
005-01910	2-1/2"
005-01920	3"
005-01940	4"
*	6"
*NON STOCK CALL JABO SUPPLY	



**IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS**

DOMESTIC THREADED CLASS 150

STREET ELBOWS

STREET 90

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
005-01210	1/2"
005-01220	3/4"
005-01230	1"
005-01240	1-1/4"
005-01250	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

STREET 45

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	



**IF MORE PRESSURE IS NEEDED SEE FORGED STEEL
THREADED FITTINGS**

DOMESTIC THREADED CLASS 150**TEES / REDUCING TEE****TEE****DOMESTIC**

JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
005-02290	1/2"
005-02300	3/4"
005-02310	1"
005-02320	1-1/4"
005-02330	1-1/2"
005-02340	2"
*	2-1/2"
005-02360	3"
005-02380	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

REDUCING TEE**DOMESTIC**

JABO PART#	SIZE
*NON STOCK-ALL SIZES AVAILABLE FROM MANUFACTURE	



IF MORE PRESSURE IS NEEDED SEE FORGED STEEL THREADED FITTINGS

DOMESTIC THREADED CLASS 150

CROSS / CAP / UNION FLOOR FLANGE

CROSS

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

CAP

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
005-06990	1/2"
005-07000	3/4"
005-07010	1"
005-07020	1-1/4"
005-07030	1-1/2"
005-07040	2"
005-07050	2-1/2"
005-07060	3"
005-07080	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

UNION

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
005-08380	1/2"
005-08390	3/4"
005-08400	1"
005-08410	1-1/4"
005-08420	1-1/2"
005-08430	2"
005-08440	2-1/2"
005-08450	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	



**IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS**

FLOOR FLANGE

DOMESTIC



JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	*	1-1/2"
*	1/4"	*	2"
*	3/8"	*	2-1/2"
*	1/2"	*	3"
*	3/4"	*	4"
*	1"	*	6"
*	1-1/4"		
*NON STOCK CALL JABO SUPPLY			

DOMESTIC THREADED CLASS 150

COUPLING

REDUCING COUPLING

DOMESTIC



JABO PART#	SIZE
*	1/4" X 1/8"
*	3/8" X 1/4"
*	3/8" X 1/8"
*	1/2" X 3/8"
*	1/2" X 1/4"
*	1/2" X 1/8"
005-05820	3/4" X 1/2"
*	3/4" X 3/8"
*	3/4" X 1/4"
*	3/4" X 1/8"
*	1" X 3/4"
*	1" X 1/2"
*	1" X 3/8"
*	1" X 1/4"
005-05900	1-1/4" X 1"
*	1-1/4" X 3/4"
*	1-1/4" X 1/2"
005-05930	1-1/2" X 1-1/4"
*	1-1/2" X 1"
005-05950	1-1/2" X 3/4"
*	1-1/2" X 1/2"
005-05970	2" X 1-1/2"
*	2" X 1-1/4"
*NON STOCK CALL JABO SUPPLY	

JABO PART#	SIZE
*	2" X 1"
*	2" X 3/4"
*	2" X 1/2"
*	2-1/2" X 3/4"
*	2-1/2" X 1"
*	2-1/2" X 1-1/2"
005-06020	2-1/2" X 2"
*	3" X 1"
*	3" X 1-1/2"
005-06070	3" X 2"
*	3" X 2-1/2"
005-06150	4" X 3"
*	4" X 2-1/2"
*	4" X 2"
*	6" X 4"
*	6" X 3"
*NON STOCK CALL JABO SUPPLY	



COUPLING

MERCHANT STEEL

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*NON STOCK CALL JABO SUPPLY	

IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS

DOMESTIC THREADED CLASS 150

HEX HEAD BUSHING

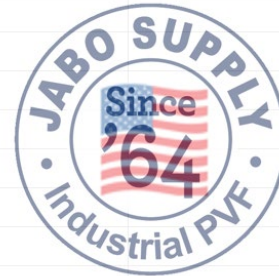
HEX HEAD BUSHING

DOMESTIC



JABO PART#	SIZE
*	1/4" X 1/8"
*	3/8" X 1/4"
*	3/8" X 1/8"
*	1/2" X 3/8"
*	1/2" X 1/4"
*	1/2" X 1/8"
*	3/4" X 1/2"
*	3/4" X 3/8"
*	3/4" X 1/4"
*	3/4" X 1/8"
*	1" X 3/4"
*	1" X 1/2"
*	1" X 3/8"
*	1" X 1/4"
*	1" X 1/8"
*	1-1/4" X 1"
*	1-1/4" X 3/4"
*	1-1/4" X 1/2"
*	1-1/4" X 3/8"
*	1-1/4" X 1/4"
*	1-1/2" X 1-1/4"
*	1-1/2" X 1"
*	1-1/2" X 3/4"
*	1-1/2" X 1/2"
*	1-1/2" X 3/8"
*	1-1/2" X 1/4"
*	2" X 1-1/2"
*	2" X 1-1/4"
*NON STOCK CALL JABO SUPPLY	

JABO PART#	SIZE
*	2" X 1"
*	2" X 3/4"
*	2" X 1/2"
*	2" X 3/8"
*	2" X 1/4"
*	2-1/2" X 2"
*	2-1/2" X 1-1/2"
*	2-1/2" X 1-1/4"
*	2-1/2" X 1"
*	3" X 3/4"
*	3" X 2-1/2"
*	3" X 2"
*	3" X 1-1/2"
*	3" X 1-1/4"
*	3" X 1"
*	3-1/2" X 2"
*	3-1/2" X 1-1/2"
*	3-1/2" X 2-1/2"
*	3-1/2" X 3"
*	4" X 3"
*	4" X 2-1/2"
*	4" X 1-1/2"
*	4" X 2"
*	5" X 4"
*	6" X 3"
*	6" X 4"
*	6" X 5"
*	8" X 4"
*	8" X 6"
*NON STOCK CALL JABO SUPPLY	



**IF MORE PRESSURE IS NEEDED SEE FORGED STEEL
THREADED FITTINGS**

DOMESTIC THREADED CLASS 150

PLUGS

SOLID SQ HEAD PLUGS

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

HEXHEAD COUNTER
SUNK PLUGS

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

SQ HEAD COUNTER
SUNK PLUGS

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	



**IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS**

DOMESTIC THREADED CLASS 300

ELBOWS

90 ELBOW

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
005-11270	1/2"
005-11280	3/4"
005-11290	1"
005-11300	1-1/4"
005-11310	1-1/2"
005-11320	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

REDUCING 90

DOMESTIC



JABO PART#	SIZE
*NON STOCK-ALL SIZES AVAILABLE FROM MANUFACTURE	
ALL SIZES AVAIL UPTO 6"	
*NON STOCK CALL JABO SUPPLY	

45 ELBOW

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
005-10080	1/2"
005-10090	3/4"
005-10100	1"
005-10110	1-1/4"
005-10500	1-1/2"
005-10510	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	



**IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS**

DOMESTIC THREADED CLASS 300

STREET ELBOWS

STREET 90

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

STREET 45

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	



**IF MORE PRESSURE IS NEEDED SEE FORGED STEEL
THREADED FITTINGS**

DOMESTIC THREADED CLASS 300

TEES / REDUCING TEE

TEE

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
005-12600	1/2"
005-12610	3/4"
005-12620	1"
005-12630	1-1/4"
005-12640	1-1/2"
005-12650	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

REDUCING TEE

DOMESTIC



JABO PART#	SIZE
*NON STOCK-ALL SIZES AVAILABLE FROM MANUFACTURE	
RUN X BRANCH	
OTHER SIZES AVAIL UPON REQUEST	
*NON STOCK CALL JABO SUPPLY	



**IF MORE PRESSURE IS NEEDED SEE FORGED STEEL
THREADED FITTINGS**

DOMESTIC THREADED CLASS 300

CROSS / CAP / UNION / FLOOR FLANGE

CROSS

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

CAP

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

UNION

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	



*IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS*

FLOOR FLANGE

DOMESTIC



JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	*	1-1/2"
*	1/4"	*	2"
*	3/8"	*	2-1/2"
*	1/2"	*	3"
*	3/4"	*	4"
*	1"	*	6"
*	1-1/4"	*NON STOCK CALL JABO SUPPLY	

DOMESTIC THREADED CLASS 300

COUPLING

REDUCING COUPLING

DOMESTIC



JABO PART#	SIZE
*	1/4" X 1/8"
*	3/8" X 1/4"
*	3/8" X 1/8"
*	1/2" X 3/8"
*	1/2" X 1/4"
*	1/2" X 1/8"
005-14290	3/4" X 1/2"
*	3/4" X 3/8"
*	3/4" X 1/4"
*	3/4" X 1/8"
*	1" X 3/4"
*	1" X 1/2"
*	1" X 3/8"
*	1" X 1/4"
*	1-1/4" X 1"
*	1-1/4" X 3/4"
*	1-1/4" X 1/2"
*	1-1/2" X 1-1/4"
*	1-1/2" X 1"
*	1-1/2" X 3/4"
*	1-1/2" X 1/2"
*	2" X 1-1/2"
*	2" X 1-1/4"
*NON STOCK CALL JABO SUPPLY	

JABO PART#	SIZE
*	2" X 1"
*	2" X 3/4"
*	2" X 1/2"
*	2-1/2" X 3/4"
*	2-1/2" X 1"
*	2-1/2" X 1-1/2"
*	2-1/2" X 2"
*	3" X 1"
*	3" X 1-1/2"
*	3" X 2"
*	3" X 2-1/2"
*	4" X 3"
*	4" X 2-1/2"
*	4" X 2"
*	6" X 4"
*	6" X 3"
*NON STOCK CALL JABO SUPPLY	

COUPLING

MERCHANT STEEL

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*NON STOCK CALL JABO SUPPLY	

IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS

DOMESTIC THREADED CLASS 300

HEX HEAD BUSHING

HEX HEAD BUSHING

DOMESTIC



JABO PART#	SIZE	JABO PART#	SIZE
*	1/4" X 1/8"	005-16680	2" X 1"
*	3/8" X 1/4"	*	2" X 3/4"
*	3/8" X 1/8"	*	2" X 1/2"
*	1" X 3/8"	*	2" X 3/8"
*	1/2" X 1/4"	*	2" X 1/4"
*	1/2" X 1/8"	005-16760	2-1/2" X 2"
*	3/4" X 1/2"	*	2-1/2" X 1-1/2"
*	3/4" X 3/8"	*	2-1/2" X 1-1/4"
*	3/4" X 1/4"	*	2-1/2" X 1"
*	3/4" X 1/8"	*	3" X 3/4"
005-16240	1" X 3/4"	*	3" X 2-1/2"
005-16260	1" X 1/2"	005-16840	3" X 2"
*	1" X 3/8"	*	3" X 1-1/2"
*	1" X 1/4"	*	3" X 1-1/4"
*	1" X 1/8"	*	3" X 1"
005-16360	1-1/4" X 1"	*	3-1/2" X 2"
*	1-1/4" X 3/4"	*	3-1/2" X 1-1/2"
*	1-1/4" X 1/2"	*	3-1/2" X 2-1/2"
*	1-1/4" X 3/8"	*	3-1/2" X 3"
*	1-1/4" X 1/4"	005-17000	4" X 3"
005-16480	1-1/2" X 1-1/4"	*	4" X 2-1/2"
005-16520	1-1/2" X 1"	*	4" X 1-1/2"
*	1-1/2" X 3/4"	*	4" X 2"
*	1-1/2" X 1/2"	*	5" X 4"
*	1-1/2" X 3/8"	*	6" X 3"
*	1-1/2" X 1/4"	*	6" X 4"
005-16640	2" X 1-1/2"	*	6" X 5"
*	2" X 1-1/4"	*	8" X 4"
SEE NEXT COLUMN FOR MORE		*	8" X 6"

*NON STOCK CALL JABO SUPPLY



**IF MORE PRESSURE IS NEEDED SEE FORGED STEEL
THREADED FITTINGS**

DOMESTIC THREADED CLASS 300

PLUGS

SOLID SQ HEAD PLUGS

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
005-17440	1"
005-17460	1-1/4"
005-17480	1-1/2"
005-17490	2"
005-17520	2-1/2"
005-17540	3"
005-17560	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

HEXHEAD COUNTER
SUNK PLUGS

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	

SQ HEAD COUNTER
SUNK PLUGS

DOMESTIC



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	4"
*	6"
*NON STOCK CALL JABO SUPPLY	



**IF MORE PRESSURE IS
NEEDED SEE FORGED
STEEL THREADED
FITTINGS**

MALLEABLE FITTINGS



JABO SUPPLY SINCE 1964 SERVICE IS MORE THAN A PROMISE
(304)-736-8333

AVAILABLE IN BOTH

IMPORT

DOMESTIC

CARBON STEEL
NIPPLES



JABO SUPPLY CAN FABRICATE CARBON STEEL PIPE NIPPLES FROM 1/8" - 4"

INDEX

PAGE

Picture Index Import Nipples

59

Picture Index Domestic Nipples

59

IMPORT NIPPLES (60-68) (70-71)

	PAGE #
Schedule 40 Std Nipple A53	60-62
Schedule 80 XH A53	63-65
Schedule 80 XH A106	66-68
Swage Nipples	70-71



DOMESTIC NIPPLES (69-Non Stock)

	PAGE #
Schedule 40 Std Nipple A53	69
Schedule 80 XH A53	69
Schedule 80 XH A106	69
Swage Nipples	69



PICTURE INDEX IMPORT / DOMESTIC CARBON STEEL PIPE NIPPLES

IMPORT PIPE NIPPLES

SCH 40	SCH 80	SCH 80	CALL JABO SUPPLY
A53	A53	A106 SEAMLESS	(304) 736-8333
			JABO SUPPLY CAN FABRICATE NIPPLES FROM 1/8" - 4"
PAGE 60-62	PAGE 63-65	PAGE 66-68	CALL JABO SUPPLY
SWAGE NIPPLE	SWAGE NIPPLE	JABO SUPPLY	
SCH 40	SCH 80XH	CALL YOUR CSR FOR ALL YOUR PIPE NIPPLE NEEDS	
			
PAGE 71	PAGE 71	CALL JABO SUPPLY	CALL JABO SUPPLY

DOMESTIC PIPE NIPPLES

SCH 40	SCH 80	SCH 80	CALL JABO SUPPLY
A53	A53	A106 SEAMLESS	FOR OTHER SCH
			JABO SUPPLY CAN FABRICATE NIPPLES FROM 1/8" - 4"
NON STOCK	NON STOCK	NON STOCK	NON STOCK
SWAGE NIPPLE	SWAGE NIPPLE	JABO SUPPLY	
SCH 40	SCH 80XH	CALL YOUR CSR FOR ALL YOUR PIPE NIPPLE NEEDS	
			
NON STOCK	NON STOCK	CALL JABO SUPPLY	CALL JABO SUPPLY

IMPORT

CARBON STEEL NIPPLES

SCHEDULE 40 A53



IMPORT CARBON STEEL NIPPLES

SCH 40 STD NIPPLE A53

1/8"		1/4"		3/8"		1/2"	
JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH
004-00010	CLOSE	004-00590	CLOSE	004-01170	CLOSE	004-01750	CLOSE
004-00030	1-1/2"	004-00610	1-1/2"	004-01190	1-1/2"	004-01770	1-1/2"
004-00050	2"	004-00630	2"	004-01210	2"	004-01790	2"
004-00070	2-1/2"	004-00650	2-1/2"	004-01230	2-1/2"	004-01810	2-1/2"
004-00090	3"	004-00670	3"	004-01250	3"	004-01830	3"
004-00110	3-1/2"	004-00690	3-1/2"	004-01270	3-1/2"	004-01850	3-1/2"
004-00130	4"	004-00710	4"	004-01290	4"	004-01870	4"
004-00150	4-1/2"	004-00730	4-1/2"	004-01310	4-1/2"	004-01890	4-1/2"
004-00170	5"	004-00750	5"	004-01330	5"	004-01910	5"
004-00190	5-1/2"	004-00770	5-1/2"	004-01350	5-1/2"	004-01930	5-1/2"
004-00210	6"	004-00790	6"	004-01370	6"	004-01950	6"
*	7"	*	7"	*	7"	004-01970	7"
004-00240	8"	004-00820	8"	004-01400	8"	004-01990	8"
*	10"	*	10"	*	10"	004-02030	10"
*	12"	*	12"	*	12"	004-02060	12"

*NON STOCK CALL JABO SUPPLY

3/4"		1"		1-1/4"		1-1/2"	
JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH
004-02330	CLOSE	004-02910	CLOSE	004-03470	CLOSE	004-04030	CLOSE
004-02350	1-1/2"	*	1-1/2"	*	1-1/2"	*	1-1/2"
004-02370	2"	004-02930	2"	004-03490	2"	004-04050	2"
004-02390	2-1/2"	004-02950	2-1/2"	004-03510	2-1/2"	004-04070	2-1/2"
004-02410	3"	004-02970	3"	004-03530	3"	004-04090	3"
004-02430	3-1/2"	004-02990	3-1/2"	004-03550	3-1/2"	004-04110	3-1/2"
004-02450	4"	004-03010	4"	004-03570	4"	004-04130	4"
004-02470	4-1/2"	004-03030	4-1/2"	004-03590	4-1/2"	004-04150	4-1/2"
004-02490	5"	004-03050	5"	004-03610	5"	004-04170	5"
004-02510	5-1/2"	004-03070	5-1/2"	004-03630	5-1/2"	004-04190	5-1/2"
004-02530	6"	004-03090	6"	004-03650	6"	004-04210	6"
004-02550	7"	004-03095	7"	004-03670	7"	*	7"
004-02570	8"	004-03100	8"	004-03690	8"	004-04250	8"
004-02610	10"	004-03140	10"	004-03730	10"	004-04290	10"
004-02650	12"	004-03180	12"	004-03770	12"	004-04330	12"
*	18"	004-03192	18"	*	18"	*	18"
*	24"	004-03195	24"	*	24"	*	24"

*NON STOCK CALL JABO SUPPLY

IMPORT CARBON STEEL NIPPLES

SCH 40 STD NIPPLE A53

2"		2-1/2"		3"		4"	
JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH
004-04590	CLOSE	004-05130	CLOSE	004-05650	CLOSE	004-06650	CLOSE
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
004-04610	2-1/2"	NA	NA	NA	NA	NA	NA
004-04630	3"	004-05150	3"	004-05670	3"	*	3"
004-04650	3-1/2"	004-05170	3-1/2"	004-05690	3-1/2"	*	3-1/2"
004-04670	4"	004-05190	4"	004-05710	4"	004-06670	4"
004-04690	4-1/2"	004-05210	4-1/2"	004-05730	4-1/2"	*	4-1/2"
004-04710	5"	004-05230	5"	004-05750	5"	004-06710	5"
004-04730	5-1/2"	*	5-1/2"	*	5-1/2"	*	5-1/2"
004-04750	6"	004-05270	6"	004-05790	6"	004-06750	6"
*	7"	*	7"	*	7"	*	7"
004-04790	8"	004-05310	8"	004-05830	8"	004-06790	8"
004-04830	10"	004-05350	10"	004-05870	10"	004-06830	10"
004-04870	12"	004-05390	12"	004-05910	12"	004-06870	12"
*	18"	*	18"	*	18"	*	18"
*	24"	*	24"	*	24"	*	24"
*NON STOCK CALL JABO SUPPLY							

6"

JABO PART#	LENGTH
004-07640	CLOSE
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	4-1/2"
*	5"
*	5-1/2"
004-07670	6"
*	7"
004-07680	8"
004-07700	10"
004-07720	12"
*	18"
*	24"
*NON STOCK CALL JABO SUPPLY	

*NON STOCK CALL JABO
SUPPLY

JABO CAN FABRICATE
NIPPLES FROM 1/8" - 4"



IMPORT

CARBON STEEL NIPPLES

SCHEDULE 80XH A53



IMPORT CARBON STEEL NIPPLES

SCH 80 XH NIPPLE A53

1/8"		1/4"		3/8"		1/2"	
JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH
004-09230	CLOSE	004-09810	CLOSE	004-10390	CLOSE	004-10970	CLOSE
004-09250	1-1/2"	004-09830	1-1/2"	004-10410	1-1/2"	004-10990	1-1/2"
004-09270	2"	004-09850	2"	004-10430	2"	004-11010	2"
004-09290	2-1/2"	004-09870	2-1/2"	004-10450	2-1/2"	004-11030	2-1/2"
004-09310	3"	004-09890	3"	004-10470	3"	004-11050	3"
*	3-1/2"	*	3-1/2"	004-10490	3-1/2"	004-11070	3-1/2"
004-09350	4"	004-09930	4"	004-10510	4"	004-11090	4"
004-09370	4-1/2"	*	4-1/2"	004-10520	4-1/2"	004-11110	4-1/2"
004-09375	5"	004-09970	5"	004-10550	5"	004-11130	5"
*	5-1/2"	*	5-1/2"	004-10570	5-1/2"	004-11150	5-1/2"
004-09430	6"	004-10010	6"	004-10590	6"	004-11170	6"
*	7"	*	7"	*	7"	*	7"
*	8"	*	8"	*	8"	004-11210	8"
*	10"	*	10"	*	10"	*	10"
*	12"	*	12"	*	12"	*	12"

*NON STOCK CALL JABO SUPPLY

3/4"		1"		1-1/4"		1-1/2"	
JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH
004-11550	CLOSE	004-12130	CLOSE	004-12690	CLOSE	004-13230	CLOSE
004-11570	1-1/2"	*	1-1/2"	*	1-1/2"	*	1-1/2"
004-11590	2"	004-12150	2"	004-12710	2"	004-13250	2"
004-11610	2-1/2"	004-12170	2-1/2"	004-12730	2-1/2"	004-13270	2-1/2"
004-11630	3"	004-12190	3"	004-12750	3"	004-13290	3"
004-11650	3-1/2"	004-12210	3-1/2"	004-12760	3-1/2"	004-13310	3-1/2"
004-11670	4"	004-12230	4"	004-12770	4"	004-13330	4"
004-11690	4-1/2"	004-12250	4-1/2"	004-12790	4-1/2"	004-13350	4-1/2"
004-11710	5"	004-12270	5"	004-12810	5"	004-13370	5"
004-11730	5-1/2"	004-12290	5-1/2"	004-12830	5-1/2"	004-13390	5-1/2"
004-11750	6"	004-12310	6"	004-12850	6"	004-13410	6"
*	7"	004-12330	7"	004-12860	7"	*	7"
004-11790	8"	004-12350	8"	004-12870	8"	004-13420	8"
*	9"	*	9"	004-12880	9"	*	9"
004-11810	10"	004-12390	10"	004-12900	10"	*	10"
*	12"	004-12430	12"	*	12"	*	12"
*	18"	*	18"	*	18"	*	18"
*	24"	*	24"	*	24"	*	24"

*NON STOCK CALL JABO SUPPLY

IMPORT CARBON STEEL NIPPLES

SCH 80 XH NIPPLE A53

2"		2-1/2"		3"		4"	
JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH
004-13790	CLOSE	004-14330	CLOSE	004-14850	CLOSE	004-14992	CLOSE
004-13810	2-1/2"	*	2-1/2"	*	2-1/2"	*	2-1/2"
004-13830	3"	004-14350	3"	004-14870	3"	*	3"
004-13850	3-1/2"	004-14370	3-1/2"	004-14890	3-1/2"	*	3-1/2"
004-13870	4"	004-14390	4"	*	4"	004-14993	4"
004-13890	4-1/2"	004-14410	4-1/2"	004-14910	4-1/2"	*	4-1/2"
004-13910	5"	004-14430	5"	004-14950	5"	*	5"
*	5-1/2"	*	5-1/2"	*	5-1/2"	*	5-1/2"
004-13950	6"	004-14470	6"	004-14990	6"	004-14995	6"
004-13970	7"	*	7"	*	7"	*	7"
004-13990	8"	*	8"	*	8"	004-14996	8"
004-14020	10"	*	10"	*	10"	*	10"
004-14040	12"	*	12"	*	12"	*	12"
*	18"	*	18"	*	18"	*	18"
*	24"	*	24"	*	24"	*	24"
*NON STOCK CALL JABO SUPPLY							

6"	
JABO PART#	LENGTH
*	CLOSE
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	4-1/2"
*	5"
*	5-1/2"
*	6"
*	7"
*	8"
*	10"
*	12"
*	18"
*	24"
*NON STOCK CALL JABO SUPPLY	

*NON STOCK CALL JABO
SUPPLY

JABO CAN FABRICATE
NIPPLES FROM 1/8" - 4"



IMPORT

CARBON STEEL NIPPLES

SCHEDULE 80XH A106 SEAMLESS



IMPORT CARBON STEEL NIPPLES

SCH 80 XH NIPPLE A106 SEAMLESS

1/8"		1/4"		3/8"		1/2"	
JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH
004-26190	CLOSE	004-26770	CLOSE	004-27350	CLOSE	004-27930	CLOSE
004-26210	1-1/2"	004-26790	1-1/2"	004-27370	1-1/2"	004-27950	1-1/2"
004-26230	2"	004-26810	2"	004-27390	2"	004-27970	2"
004-26250	2-1/2"	004-26830	2-1/2"	004-27410	2-1/2"	004-27990	2-1/2"
004-26270	3"	004-26850	3"	004-27430	3"	004-28010	3"
004-26290	3-1/2"	004-26870	3-1/2"	004-27450	3-1/2"	004-28030	3-1/2"
004-26310	4"	004-26890	4"	004-27470	4"	004-28050	4"
004-26330	4-1/2"	004-26910	4-1/2"	*	4-1/2"	004-28070	4-1/2"
*	5"	004-26930	5"	004-27510	5"	004-28090	5"
004-26370	5-1/2"	004-26950	5-1/2"	004-27530	5-1/2"	004-28110	5-1/2"
004-26390	6"	004-26970	6"	004-27550	6"	004-28130	6"
*	7"	*	7"	*	7"	*	7"
*	8"	*	8"	*	8"	*	8"
*	10"	*	10"	*	10"	*	10"
*	12"	*	12"	*	12"	*	12"

*NON STOCK CALL JABO SUPPLY

3/4"		1"		1-1/4"		1-1/2"	
JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH
004-28510	CLOSE	004-29090	CLOSE	004-29650	CLOSE	004-30210	CLOSE
004-28530	1-1/2"	*	1-1/2"	*	1-1/2"	*	1-1/2"
004-28550	2"	004-29110	2"	004-29670	2"	004-30230	2"
004-28570	2-1/2"	004-29130	2-1/2"	004-29690	2-1/2"	004-30250	2-1/2"
004-28590	3"	004-29150	3"	004-29710	3"	004-30270	3"
004-28610	3-1/2"	004-29170	3-1/2"	004-29730	3-1/2"	004-30290	3-1/2"
004-28630	4"	004-29190	4"	004-29750	4"	004-30310	4"
004-28650	4-1/2"	004-29210	4-1/2"	004-29770	4-1/2"	004-30330	4-1/2"
004-28670	5"	004-29230	5"	004-29790	5"	004-30350	5"
004-28690	5-1/2"	004-29250	5-1/2"	004-29810	5-1/2"	004-30370	5-1/2"
004-28710	6"	004-29270	6"	004-29830	6"	004-30390	6"
*	7"	*	7"	*	7"	*	7"
004-28730	8"	*	8"	*	8"	*	8"
*	9"	*	9"	*	9"	*	9"
*	10"	*	10"	*	10"	*	10"
*	12"	*	12"	*	12"	*	12"
*	18"	*	18"	*	18"	*	18"
*	24"	*	24"	*	24"	*	24"

*NON STOCK CALL JABO SUPPLY

IMPORT CARBON STEEL NIPPLES

SCH 80 XH NIPPLE A106 SEAMLESS

2"		2-1/2"		3"		4"	
JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH	JABO PART#	LENGTH
004-30770	CLOSE	004-31010	CLOSE	*	CLOSE	*	CLOSE
*	1-1/2"	*	1-1/2"	*	1-1/2"	*	1-1/2"
*	2"	*	2"	*	2"	*	2"
004-30790	2-1/2"	*	2-1/2"	*	2-1/2"	*	2-1/2"
004-30810	3"	*	3"	*	3"	*	3"
004-30830	3-1/2"	*	3-1/2"	*	3-1/2"	*	3-1/2"
004-30850	4"	*	4"	004-31140	4"	*	4"
004-30870	4-1/2"	*	4-1/2"	*	4-1/2"	*	4-1/2"
004-30890	5"	*	5"	*	5"	*	5"
004-30910	5-1/2"	*	5-1/2"	*	5-1/2"	*	5-1/2"
004-30930	6"	*	6"	*	6"	*	6"
*	7"	*	7"	*	7"	*	7"
*	8"	*	8"	*	8"	*	8"
*	10"	*	10"	*	10"	*	10"
*	12"	*	12"	*	12"	*	12"
*	18"	*	18"	*	18"	*	18"
*	24"	*	24"	*	24"	*	24"
*NON STOCK CALL JABO SUPPLY							

5"		6"	
JABO PART#	LENGTH	JABO PART#	LENGTH
*	CLOSE	*	CLOSE
*	1-1/2"	*	1-1/2"
*	2"	*	2"
*	2-1/2"	*	2-1/2"
*	3	*	3
*	3-1/2"	*	3-1/2"
*	4"	*	4"
*	4-1/2"	*	4-1/2"
004-31550	5"	*	5"
*	5-1/2"	*	5-1/2"
*	6"	*	6"
*	7"	*	7"
*	8"	*	8"
*	10"	*	10"
*	12"	*	12"
*	18"	*	18"
*	24"	*	24"
*NON STOCK CALL JABO SUPPLY			

*NON STOCK CALL JABO
SUPPLY

JABO CAN FABRICATE
NIPPLES FROM 1/8" - 4"



DOMESTIC

CARBON STEEL NIPPLES



ALL DOMESTIC NIPPLES ARE NON STOCK

CALL YOUR JABO CSR AND ASK FOR THE FOLLOWING

1. DOMESTIC CARBON STEEL NIPPLES
2. Size
3. Length
4. Schedule
5. A53 or A106 Seamless

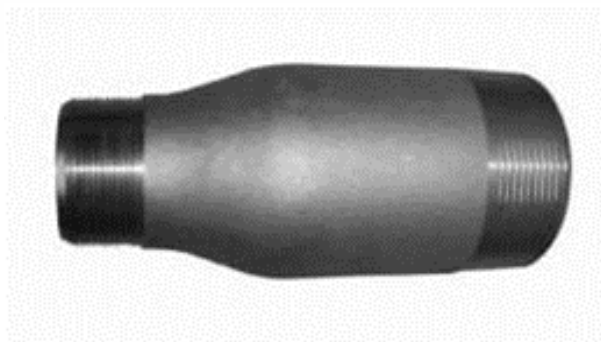


AVAILABLE IN BOTH

IMPORT

DOMESTIC

CARBON STEEL
SWAGE NIPPLES



IMPORT SWAGE NIPPLES

SCH 40 STD & XH

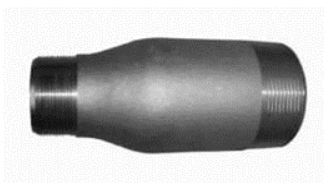
IMPORT

STD SWAGE NIPPLES

IMPORT	
	
JABO PART#	SIZE
010-98791	2"X1-1/4"
010-98792	2" X 1-1/2"
010-98860	3" X 2"
010-98940	4"X 2"
010-98960	4" X 3"
OTHER SIZES AVAIL UPON REQUEST	

SWAGE NIPPLE IS ALSO
KNOWN AS A REDUCING
NIPPLE

XH SWAGE NIPPLES

IMPORT	
	
JABO PART#	SIZE
010-98220	3/8" X 1/4"
010-98230	3/8" X 1/8"
010-98280	1/2" X 3/8"
010-98300	3/4" X 1/4"
010-98320	3/4" X 3/8"
010-98340	3/4" X 1/2"
010-98380	1" X 1/2"
010-98400	1" X 3/4"
010-98450	1-1/4" X 1/2"
010-98460	1-1/4" X 3/4"
010-98660	2" X 1/2"
010-98740	2" X 1-1/2"
OTHER SIZES AVAIL UPON REQUEST	

DOMESTIC

DOMESTIC SWAGE NIPPLES ARE NON STOCK

Call your Jabo CSR for more details

CARBON STEEL NIPPLES



JABO SUPPLY SINCE 1964 SERVICE IS MORE THAN A PROMISE
(304)-736-8333

CARBON STEEL FORGED FITTINGS



THREADED



SOCKET WELD

INDEX

PAGE

Commonly Asked Questions

75

THREADED	Import Threaded Forged Steel Picture Index	78
	Domestic Threaded Forged Steel Picture Index	79
	Types of Threaded Forged Steel Fittings	80
	Import Threaded Forged Steel Fittings	81-89
	Domestic Threaded Forged Steel Fittings	90- 98

SOCKET WELD	Socket Weld Import Forged Fitting Picture Index	100
	Types of Socket Weld Fittings	101
	Import Socket Weld Forged Steel Fittings	102-105
	Domestic Socket Weld Forged Fittings (Non Stock)	106

CARBON STEEL FORGED FITTINGS

THREADED	Import	Domestic
TYPES	PAGE #	PAGE #
Elbows (90 / 45)	82	91
Couplings (Full/ Half)	83	92
NPT X Socket Weld Couplings	84	93
NPTF Dry Seal Couplings	85	94
Tees	86	95
Caps	86	95
Unions	87	96
Plugs	87	96
Crosses	88	97
Street Elbows	88	97
Hex Bushings	89	98
Reducing Couplings	89	98

SOCKET WELD	Import	Domestic
TYPES	PAGE #	PAGE #
Elbows (90 / 45)	103	*
Couplings (Full/ Half)	103	*
NPT X Socket Weld Couplings	103	*
NPTF Dry Seal Couplings		*
Tees	104	*
Caps	104	*
Unions	104	*
Plugs		*
Crosses	104	*
Street Elbows	N/A	*
Reducing Insert	105	*
Reducing Couplings	105	*

* NON STOCK

All Forged Steel Fittings Pressure Classes are listed on same page 2000 / 3000 / 6000

MOST COMMONLY ASKED QUESTIONS

TYPES OF MATERIAL

Carbon Steel A106

Stainless Steel A182

TYPES OF END CONNECTIONS

Threaded

Socket Weld

PRESSURE CLASS

2000 lb (Threaded Only)

3000 lb (Threaded & Socket Weld Available)

6000 lb (Threaded & Socket Weld Available)

9000 lb (Threaded & Socket Weld Available)


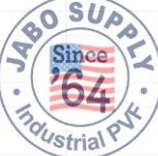
PLEASE LET YOUR CSR KNOW
WHEN ORDERING IF AN MTR IS
REQUIRED.

SIZE AVAILABLE

UP TO 4"

MTR

MTR Available - Please let your CSR know MTR is need when ordering

AVAILABLE IN BOTH IMPORT	<h2>APPLICATION</h2> <p>Many different industries use carbon steel forged products. There are several reasons for using forged steel over malleable type of fittings.</p> <ol style="list-style-type: none"> 1. Withstand more vibration 2. Higher pressure rating 3. Holds up better in very corrosive applications
	
DOMESTIC	
	

AVAILABLE IN BOTH

IMPORT

DOMESTIC



CARBON STEEL FORGED FITTINGS



THREADED



AVAILABLE IN

#2000
#3000
#6000
#9000

THREADED

PICTURE INDEX IMPORT FORGED STEEL THREADED FITTINGS

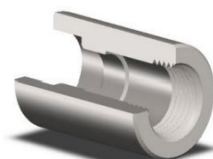



THREADED 90 ELBOW 2000/3000/6000	THREADED 45 ELBOW 2000/3000/6000	THREADED FULL COUPLING 2000/3000/6000	THREADED HALF COUPLING 2000/3000/6000
			
PAGE 82	PAGE 82	PAGE 83	PAGE 83
NPT X SOCKET WELD 2000/3000/6000	NPTF DRYSEAL FULL COUPLING 2000/3000/6000	NPTF DRYSEAL HALF COUPLING 2000/3000/6000	THREADED TEE 2000/3000/6000
			
PAGE 84	PAGE 85	PAGE 85	PAGE 86
THREADED CAP 2000/3000/6000	THREADED UNION 2000/3000/6000	THREADED HEX HEAD PLUG 2000/3000/6000	THREADED SQUARE HEAD PLUG 2000/3000/6000
			
PAGE 86	PAGE 87	PAGE 87	PAGE 87
THREADED CROSS 2000/3000/6000	THREADED STREET 90 2000/3000/6000	THREADED HEX BUSHING 3000-6000	REDUCING COUPLING 3000-6000
			
PAGE 88	PAGE 88	PAGE 89	PAGE 89
JABO SUPPLY			
CALL YOUR CSR FOR ALL YOUR THREADED FORGED FITTING NEEDS			
			


PICTURE INDEX DOMESTIC FORGED STEEL THREADED FITTINGS





THREADED 90 ELBOW	THREADED 45 ELBOW	THREADED FULL COUPLING	THREADED HALF COUPLING
2000/3000/6000	2000/3000/6000	2000/3000/6000	2000/3000/6000
			
PAGE 91	PAGE 91	PAGE 92	PAGE 92
NPT X SOCKET WELD	NPTF DRYSEAL FULL COUPLING	NPTF DRYSEAL HALF COUPLING	THREADED TEE
2000/3000/6000	2000/3000/6000	2000/3000/6000	2000/3000/6000
			
PAGE 93	PAGE 94	PAGE 94	PAGE 95
THREADED CAP	THREADED UNION	HEX HEAD PLUG	SQUARE HEAD PLUG
2000/3000/6000	2000/3000/6000	2000/3000/6000	2000/3000/6000
			
PAGE 95	PAGE 96	PAGE 96	PAGE 96
THREADED CROSS	THREADED STREET 90	HEX BUSHING	REDUCING COUPLING
2000/3000/6000	2000/3000/6000	3000-6000	3000-6000
			
PAGE 97	PAGE 97	PAGE 98	PAGE 98
JABO SUPPLY			
CALL YOUR CSR FOR ALL YOUR THREADED FORGED FITTING NEEDS			
			

TYPES OF FORGED STEEL FITTINGS

THREADED 90 ELL	THREADED 45 ELL	THREADED COUPLING FULL	THREADED 1/2 COUPLING
			

NPT X SOCKET WELD COUPLING	THREADED DRY SEAL FULL COUPLING (NPTF)	THREADED DRY SEAL 1/2" COUPLING (NPTF)	THREADED TEE
			
	NO TAPE NEEDED WITH DRYSEAL	NO TAPE NEEDED WITH DRYSEAL	

THREADED CAP	THREADED UNION	HEX HEAD PLUG	SQUARE HEAD PLUG
			

CROSS	THREADED REDUCER	THREADED HEX BUSHING	THREADED REDUCER
			

HEX HEAD COUNTER SUNK PLUG	THREAD O'LETS
NA IN FORGED STEEL	See O'lets

IMPORT





CARBON STEEL FORGED FITTINGS

THREADED


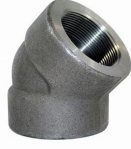



IMPORT THREADED

ELBOWS

2000		3000		6000		
IMPORT		IMPORT		IMPORT		
						<div>*NON STOCK CALL JABO</div>
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	
*	1/8"	009-40700	1/8"	*	1/8"	
009-39760	1/4"	009-40720	1/4"	*	1/4"	
009-39780	3/8"	009-40740	3/8"	*	3/8"	
009-39800	1/2"	009-40760	1/2"	*	1/2"	
009-39820	3/4"	009-40780	3/4"	*	3/4"	
009-39840	1"	009-40800	1"	*	1"	
009-39860	1-1/4"	009-40820	1-1/4"	*	1-1/4"	
009-39880	1-1/2"	009-40840	1-1/2"	*	1-1/2"	
009-39900	2"	009-40860	2"	*	2"	
009-39920	2-1/2"	009-40880	2-1/2"	*	2-1/2"	
009-39940	3"	009-40890	3"	*	3"	
*	4"	009-40900	4"	*	4"	

45 ELL

2000		3000		6000	
IMPORT		IMPORT		IMPORT	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	009-40940	1/8"	*	1/8"
009-40000	1/4"	009-40960	1/4"	*	1/4"
009-40020	3/8"	009-40980	3/8"	*	3/8"
009-40040	1/2"	009-41000	1/2"	*	1/2"
009-40060	3/4"	009-41020	3/4"	*	3/4"
009-40080	1"	009-41040	1"	*	1"
009-40100	1-1/4"	009-41060	1-1/4"	*	1-1/4"
009-40120	1-1/2"	009-41080	1-1/2"	*	1-1/2"
009-40140	2"	009-41100	2"	*	2"
009-40160	2-1/2"	009-41120	2-1/2"	*	2-1/2"
*	3"	009-41140	3"	*	3"
*	4"	009-41160	4"	*	4"




IMPORT THREADED

FULL / HALF COUPLINGS

FULL COUPLINGS

2000		3000		6000		
IMPORT		IMPORT		IMPORT		
						
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	*NON STOCK CALL JABO
SEE 3000#	1/8"	009-41960	1/8"	*	1/8"	
	1/4"	009-41980	1/4"	009-42428	1/4"	
	3/8"	009-42000	3/8"	009-42429	3/8"	
	1/2"	009-42020	1/2"	009-42430	1/2"	
	3/4"	009-42040	3/4"	009-42431	3/4"	
	1"	009-42060	1"	009-42432	1"	
	1-1/4"	009-42080	1-1/4"	009-42433	1-1/4"	
	1-1/2 "	009-42100	1-1/2 "	009-42434	1-1/2 "	
	2 "	009-42120	2 "	009-42435	2 "	
	2-1/2 "	009-42140	2-1/2 "	009-42436	2-1/2 "	
	3 "	009-42160	3 "	009-42437	3 "	
	4"	009-42180	4"	009-42438	4"	



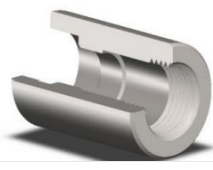

1/2 COUPLINGS

2000		3000		6000	
IMPORT		IMPORT		IMPORT	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
SEE 3000#	1/8"	009-42210	1/8"	*	1/8"
	1/4"	009-42220	1/4"	009-42410	1/4"
	3/8"	009-42240	3/8"	009-42412	3/8"
	1/2"	009-42260	1/2"	009-42414	1/2"
	3/4"	009-42280	3/4"	009-42416	3/4"
	1"	009-42300	1"	009-42418	1"
	1-1/4"	009-42320	1-1/4"	009-42420	1-1/4"
	1-1/2 "	009-42340	1-1/2 "	009-42422	1-1/2 "
	2 "	009-42360	2 "	009-42424	2 "
	2-1/2 "	009-42380	2-1/2 "	*	2-1/2 "
	3 "	009-42400	3 "	009-42426	3 "
	4"	009-42404	4"	*	4"

IMPORT THREADED

NPT X SOCKET WELD





FULL NPT X SOCKET WELD

2000		3000		6000		
IMPORT		IMPORT		IMPORT		
						
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	*NON STOCK CALL JABO
SEE 3000#	1/8"	*	1/8"	*	1/8"	
	1/4"	*	1/4"	*	1/4"	
	3/8"	*	3/8"	*	3/8"	
	1/2 "	*	1/2 "	*	1/2 "	
	3/4"	*	3/4"	*	3/4"	
	1"	*	1"	*	1"	
	1-1/4"	*	1-1/4"	*	1-1/4"	
	1-1/2 "	*	1-1/2 "	*	1-1/2 "	
	2 "	*	2 "	*	2 "	
	2-1/2 "	*	2-1/2 "	*	2-1/2 "	
	3 "	*	3 "	*	3 "	
	4"	*	4"	*	4"	

IMPORT THREADED

THREADED NPTF DRY SEAL COUPLING

DRY SEAL FULL COUPLINGS

2000		3000		6000		
IMPORT		IMPORT		IMPORT		
						
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	*NON STOCK CALL JABO
SEE 3000#	1/8"	*	1/8"	*	1/8"	
	1/4"	*	1/4"	*	1/4"	
	3/8"	*	3/8"	*	3/8"	
	1/2 "	*	1/2 "	*	1/2 "	
	3/4"	*	3/4"	*	3/4"	
	1"	*	1"	*	1"	
	1-1/4"	*	1-1/4"	*	1-1/4"	
	1-1/2 "	*	1-1/2 "	*	1-1/2 "	
	2 "	*	2 "	*	2 "	
	2-1/2 "	*	2-1/2 "	*	2-1/2 "	
	3 "	*	3 "	*	3 "	
	4"	*	4"	*	4"	





DRY SEAL 1/2 COUPLINGS

2000		3000		6000	
IMPORT		IMPORT		IMPORT	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
SEE 3000#	1/8"	*	1/8"	*	1/8"
	1/4"	*	1/4"	*	1/4"
	3/8"	*	3/8"	*	3/8"
	1/2"	*	1/2"	*	1/2"
	3/4"	*	3/4"	*	3/4"
	1"	*	1"	*	1"
	1-1/4"	*	1-1/4"	*	1-1/4"
	1-1/2 "	*	1-1/2 "	*	1-1/2 "
	2 "	*	2 "	*	2 "
	2-1/2 "	*	2-1/2 "	*	2-1/2 "
	3 "	*	3 "	*	3 "
	4"	*	4"	*	4"




IMPORT THREADED

TEES / CAPS

TEE

2000		3000		6000		
IMPORT		IMPORT		IMPORT		
						
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	*NON STOCK CALL JABO
*	1/8"	009-41180	1/8"	*	1/8"	
009-40240	1/4"	009-41200	1/4"	*	1/4"	
009-40260	3/8"	009-41220	3/8"	*	3/8"	
009-40280	1/2"	009-41240	1/2"	*	1/2"	
009-40300	3/4"	009-41260	3/4"	*	3/4"	
009-40320	1"	009-41280	1"	*	1"	
009-40340	1-1/4"	009-41300	1-1/4"	*	1-1/4"	
009-40360	1-1/2 "	009-41320	1-1/2 "	*	1-1/2 "	
009-40380	2 "	009-41340	2 "	*	2 "	
*	2-1/2 "	CALL JABO	2-1/2 "	*	2-1/2 "	
009-40390	3 "	CALL JABO	3 "	*	3 "	
*	4"	CALL JABO	4"	*	4"	




CAPS

2000 IMPORT		3000 IMPORT		6000 IMPORT	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	009-43640	1/8"	*	1/8"
*	1/4"	009-43660	1/4"	*	1/4"
*	3/8"	009-43680	3/8"	*	3/8"
*	1/2"	009-43700	1/2"	*	1/2"
*	3/4"	009-43720	3/4"	*	3/4"
*	1"	009-43740	1"	*	1"
*	1-1/4"	009-43760	1-1/4"	*	1-1/4"
*	1-1/2 "	009-43780	1-1/2 "	*	1-1/2 "
*	2 "	009-43800	2 "	*	2 "
*	2-1/2 "	009-43820	2-1/2 "	*	2-1/2 "
*	3 "	009-43840	3 "	*	3 "
*	4"	*	4"	*	4"

IMPORT THREADED

UNIONS / PLUGS

UNION

2000		3000		6000	
IMPORT		IMPORT		IMPORT	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	009-57740	1/8"	*	1/8"
*	1/4"	009-57760	1/4"	*	1/4"
*	3/8"	009-57780	3/8"	*	3/8"
*	1/2"	009-57800	1/2"	*	1/2"
*	3/4"	009-57820	3/4"	*	3/4"
*	1"	009-57840	1"	*	1"
*	1-1/4"	009-57860	1-1/4"	*	1-1/4"
*	1-1/2 "	009-57880	1-1/2 "	*	1-1/2 "
*	2 "	009-57900	2 "	*	2 "
*	2-1/2 "	009-57920	2-1/2 "	*	2-1/2 "
*	3 "	009-57940	3 "	*	3 "
*	4"	*	4"	*	4"



*NON STOCK CALL
JABO

HEX HEAD PLUG

3000-6000	
IMPORT	
	
JABO PART#	SIZE
009-47200	1/8"
009-47220	1/4"
009-47240	3/8"
009-47260	1/2"
009-47280	3/4"
009-47300	1"
009-47320	1-1/4"
009-47340	1-1/2 "
009-47360	2 "
009-47380	2-1/2 "
009-47400	3 "
009-47420	4"

ALL CARBON STEEL FORGED
PLUGS RATED FOR 3000-
6000 LB CLASS

*NON STOCK CALL JABO





SQUARE HEAD PLUG

3000-6000	
IMPORT	
	
JABO PART#	SIZE
009-46960	1/8"
009-46980	1/4"
009-47000	3/8"
009-47020	1/2"
009-47040	3/4"
009-47060	1"
009-47080	1-1/4"
009-47100	1-1/2 "
009-47120	2 "
009-47140	2-1/2 "
009-47150	3 "
*	4"




IMPORT THREADED

CROSS / STREET ELBOW

CROSS


2000		3000		6000		
IMPORT		IMPORT		IMPORT		
						
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	<div>*NON STOCK CALL JABO</div>
*	1/8"	*	1/8"	*	1/8"	
*	1/4"	*	1/4"	*	1/4"	
*	3/8"	*	3/8"	*	3/8"	
*	1/2 "	009-40520	1/2 "	*	1/2 "	
*	3/4"	009-40540	3/4"	*	3/4"	
*	1"	009-40560	1"	*	1"	
*	1-1/4"	*	1-1/4"	*	1-1/4"	
*	1-1/2 "	009-40600	1-1/2 "	*	1-1/2 "	
*	2 "	009-40620	2 "	*	2 "	
*	2-1/2 "	*	2-1/2 "	*	2-1/2 "	
*	3 "	*	3 "	*	3 "	
*	4"	*	4"	*	4"	

STREET ELL

2000		3000		6000	
IMPORT		IMPORT		IMPORT	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	009-41660	1/8"	*	1/8"
*	1/4"	009-41680	1/4"	*	1/4"
*	3/8"	009-41700	3/8"	*	3/8"
*	1/2"	009-41720	1/2"	*	1/2"
*	3/4"	009-41740	3/4"	*	3/4"
*	1"	009-41760	1"	*	1"
*	1-1/4"	009-41780	1-1/4"	*	1-1/4"
*	1-1/2 "	009-41800	1-1/2 "	*	1-1/2 "
*	2 "	009-41820	2 "	*	2 "
*	2-1/2 "	*	2-1/2 "	*	2-1/2 "
*	3 "	*	3 "	*	3 "
*	4"	*	4"	*	4"

IMPORT THREADED


HEX BUSHING

3000-6000	
IMPORT	
	
JABO PART#	SIZE
009-47680	1/4" X 1/8"
009-47700	3/8" X 1/4"
009-47720	3/8" X 1/8"
009-47740	1/2" X 3/8"
009-47760	1/2" X 1/4"
009-47780	1/2" X 1/8"
009-47800	3/4" X 1/2"
009-47820	3/4" X 3/8"
009-47840	3/4" X 1/4"
009-47850	3/4" X 1/8"
009-47880	1" X 3/4"
009-47900	1" X 1/2"
009-47920	1" X 3/8"
009-47940	1" X 1/4"
009-47980	1-1/4" X 1"
009-48000	1-1/4" X 3/4"
009-48020	1-1/4" X 1/2"
009-48100	1-1/2" X 1-1/4"
009-48120	1-1/2" X 1"
009-48140	1-1/2" X 3/4"
009-48160	1-1/2" X 1/2"
009-48163	1-1/2" X 3/8"
009-48170	1-1/2" X 1/4"
009-48240	2" X 1-1/2"
009-48260	2" X 1 1/4"
009-48280	2" X 1"
009-48300	2" X 3/4"
009-48320	2" X 1/2"
009-48330	2" X 1/4"
009-48400	2-1/2" X 2"
009-48580	3" X 2-1/2"
009-48600	3" X 2"
009-48620	3" X 1-1/2"
009-48800	4" X 3"
009-48840	4" X 2"

*NON STOCK CALL JABO



RED COUPLING

3000-6000	
IMPORT	
	
JABO PART#	SIZE
009-42440	1/4" X 1/8"
009-42460	3/8" X 1/4"
009-42450	3/8" X 1/8"
009-42500	1/2" X 3/8"
009-42520	1/2" X 1/4"
009-42540	1/2" X 1/8"
009-42560	3/4" X 1/2"
009-42580	3/4" X 3/8"
009-42600	3/4" X 1/4"
*	3/4" X 1/8"
009-42640	1" X 3/4"
*	1" X 1/2"
009-42660	1" X 3/8"
009-42680	1" X 1/4"
009-42700	1-1/4" X 1"
009-42740	1-1/4" X 3/4"
009-42760	1-1/4" X 1/2"
009-42770	1-1/2" X 1-1/4"
009-42840	1-1/2" X 1"
009-42860	1-1/2" X 3/4"
009-42880	1-1/2" X 1/2"
009-42900	1-1/2" X 3/8"
*	1-1/2" X 1/4"
009-42960	2" X 1-1/2"
009-42980	2" X 1-1/4"
009-43000	2" X 1"
009-43020	2" X 3/4"
009-43040	2" X 1/2"
*	2" X 1/4"
*	2-1/2" X 2"
*	3" X 2-1/2"
*	3" X 2"
*	3" X 1-1/2"
*	4" X 3"
*	4" X 2"



*NON STOCK CALL JABO

DOMESTIC

CARBON STEEL FORGED FITTINGS



THREADED



DOMESTIC THREADED

ELBOWS

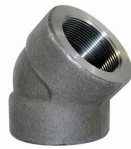


90 ELBOWS

2000		3000		6000	
DOMESTIC		DOMESTIC		DOMESTIC	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	*	1/8"	009-70000	1/8"
*	1/4"	*	1/4"	009-70001	1/4"
*	3/8"	*	3/8"	009-70002	3/8"
*	1/2"	*	1/2"	009-70003	1/2"
*	3/4"	*	3/4"	009-70004	3/4"
*	1"	*	1"	009-70005	1"
*	1-1/4"	*	1-1/4"	009-70006	1-1/4"
*	1-1/2 "	*	1-1/2 "	009-70007	1-1/2 "
*	2 "	*	2 "	009-70008	2 "
*	2-1/2 "	*	2-1/2 "	*	2-1/2 "
*	3 "	*	3 "	*	3 "
*	4"	*	4"	*	4"



*NON STOCK CALL
JABO





45 ELBOWS

2000		3000		6000	
DOMESTIC		DOMESTIC		DOMESTIC	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	*	1/8"	*	1/8"
*	1/4"	*	1/4"	*	1/4"
*	3/8"	*	3/8"	*	3/8"
*	1/2"	*	1/2"	009-70012	1/2"
*	3/4"	*	3/4"	009-70013	3/4"
*	1"	*	1"	009-70014	1"
*	1-1/4"	*	1-1/4"	009-70016	1-1/4"
*	1-1/2 "	*	1-1/2 "	*	1-1/2 "
*	2 "	*	2 "	*	2 "
*	2-1/2 "	*	2-1/2 "	*	2-1/2 "
*	3 "	*	3 "	*	3 "
*	4"	*	4"	*	4"




DOMESTIC THREADED

FULL / HALF COUPLINGS

FULL COUPLINGS

2000		3000		6000		
DOMESTIC		DOMESTIC		DOMESTIC		
						
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	<div>*NON STOCK CALL JABO</div>
SEE 3000#	1/8"	*	1/8"	009-70057	1/8"	
	1/4"	009-69000	1/4"	009-70058	1/4"	
	3/8"	009-69001	3/8"	009-70059	3/8"	
	1/2"	009-69002	1/2"	009-70060	1/2"	
	3/4"	009-69003	3/4"	009-70061	3/4"	
	1"	009-69004	1"	009-70062	1"	
	1-1/4"	009-69005	1-1/4"	009-70063	1-1/4"	
	1-1/2 "	009-69006	1-1/2 "	009-70064	1-1/2 "	
	2 "	009-69007	2 "	009-70065	2 "	
	2-1/2 "	009-69008	2-1/2 "	*	2-1/2 "	
	3 "	009-69009	3 "	*	3 "	
	4"	009-69010	4"	*	4"	


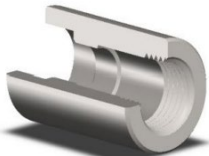
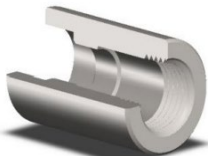

1/2 COUPLINGS

2000		3000		6000	
DOMESTIC		DOMESTIC		DOMESTIC	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
SEE 3000#	1/8"	*	1/8"	*	1/8"
	1/4"	009-69011	1/4"	*	1/4"
	3/8"	009-69012	3/8"	*	3/8"
	1/2"	009-69013	1/2"	*	1/2"
	3/4"	009-69014	3/4"	*	3/4"
	1"	009-69015	1"	*	1"
	1-1/4"	009-69016	1-1/4"	*	1-1/4"
	1-1/2 "	009-69017	1-1/2 "	*	1-1/2 "
	2 "	009-69018	2 "	*	2 "
	2-1/2 "	009-69019	2-1/2 "	*	2-1/2 "
	3 "	009-69020	3 "	*	3 "
	4"	009-69021	4"	*	4"

DOMESTIC THREADED

NPT X SOCKET WELD





FULL NPT X SOCKET WELD

2000		3000		6000		
DOMESTIC		DOMESTIC		DOMESTIC		
						
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	*NON STOCK CALL JABO
SEE 3000#	1/8"	*	1/8"	*	1/8"	
	1/4"	*	1/4"	*	1/4"	
	3/8"	*	3/8"	*	3/8"	
	1/2"	*	1/2"	*	1/2"	
	3/4"	*	3/4"	*	3/4"	
	1"	*	1"	*	1"	
	1-1/4"	*	1-1/4"	*	1-1/4"	
	1-1/2 "	*	1-1/2 "	*	1-1/2 "	
	2 "	*	2 "	*	2 "	
	2-1/2 "	*	2-1/2 "	*	2-1/2 "	
	3 "	*	3 "	*	3 "	
	4"	*	4"	*	4"	




DOMESTIC THREADED

THREADED NPTF DRY SEAL COUPLING

DRY SEAL FULL COUPLINGS

2000		3000		6000		
DOMESTIC		DOMESTIC		DOMESTIC		
						
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	<div>*NON STOCK CALL JABO</div>
SEE 3000#	1/8"	*	1/8"	*	1/8"	
	1/4"	009-69211	1/4"	*	1/4"	
	3/8"	*	3/8"	*	3/8"	
	1/2"	*	1/2"	*	1/2"	
	3/4"	009-69216	3/4"	*	3/4"	
	1"	*	1"	*	1"	
	1-1/4"	*	1-1/4"	*	1-1/4"	
	1-1/2 "	*	1-1/2 "	*	1-1/2 "	
	2 "	*	2 "	*	2 "	
	2-1/2 "	*	2-1/2 "	*	2-1/2 "	
	3 "	*	3 "	*	3 "	
	4"	*	4"	*	4"	




DRY SEAL 1/2 COUPLINGS

2000		3000		6000	
DOMESTIC		DOMESTIC		DOMESTIC	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
SEE 3000#	1/8"	*	1/8"	*	1/8"
	1/4"	009-69210	1/4"	*	1/4"
	3/8"	*	3/8"	*	3/8"
	1/2"	*	1/2"	*	1/2"
	3/4"	009-69215	3/4"	*	3/4"
	1"	*	1"	*	1"
	1-1/4"	*	1-1/4"	*	1-1/4"
	1-1/2 "	*	1-1/2 "	*	1-1/2 "
	2 "	*	2 "	*	2 "
	2-1/2 "	*	2-1/2 "	*	2-1/2 "
	3 "	*	3 "	*	3 "
	4"	009-42404	4"	*	4"

DOMESTIC THREADED

TEES / CAPS




TEE

2000		3000		6000	
DOMESTIC		DOMESTIC		DOMESTIC	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	*	1/8"	009-70045	1/8"
*	1/4"	*	1/4"	009-70046	1/4"
*	3/8"	*	3/8"	009-70047	3/8"
*	1/2"	*	1/2"	009-70048	1/2"
*	3/4"	*	3/4"	009-70049	3/4"
*	1"	*	1"	009-70050	1"
*	1-1/4"	*	1-1/4"	009-70051	1-1/4"
*	1-1/2 "	*	1-1/2 "	009-70052	1-1/2 "
*	2 "	*	2 "	009-70053	2 "
*	2-1/2 "	*	2-1/2 "	*	2-1/2 "
*	3 "	*	3 "	*	3 "
*	4"	*	4"	*	4"



*NON STOCK CALL
JABO





CAPS

2000		3000		6000	
2M THD CAP		3M THD CAP		6M THD CAP	
DOMESTIC		DOMESTIC		DOMESTIC	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	*	1/8"	009-70069	1/8"
*	1/4"	*	1/4"	009-70070	1/4"
*	3/8"	*	3/8"	*	3/8"
*	1/2"	*	1/2"	009-70072	1/2"
*	3/4"	*	3/4"	009-70073	3/4"
*	1"	*	1"	009-70074	1"
*	1-1/4"	*	1-1/4"	009-70075	1-1/4"
*	1-1/2 "	*	1-1/2 "	009-70076	1-1/2 "
*	2 "	*	2 "	009-70077	2 "
*	2-1/2 "	*	2-1/2 "	*	2-1/2 "
*	3 "	*	3 "	*	3 "
*	4"	*	4"	*	4"

DOMESTIC THREADED

UNIONS / PLUGS

THREADED UNIONS

2000		3000		6000		
DOMESTIC		DOMESTIC		DOMESTIC		
						<div>*NON STOCK CALL JABO</div>
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	
*	1/8"	*	1/8"	009-70400	1/8"	
*	1/4"	*	1/4"	009-70401	1/4"	
*	3/8"	*	3/8"	009-70402	3/8"	
*	1/2"	*	1/2"	009-70403	1/2"	
*	3/4"	*	3/4"	009-70404	3/4"	
*	1"	*	1"	009-70405	1"	
*	1-1/4"	*	1-1/4"	009-70406	1-1/4"	
*	1-1/2 "	*	1-1/2 "		1-1/2 "	
*	2 "	*	2 "	009-70407	2 "	
*	2-1/2 "	*	2-1/2 "		2-1/2 "	
*	3 "	*	3 "		3 "	
*	4"	*	4"		4"	

HEX HEAD PLUG

3000-6000	
DOMESTIC	
	
JABO PART#	SIZE
009-70181	1/8"
009-70182	1/4"
009-70183	3/8"
009-70184	1/2"
009-70185	3/4"
009-70186	1"
*	1-1/4"
009-70188	1-1/2 "
009-70189	2 "
*	2-1/2 "
*	3 "
*	4"

ALL CARBON STEEL FORGED
PLUGS RATED FOR 3000-
6000 LB CLASS





SQUARE HEAD PLUG

3000-6000	
DOMESTIC	
	
JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2 "
*	2 "
*	2-1/2 "
*	3 "
*	4"




DOMESTIC THREADED

CROSS / ST ELBOW

THREADED CROSS

2000		3000		6000		
DOMESTIC		DOMESTIC		DOMESTIC		
						<div>*NON STOCK CALL JABO</div>
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	
*	1/8"	*	1/8"	*	1/8"	
*	1/4"	*	1/4"	*	1/4"	
*	3/8"	*	3/8"	*	3/8"	
*	1/2 "	*	1/2"	*	1/2"	
*	3/4"	*	3/4"	009-70037	3/4"	
*	1"	*	1"	009-70038	1"	
*	1-1/4"	*	1-1/4"	009-70039	1-1/4"	
*	1-1/2 "	*	1-1/2 "	*	1-1/2 "	
*	2 "	*	2 "	*	2 "	
*	2-1/2 "	*	2-1/2 "	*	2-1/2 "	
*	3 "	*	3 "	*	3 "	
*	4"	*	4"	*	4"	


STREET ELL

2000		3000		6000	
DOMESTIC		DOMESTIC		DOMESTIC	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
*	1/8"	*	1/8"	009-70021	1/8"
*	1/4"	*	1/4"	009-70022	1/4"
*	3/8"	*	3/8"	009-70023	3/8"
*	1/2"	*	1/2"	009-70024	1/2"
*	3/4"	*	3/4"	009-70025	3/4"
*	1"	*	1"	009-70026	1"
*	1-1/4"	*	1-1/4"	*	1-1/4"
*	1-1/2 "	*	1-1/2 "	009-70028	1-1/2 "
*	2 "	*	2 "	009-70029	2 "
*	2-1/2 "	*	2-1/2 "	*	2-1/2 "
*	3 "	*	3 "	*	3 "
*	4"	*	4"	*	4"


IMPORT THREADED CARBON STEEL FORGED FITTINGS

HEX BUSHING / REDUCING COUPLINGS

HEX BUSHING

3000-6000	
DOMESTIC	
	
JABO PART#	SIZE
*	1/4" X 1/8"
*	3/8" X 1/4"
*	3/8" X 1/8"
009-70300	1/2" X 3/8"
*	1/2" X 1/4"
*	1/2" X 1/8"
009-70310	3/4" X 1/2"
*	3/4" X 3/8"
*	3/4" X 1/4"
*	3/4" X 1/8"
009-70320	1" X 3/4"
*	1" X 1/2"
*	1" X 3/8"
*	1" X 1/4"
*	1-1/4" X 1"
*	1-1/4" X 3/4"
*	1-1/4" X 1/2"
*	1-1/2" X 1-1/4"
009-70330	1-1/2" X 1"
*	1-1/2" X 3/4"
*	1-1/2" X 1/2"
*	1-1/2" X 3/8"
*	1-1/2" X 1/4"
*	2" X 1-1/2"
*	2" X 1-1/4"
009-70340	2" X 1"
*	2" X 3/4"
*	2" X 1/2"
*	2" X 1/4"
*	2-1/2" X 2"
*	3" X 2-1/2"
*	3" X 2"
*	3" X 1-1/2"
*	4" X 3"
*	4" X 2"

REDUCING COUPLING

3000-6000	
DOMESTIC	
	
JABO PART#	SIZE
009-70220	1/4" X 1/8"
*	3/8" X 1/4"
*	3/8" X 1/8"
*	1/2" X 3/8"
009-70226	1/2" X 1/4"
*	1/2" X 1/8"
009-70230	3/4" X 1/2"
*	3/4" X 3/8"
*	3/4" X 1/4"
*	3/4" X 1/8"
009-70234	1" X 3/4"
*	1" X 1/2"
*	1" X 3/8"
*	1" X 1/4"
*	1-1/4" X 1"
*	1-1/4" X 3/4"
*	1-1/4" X 1/2"
*	1-1/2" X 1-1/4"
*	1-1/2" X 1"
*	1-1/2" X 3/4"
*	1-1/2" X 1/2"
*	1-1/2" X 3/8"
*	1-1/2" X 1/4"
*	2" X 1-1/2"
*	2" X 1-1/4"
*	2" X 1"
*	2" X 3/4"
*	2" X 1/2"
*	2" X 1/4"
*	2-1/2" X 2"
*	3" X 2-1/2"
*	3" X 2"
*	3" X 1-1/2"
*	4" X 3"
*	4" X 2"



*NON STOCK CALL
JABO

AVAILABLE IN BOTH

IMPORT

DOMESTIC

CARBON STEEL FORGED FITTINGS

SOCKET WELD



AVAILABLE IN

#2000

#3000

#6000

#9000

SOCKET WELD

PICTURE INDEX IMPORT FORGED STEEL SOCKET WELD FITTINGS

SOCKET WELD 90 ELBOW	SOCKET WELD 45 ELBOW	SOCKET WELD FULL COUPLING	SOCKET WELD HALF COUPLING
3000	3000	3000	3000
			
PAGE 31	PAGE 31	PAGE 31	PAGE 31
NPT X SOCKET WELD	SOCKET WELD TEE	SOCKET WELD CAP	SOCKET WELD UNION
3000	3000	3000	3000
			
PAGE 31	PAGE 32	PAGE 32	PAGE 32
SOCKET WELD CROSS	SOCKET WELD RED INSERTS	SOCKET WELD RED COUPLINGS	JABO SUPPLY
3000	3000	3000	304-736-8333
			
PAGE 32	PAGE 33	PAGE 33	

**IMPORT SOCKET WELD
TYPES**

SOCKET WELD 90 ELL	SOCKET WELD 45 ELL	SOCKET WELD FULL COUPLING	SOCKET WELD 1/2 COUPLING
			
NPT X SOCKET WELD COUPLING	SOCKET WELD TEE	SOCKET WELD CAP	SOCKET WELD REDUCING INSERT
			
SOCKET WELD UNION	SOCKET WELD CROSS	SOCKET WELD REDUCING COUPLING	SOCKET WELD O'LET
			SEE O'LETS

IMPORT

CARBON STEEL FORGED FITTINGS

SOCKET WELD



IMPORT SOCKET WELD

3000 ELBOW / COUPLINGS



*NON STOCK CALL JABO

90 ELBOW

IMPORT



JABO PART#	SIZE
*	1/8 "
*	1/4"
*	3/8"
009-50420	1/2"
009-50440	3/4"
009-50460	1"
009-50480	1-1/4"
009-50500	1-1/2"
009-50520	2"
009-50530	2-1/2"
009-50540	3"
*	4"

45 ELBOW

IMPORT



JABO PART#	SIZE
*	1/8 "
*	1/4"
*	3/8"
009-50660	1/2"
009-50680	3/4"
009-50700	1"
009-50720	1-1/4"
009-50740	1-1/2"
009-50760	2"
009-50770	2-1/2"
009-50780	3"
*	4"

FULL COUPLING

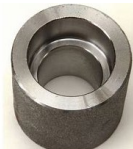
IMPORT



JABO PART#	SIZE
*	1/8 "
*	1/4"
*	3/8"
009-51500	1/2"
009-51520	3/4"
009-51540	1"
009-51560	1-1/4"
009-51580	1-1/2"
009-51600	2"
009-51610	2-1/2"
009-51620	3"
*	4"

HALF COUPLING

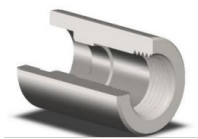
IMPORT



JABO PART#	SIZE
*	1/8 "
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
009-51640	2"
*	2-1/2"
009-51642	3"
009-51644	4"

NPT X SOCKET WELD

IMPORT



JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2 "
*	2 "
*	2-1/2 "
*	3 "
*	4"


IMPORT CARBON STEEL SOCKET WELD FORGED FITTINGS

3000 TEE / CAP / UNION / CROSS




*NON STOCK CALL JABO


TEE

IMPORT	
	
JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
009-50900	1/2"
009-50920	3/4"
009-50940	1"
009-50960	1-1/4"
009-50980	1-1/2 "
009-51000	2 "
009-51010	2-1/2 "
009-51020	3 "
*	4"


CAP

IMPORT	
	
JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
009-53180	1/2"
009-53200	3/4"
009-53220	1"
009-53240	1-1/4"
009-53260	1-1/2 "
009-53280	2 "
*	2-1/2 "
*	3 "
*	4"

UNION

IMPORT	
	
JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
009-59120	1/2"
009-59140	3/4"
009-59160	1"
009-59180	1-1/4"
009-59200	1-1/2 "
009-59220	2 "
*	2-1/2 "
*	3 "
*	4"

CROSS

IMPORT	
	
JABO PART#	SIZE
*	1/8"
*	1/4"
*	3/8"
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2 "
*	2 "
*	2-1/2 "
*	3 "
*	4"

IMPORT CARBON STEEL SOCKET WELD FORGED FITTINGS

3000 REDUCING INSERTS / COUPLINGS

REDUCING INSERT

IMPORT



JABO PART#	SIZE	JABO PART#	SIZE
*	1/4" X 1/8"	*	3" X 2"
*	3/8" X 1/4"	*	3" X 1-1/2"
*	3/8" X 1/8"	*	4" X 3"
*	1/2" X 3/8"	*	4" X 2"
*	1/2" X 1/4"		
*	1/2" X 1/8"		
009-53420	3/4" X 1/2"		
*	3/4" X 3/8"		
*	3/4" X 1/4"		
*	3/4" X 1/8"		
009-53500	1" X 3/4"		
009-53520	1" X 1/2"		
*	1" X 3/8"		
009-53600	1" X 1/4"		
009-53620	1-1/4" X 1"		
009-53640	1-1/4" X 3/4"		
009-53700	1-1/4" X 1/2"		
*	1-1/2" X 1-1/4"		
009-53720	1-1/2" X 1"		
009-53740	1-1/2" X 3/4"		
009-53760	1-1/2" X 1/2"		
*	1-1/2" X 3/8"		
*	1-1/2" X 1/4"		
009-53880	2" X 3"		
009-53820	2" X 1-1/2"		
009-53840	2" X 1-1/4"		
009-53860	2" X 1"		
*	2" X 3/4"		
009-53900	2" X 1/2"		
*	2" X 1/4"		
*	2-1/2" X 2"		
*	3" X 2-1/2"		



*NON STOCK CALL JABO

REDUCING COUPLING

IMPORT



JABO PART#	SIZE	JABO PART#	SIZE
*	1/4" X 1/8"	*	3" X 2-1/2"
*	3/8" X 1/4"	*	3" X 2"
*	3/8" X 1/8"	*	3" X 1 1/2"
009-52020	1/2" X 3/8"	*	4" X 3"
*	1/2" X 1/4"	*	4" X 2"
*	1/2" X 1/8"		
009-52040	3/4" X 1/2"		
*	3/4" X 3/8"		
*	3/4" X 1/4"		
*	3/4" X 1/8"		
009-52120	1" X 3/4"		
009-52140	1" X 1/2"		
*	1" X 3/8"		
*	1" X 1/4"		
009-52220	1-1/4" X 1"		
009-52230	1-1/4" X 3/4"		
*	1-1/4" X 1/2"		
009-52320	1-1/2" X 1-1/4"		
009-52340	1-1/2" X 1"		
009-52360	1-1/2" X 3/4"		
009-52370	1-1/2" X 1/2"		
*	1-1/2" X 3/8"		
*	1-1/2" X 1/4"		
009-52490	2" X 3"		
009-52440	2" X 1-1/2"		
009-52460	2" X 1-1/4"		
009-52480	2" X 1"		
*	2" X 3/4"		
009-52500	2" X 1/2"		
*	2" X 1/4"		
*	2-1/2" X 2"		

*NON STOCK CALL JABO

DOMESTIC

CARBON STEEL FORGED FITTINGS

SOCKET WELD



ALL DOMESTIC SOCKET WELD FITTINGS ARE NON STOCK

CALL YOUR JABO CSR AND ASK FOR THE FOLLOWING

1. **DOMESTIC SOCKET WELD**
2. Size
3. Type
4. PSI Rating 3m or 6m

CARBON STEEL FORGED FITTINGS



JABO SUPPLY SINCE 1964 SERVICE IS MORE THAN A PROMISE
(304)-736-8333



JABO SUPPLY CORPORATION

DOMESTIC

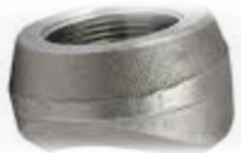
CARBON STEEL









O'LETS

INDEX

	PAGE #
Picture Index O'lets (Domestic Sourced)	111
Weldolets (STD)	112
Weldolets (XH)	112
Socketolets	113
Elbolets	113
Threadolets	113
Outlets and Pipe Size Available	114
Specifications	115-116



PIC INDEX DOMESTIC CARBON STEEL O'LETS FORGED FITTINGS

WELD O'LET	WELD O'LET	SOCKOLET	ELBOLET
STANDARD	XH	3000	3000
			
PAGE 112	PAGE 112	PAGE 113	PAGE 113
THREAD OLET	SIZE CHART	SPECIFICATIONS	
3000	3000	3000	
	<i>SIZE CHART</i>	<i>SPECIFICATIONS</i>	
PAGE 113	PAGE 114	PAGE 115-116	CALL JABO SUPPLY

DOMESTIC FORGED O'LETS

WELDOLET (STD/XH)

WELDOLET STD CARBON STEEL



JABO #	PIPE SIZE	OUTLET SIZE
008-00400	36-1 - 1/4	X 1/2"
008-00440	36-2 - 1/2"	X 3/4"
008-00700	36 - 3"	X 1"
008-00760	6 - 2-1/2"	X 1-1/4"
008-00980	3-1/2 - 2"	X 1-1/2"
008-01140	3 - 2-1/2"	X 2"
008-01220	6 - 3-1/2"	X 2"
008-01240	36 - 8"	X 2"
008-01320	5 - 4"	X 2-1/2"
008-01360	8 - 6"	X 2-1/2"
008-01540	4 - 3-1/2"	X 3"
008-01580	6 - 5"	X 3"
008-01920	6 - 5"	X 4"
008-02310	10 - 8"	X 4"
008-02320	8	X 6"
008-02390	14 - 12"	X 6"

WELDOLET XH CARBON STEEL



JABO #	PIPE SIZE	OUTLET
008-03100	36-1	X 1/2"
008-03180	36-2	X 3/4"
008-03340	36-3 1/2	X 1"

HOW TO READ

EXAMPLE

36-1-1/4 X 1/2

1st number 36-Max Pipe OD

2nd number 1-1/4- Smallest Pipe OD

3rd number X 1/2- Outlet Size

DOMESTIC FORGED O'LETS

SOCKOLET / ELBOOLET / THREDOLET

SOCKOLET #3000 FORGED STEEL

JABO #	PIPE SIZE	OUTLET SIZE
008-06600	36 - 3/4"	X 1/2"
008-06620	36 - 1-1/2"	X 3/4"
008-06740	36 - 3"	X 1"
008-07000	2-1/2 - 2"	X 1-1/2"
008-07040	5 - 3"	X 1-1/2"
008-08000	6 - 4"	X 2"

ELBOLET #3000 FORGED STEEL

JABO #	PIPE SIZE	OUTLET SIZE
008-05060	36-1	X 3/4"
Other Sizes avail upon request		

THREDOLET #3000 FORGED STEEL

JABO #	PIPE SIZE	OUTLET SIZE
008-10660	36 - 1/2"	X 1/4"
008-10810	36 - 1-1/4"	X 3/8"
008-10900	36 - 3/4"	X 1/2"
008-11060	36 - 1-1/2"	X 3/4"
008-11180	2-1/2 - 1-1/4"	X 1"
008-11240	36 - 3"	X 1"
008-11400	3-1/2 - 2"	X 1-1/4"
008-11420	36 - 4"	X 1-1/4"
008-11500	2-1/2 - 2"	X 1-1/2"
008-11540	5 - 3"	X 1-1/2"
008-11580	36 - 6"	X 1-1/2"
008-11700	3-1/2 - 2-1/2"	X 2"
008-11740	6 - 4"	X 2"
008-11800	36 - 8"	X 2"
008-12000	5 - 4"	X 2-1/2"
008-12080	4 - 3-1/2"	X 3"
008-12100	6 - 5"	X 3"

HOW TO READ**EXAMPLE**

36-3/4 X 1/2

1st number 36-Max pipe OD

2nd number 3/4"- Smallest pipe OD

3rd number X 1/2- Outlet size

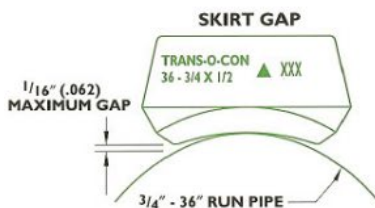
FOR ADDITIONAL SIZES SEE THE
FOLLOWING PAGE

OUTLET AND PIPE SIZES AVAILABLE

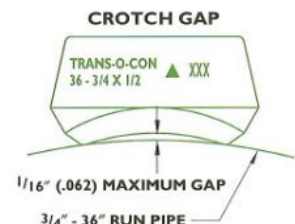
PIPE RUN SIZES	BUTT-WELD (STD)											
	OUTLET SIZE - INCHES											
	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
	36 - 3/8"	36 - 3/4"	36 - 1 1/4"	36 - 2 1/2"	36 - 2"	36 - 8"	36 - 4"	36 - 8"	36 - 12"	36 - 16"	36 - 22"	42 - 36"
	1/4"	1/2 - 3/8"	1 - 1/2"	2 - 3/4"	3 1/2" - 1 1/4"	6 - 2 1/2"	3 1/2" - 2"	6 - 3 1/2"	10 - 5"	14 - 8"	20 - 12"	34 - 26"
					1"	2 - 1 1/2"	1 1/2"	3 - 2 1/2"	4 - 3"	6 - 5"	10 - 8"	24 - 20"
						1 1/4"		2"	2 1/2"	4 - 3 1/2"	6 - 5"	18 - 16"
										3"	4"	14 - 12"
												10"
												8"
												6"
PIPE RUN SIZES	BUTT-WELD (EXTRA STRONG)											
	OUTLET SIZE - INCHES											
	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
	36 - 1/4"	36 - 1 1/2"	36 - 1"	36 - 2"	36 - 2"	36 - 6"	36 - 4"	36 - 8"	36 - 12"	36 - 16"	36 - 22"	42 - 36"
		3/8"	3/4" - 1/2"	1 1/2" - 3/4"	3" - 1 1/4"	5 - 2 1/2"	3 1/2" - 2"	6 - 3 1/2"	10 - 5"	14 - 8"	20 - 12"	34 - 26"
					1"	2 - 1 1/4"	1 1/2"	3 - 2 1/2"	4 - 3"	6 - 5"	10 - 8"	24 - 20"
								2"	2 1/2"	4 - 3 1/2"	6 - 5"	18 - 16"
										3"	4"	14 - 12"
												10"
												8"
												6"
PIPE RUN SIZES	SOCKET-WELD (3000#)											
	OUTLET SIZE - INCHES											
	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
	36 - 3/8"	36 - 3/4"	36 - 3/4"	36 - 1 1/2"	36 - 3"	36 - 4"	36 - 6"	36 - 8"	36 - 10"	36 - 16"	36 - 22"	
	1/4"	1/2 - 3/8"	1/2"	1 1/4 - 3/4"	2 1/2" - 1 1/4"	3 1/2" - 2"	5 - 3"	6 - 4"	8 - 6"	14 - 8"	20 - 12"	
					1"	1 1/2" - 1 1/4"	2 1/2" - 2"	3 1/2" - 2 1/2"	5 - 4"	6 - 5"	10 - 8"	
							1 1/2"	2"	3 1/2" - 3"	4 - 3 1/2"	6 - 5"	
									2 1/2"	3"	4"	
PIPE RUN SIZES	SOCKET-WELD (6000#)											
	OUTLET SIZE - INCHES											
	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
	36 - 1/4"	36 - 3/8"	36 - 3/4"	36 - 1 1/4"	36 - 3"	36 - 5"	36 - 6"	36 - 8"	36 - 20"	36 - 28"	36 - 16"	
			1/2"	1 - 3/4"	2 1/2" - 1 1/4"	4 - 1 1/2"	5 - 3"	6 - 4"	18 - 6"	26 - 12"	14 - 10"	
					1"	1 1/4"	2 1/2" - 2"	3 1/2" - 2 1/2"	5 - 3 1/2"	10 - 6"	8 - 6"	
							1 1/2"	2"	3 - 2 1/2"	5 - 4"	5"	
										3 1/2" - 3"	4"	
PIPE RUN SIZES	THREADED (3000#)											
	OUTLET SIZE - INCHES											
	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
	36 - 1/2"	36 - 1 1/4"	36 - 3/4"	36 - 1 1/2"	36 - 3"	36 - 4"	36 - 6"	36 - 8"	36 - 10"	36 - 16"	36 - 22"	
	3/8 - 1/4"	1 - 3/8"	1/2"	1 1/4 - 3/4"	2 1/2" - 1 1/4"	3 1/2" - 2"	5 - 3"	6 - 4"	8 - 6"	14 - 8"	20 - 12"	
					1"	1 1/2" - 1 1/4"	2 1/2" - 2"	3 1/2" - 2 1/2"	5 - 4"	6 - 5"	10 - 8"	
							1 1/2"	2"	3 1/2" - 3"	4 - 3 1/2"	6 - 5"	
									2 1/2"	3"	4"	
PIPE RUN SIZES	THREADED (6000#)											
	OUTLET SIZE - INCHES											
	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
	36 - 1/2"	36 - 1 1/4"	36 - 3/4"	36 - 1 1/2"	36 - 3"	36 - 10"	36 - 6"	36 - 8"	36 - 28"	36 - 14"	36 - 20"	
	3/8 - 1/4"	1 - 3/8"	1/2"	2 1/2" - 1"	2 1/2" - 1 1/4"	8 - 4"	5 - 3"	6 - 4"	26 - 12"	12 - 8"	18 - 12"	
				3/4"	1 1/4 - 1"	3 1/2" - 2"	2 1/2" - 2"	3 1/2" - 2 1/2"	10 - 6"	6 - 5"	10 - 8"	
						1 1/2" - 1 1/4"	1 1/2"	2"	5 - 4"	4"	6"	
									3 1/2" - 3"	3 1/2"	5"	
									2 1/2"	3"	4"	

FLAT SIZE available 1/8" through 6" pipe outlet. Traditional line of run pipe size available on inquiry.

Size on Size are conventional funneled inlet design



HOW CONDENSED SIZE WORKS:
Each forged outlet size listed on the chart is designed to fit a range of pipe run sizes.
For example: The 1/2" fitting marked 36-3/4" will fit each pipe run size from 3/4" to 36". There will be a maximum 1/16" gap as illustrated in diagrams. This gap is negligible when welding and has no adverse effect on the integrity of the connection.
MINIMIZE WARHOUSE INVENTORY



O'LETS

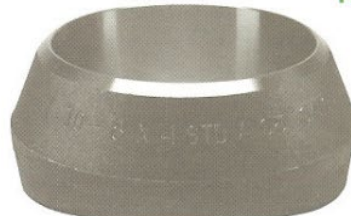
SPECIFICATIONS



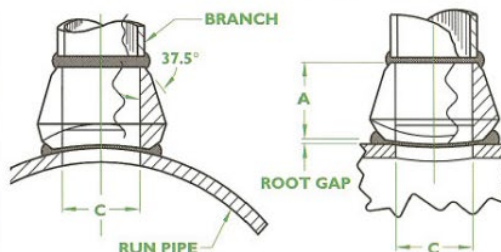
TRANS-O-CON® Butt-Weld Reducing Sizes

MSS SP-97

OUTLET SIZE (INCHES)	DIMENSIONS				APPROX. WEIGHT POUNDS	
	STANDARD		EXTRA STRONG		STANDARD	EXTRA STRONG
	A	C	A	C		
1/4"	.652	.364	.625	.302	.08	.10
3/8"	.750	.493	.750	.423	.09	.15
1/2"	.750	.622	.750	.546	.35	.40
3/4"	.875	.824	.875	.742	.40	.45
1"	1.063	1.049	1.063	.957	.50	.60
1 1/4"	1.250	1.380	1.250	1.278	.70	.80
1 1/2"	1.313	1.610	1.313	1.500	.75	.85
2"	1.500	2.067	1.500	1.939	1.29	1.35
2 1/2"	1.625	2.469	1.625	2.323	1.75	1.82
3"	1.750	3.068	1.750	2.900	2.63	2.75
4"	3.000	4.026	2.000	3.826	4.30	4.45
5"	2.125	5.047	2.125	4.813	9.59	6.39
6"	2.375	6.065	2.375	5.761	12.00	17.60
8"	2.750	7.981	3.875	7.625	23.00	34.80
10"	3.06	10.02	3.69	9.750	27.22	36.19
12"	3.38	12.00	4.06	11.750	34.00	67.00
14"	3.50	13.25	3.94	13.000	56.00	72.25
16"	3.69	15.25	4.18	15.000	76.00	102.10
18"	3.81	17.25	4.38	17.000	97.00	129.75
20"	4.00	19.25	4.69	19.000	120.00	166.00
24"	4.56	23.25	5.50	23.000	194.61	267.00



STRAIGHT
THRU
BORE



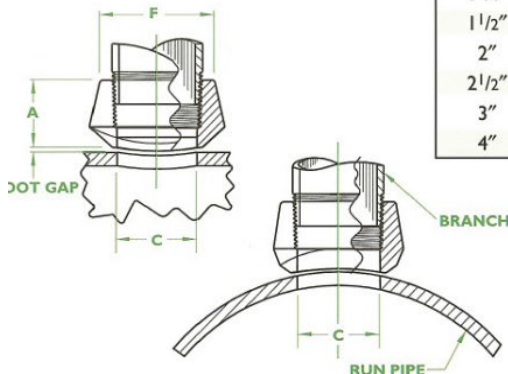
TRANS-O-CON® Threaded Reducing Sizes

MSS SP-97



OUTLET SIZE (INCHES)	DIMENSIONS						APPROX. WEIGHT POUNDS	
	3000 #			6000 #			3000 #	6000 #
	A	C	F	A	C	F		
1/8"	.750	.328	.875				.10	
1/4"	.750	.437	.875				.10	
3/8"	.813	.562	1.000				.16	
1/2"	1.000	.703	1.250	1.250	.703	1.563	.25	.40
3/4"	1.063	.906	1.438	1.438	.906	1.813	.38	.70
1"	1.313	1.141	1.813	1.563	1.141	2.250	.70	1.20
1 1/4"	1.359	1.469	2.188		1.469		.90	1.50
1 1/2"	1.375	1.719	2.436	1.688	1.719	3.000	1.40	1.90
2"	1.531	2.188	2.938	2.063	2.188	3.625	1.80	5.00
2 1/2"	1.813	2.528	3.438				3.00	
3"	2.000	3.203	4.125				4.35	
4"	2.250	4.203	5.125				7.10	

NOTE: NPT Threads
to B1.20.1.



NEW FORGING
TECHNOLOGY

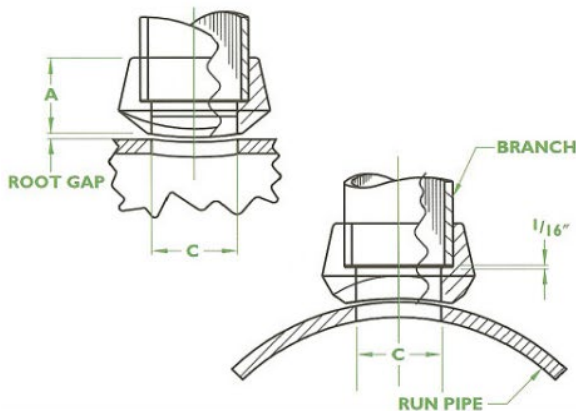
O'LETS

SPECIFICATIONS



TRANS-O-CON® Socket Reducing Sizes

MSS SP-97



OUTLET SIZE (INCHES)	DIMENSIONS				APPROX. WEIGHT POUNDS	
	3000 #		6000 #		3000 #	6000 #
	A	C	A	C		
1/8"	.750	.364			.10	
1/4"	.750	.364			.10	
3/8"	.813	.493			.16	
1/2"	1.000	.622	1.250	.464	.25	.45
3/4"	1.063	.824	1.438	.612	.38	.70
1"	1.313	1.049	1.563	.8153	.70	1.10
1 1/4"	1.359	1.380	1.625	1.160	.90	1.50
1 1/2"	1.375	1.610	1.668	1.338	1.40	1.80
2"	1.531	2.067	2.063	1.687	1.80	4.70
2 1/2"	1.563	2.469			2.75	
3"	1.750	3.068			3.80	
4"	1.875	4.026			7.25	

NOTE: Socket minimum depth per ANSI B16.11.

TRANS-O-CON® Elbow & Lateral Connections

3000# for 90° long radius pipe elbows

Butt Weld / Socket / Threaded

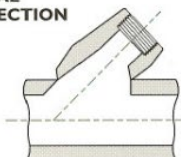
ELBOW SIZES (INCHES)	OUTLET SIZE (INCHES)	DIMENSIONS		APPROX. WEIGHT POUNDS
		C	E	
36 - 3/4"	1/2" *	1.500	1.594	.50
36 - 1"	3/4" *	1.813	1.875	.70
36 - 2"	1" *	2.250	2.188	1.15
36 - 2"	1 1/2"	3.125	2.625	2.65
36 - 3"	2"	4.188	3.185	5.25

45° LATERAL

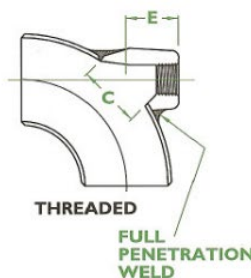
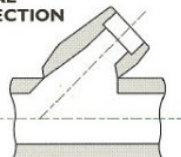
OUTLET SIZE (INCHES)	1/2" *	3/4" *	1" *	1 1/4"	1 1/2"	2"
SIZE RANGE (INCHES)	12 - 3 2 1/2 - 1 1/4	12 - 6 5 - 3 2 1/2 - 2	12 - 6 5 - 3 2 1/2 - 2	12 - 6 5 - 3 2 1/2 - 2	12 - 10 8 - 6 5 - 4	12 - 10 8 - 6 5 - 4

* Available in 6000#

THREADED
LATERAL
CONNECTION



SOCKET
LATERAL
CONNECTION



NOTE: Butt-Welding end dimensions to ANSI B16.9 and ANSI B 16.25.

CARBON STEEL O'LETS



JABO SUPPLY SINCE 1964 SERVICE IS MORE THAN A PROMISE
(304)-736-8333

AVAILABLE IN BOTH

IMPORT

DOMESTIC


CARBON STEEL
WELD FITTINGS
AKA BUTT WELD




INDEX

	PAGE #
Picture Index Import Weld Fittings	121-124
Picture Index Domestic Weld Fittings	125-127
Types of Carbon Steel Weld Fittings	128
Commonly Asked Questions about Weld Fittings	129
How to Order Weld Fittings	130

TYPES	IMPORT WELD FITTINGS SCHEDULE				
	40	80 XH	Tru 80	120	160
	PAGE #	PAGE #	PAGE #	PAGE #	PAGE #
Long Radius 90 Elbow	132	137	142	146	NON STOCK SEE PAGE 150
Short Radius 90 Elbow	132	137	142	146	
Long Radius 45 Elbow	132	137	142	146	
Long Radius Reducing Elbow	132				
180 Bend	133	138	142	147	
Stub End	133	138	142	147	
Tee	134	139	143	148	
Reducing Tee	134	139	143	148	
Cap	134	139	143	148	
Concentric Reducer	135	140	144	149	
Eccentric Reducer	135	140	144	149	



TYPES	DOMESTIC WELD FITTINGS SCHEDULE				
	40	80 XH	Tru 80	120	160
	PAGE #	PAGE #	PAGE #	PAGE #	PAGE #
Long Radius 90 Elbow	152	157	NOT AVAILABLE DOMESTIC	NOT AVAILABLE DOMESTIC	NON STOCK SEE PAGE 44
Short Radius 90 Elbow	152	157			
Long Radius 45 Elbow	152	157			
Long Radius Reducing Elbow	152				
180 Bend	153	158			
Stub End	153	158			
Tee	154	159			
Reducing Tee	154	159			
Cap	154	159			
Concentric Reducer	155	160			
Eccentric Reducer	155	160			



PICTURE INDEX IMPORT CARBON STEEL WELD FITTINGS

IMPORT SCH 40

LONG RADIUS 90	SHORT RADIUS 90	LONG RADIUS 45	LONG RADIUS RED 90
SCH 40	SCH 40	SCH 40	SCH 40
			NO PIC AVAIL
PAGE 132	PAGE 132	PAGE 132	PAGE 132
180 BEND	STUB END	TEE	RED TEE
SCH 40	SCH 40	SCH 40	SCH 40
			
PAGE 133	PAGE 133	PAGE 134	PAGE 134
CAP	CONCENTRIC RED	ECCENTRIC RED	JABO SUPPLY
SCH 40	SCH 40	SCH 40	(304) 736-8333
			
PAGE 134	PAGE 135	PAGE 135	CALL JABO SUPPLY
JABO SUPPLY			
CALL YOUR CSR FOR ALL YOUR WELD FITTING NEEDS			
			
CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY

PICTURE INDEX IMPORT CARBON STEEL WELD FITTINGS

IMPORT SCH 80XH

LONG RADIUS 90 SCH 80XH	SHORT RADUS 90 SCH 80XH	LONG RADIUS 45 SCH 80XH	LONG RADIUS RED 90 SCH 80XH
			NO PIC AVAIL
PAGE 137	PAGE 137	PAGE137	NON STOCK
180 BEND SCH 80XH	STUB END SCH 80XH	TEE SCH 80XH	RED TEE SCH 80XH
			
PAGE 138	PAGE 138	PAGE 139	PAGE 139
CAP SCH 80XH	CONCENTRIC RED SCH 80XH	ECCENTRIC RED SCH 80XH	JABO SUPPLY (304) 736-8333
			
PAGE 139	PAGE 140	PAGE 140	CALL JABO SUPPLY
JABO SUPPLY			
CALL YOUR CSR FOR ALL YOUR WELD FITTING NEEDS			
			
CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY

PICTURE INDEX IMPORT CARBON STEEL WELD FITTINGS

IMPORT SCH TRU 80 (80)

LONG RADIUS 90 SCH TRU 80 (80)	SHORT RADUS 90 SCH TRU 80 (80)	LONG RADIUS 45 SCH TRU 80 (80)	LONG RADIUS RED 90 SCH TRU 80 (80)
			NO PIC AVAIL
PAGE 142	PAGE 142	PAGE 142	NON STOCK
180 BEND SCH TRU 80 (80)	STUB END SCH TRU 80 (80)	TEE SCH TRU 80 (80)	RED TEE SCH TRU 80 (80)
			
NOT AVAILABLE	NOT AVAILABLE	PAGE 143	PAGE 143
CAP SCH TRU 80 (80)	CONCENTRIC RED SCH TRU 80 (80)	ECCENTRIC RED SCH TRU 80 (80)	JABO SUPPLY (304) 736-8333
			
PAGE 143	PAGE 144	PAGE 144	CALL JABO SUPPLY
JABO SUPPLY			
CALL YOUR CSR FOR ALL YOUR WELD FITTING NEEDS			
			
CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY

PICTURE INDEX IMPORT CARBON STEEL WELD FITTINGS

IMPORT SCH 120

LONG RADIUS 90	SHORT RADUS 90	LONG RADIUS 45	LONG RADIUS RED 90
SCH 120	SCH 120	SCH 120	SCH 120
			NO PIC AVAIL
PAGE 146	NON STOCK	NON STOCK	NON STOCK
180 BEND	STUB END	TEE	RED TEE
SCH 120	SCH 120	SCH 120	SCH 120
			
NOT AVAILABLE	NOT AVAILABLE	NON STOCK	NON STOCK
CAP	CONCENTRIC RED	ECCENTRIC RED	JABO SUPPLY
SCH 120	SCH 120	SCH 120	(304) 736-8333
			
NON STOCK	PAGE 149	NON STOCK	CALL JABO SUPPLY
JABO SUPPLY			
CALL YOUR CSR FOR ALL YOUR WELD FITTING NEEDS			
			
CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY

PICTURE INDEX DOMESTIC CARBON STEEL WELD FITTINGS

DOMESTIC SCH 40

LONG RADIUS 90	SHORT RADIUS 90	LONG RADIUS 45	LONG RADIUS RED 90
SCH 40	SCH 40	SCH 40	SCH 40
			NO PIC AVAIL
PAGE 152	PAGE 152	PAGE 152	PAGE 35
180 BEND	STUB END	TEE	RED TEE
SCH 40	SCH 40	SCH 40	SCH 40
			
PAGE 153	PAGE 153	PAGE 154	PAGE 154
CAP	CONCENTRIC RED	ECCENTRIC RED	JABO SUPPLY
SCH 40	SCH 40	SCH 40	(304) 736-8333
			
PAGE 154	PAGE 155	PAGE 155	CALL JABO SUPPLY
JABO SUPPLY			
CALL YOUR CSR FOR ALL YOUR WELD FITTING NEEDS			
			
CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY

PICTURE INDEX DOMESTIC CARBON STEEL WELD FITTINGS

IMPORT SCH 80XH

LONG RADIUS 90	SHORT RADUS 90	LONG RADIUS 45	LONG RADIUS RED 90
SCH 80XH	SCH 80XH	SCH 80XH	SCH 80XH
			NO PIC AVAIL
PAGE 157	PAGE 157	PAGE 157	NON STOCK
180 BEND	STUB END	TEE	RED TEE
SCH 80XH	SCH 80XH	SCH 80XH	SCH 80XH
			
NON STOCK PAGE 158	NON STOCK PAGE 158	PAGE 159	PAGE 159
CAP	CONCENTRIC RED	ECCENTRIC RED	JABO SUPPLY
SCH 80XH	SCH 80XH	SCH 80XH	(304) 736-8333
			
PAGE 159	PAGE 160	PAGE 160	CALL JABO SUPPLY
JABO SUPPLY			
CALL YOUR CSR FOR ALL YOUR WELD FITTING NEEDS			
			
CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY

TRU 80/SCH 120 NOT AVAILABLE IN DOMESTIC

PICTURE INDEX DOMESTIC CARBON STEEL WELD FITTINGS

DOMESTIC SCH 160

LONG RADIUS 90	SHORT RADUS 90	LONG RADIUS 45	LONG RADIUS RED 90
SCH 160	SCH 160	SCH 160	SCH 160
			NO PIC AVAIL
NON STOCK	NON STOCK	NON STOCK	NON STOCK
180 BEND	STUB END	TEE	RED TEE
SCH 160	SCH 160	SCH 160	SCH 160
			
NON STOCK	NON STOCK	NON STOCK	NON STOCK
CAP	CONCENTRIC RED	ECCENTRIC RED	JABO SUPPLY
SCH 160	SCH 160	SCH 160	SCH 160
			
NON STOCK	NON STOCK	NON STOCK	CALL JABO SUPPLY
JABO SUPPLY			
CALL YOUR CSR FOR ALL YOUR WELD FITTING NEEDS			
			
CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY	CALL JABO SUPPLY

TRU 80/SCH 120 NOT AVAILABLE IN DOMESTIC

TYPES OF BUTT WELD FITTINGS

LONG RADIUS 90	SHORT RADIUS 90	LONG RADIUS 45
		
180 LONG RADIUS	TEE	REDUCING TEE
		
CAP	CONCENTRIC REDUCER	ECCENTRIC REDUCER
		
STUB END	AVAILABLE IN IMPORT	AVAILABLE IN DOMESTIC
		

MOST COMMONLY ASKED QUESTIONS

TYPES OF MATERIAL?

1. Carbon Steel A234 WPB
2. Stainless Steel (304/316)

ASTM

MOST COMMON FITTING?

Long Radius 90	Tee
Short Radius 90	Reducing Tee
Long Radius 45	Caps
Long Radius 180	Concentric Reducers
Stub Ends	Eccentric Reducers

**Long radius 90 is more commonly used than the short radius*

**MTR AVAILABLE
UPON REQUEST**

**PLEASE LET YOUR CSR KNOW
WHEN ORDERING IF AN MTR IS
REQUIRED.**

SCHEDULE OF FITTINGS?

For butt weld fittings, you have to specify the schedule, that's **how this pressure rating is determined**. You have to specify a schedule 40, 80, and so on and so forth. The most common material for butt weld fitting in carbon steel is A234-WPB, they're available in high-yield, stainless, and nickel alloys

AVAILABLE IN THE SAME SCHEDULE AS PIPE

MOST COMMON

Schedule 40
Schedule 80 XH
Schedule Tru 80
Schedule 120
Schedule 160
Schedule XX

SIZES AVAIL

1/2"-48" From Manufacture

AVAILABLE IN BOTH

IMPORT



DOMESTIC



HOW TO ORDER WELD FITTINGS



- | #1 | #2 | #3 | #4 | #5 | #6 |
|-------------------------|---------------|-----------------------|----|----------|----------|
| WHERE MFR | TYPE OF STEEL | TYPE | | SIZE | SCHEDULE |
| 1. IMPORT | CARBON | Long Radius 90 Elbow | | 1/8"-48" | 40 STD |
| 2. DOMESTIC | *STAINLESS | Short Radius 90 Elbow | | | TRU 40 |
| 304/316 stainless steel | | Long Radius 45 Elbow | | | 80XH |
| | | Long Radius Reducing | | | TRU 80 |
| | | 180 Bend | | | 120 |
| | | Stub End | | | 160 |
| | | Tee | | | XX |
| | | Reducing Tee | | | |
| | | Cap | | | |
| | | Concentric Reducer | | | |
| | | Eccentric Reducer | | | |

*Will need to specify 304/316 stainless steel

CHOOSE ONE FROM EACH COLUMN

IMPORT CARBON STEEL

WELD FITTINGS -BUTT WELD

SCHEDULE 40



IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 40 STD ELBOWS

LONG RADIUS 90

IMPORT SCH 40



JABO PART#	SIZE
106-02100	1/2"
106-02110	3/4"
106-02120	1"
106-02130	1-1/4"
106-02140	1-1/2"
106-02150	2"
106-02160	2-1/2"
106-02170	3"
*	3-1/2"
106-02190	4"
106-02200	5"
106-02210	6"
106-02220	8"
106-02230	10"
106-02240	12"
106-02250	14"
106-02260	16"
106-02270	18"
106-02280	20"
106-02290	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

SHORT RADIUS 90

IMPORT SCH 40



JABO PART#	SIZE
*	1/2"
*	3/4"
106-03150	1"
106-03170	1-1/4"
106-03190	1-1/2"
106-03200	2"
106-03210	2-1/2"
106-03220	3"
*	3-1/2"
106-03240	4"
*	5"
106-03260	6"
106-03270	8"
106-03280	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

LONG RADIUS 45

IMPORT SCH 40



JABO PART#	SIZE
106-03710	1/2"
106-03720	3/4"
106-03730	1"
106-03740	1-1/4"
106-03750	1-1/2"
106-03760	2"
106-03770	2-1/2"
106-03780	3"
*	3-1/2"
106-03800	4"
106-03810	5"
106-03820	6"
106-03830	8"
106-03840	10"
106-03850	12"
106-03860	14"
106-03870	16"
106-03880	18"
106-03890	20"
106-03910	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

90 LONG RADIUS

REDUCING ELL

IMPORT SCH 40

JABO PART#	SIZE
106-02520	4" X 3"
106-02600	6" X 4"
AVAILABLE IN 1/2"-48"	

IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 40 180 BENDS / STUB ENDS

180 RETURN BEND

IMPORT SCH 40



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

STUB ENDS

IMPORT SCH 40




JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	




IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 40 TEE / REDUCING TEE / CAP


TEE

IMPORT SCH 40	
	
JABO PART#	SIZE
106-04870	1/2"
106-04880	3/4"
106-04890	1"
106-04900	1-1/4"
106-04910	1-1/2"
106-04920	2"
106-04930	2-1/2"
106-04940	3"
*	3-1/2"
106-04960	4"
106-04970	5"
106-04980	6"
106-04990	8"
106-05000	10"
106-05010	12"
106-05014	14"
106-05016	16"
*	18"
*	20"
106-05024	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

REDUCING TEE

IMPORT SCH 40	
	
JABO PART#	SIZE
106-05310	2" X 1-1/2"
106-05320	2-1/2" X 1-1/2"
106-05330	2-1/2" X 2"
106-05340	3" X 1-1/2"
106-05360	3" X 2"
106-05370	3" X 2-1/2"
106-05430	4" X 1"
106-05450	4" X 1-1/2"
106-05460	4" X 2"
106-05480	4" X 3"
106-05520	6" X 2"
106-05540	6" X 3"
106-05590	6" X 4"
106-05650	8" X 6"
*	12" X 8"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE UPON REQUEST FROM 3/4" X 1/2" UP TO 48" X 24"	
MTR AVAIL ASK WHEN ORDERING	
1ST NUMBER- RUN	
2ND NUMBER -BRANCH	

CAPS

IMPORT SCH 40	
	
JABO PART#	SIZE
106-10240	1/2"
106-10250	3/4"
106-10260	1"
106-10270	1-1/4"
106-10280	1-1/2"
106-10290	2"
106-10300	2-1/2"
106-10310	3"
*	3-1/2"
106-10330	4"
106-10340	5"
106-10350	6"
106-10360	8"
106-10370	10"
106-10380	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	



IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 40 CONCENTRIC / ECCENTRIC REDUCERS

CONCENTRIC REDUCERS

IMPORT SCH 40



JABO PART#	SIZE	JABO PART#	SIZE
106-06980	1" X 3/4"	106-07480	10" X 5"
106-07000	1-1/4" X 3/4"	106-07490	10" X 6"
106-07040	1-1/2" X 1"	106-07500	10" X 8"
106-07060	2" X 3/4"	106-07530	12" X 6"
106-07070	2" X 1"	106-07540	12" X 8"
106-07080	2" X 1-1/4"	106-07550	12" X 10"
106-07090	2" X 1-1/2"	106-07570	14" X 8"
106-07120	2-1/2" X 1-1/2"	106-07580	14" X 10"
106-07130	2-1/2" X 2"	106-07590	14" X 12"
106-07160	3" X 1-1/2"	106-07570	14" X 8"
106-07170	3" X 2"	106-07620	16" X 10"
106-07180	3" X 2-1/2"	106-07630	16" X 12"
106-07250	4" X 1"	106-07640	16" X 14"
106-07260	4" X 1-1/2"		
106-07270	4" X 2"		
106-07280	4" X 2-1/2"		
106-07290	4" X 3"		
106-07330	5" X 3"		
106-07350	5" X 4"		
106-07370	6" X 2"		
106-07380	6" X 3"		
106-07390	6" X 2-1/2"		
106-07400	6" X 4"		
106-07410	6" X 5"		
106-07430	8" X 3"		
106-07440	8" X 4"		
106-07450	8" X 5"		
106-07460	8" X 6"		
*NON STOCK CALL JABO SUPPLY			
AVAILABLE IN 1/2"-48"			
MTR AVAILABLE			



ECCENTRIC REDUCERS

IMPORT SCH 40



JABO PART#	SIZE
106-08710	1-1/2" X 1"
106-08730	2" X 1"
106-08740	2" X 1-1/2"
106-08790	2-1/2" X 2"
106-08820	3" X 1-1/2"
106-08830	3" X 2"
106-08840	3" X 2-1/2"
106-08930	4" X 2"
106-08940	4" X 2-1/2"
106-08950	4" X 3"
106-09020	6" X 2"
106-09030	6" X 3"
106-09060	6" X 4"
106-09100	8" X 3"
106-09110	8" X 4"
106-09120	8" X 6"
106-09160	10" X 8"
106-09210	12" X 8"
106-09220	12" X 10"
106-09260	14" X 10"
*	20" X 12"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE UPON REQUEST FROM 3/4" X 1/2" UP TO 48" X 24"	
MTR AVAILABLE	

IMPORT CARBON STEEL

WELD FITTINGS -BUTT WELD


SCHEDULE 80XH




IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 80 XH ELBOWS


LONG RADIUS 90

IMPORT SCH 80 XH	
	
JABO PART#	SIZE
106-12230	1/2"
106-12240	3/4"
106-12250	1"
106-12260	1-1/4"
106-12270	1-1/2"
106-12280	2"
106-12290	2-1/2"
106-12300	3"
*	3-1/2"
106-12320	4"
106-12330	5"
106-12340	6"
106-12350	8"
106-12360	10"
106-12370	12"
106-12380	14"
106-12390	16"
106-12400	18"
106-12420	20"
106-12424	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

SHORT RADIUS 90

IMPORT SCH 80 XH	
	
JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
106-12740	3"
*	3-1/2"
106-12760	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

LONG RADIUS 45


IMPORT SCH 80 XH	
	
JABO PART#	SIZE
106-13680	1/2"
106-13690	3/4"
106-13700	1"
106-13710	1-1/4"
106-13720	1-1/2"
106-13730	2"
106-13740	2-1/2"
106-13750	3"
*	3-1/2"
106-13770	4"
106-13780	5"
106-13790	6"
106-13800	8"
106-13810	10"
106-13820	12"
106-13830	14"
106-13840	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	




IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 80 XH 180 BEND / STUB END

180 RETURN BEND

IMPORT SCH 80 XH	
	
JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

STUB ENDS


IMPORT SCH 80 XH	
	
JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	




IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 80 XH TEE / REDUCING TEE / CAP


TEE

IMPORT SCH 80XH	
	
JABO PART#	SIZE
106-14690	1/2"
106-14700	3/4"
106-14710	1"
106-14720	1-1/4"
106-14730	1-1/2"
106-14740	2"
106-14750	2-1/2"
106-14760	3"
*	3-1/2"
106-14780	4"
106-14790	5"
106-14800	6"
106-14810	8"
106-14820	10"
106-14830	12"
*	14"
106-14860	16"
*	18"
*	20"
106-14900	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

REDUCING TEE

IMPORT SCH 80XH	
	
JABO PART#	SIZE
*	2" X 1-1/2"
*	2-1/2" X 1-1/2"
*	2-1/2" X 2"
*	3" X 1-1/4"
*	3" X 2"
*	3" X 2-1/2"
*	4" X 1"
*	4" X 1-1/2"
*	4" X 2"
*	4" X 3"
*	6" X 2"
*	6" X 3"
*	6" X 4"
*	8" X 6"
*	12" X 8"
AVAILABLE UPON REQUEST FROM 3/4" X 1/2" UP TO 48" X 24"	
MTR AVAIL ASK WHEN ORDERING	
1ST NUMBER- RUN	
2ND NUMBER -BRANCH	

CAP


IMPORT SCH 80 XH	
	
JABO PART#	SIZE
*	1/2"
*	3/4"
106-19020	1"
*	1-1/4"
*	1-1/2"
106-19050	2"
106-19060	2-1/2"
106-19070	3"
*	3-1/2"
106-19090	4"
106-19100	5"
106-19110	6"
106-19120	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	



IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 80 XH CONCENTRIC / ECCENTRIC REDUCER

CONCENTRIC REDUCER

IMPORT SCH 80XH	
	
JABO PART#	SIZE
106-16330	1" X 1/2"
106-16400	1-1/2" X 1"
106-16430	2" X 1"
106-16450	2" X 1-1/2"
106-16490	2-1/2" X 2"
106-16520	3" X 1-1/2"
106-16530	3" X 2"
106-16540	3" X 2-1/2"
106-16630	4" X 2"
106-16640	4" X 2-1/2"
106-16650	4" X 3"
106-16700	5" X 4"
106-16740	6" X 3"
106-16760	6" X 4"
106-16770	6" X 5"
106-16800	8" X 4"
106-16820	8" X 6"
106-16850	10" X 6"
106-16860	10" X 8"
106-16890	12" X 6"
106-16900	12" X 8"
106-16910	12" X 10"
106-16950	14" X 12"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

ECCENTRIC REDUCER

IMPORT SCH 80XH	
	
JABO PART#	SIZE
106-17790	2" X 1-1/2"
106-17870	3" X 2"
106-17990	4" X 3"
106-18100	6" X 4"
106-18130	8" X 4"
106-18150	8" X 6"
106-18170	10" X 6"
106-18180	10" X 8"
106-18220	12" X 10"
106-18240	12" X 8"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	



IMPORT CARBON STEEL

WELD FITTINGS -BUTT WELD

SCHEDULE 80 (TRU-80)



IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE TRU 80 ELBOWS

LONG RADIUS 90

IMPORT SCH TRU 80	
	
JABO PART#	SIZE
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

SHORT RADIUS 90

IMPORT SCH TRU 80	
	
JABO PART#	SIZE
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

LONG RADIUS 45

IMPORT SCH TRU 80	
	
JABO PART#	SIZE
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

180 RETURN BEND

IMPORT SCH TRU 80	
	
JABO PART#	SIZE
NOT AVAILABLE IN TRU 80	10"
	12"
	14"
	16"
	18"
	20"
	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

STUB END

IMPORT SCH TRU 80	
	
JABO PART#	SIZE
NOT AVAILABLE IN TRU 80	10"
	12"
	14"
	16"
	18"
	20"
	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	



TRU 80 =(80) ON PIPE CHART


IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE TRU 80 (TEE / REDUCING TEE / CAP)

TEE

IMPORT SCH TRU 80	
	
JABO PART#	SIZE
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

REDUCING TEE

IMPORT SCH TRU 80	
	
JABO PART#	SIZE
*	ASK FOR SIZE WHEN ORDERING
*	
*	
*	
*	
*	
*	
*	
*	
*	
*	
*	
*	
*	
*	
*NON STOCK CALL JABO SUPPLY	
MTR AVAILABLE	
1ST NUMBER- RUN	
2ND NUMBER -BRANCH	

CAP

IMPORT SCH TRU 80	
	
JABO PART#	SIZE
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	



IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE TRU 80 CONCENTRIC / ECCENTRIC REDUCER

CONCENTRIC REDUCER

IMPORT SCH TRU 80 (80)



JABO PART#	SIZE
*	10" X 6"
*	10" X 8"
*	12" X 6"
*	12" X 8"
*	12" X 10"
*	14" X 12"
*	18" X 16"
*NON STOCK CALL JABO SUPPLY	
MTR AVAILABLE	

ECCENTRIC REDUCER

IMPORT SCH TRU 80 (80)



JABO PART#	SIZE
*	10" X 6"
*	10" X 8"
*	12" X 6"
*	12" X 8"
*	12" X 10"
*	14" X 12"
*	18" X 16"
*NON STOCK CALL JABO SUPPLY	
MTR AVAILABLE	



IMPORT CARBON STEEL

WELD FITTINGS -BUTT WELD


SCHEDULE 120




IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 120 ELBOWS

LONG RADIUS 90

IMPORT SCH 120	
	
JABO PART#	SIZE
106-30400	4"
106-30430	5"
106-30450	6"
106-30500	8"
106-30550	10"
106-30600	12"
106-30650	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

SHORT RADIUS 90

IMPORT SCH 120	
	
JABO PART#	SIZE
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

LONG RADIUS 45

IMPORT SCH 120	
	
JABO PART#	SIZE
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	



IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 120 180 BEND / STUB ENDS

180 RETURN BEND

IMPORT SCH 120



JABO PART#	SIZE
NOT AVAILABLE IN SCH 120	4"
	5"
	6"
	8"
	10"
	12"
	14"
	16"
	18"
	20"
	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

STUB END

IMPORT SCH 120




JABO PART#	SIZE
NOT AVAILABLE IN SCH 120	4"
	5"
	6"
	8"
	10"
	12"
	14"
	16"
	18"
	20"
	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	




IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCH 120 TEE / REDUCING TEE / CAP


TEE

IMPORT SCH 120	
	
JABO PART#	SIZE
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

REDUCING TEE

IMPORT SCH 120	
	
JABO PART#	SIZE
*	4" X 1"
*	4" X 1-1/2"
*	4" X 2"
*	4" X 3"
*	6" X 2"
*	6" X 3"
*	6" X 4"
*	8" X 6"
*	12" X 8"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST FROM 3/4" X 1/2" UP TO 48" X 24"	
MTR AVAILABLE	
1ST NUMBER- RUN	
2ND NUMBER -BRANCH	

CAPS


IMPORT SCH 120	
	
JABO PART#	SIZE
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	




IMPORT BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 120 CONCENTRIC / ECCENTRIC REDUCER

CONCENTRIC REDUCER

IMPORT SCH 120	
	
JABO PART#	SIZE
106-31460	4" X 3"
106-31500	6" X 4"
*	8" X 4"
106-31600	8" X 6"
*	10" X 6"
*	10" X 8"
*	12" X 6"
*	12" X 8"
*	12" X 10"
*	14" X 12"
*	16" X 12"
*	16" X 10"
*	18" X 16"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

ECCENTRIC REDUCER

IMPORT SCH 120	
	
JABO PART#	SIZE
*	4" X 3"
*	6" X 4"
*	8" X 4"
*	8" X 6"
*	10" X 6"
*	10" X 8"
*	12" X 6"
*	12" X 8"
*	12" X 10"
*	14" X 12"
*	16" X 12"
*	16" X 10"
*	18" X 16"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	



IMPORT CARBON STEEL

WELD FITTINGS -BUTT WELD

SCHEDULE 160

NON STOCK-CALL JABO SUPPLY



*SCH 160 WELD FITTINGS ARE ARE NON STOCK CALL JABO SUPPLY

DOMESTIC CARBON STEEL

WELD FITTINGS -BUTT WELD

SCHEDULE 40



DOMESTIC BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)**SCHEDULE 40 STD ELBOWS****90 LONG RADIUS****DOMESTIC SCH 40**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
006-02150	2"
*	2-1/2"
006-02170	3"
*	3-1/2"
006-02190	4"
*	5"
006-02210	6"
006-02220	8"
006-02230	10"
006-02240	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

SHORT RADIUS 90**DOMESTIC SCH 40**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

LONG RADIUS 45**DOMESTIC SCH 40**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
006-03760	2"
*	2-1/2"
006-03780	3"
*	3-1/2"
006-03800	4"
*	5"
006-03820	6"
006-03830	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

90 LONG RADIUS**REDUCING ELL****DOMESTIC SCH 40**

JABO PART#	SIZE
*	4" X 3"
*	6" X 4"
AVAILABLE IN 1/2"-48"	



DOMESTIC BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)**SCHEDULE 40 180 BENDS / STUB ENDS****180 RETURN BEND****DOMESTIC SCH 40**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

STUB ENDS**DOMESTIC SCH 40**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	



DOMESTIC BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)**SCHEDULE 40 TEE / REDUCING TEE / CAP****TEE****DOMESTIC SCH 40**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
006-04920	2"
006-04930	2-1/2"
006-04940	3"
*	3-1/2"
006-04960	4"
*	5"
006-04980	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

REDUCING TEE**DOMESTIC SCH 40**

JABO PART#	SIZE
*	2" X 1-1/2"
*	2-1/2" X 1-1/2"
*	2-1/2" X 2"
*	3" X 1-1/2"
*	3" X 2"
*	3" X 2-1/2"
*	4" X 1"
*	4" X 1-1/2"
*	4" X 2"
*	4" X 3"
*	6" X 2"
*	6" X 3"
*	6" X 4"
*	8" X 6"
*	12" X 8"
AVAILABLE UPON REQUEST FROM 3/4" X 1/2" UP TO 48" X 24"	
MTR AVAIL ASK WHEN ORDERING	
1ST NUMBER- RUN	
2ND NUMBER -BRANCH	

CAPS**DOMESTIC SCH 40**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

DOMESTIC BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)**SCHEDULE 40 CONCENTRIC/ECCENTRIC REDUCERS****CONCENTRIC REDUCERS****IMPORT SCH 40**

JABO PART#	SIZE	JABO PART#	SIZE
*	1" X 3/4"	*	10" X 5"
*	1-1/4" X 3/4"	*	10" X 6"
*	1-1/2" X 1"	*	10" X 8"
*	2" X 3/4"	*	12" X 6"
*	2" X 1"	*	12" X 8"
*	2" X 1-1/4"	*	12" X 10"
*	2" X 1-1/2"	*	14" X 8"
*	2-1/2" X 1-1/2"	*	14" X 10"
*	2-1/2" X 2"	*	14" X 12"
*	3" X 1-1/2"	*	14" X 8"
*	3" X 2"	*	16" X 10"
*	3" X 2-1/2"	*	16" X 12"
*	4" X 1"	*	16" X 14"
*	4" X 1-1/2"		
006-07270	4" X 2"		
*	4" X 2-1/2"		
006-07290	4" X 3"		
*	5" X 3"		
*	5" X 4"		
*	6" X 2"		
*	6" X 3"		
*	6" X 2-1/2"		
006-07400	6" X 4"		
*	6" X 5"		
*	8" X 3"		
*	8" X 4"		
*	8" X 5"		
*	8" X 6"		
*NON STOCK CALL JABO SUPPLY			
AVAILABLE IN 1/2"-48"			
MTR AVAILABLE			

**ECCENTRIC REDUCERS****IMPORT SCH 40**

JABO PART#	SIZE
*	1-1/2" X 1"
*	2" X 1"
*	2" X 1-1/2"
*	2-1/2" X 2"
*	3" X 1-1/2"
006-08830	3" X 2"
*	3" X 2-1/2"
*	4" X 2"
*	4" X 2-1/2"
*	4" X 3"
*	6" X 2"
*	6" X 3"
*	6" X 4"
*	8" X 3"
*	8" X 4"
*	8" X 6"
*	10" X 8"
*	12" X 8"
*	12" X 10"
*	14" X 10"
*	20" X 12"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE UPON REQUEST FROM 3/4" X 1/2"	
UP TO 48" X 24"	
MTR AVAILABLE	

DOMESTIC CARBON STEEL

WELD FITTINGS - BUTT WELD

SCHEDULE 80XH



DOMESTIC BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)

SCHEDULE 80 XH ELBOWS

LONG RADIUS 90

DOMESTIC SCH 80 XH



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
006-12280	2"
*	2-1/2"
006-12300	3"
*	3-1/2"
006-12320	4"
*	5"
006-12340	6"
006-12350	8"
006-12360	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

SHORT RADIUS 90

DOMESTIC SCH 80 XH



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
006-13730	2"
006-13740	2-1/2"
006-13750	3"
*	3-1/2"
*	4"
*	5"
006-13790	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

LONG RADIUS 45

DOMESTIC SCH 80 XH



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	



DOMESTIC BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)**SCHEDULE 80 XH 180 BEND / STUB END****180 RETURN BEND****DOMESTIC SCH 80 XH**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

STUB ENDS MSS-A SHORT**DOMESTIC SCH 80 XH**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
006-19202	2"
*	2-1/2"
006-19203	3"
*	3-1/2"
006-19204	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	



DOMESTIC BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)**SCHEDULE 80 XH TEE / REDUCING TEE / CAP****TEE****DOMESTIC SCH 80XH**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
006-14730	1-1/2"
006-14740	2"
006-14750	2-1/2"
006-14760	3"
*	3-1/2"
006-14780	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

REDUCING TEE**DOMESTIC SCH 80XH**

JABO PART#	SIZE
*	2" X 1-1/2"
*	2-1/2" X 1-1/2"
*	2-1/2" X 2"
*	3" X 1-1/4"
*	3" X 2"
*	3" X 2-1/2"
*	4" X 1"
*	4" X 1-1/2"
*	4" X 2"
*	4" X 3"
*	6" X 2"
*	6" X 3"
*	6" X 4"
*	8" X 6"
*	12" X 8"
AVAILABLE UPON REQUEST FROM 3/4" X 1/2" UP TO 48" X 24"	
MTR AVAIL ASK WHEN ORDERING	
1ST NUMBER- RUN	
2ND NUMBER -BRANCH	

CAP**DOMESTIC SCH 80 XH**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

DOMESTIC BLACK CARBON STEEL WELD FITTINGS (BUTT WELD)**SCHEDULE 80 XH CONCENTRIC / ECCENTRIC REDUCER****CONCENTRIC REDUCER****DOMESTIC SCH 80XH**

JABO PART#	SIZE
*	1" X 1/2"
*	1-1/2" X 1"
*	2" X 1"
*	2" X 1-1/2"
*	2-1/2" X 2"
*	3" X 1-1/2"
*	3" X 2"
*	3" X 2-1/2"
*	4" X 2"
*	4" X 2-1/2"
*	4" X 3"
*	5" X 4"
*	6" X 3"
*	6" X 4"
*	6" X 5"
*	8" X 4"
*	8" X 6"
*	10" X 6"
*	10" X 8"
*	12" X 6"
*	12" X 8"
*	12" X 10"
*	14" X 12"
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	

ECCENTRIC REDUCER**DOMESTIC SCH 80XH**

JABO PART#	SIZE
*	2" X 1-1/2"
*	3" X 2"
*	4" X 3"
*	6" X 4"
*	8" X 4"
*	8" X 6"
*	10" X 6"
*	10" X 8"
*	12" X 10"
*	12" X 8"
*NON STOCK CALL JABO SUPPLY	
AVAILABLE IN 1/2"-48"	
MTR AVAILABLE	



DOMESTIC CARBON STEEL

WELD FITTINGS - BUTT WELD

SCHEDULE 160

NON STOCK



***SCH 160 WELD FITTINGS ARE ARE NON STOCK CALL JABO SUPPLY**

CARBON STEEL WELD FITTINGS



JABO SUPPLY SINCE 1964 SERVICE IS MORE THAN A PROMISE
(304)-736-8333

AVAILABLE IN BOTH

IMPORT

DOMESTIC

CARBON STEEL

PIPE FLANGES (ANSI)
A105 / A105N



INDEX

	PAGE #
Picture Index Import Flanges	165-166
Picture Index Domestic Domestic Flanges	167-168
Types of Flanges	169
Difference between A105 & A105N (Normalized)	170
Commonly Asked Questions	171
Difference between Raised Face & Flat Face Flange	172
How to Order a Flange	173
How to Measure a Flange	173
Pressure Rating Chart	174
Specifications/ Dimensions / Bolt Patterns	201-209

IMPORT CARBON STEEL FLANGES

SPECIFICATION	TYPES	CLASS RATING		
		150	300	600
A105	Weld Neck Raised Face STD Bore	176	182	
	Weld Neck Flat Face STD Bore	176		
	Weld Neck Raised Face XH Bore	176	182	186
	Slip On Raised Face	177	183	186
	Slip On Flat Face	177		
	Threaded Raised Face	178	183	
	Threaded Flat Face	178		
	Threaded Reducing Raised Face	178		
	Blind Raised Face	179	184	186
	Blind Flat Face	179		
	Lap (Rotating) Raised Face	180	184	
	Lap (Rotating) Flat Face			
	Socket Weld Raised Face	180	184	
A105N	Slip On Raised Face	188		



IMPORT CARBON STEEL FLANGES


SPECIFICATION	TYPES	CLASS RATING		
		150	300	600
A105	Weld Neck Raised Face STD Bore	190	196	200
	Weld Neck Flat Face STD Bore	190		
	Weld Neck Raised Face XH Bore	190	196	200
	Slip On Raised Face	191	197	200
	Slip On Flat Face	191		
	Threaded Raised Face	192	197	
	Threaded Flat Face	192		
	Threaded Reducing Raised Face	192		
	Blind Raised Face	193	198	200
	Blind Flat Face	193		
	Lap (Rotating) Raised Face	194	198	
	Lap (Rotating) Flat Face			
	Socket Weld Raised Face	194	198	



PICTURE INDEX IMPORT ANSI A105 CLASS 150 / 300 FLANGES

150 WELD NECK RAISED FACE STD BORE	150 WELD NECK FLAT FACE STD BORE	150 WELD NECK RAISED FACE XH BORE	150 SLIP ON RAISED FACE
			
PAGE 176	PAGE 176	PAGE 176	PAGE 177
150 SLIP ON FLAT FACE	150 THREADED RAISED FACE	150 THREADED FLAT FACE	150 THREADED REDUCING RAISED FACE
		NO PICTURE AVAILABLE	
PAGE 177	PAGE 178	PAGE 178	PAGE 178
150 BLIND RAISED FACE	150 BLIND FLAT FACE	150 LAP (ROTATING) RAISED FACE	150 SOCKET WELD RAISED FACE
			
PAGE 179	PAGE 179	PAGE 180	PAGE 180
300 WELD NECK RAISED FACE STD BORE	300 WELD NECK FLAT FACE STD BORE	300 WELD NECK RAISED FACE XH BORE	300 SLIP ON RAISED FACE
	NO PICTURE AVAILABLE		
PAGE 182	NON STOCK NOT IN CATALOG	PAGE 182	PAGE 183
300 SLIP ON FLAT FACE	300 THREADED RAISED FACE	300 THREADED FLAT FACE	300 THREADED REDUCING FLAT FACE
NO PICTURE AVAILABLE		NO PICTURE AVAILABLE	NO PICTURE AVAILABLE
NON STOCK NOT IN CATALOG	PAGE 183	NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG
300 BLIND RAISED FACE	300 BLIND FLAT FACE	300 LAP (ROTATING) RAISED FACE	300 SOCKET WELD RAISED FACE
	NO PICTURE AVAILABLE		
PAGE 184	NON STOCK NOT IN CATALOG	PAGE 184	PAGE 184

PICTURE INDEX IMPORT ANSI A105 CLASS 600 FLANGES

600 WELD NECK RAISED FACE XH BORE	600 WELD NECK FLAT FACE STD BORE	600 WELD NECK RAISED FACE XH BORE	600 SLIP ON RAISED FACE
	NO PICTURE AVAILABLE	NO PICTURE AVAILABLE	
PAGE 186	NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG	PAGE 186
SLIP ON FLAT FACE	600 THREADED RAISED FACE	600 THREADED FLAT FACE	600 THREADED REDUCING FLAT FACE
NO PICTURE AVAILABLE	NO PICTURE AVAILABLE	NO PICTURE AVAILABLE	NO PICTURE AVAILABLE
NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG
600 BLIND RAISED FACE	600 BLIND FLAT FACE	600 LAP (ROTATING) RAISED FACE	600 SOCKET WELD RAISED FACE
	NO PICTURE AVAILABLE	NO PICTURE AVAILABLE	NO PICTURE AVAILABLE
PAGE 186	NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG

PICTURE INDEX IMPORT ANSI 105N CLASS 150


150 NORMALIZED SLIP ON RAISED FACE

PAGE 188

PICTURE INDEX DOMESTIC ANSI A105 CLASS 150 / 300 FLANGES

150 WELD NECK	150 WELD NECK	150 WELD NECK	150 SLIP ON
RAISED FACE STD BORE	FLAT FACE STD BORE	RAISED FACE XH BORE	RAISED FACE
			
PAGE 190	PAGE 190	PAGE 190	PAGE 191
150 SLIP ON	150 THREADED	150 THREADED	150 THREADED REDUCING
FLAT FACE	RAISED FACE	FLAT FACE	RAISED FACE
		NO PICTURE AVAILABLE	
PAGE 191	PAGE 192	PAGE 192	PAGE 192
150 BLIND	150 BLIND	150 LAP (ROTATING)	150 SOCKET WELD
RAISED FACE	FLAT FACE	RAISED FACE	RAISED FACE
			
PAGE 193	PAGE 193	PAGE 194	PAGE 194
300 WELD NECK	300 WELD NECK	300 WELD NECK	300 SLIP ON
RAISED FACE STD BORE	FLAT FACE STD BORE	RAISED FACE XH BORE	RAISED FACE
	NO PIC AVAILABLE		
PAGE 196	NON STOCK NOT IN CATALOG	PAGE 196	PAGE 197
300 SLIP ON	300 THREADED	300 THREADED	300 THREADED REDUCING
FLAT FACE	RAISED FACE	FLAT FACE	FLAT FACE
NO PICTURE AVAILABLE		NO PICTURE AVAILABLE	NO PICTURE AVAILABLE
NON STOCK NOT IN CATALOG	PAGE 197	NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG
300 BLIND	300 BLIND	300 LAP (ROTATING)	300 SOCKET WELD
RAISED FACE	FLAT FACE	RAISED FACE	RAISED FACE
	NO PICTURE AVAILABLE		
PAGE 198	NON STOCK NOT IN CATALOG	PAGE 198	PAGE 198

PICTURE INDEX DOMESTIC ANSI A105 CLASS 600 FLANGES







600 WELD NECK	600 WELD NECK	600 WELD NECK	600 SLIP ON
RAISED FACE STD BORE	FLAT FACE STD BORE	RAISED FACE XH BORE	RAISED FACE
			
PAGE 200	NON STOCK NOT IN CATALOG	PAGE 200	PAGE 200
SLIP ON	600 THREADED	600 THREADED	600 THREADED REDUCING
FLAT FACE	RAISED FACE	FLAT FACE	FLAT FACE
		NO PICTURE AVAILABLE	
NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG
600 BLIND	600 BLIND	600 LAP (ROTATING)	600 SOCKET WELD
RAISED FACE	FLAT FACE	RAISED FACE	RAISED FACE
	NO PICTURE AVAILABLE	NO PICTURE AVAILABLE	NON STOCK NOT IN CATALOG
PAGE 200	NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG	NON STOCK NOT IN CATALOG



PICTURE INDEX IMPORT ANSI 105N CLASS 150

150 NORMALIZED SLIP ON
RAISED FACE

NON STOCK NOT IN CATALOG

TYPES OF FLANGES

WELD NECK	SLIP ON	THREADED FLANGE
		
Named for their protruding necks, these bulky flanges share the environmental stress of the pipe to which they are affixed and can, therefore, be used in extreme temperature or pressure situations.	Slip-on flanges slip onto the pipe – and are then welded on both the inside and outside. They're inexpensive, popular and best used in low-pressure, low-temperature applications.	Threaded pipe flanges are similar in design to slip-ons but has a tapered thread, meaning it can be attached to pipes without welding. Like Slip-on flanges, they're best used in low-pressure, low-temperature environment.
BLIND	LAP/ROTATING	SOCKET WELD
		
Blind flanges don't have a bore and are used to shut off sections of pipe. They're suitable for high-pressure applications, as well as for testing the flow of gas or liquid through a pipe.	Lap Joint Flanges are intended to saddle over a stub end fitting. They feature an extended hub and a machined radius at the base of the flat face.	Typically used on small, high-pressure pipes like hydraulic pipes, socket weld flanges are able to accept pipe into the socket to create the fitting.

AVAIL IN IMPORT		AVAIL IN DOMESTIC		AVAIL IN THE FOLLOWING	
				CALL JABO SUPPLY	SPECS 1. A105/A105N
CALL YOUR JABO CSR FOR MORE DETAILS					TYPE OF FACE 1. Raised/Flat
					CLASS 150-1500
					*JABO stocking 150/300 Class with limited larger sizes

DIFFERENCE BETWEEN A105 AND A105N

Composition

ASTM A105 and A105N are both carbon steel materials but are compositionally different. ASTM A105 is a forging specification that covers a carbon steel alloy used for high-temperature service. It contains low carbon, manganese, phosphorus, and sulfur content. ASTM A105N, on the other hand, is also a forging specification but requires a minimum of 0.35% silicon. This is added to improve its mechanical properties, mainly its strength and toughness. So, while ASTM A105 is a generic carbon steel, A105N is a modified carbon steel with additional silicon content.

Heat Treatment

Heat treatment of materials is crucial in determining their physical and mechanical properties. ASTM A105, a basic carbon steel, has a maximum carbon content of 0.35%. This means heat treatment is unnecessary for this material, except for stress-relieving purposes. Heat treatment may be required if the carbon content exceeds 0.35%. A105N, on the other hand, is a modified carbon steel with additional silicon content, which imparts better mechanical properties. This material requires heat

Usage

ASTM A105 and A105N are commonly used in high-pressure applications, such as steam and gas piping systems. ASTM A105 is generally used in low-pressure systems, whereas A105N is used in high-pressure systems. This is due to its higher silicon content, which provides better strength and toughness, making it ideal for higher-pressure applications. In addition, A105N is not recommended for low-temperature applications, while A105 can be used for a wider temperature range.

Tensile Strength

The tensile strength of ASTM A105 is greater than that of ASTM A105N. The yield strength of ASTM A105 is also greater than that of ASTM A105N.

Impact Strength

The impact strength of ASTM A105 is lower than that of ASTM A105N. This means that ASTM A105 is more likely to break under impact than ASTM A105N.

Temperature Range

The temperature range of ASTM A105 is -20 to 400 degrees Fahrenheit (-29 to 204 degrees Celsius). The temperature range of ASTM A105N is -20 to 500 degrees Fahrenheit (-29 to 260 degrees Celsius). This means that ASTM A105N can be used at higher temperatures than ASTM A105.

Cost

Cost is one of the major factors when choosing a material for your projects. As a plain carbon steel, ASTM A105 is generally cheaper than A105N, which requires additional elements such as silicon, manganese, and nickel to improve its mechanical properties. The extra cost of A105N comes with enhanced strength and toughness, making it suitable for demanding applications.

MOST COMMONLY ASKED QUESTIONS

HOW ARE FLANGES DESCRIBED?

While working with ASME/ANSI Flange, the terms such as Flange Ratings, Flange Pressure Ratings, Flange Class, and pressure-temperature rating of flanges are quite confusing. Below is a breakdown of each terminology used in the industry.

DIFFERENT TERMINOLOGY FOR FLANGES

The industry refers to flanges in many different ways. Below are a few common ways to refer to a 150 Class Flange.

Class #150

150-pound flange

Class 150 Flange Pressure Rating

150 lb flange

ALL ARE THE SAME 150 CLASS FLANGE

PLEASE LET YOUR CSR KNOW
WHEN ORDERING IF AN MTR IS
REQUIRED.

PRESSURE RATING AND OR CLASS

Flanges are broken out into 6 different classes or pound classes

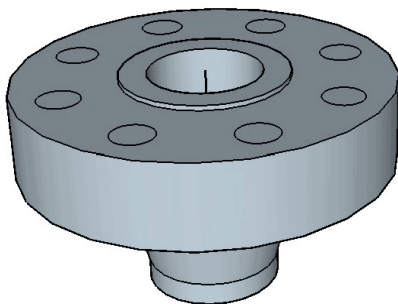
150#	900#
300#	1500#
600#	2500#

***This is not the pressure rating of the flange but the pounds per sq inch**

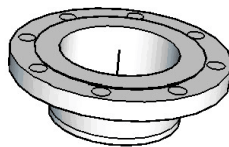
*Pressure rating is defined as **the maximum allowed pressure that a flange can withstand at increasing temperatures**. According to the ANSI/ASME B16.5 specification, there are seven flange pressure ratings: 150, 300, 600, 900, 1500, and 2500*

The higher the flange ratings, the heavier the flange and can withstand higher pressure and temperature. So, when the temperature goes up for a given material, the maximum allowable pressure goes down, and vice versa. See below for a comparison of 6" Class 150 and Class 2500 weld neck flange.

EXAMPLE OF DIFFERENT SIZES



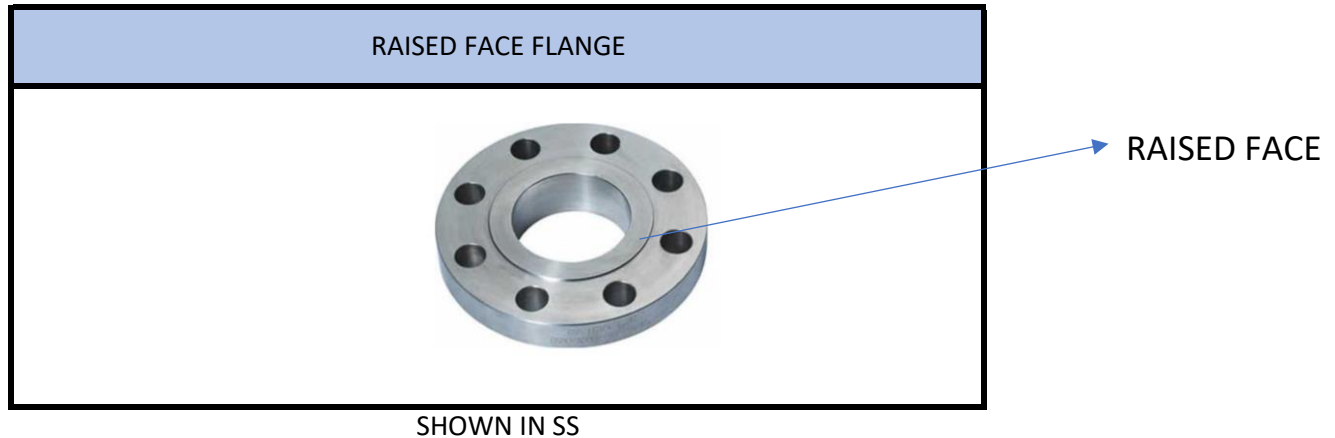
6" Class 2500 Weld Neck Flange



6" Class 150 Weld Neck Flange

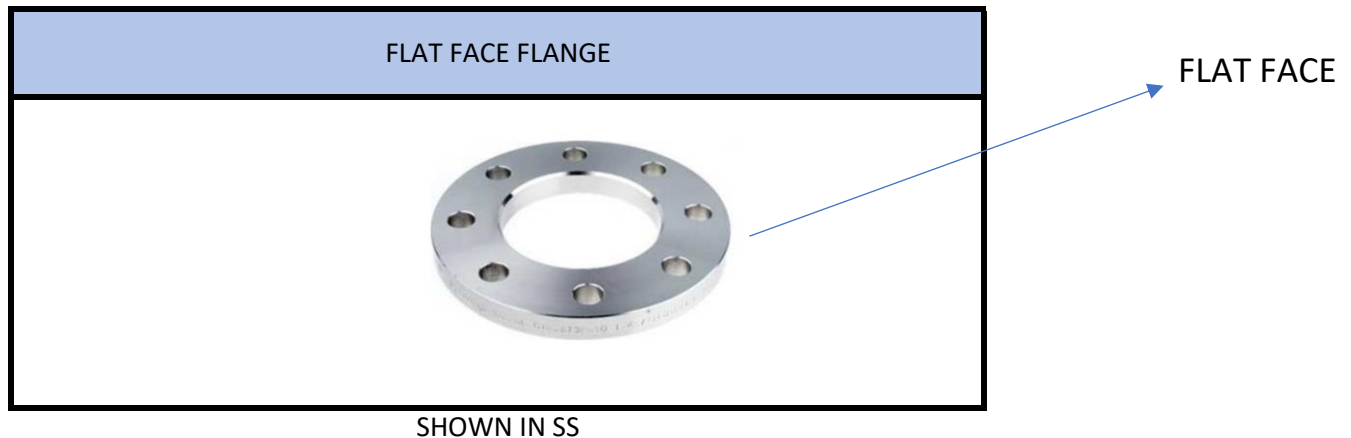
DIFFERENCE BETWEEN RAISED FACE/FLAT FACE

RAISED FACE/FLAT FACE



It is called raised face because the gasket is raised 1/16" to 1/4" above the bolt circle face. This face type allows the use of a wide combination of gasket designs, including flat ring sheet types and metallic composites such as spiral wound and double jacketed types.


The **purpose** of a RF flange is to concentrate more pressure on a smaller gasket area and thereby increase the pressure containment capability of the joint.



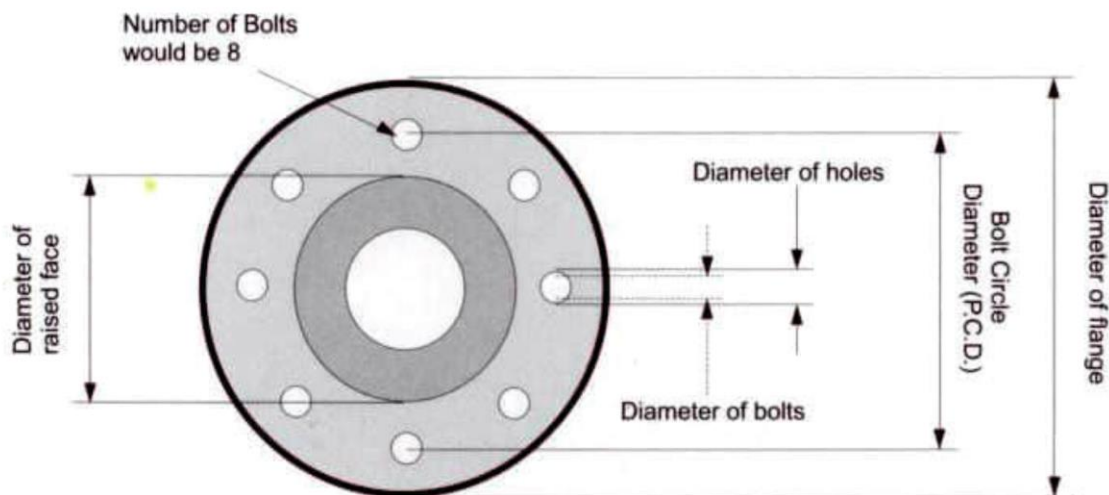
The flat face (full face) flange has a gasket surface in the same plane as the bolting circle face.

Applications using flat face flanges are frequently those in which the mating flange or flanged fitting is made from a casting.

HOW TO ORDER A FLANGE

HOW TO ORDER A FLANGE				
1. PROVIDE PART NUMBER TO YOUR JABO CSR				
2. PROVIDE THE BELOW INFORMATION TO YOUR CSR				
CHOOSE ONE FROM EACH COLUMN				
WHERE MFR	TYPE	SIZE	TYPE FACE	RATING
CHOOSE ONE	CHOOSE ONE	CHOOSE SIZE	CHOOSE ONE	CHOOSE ONE
	*WELD NECK	1/2"-48"		150#
	SLIP ON			300#
	**THREADED			600#
	BLIND			900#
1. IMPORT	LAP/ROTATING		1. RAISED FACE	1500#
2. DOMESTIC	SOCKET WELD		2. FLAT FACE	2500#
*When ordering Weld Neck Flanges Please provide bore size (AKA) neck such as sch 40, 80xh etc				
**Threaded Flange can be either size on size or a reducing threaded flange				

HOW TO MEASURE A FLANGE



MOST COMMON PLACES TO MEASURE - See Flange Dimensions to Determine Size

PRESSURE RATING CHART

Flanges pressure rating in psig for common carbon steel ASME flanges (A105 / A350 LF2 / A350 LF3 / A350 LF6)							
Temperature (F°)	150#	300#	400#	600#	900#	1500#	2500#
-20 to 100	285	740	985	1480	2220	3705	6170
200	260	680	905	1360	2035	3395	5655
300	230	655	870	1310	1965	3270	5450
400	200	635	845	1265	1900	3170	5280
500	170	605	805	1205	1810	3015	5025
600	140	570	755	1135	1705	2840	4730
650	125	550	730	1100	1650	2745	4575
700	110	530	710	1060	1590	2655	4425
750	95	505	675	1015	1520	2535	4230
800	80	410	550	825	1235	2055	3430
850	65	320	425	640	955	1595	2655
900	50	230	305	460	690	1150	1915
950	35	135	185	275	410	685	1145
1000	20	85	115	170	255	430	715

The above table shows that in a 150 lb carbon steel flange, the allowable pressure is 285 psi at 100°F, 170 psi at 500°F, and 20 psi at 1000°F. The only temperature at which the flange is rated for 150 psi is near 500°F. Higher class flanges are rated at their nominal pressure rating only at near 850°F. See the cells in yellows.

IMPORT A105

CARBON STEEL FLANGES

CLASS 150
A105



IMPORT CLASS 150 A105

WELD NECK

RAISED FACE
STD BORE

IMPORT



JABO PART#	SIZE
107-00580	1/2"
107-00590	3/4"
107-00600	1"
107-00610	1-1/4"
107-00620	1-1/2"
107-00630	2"
107-00640	2-1/2"
107-00650	3"
*	3-1/2"
107-00670	4"
107-00680	5"
107-00690	6"
107-00700	8"
107-00710	10"
107-00720	12"
107-00730	14"
107-00740	16"
107-00750	18"
107-00760	20"
107-00770	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

FLAT FACE
STD BORE

IMPORT



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
107-01300	2"
107-01310	2-1/2"
107-01320	3"
*	3-1/2"
107-01340	4"
*	5"
107-01360	6"
107-01370	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

RAISED FACE
XH BORE

IMPORT



JABO PART#	SIZE
*	1/2"
*	3/4"
107-00100	1"
*	1-1/4"
107-00140	1-1/2"
107-00160	2"
*	2-1/2"
107-00180	3"
*	3-1/2"
107-00190	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	



IMPORT CLASS 150 A105

SLIP ON

SLIP ON
RAISED FACE

IMPORT



JABO PART#	SIZE
107-02590	1/2"
107-02600	3/4"
107-02610	1"
107-02620	1-1/4"
107-02630	1-1/2"
107-02640	2"
107-02650	2-1/2"
107-02660	3"
*	3-1/2"
107-02680	4"
107-02690	5"
107-02700	6"
107-02710	8"
107-02720	10"
107-02730	12"
107-02740	14"
107-02750	16"
107-02760	18"
107-02770	20"
107-02790	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

SLIP ON
FLAT FACE

IMPORT



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
107-02910	2"
107-02920	2-1/2"
107-02930	3"
*	3-1/2"
107-02950	4"
107-02960	5"
107-02970	6"
107-02980	8"
107-03000	10"
107-03020	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	



IMPORT CLASS 150 A105

THREADED / REDUCING

THREADED
RAISED FACE

IMPORT



JABO PART#	SIZE
107-05590	1/2"
107-05600	3/4"
107-05610	1"
107-05620	1-1/4"
107-05630	1-1/2"
107-05640	2"
107-05650	2-1/2"
107-05660	3"
*	3-1/2"
107-05680	4"
107-05690	5"
107-05700	6"
107-05710	8"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

THREADED
FLAT FACE

IMPORT

PIC NOT AVAIL

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

THREADED REDUCING
FLAT FACE

IMPORT



JABO PART#	SIZE
107-05880	2" X 3/4"
107-05900	3" X 3/4"
107-05980	2" X 1"
107-06000	3" X 1"
107-06260	3" X 2"
107-06280	4" X 2"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAIL ASK WHEN ORDERING	
JABO SUPPLY CAN FABRICATE ANY SIZE NEEDED BY USING A BLIND FLANGE	



IMPORT CLASS 150 A105

BLIND FLANGE

BLIND
RAISED

IMPORT



JABO PART#	SIZE
107-08290	1/2"
107-08300	3/4"
107-08310	1"
107-08320	1-1/4"
107-08330	1-1/2"
107-08340	2"
107-08350	2-1/2"
107-08360	3"
*	3-1/2"
107-08380	4"
107-08390	5"
107-08400	6"
107-08410	8"
107-08420	10"
107-08430	12"
107-08440	14"
107-08450	16"
107-08460	18"
107-08480	20"
107-08500	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

BLIND
FLAT FACE

IMPORT




JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	




IMPORT CLASS 150 A105

LAP (ROTATING) / SOCKET WELD

LAP (ROTATING)
RAISED FACE

IMPORT	
	
JABO PART#	SIZE
107-09270	1/2"
107-09280	3/4"
107-09290	1"
*	1-1/4"
107-09310	1-1/2"
107-09320	2"
107-09330	2-1/2"
107-09340	3"
*	3-1/2"
107-09360	4"
107-09370	5"
107-09380	6"
107-09390	8"
107-09400	10"
107-09410	12"
107-09420	14"
107-09430	16"
107-09440	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

SOCKET WELD
RAISED FACE

IMPORT	
	
JABO PART#	SIZE
*	1/2"
107-09530	3/4"
107-09540	1"
*	1-1/4"
107-09560	1-1/2"
107-09570	2"
107-09580	2-1/2"
107-09590	3"
*	3-1/2"
107-09610	4"
*	5"
107-09630	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	



IMPORT A105

CARBON STEEL FLANGES


CLASS 300
A105




IMPORT CLASS 300 A105

WELD NECK

**WELD NECK
RAISED FACE
STD BORE**

IMPORT	
	
JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
107-09800	2"
107-10120	2-1/2"
107-10130	3"
*	3-1/2"
107-10150	4"
107-10160	5"
107-10170	6"
107-10180	8"
107-10190	10"
107-10200	12"
*	14"
*	16"
*	18"
107-10280	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

**WELD NECK
RAISED FACE
XH BORE**

IMPORT	
	
JABO PART#	SIZE
107-10060	1/2"
107-10070	3/4"
107-10080	1"
*	1-1/4"
107-10100	1-1/2"
107-10110	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
107-10281	20"
107-10282	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	



IMPORT CLASS 300 A105N

SLIP ON / THREADED

SLIP ON
RAISED FACE

IMPORT



JABO PART#	SIZE
107-12070	1/2"
107-12080	3/4"
107-12090	1"
107-12100	1-1/4"
107-12110	1-1/2"
107-12120	2"
107-12130	2-1/2"
107-12140	3"
*	3-1/2"
107-12160	4"
107-12170	5"
107-12180	6"
107-12190	8"
107-12200	10"
107-12210	12"
107-12220	14"
107-12240	16"
107-12260	18"
*	20"
107-12300	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

THREADED
RAISED FACE

IMPORT




JABO PART#	SIZE
107-14230	1/2"
107-14240	3/4"
107-14250	1"
107-14260	1-1/4"
107-14270	1-1/2"
107-14280	2"
107-14290	2-1/2"
107-14300	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	




IMPORT CLASS 300 A105

BLIND/LAP (ROTATING) /SOCKET WELD


BLIND
RAISED FACE

IMPORT	
	
JABO PART#	SIZE
107-16240	1/2"
107-16250	3/4"
107-16260	1"
*	1-1/4"
107-16280	1-1/2"
107-16290	2"
107-16300	2-1/2"
107-16310	3"
*	3-1/2"
107-16330	4"
*	5"
107-16350	6"
107-16360	8"
107-16370	10"
107-16390	12"
*	14"
*	16"
*	18"
107-16460	20"
107-16480	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

LAP (ROTATING)
RAISED FACE

IMPORT	
	
JABO PART#	SIZE
*	1/2"
*	3/4"
107-14400	1"
*	1-1/4"
107-14430	1-1/2"
107-14440	2"
*	2-1/2"
107-14470	3"
*	3-1/2"
107-14490	4"
*	5"
107-14500	6"
107-14520	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

SOCKET WELD
RAISED FACE

IMPORT	
	
JABO PART#	SIZE
107-14800	1/2"
107-14820	3/4"
107-14840	1"
*	1-1/4"
107-14860	1-1/2"
107-14880	2"
107-14890	2-1/2"
107-14900	3"
*	3-1/2"
107-14920	4"
*	5"
107-15060	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	



IMPORT A105

CARBON STEEL FLANGES

CLASS 600


A105




IMPORT CLASS 600 A105

WELD NECK/ SLIP ON/ BLIND


WELD NECK
RAISED XH BORE

IMPORT	
	
JABO PART#	SIZE
107-20030	1/2"
107-20040	3/4"
107-20050	1"
*	1-1/4"
107-20070	1-1/2"
107-20080	2"
*	2-1/2"
107-20100	3"
*	3-1/2"
107-20120	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

SLIP ON
RAISED FACE

IMPORT	
	
JABO PART#	SIZE
107-21400	1/2"
107-21410	3/4"
107-21420	1"
*	1-1/4"
107-21440	1-1/2"
107-21450	2"
*	2-1/2"
107-21470	3"
*	3-1/2"
107-21490	4"
*	5"
107-21500	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

BLIND
RAISED FACE

IMPORT	
	
JABO PART#	SIZE
107-22450	1/2"
107-22460	3/4"
107-22470	1"
*	1-1/4"
107-22490	1-1/2"
107-22500	2"
*	2-1/2"
107-22520	3"
*	3-1/2"
107-22540	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	



IMPORT A105N

CARBON STEEL FLANGES

CLASS 150
NORMALIZED A105N



IMPORT NORMALIZED FLANGES A105N

**SLIP ON
RAISED FACE
A105N**

IMPORT



NORMALIZED FLANGES ARE
MANUFACTURED IN ALL FLANGE
TYPES AND CLASSES

JABO PART#	SIZE
*	1/2"
*	3/4"
107-30000	1"
*	1-1/4"
107-30001	1-1/2"
107-30002	2"
*	2-1/2"
107-30004	3"
*	3-1/2"
107-30006	4"
107-30008	5"
107-30010	6"
107-30012	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

DOMESTIC A105

CARBON STEEL FLANGES

CLASS 150
A105



DOMESTIC CLASS 150 A105**WELD NECK****WELD NECK
RAISED FACE
STD BORE****DOMESTIC**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
007-00620	1-1/2"
007-00630	2"
*	2-1/2"
007-00650	3"
*	3-1/2"
007-00670	4"
007-00680	5"
007-00690	6"
007-00700	8"
007-00710	10"
007-00720	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

**WELD NECK
FLAT FACE
STD BORE****DOMESTIC**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

**WELD NECK
RAISED FACE
XH BORE****DOMESTIC**

JABO PART#	SIZE
*	1/2"
*	3/4"
007-00100	1"
*	1-1/4"
007-00140	1-1/2"
007-00160	2"
*	2-1/2"
007-00180	3"
*	3-1/2"
007-00190	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	



DOMESTIC CLASS 150 A105**SLIP ON****SLIP ON
RAISED FACE****DOMESTIC**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
007-02630	1-1/2"
007-02640	2"
007-02650	2-1/2"
007-02660	3"
*	3-1/2"
007-02680	4"
	5"
007-02700	6"
007-02710	8"
007-02720	10"
007-02730	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

**SLIP ON
FLAT FACE****DOMESTIC**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	



DOMESTIC CLASS 150 A105

THREADED / REDUCING

THREADED
RAISED FACE

DOMESTIC



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
007-05640	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

THREADED
FLAT FACE

DOMESTIC

PIC NOT AVAIL

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

THREADED REDUCING
RAISED FACE

DOMESTIC



JABO PART#	SIZE
*	2" X 3/4"
*	3" X 3/4"
*	2" X 1"
*	3" X 1"
*	3" X 2"
*	4" X 2"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAIL ASK WHEN ORDERING	
JABO SUPPLY CAN FABRICATE ANY SIZE NEEDED BY USING A BLIND FLANGE	



DOMESTIC CLASS 150 A105

BLIND FLANGE

BLIND
RAISED

DOMESTIC



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
007-08330	1-1/2"
007-08340	2"
007-08350	2-1/2"
007-08360	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

BLIND
FLAT FACE

DOMESTIC



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	



DOMESTIC CLASS 150 A105**LAP (ROTATING) / SOCKET WELD****LAP (ROTATING)
RAISED FACE****DOMESTIC**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

**SOCKET WELD
RAISED FACE****DOMESTIC**

JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
007-09560	1-1/2"
007-09570	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	



DOMESTIC A105

CARBON STEEL FLANGES

CLASS 300

A105



DOMESTIC CLASS 300 A105

WELD NECK

**WELD NECK
RAISED FACE
STD BORE**

DOMESTIC



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
007-10170	6"
007-10180	8"
007-10190	10"
007-10200	12"
*	14"
*	16"
*	18"
*	20"
*	24"

*NON STOCK CALL JABO SUPPLY

OTHER SIZES AVAIL UPON REQUEST

MTR AVAILABLE

**WELD NECK
RAISED FACE
XH BORE**

DOMESTIC



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
007-10110	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"

*NON STOCK CALL JABO SUPPLY

OTHER SIZES AVAIL UPON REQUEST

MTR AVAILABLE



DOMESTIC CLASS 300 A105

SLIP ON / THREADED

SLIP ON
RAISED FACE

DOMESTIC



JABO PART#	SIZE
007-12070	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
007-12120	2"
007-12130	2-1/2"
007-12140	3"
*	3-1/2"
007-12160	4"
007-12170	5"
007-12180	6"
007-12190	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	

THREADED
RAISED FACE

DOMESTIC



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
007-14280	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*NON STOCK CALL JABO SUPPLY	
OTHER SIZES AVAIL UPON REQUEST	
MTR AVAILABLE	



DOMESTIC CLASS 300 A105

BLIND / LAP (ROTATING) / SOCKET WELD

BLIND
RAISED FACE

DOMESTIC



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
007-16350	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"

*NON STOCK CALL JABO SUPPLY

OTHER SIZES AVAIL UPON REQUEST

MTR AVAILABLE

LAP (ROTATING)
RAISED FACE

DOMESTIC



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"

*NON STOCK CALL JABO SUPPLY

OTHER SIZES AVAIL UPON REQUEST

MTR AVAILABLE

SOCKET WELD
RAISED FACE

DOMESTIC

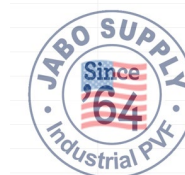


JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"

*NON STOCK CALL JABO SUPPLY

OTHER SIZES AVAIL UPON REQUEST

MTR AVAILABLE



DOMESTIC A105

CARBON STEEL FLANGES

CLASS 600
A105



DOMESTIC CLASS 600 A105**WELD NECK / SLIP ON / BLIND****WELD NECK
RAISED XH BORE****DOMESTIC**

JABO PART#	SIZE
*	1/2"
*	3/4"
007-20050	1"
*	1-1/4"
007-20070	1-1/2"
007-20080	2"
*	2-1/2"
*	3"
*	3-1/2"
*	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"

*NON STOCK CALL JABO SUPPLY

OTHER SIZES AVAIL UPON REQUEST

MTR AVAILABLE

**SLIP ON
RAISED FACE****DOMESTIC**

JABO PART#	SIZE
007-21400	1/2"
007-21410	3/4"
007-21420	1"
*	1-1/4"
007-21440	1-1/2"
007-21450	2"
*	2-1/2"
007-21470	3"
*	3-1/2"
007-21490	4"
*	5"
*	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"

*NON STOCK CALL JABO SUPPLY

OTHER SIZES AVAIL UPON REQUEST

MTR AVAILABLE

**BLIND
RAISED FACE****DOMESTIC**

JABO PART#	SIZE
*	1/2"
007-22460	3/4"
007-22470	1"
*	1-1/4"
007-22490	1-1/2"
007-22500	2"
*	2-1/2"
007-22520	3"
*	3-1/2"
007-22540	4"
*	5"
007-22550	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"

*NON STOCK CALL JABO SUPPLY

OTHER SIZES AVAIL UPON REQUEST

MTR AVAILABLE

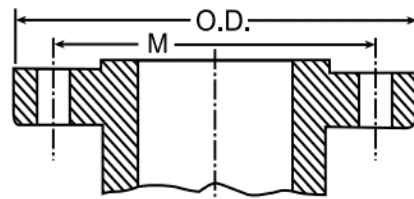
**WELD NECK
RAISED STD BORE****DOMESTIC**

JABO PART#	SIZE
007-20100	3"
007-20140	4"
007-20160	6"
007-20180	8"
ALL OTHER SIZE NON STOCK	

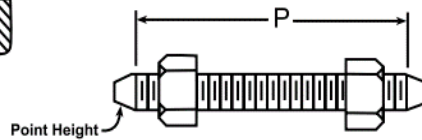


CLASS 150 FLANGE BOLT PATTERN AND LENGTH

PROVIDED BY WELDBEND CATALOG

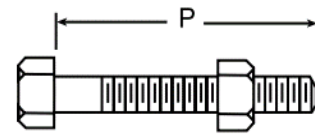


Flange



Point Height

Stud Bolt



Machine Bolt

PLEASE LET YOUR CSR KNOW
WHEN ORDERING IF AN MTR IS

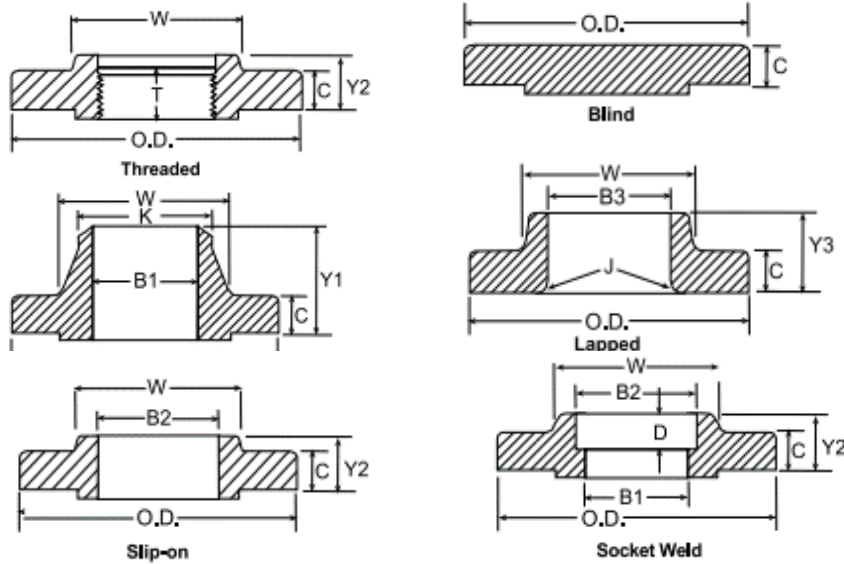
Bolting Pattern and Bolt Lengths								
Pipe Size	Outside Diameter	Drilling				Length of Bolts		
		Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolt Holes	Diameter of Bolts	Stud Bolts Raised Face 0.06 in.	Stud Bolts Ring Joint	Machine Bolts Raised Face 0.06 in.
	O.D.	M				P	P	P

ASME B16.5

1/2	3.50	2.38	5/8	4	1/2	2.25	*	2.00
3/4	3.88	2.75	5/8	4	1/2	2.50	*	2.00
1	4.25	3.12	5/8	4	1/2	2.50	3.00	2.25
1 1/4	4.62	3.50	5/8	4	1/2	2.75	3.25	2.25
1 1/2	5.00	3.88	5/8	4	1/2	2.75	3.25	2.50
2	6.00	4.75	3/4	4	5/8	3.25	3.75	2.75
2 1/2	7.00	5.50	3/4	4	5/8	3.50	4.00	3.00
3	7.50	6.00	3/4	4	5/8	3.50	4.00	3.00
3 1/2	8.50	7.00	3/4	8	5/8	3.50	4.00	3.00
4	9.00	7.50	3/4	8	5/8	3.50	4.00	3.00
5	10.00	8.50	7/8	8	3/4	3.75	4.25	3.25
6	11.00	9.50	7/8	8	3/4	4.00	4.50	3.25
8	13.50	11.75	7/8	8	3/4	4.25	4.75	3.50
10	16.00	14.25	1	12	7/8	4.50	5.00	4.00
12	19.00	17.00	1	12	7/8	4.75	5.25	4.00
14	21.00	18.75	1 1/8	12	1	5.25	5.75	4.50
16	23.50	21.25	1 1/8	16	1	5.25	5.75	4.50
18	25.00	22.75	1 1/4	16	1 1/8	5.75	6.25	5.00
20	27.50	25.00	1 1/4	20	1 1/8	6.25	6.75	5.50
24	32.00	29.50	1 3/8	20	1 1/4	6.75	7.25	6.00

CLASS 150 FLANGE DIMENSIONS

PROVIDED BY WELDBEND CATALOG



Pipe Size	Outside Diameter of Flange	Thickness of Flange (Min.)	Thickness of Lap Joint (Min.)	Diameter of Hub*	Diameter of Weld Neck	Length Through Hub			Thread Length (Min.)	Bore			Lap Joint Radius	Depth of Socket
						Threaded, Slip-on & Socket Weld (Min.)	Lap Joint	Weld Neck		Slip-on & Socket Weld (Min.)	Lap Joint (Min.)	Weld Neck & Socket Weld (Min.)		
ASME B16.5														
½	3.50	0.38	0.44	1.19	0.84	0.56	0.62	1.81	0.62	0.88	0.90	0.62	0.12	0.38
¾	3.88	0.44	0.50	1.50	1.05	0.56	0.62	2.00	0.62	1.09	1.11	0.82	0.12	0.44
1	4.25	0.50	0.56	1.94	1.32	0.62	0.69	2.12	0.69	1.36	1.38	1.05	0.12	0.50
1 ¼	4.62	0.56	0.62	2.31	1.66	0.75	0.81	2.19	0.81	1.70	1.72	1.38	0.19	0.56
1 ½	5.00	0.62	0.69	2.56	1.90	0.81	0.88	2.38	0.88	1.95	1.97	1.61	0.25	0.62
2	6.00	0.69	0.75	3.06	2.38	0.94	1.00	2.44	1.00	2.44	2.46	2.07	0.31	0.69
2 ½	7.00	0.81	0.88	3.56	2.88	1.06	1.12	2.69	1.12	2.94	2.97	2.47	0.31	0.75
3	7.50	0.88	0.94	4.25	3.50	1.12	1.19	2.69	1.19	3.57	3.60	3.07	0.38	0.81
3 ½	8.50	0.88	0.94	4.81	4.00	1.19	1.25	2.75	1.25	4.07	4.10	3.55	0.38	0.50
4	9.00	0.88	0.94	5.31	4.50	1.25	1.31	2.94	1.31	4.57	4.60	4.03	0.44	
5	10.00	0.88	0.94	6.44	5.56	1.38	1.44	3.44	1.44	5.66	5.69	5.05	0.44	
6	11.00	0.94	1.00	7.56	6.63	1.50	1.56	3.44	1.56	6.72	6.75	6.07	0.50	
8	13.50	1.06	1.12	9.69	8.63	1.69	1.75	3.94	1.75	8.72	8.75	7.98	0.50	
10	16.00	1.12	1.19	12.00	10.75	1.88	1.94	3.94	1.94	10.88	10.92	10.02	0.50	
12	19.00	1.19	1.25	14.38	12.75	2.12	2.19	4.44	2.19	12.88	12.92	12.00	0.50	
14	21.00	1.31	1.38	15.75	14.00	2.19	3.12	4.94	2.25	14.14	14.18	13.25	0.50	
16	23.50	1.38	1.44	18.00	16.00	2.44	3.44	4.94	2.50	16.16	16.19	15.25	0.50	
18	25.00	1.50	1.56	19.88	18.00	2.62	3.81	5.44	2.69	18.18	18.20	17.25	0.50	
20	27.50	1.62	1.69	22.00	20.00	2.81	4.06	5.62	2.88	20.20	20.25	19.25	0.50	
24	32.00	1.81	1.88	26.12	24.00	3.19	4.38	5.94	3.25	24.25	24.25	23.25	0.50	

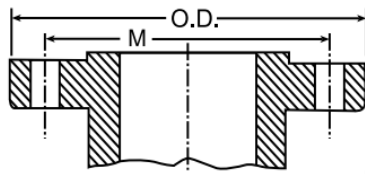
CLASS 150 FLANGE WEIGHTS

PROVIDED BY WELDBEND CATALOG

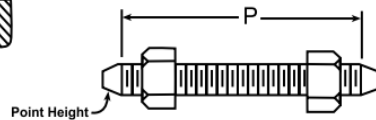
CLASS 150					
Pipe Size	Outside Diameter	Threaded & Slip-on	Weld Neck	Blind	Lap Joint
	O.D.				
ASME B16.5					
½	3.50	2.00	2.00	2.00	1.00
¾	3.88	2.00	2.00	2.00	2.00
1	4.25	2.00	3.00	2.00	2.00
1 ¼	4.62	3.00	3.00	3.00	3.00
1 ½	5.00	3.00	4.00	4.00	3.00
2	6.00	5.00	6.00	5.00	5.00
2 ½	7.00	8.00	10.00	7.00	8.00
3	7.50	9.00	11.50	9.00	9.00
3 ½	8.50	12.00	12.00	13.00	11.00
4	9.00	13.00	16.50	17.00	13.00
5	10.00	15.00	21.00	20.00	15.00
6	11.00	19.00	26.00	27.00	19.00
8	13.50	30.00	42.00	47.00	30.00
10	16.00	43.00	54.00	70.00	43.00
12	19.00	64.00	88.00	123.00	64.00
14	21.00	90.00	114.00	140.00	105.00
16	23.50	106.00	140.00	180.00	140.00
18	25.00	130.00	165.00	220.00	160.00
20	27.50	165.00	197.00	285.00	195.00
24	32.00	220.00	268.00	430.00	275.00

CLASS 300 FLANGE BOLT PATTERN AND LENGTH

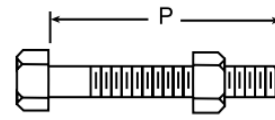
PROVIDED BY WELDBEND CATALOG



Flange



Stud Bolt



Machine Bolt

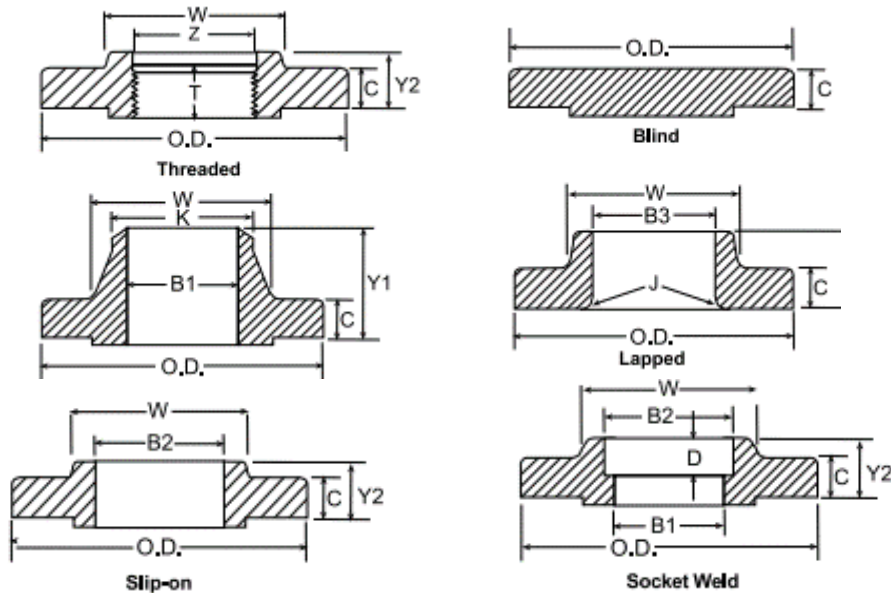
Bolting Pattern and Bolt Lengths								
Pipe Size	Outside Diameter	Drilling				Length of Bolts		
		Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolt Holes	Diameter of Bolts	Stud Bolts Raised Face 0.06 in.	Stud Bolts Ring Joint	Machine Bolts Raised Face 0.06 in.
	O.D.	M				P	P	P

ASME B16.5

1/2	3.75	2.62	5/8	4	1/2	2.50	3.00	2.25
3/4	4.62	3.25	3/4	4	5/8	3.00	3.50	2.50
1	4.88	3.50	3/4	4	5/8	3.00	3.50	2.50
1 1/4	5.25	3.88	3/4	4	5/8	3.25	3.75	2.75
1 1/2	6.12	4.50	7/8	4	3/4	3.50	4.00	3.00
2	6.50	5.00	3/4	8	5/8	3.50	4.00	3.00
2 1/2	7.50	5.88	7/8	8	3/4	4.00	4.50	3.25
3	8.25	6.62	7/8	8	3/4	4.25	4.75	3.50
3 1/2	9.00	7.25	7/8	8	3/4	4.25	5.00	3.75
4	10.00	7.88	7/8	8	3/4	4.50	5.00	3.75
5	11.00	9.25	7/8	8	3/4	4.75	5.25	4.25
6	12.50	10.62	7/8	12	3/4	4.75	5.50	4.25
8	15.00	13.00	1	12	7/8	5.50	6.00	4.75
10	17.50	15.25	1 1/8	16	1	6.25	6.75	5.50
12	20.50	17.75	1 1/4	16	1 1/8	6.75	7.25	5.75
14	23.00	20.25	1 1/4	20	1 1/8	7.00	7.50	6.25
16	25.50	22.50	1 3/8	20	1 1/4	7.50	8.00	6.50
18	28.00	24.75	1 3/8	24	1 1/4	7.75	8.25	6.75
20	30.50	27.00	1 3/8	24	1 1/4	8.00	8.75	7.25
24	36.00	32.00	1 5/8	24	1 1/2	9.00	10.00	8.00

CLASS 300 FLANGE DIMENSIONS

PROVIDED BY WELDBEND CATALOG



Pipe Size	Outside Diameter of Flange	Thickness of Flange (Min.)	Thickness of Lap Joint (Min.)	Diameter of Hub*	Diameter of Weld Neck	Length Through Hub			Thread Length (Min.)	Bore			Lap Joint Radius	Min. Counter Bore Threaded Flange	Depth of Socket
						Threaded, Slip-on & Socket Weld	Lap Joint	Weld Neck		Slip-on & Socket Weld (Min.)	Lap Joint (Min.)	Weld Neck & Socket Weld			
	O.D.	C	C	W	K	Y2	Y3	Y1	T	B2	B3	B1 ▲	J	Z	D

ASME B16.5

½	3.75	0.50	0.56	1.50	0.84	0.81	0.88	2.00	0.62	0.88	0.90	0.62	0.12	0.93	0.38
¾	4.62	0.56	0.62	1.88	1.05	0.94	1.00	2.19	0.62	1.09	1.11	0.82	0.12	1.14	0.44
1	4.88	0.62	0.69	2.12	1.32	1.00	1.06	2.38	0.69	1.36	1.38	1.05	0.12	1.41	0.50
1 ¼	5.25	0.69	0.75	2.50	1.66	1.00	1.06	2.50	0.81	1.70	1.72	1.38	0.19	1.75	0.56
1 ½	6.12	0.75	0.81	2.75	1.90	1.13	1.19	2.63	0.88	1.95	1.97	1.61	0.25	1.98	0.62
2	6.50	0.81	0.88	3.31	2.38	1.25	1.31	2.69	1.12	2.44	2.46	2.07	0.31	2.50	0.69
2 ½	7.50	0.94	1.00	3.94	2.88	1.44	1.50	2.94	1.25	2.94	2.97	2.47	0.31	3.00	0.75
3	8.25	1.06	1.12	4.62	3.50	1.63	1.69	3.06	1.25	3.57	3.60	3.07	0.38	3.63	0.81
3 ½	9.00	1.12	1.19	5.25	4.00	1.69	1.75	3.13	1.44	4.07	4.10	3.55	0.38	4.13	
4	10.00	1.19	1.25	5.75	4.50	1.82	1.88	3.32	1.44	4.57	4.60	4.03	0.44	4.63	
5	11.00	1.31	1.38	7.00	5.56	1.94	2.00	3.82	1.69	5.66	5.69	5.05	0.44	5.69	
6	12.50	1.38	1.44	8.12	6.63	2.00	2.06	3.82	1.81	6.72	6.75	6.07	0.50	6.75	
8	15.00	1.56	1.62	10.25	8.63	2.38	2.44	4.32	2.00	8.72	8.75	7.98	0.50	8.75	
10	17.50	1.81	1.88	12.62	10.75	2.56	3.75	4.56	2.19	10.88	10.92	10.02	0.50	10.88	
12	20.50	1.94	2.00	14.75	12.75	2.82	4.00	5.06	2.38	12.88	12.92	12.00	0.50	12.94	
14	23.00	2.06	2.12	16.75	14.00	2.94	4.38	5.56	2.50	14.14	14.18	13.25	0.50	14.19	
16	25.50	2.19	2.25	19.00	16.00	3.19	4.75	5.69	2.69	16.16	16.19	15.25	0.50	16.19	
18	28.00	2.31	2.38	21.00	18.00	3.44	5.12	6.19	2.75	18.18	18.20	17.25	0.50	18.19	
20	30.50	2.44	2.50	23.12	20.00	3.69	5.50	6.32	2.88	20.20	20.25	19.25	0.50	20.19	
24	36.00	2.69	2.75	27.62	24.00	4.13	6.00	6.56	3.25	24.25	24.25	23.25	0.50	24.19	

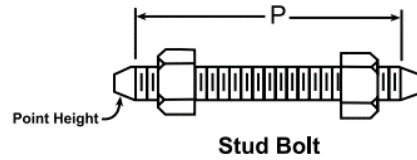
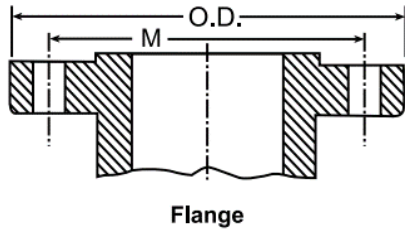
CLASS 300 FLANGE WEIGHTS

PROVIDED BY WELD BEND CATALOG

CLASS 300					
Pipe Size	Outside Diameter	Threaded & Slip-on	Weld Neck	Blind	Lap Joint
	O.D.				
ASME B16.5					
½	3.75	3.00	2.00	2.00	2.00
¾	4.62	3.00	3.00	3.00	3.00
1	4.88	3.00	4.00	4.00	3.00
1 ¼	5.25	4.50	5.00	6.00	4.50
1 ½	6.12	6.50	7.00	7.00	6.50
2	6.50	7.00	9.00	8.00	7.00
2 ½	7.50	10.00	12.00	12.00	10.00
3	8.25	14.00	18.00	16.00	14.00
3 ½	9.00	17.00	20.00	21.00	17.00
4	10.00	24.00	26.50	28.00	24.00
5	11.00	31.00	36.00	37.00	28.00
6	12.50	39.00	45.00	50.00	39.00
8	15.00	58.00	69.00	81.00	58.00
10	17.50	81.00	100.00	124.00	91.00
12	20.50	115.00	142.00	185.00	140.00
14	23.00	165.00	206.00	250.00	190.00
16	25.50	220.00	250.00	315.00	234.00
18	28.00	280.00	320.00	415.00	305.00
20	30.50	325.00	400.00	515.00	375.00
24	36.00	490.00	580.00	800.00	550.00

CLASS 600 FLANGE BOLT PATTERN & LENGTH

PROVIDED BY WELDBEND CATALOG



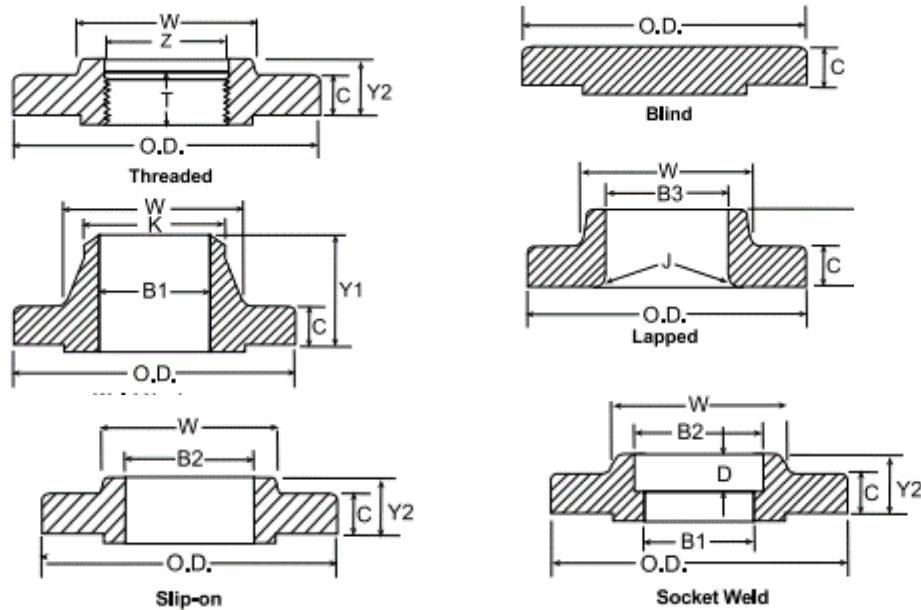
Bolting Pattern and Bolt Lengths								
Pipe Size	Outside Diameter	Drilling				Length of Bolts		
		Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolt Holes	Diameter of Bolts	Raised Face 0.25 in.	Male & Female / Tongue & Groove	Ring Joint
	O.D.	M				P	P	P

ASME B16.5

1/2	3.75	2.62	5/8	4	1/2	3.00	2.75	3.00
3/4	4.62	3.25	3/4	4	5/8	3.50	3.25	3.50
1	4.88	3.50	3/4	4	5/8	3.50	3.25	3.50
1 1/4	5.25	3.88	3/4	4	5/8	3.75	3.50	3.75
1 1/2	6.12	4.50	7/8	4	3/4	4.25	4.00	4.25
2	6.50	5.00	3/4	8	5/8	4.25	4.00	4.25
2 1/2	7.50	5.88	7/8	8	3/4	4.75	4.50	4.75
3	8.25	6.62	7/8	8	3/4	5.00	4.75	5.00
3 1/2	9.00	7.25	1	8	7/8	5.50	5.25	5.50
4	10.75	8.50	1	8	7/8	5.75	5.50	5.75
5	13.00	10.50	1 1/8	8	1	6.50	6.25	6.50
6	14.00	11.50	1 1/8	12	1	6.75	6.50	6.75
8	16.50	13.75	1 1/4	12	1 1/8	7.50	7.25	7.75
10	20.00	17.00	1 3/8	16	1 1/4	8.50	8.25	8.50
12	22.00	19.25	1 3/8	20	1 1/4	8.75	8.50	8.75
14	23.75	20.75	1 1/2	20	1 3/8	9.25	9.00	9.25
16	27.00	23.75	1 5/8	20	1 1/2	10.00	9.75	10.00
18	29.25	25.75	1 3/4	20	1 5/8	10.75	10.50	10.75
20	32.00	28.50	1 3/4	24	1 5/8	11.25	11.00	11.50
24	37.00	33.00	2	24	1 7/8	13.00	12.75	13.25

CLASS 600 FLANGE DIMENSIONS

PROVIDED BY WELDBEND CATALOG



Pipe Size	Outside Diameter of Flange	Thickness of Flange (Min.)	Diameter of Hub*	Diameter of Weld Neck	Length Through Hub			Thread Length (Min.)	Bore			Lapped Flange Radius	Min. Counter Bore Threaded Flange	Depth of Socket
					Threaded, Slip-on & Socket Weld	Lap Joint	Weld Neck		Slip-on & Socket Weld (Min.)	Lap Joint (Min.)	Weld Neck & Socket Weld			
	O.D.	C	W	K	Y2	Y3	Y1	T	B2	B3	B1 ▲	J	Z	D

ASME B16.5

½	3.75	0.56	1.50	0.84	0.88	0.88	2.06	0.62	0.88	0.90	.55	0.12	0.93	0.38
¾	4.62	0.62	1.88	1.05	1.00	1.00	2.25	0.62	1.09	1.11	.74	0.12	1.14	0.44
1	4.88	0.69	2.12	1.32	1.06	1.06	2.44	0.69	1.36	1.38	.96	0.12	1.41	0.50
1 ¼	5.25	0.81	2.50	1.66	1.12	1.12	2.62	0.81	1.70	1.72	1.28	0.19	1.75	0.56
1 ½	6.12	0.88	2.75	1.90	1.25	1.25	2.75	0.88	1.95	1.97	1.50	0.25	1.99	0.62
2	6.50	1.00	3.31	2.38	1.44	1.44	2.88	1.12	2.44	2.46	1.94	0.31	2.50	0.69
2 ½	7.50	1.12	3.94	2.88	1.62	1.62	3.12	1.25	2.94	2.97	2.32	0.31	3.00	0.75
3	8.25	1.25	4.62	3.50	1.81	1.81	3.25	1.38	3.57	3.60	2.90	0.38	3.63	0.81
3 ½	9.00	1.38	5.25	4.00	1.94	1.94	3.38	1.56	4.07	4.10	3.36	0.38	4.13	
4	10.75	1.50	6.00	4.50	2.12	2.12	4.00	1.62	4.57	4.60	3.83	0.44	4.63	
5	13.00	1.75	7.44	5.56	2.38	2.38	4.50	1.88	5.66	5.69	4.81	0.44	5.69	
6	14.00	1.88	8.75	6.63	2.62	2.62	4.62	2.00	6.72	6.75	5.76	0.50	6.75	
8	16.50	2.19	10.75	8.63	3.00	3.00	5.25	2.25	8.72	8.75	7.63	0.50	8.75	
10	20.00	2.50	13.50	10.75	3.38	4.38	6.00	2.56	10.88	10.92	9.75	0.50	10.88	
12	22.00	2.62	15.75	12.75	3.62	4.62	6.12	2.75	12.88	12.92	11.75	0.50	12.94	
14	23.75	2.75	17.00	14.00	3.69	5.00	6.50	2.88	14.14	14.18	13.00	0.50	14.19	
16	27.00	3.00	19.50	16.00	4.19	5.50	7.00	3.06	16.16	16.19	15.00	0.50	16.19	
18	29.25	3.25	21.50	18.00	4.62	6.00	7.25	3.12	18.18	18.20	17.00	0.50	18.19	
20	32.00	3.50	24.00	20.00	5.00	6.50	7.50	3.25	20.20	20.25	19.00	0.50	20.19	
24	37.00	4.00	28.25	24.00	5.50	7.25	8.00	3.62	24.25	24.25	23.00	0.50	24.19	

CLASS 600 FLANGE WEIGHTS

PROVIDED BY WELDBEND CATALOG

CLASS 600					
Pipe Size	Outside Diameter	Threaded & Slip-on	Weld Neck	Blind	Lap Joint
	O.D.				
ASME B16.5					
½	3.75	2.00	3.00	3.00	2.00
¾	4.62	3.00	4.00	4.00	3.00
1	4.88	4.00	4.00	4.00	4.00
1 ¼	5.25	5.00	6.00	6.00	5.00
1 ½	6.12	7.00	8.00	8.00	7.00
2	6.50	9.00	12.00	10.00	9.00
2 ½	7.50	13.00	18.00	15.00	12.00
3	8.25	16.00	23.00	20.00	15.00
3 ½	9.00	21.00	26.00	29.00	20.00
4	10.75	37.00	42.00	41.00	36.00
5	13.00	63.00	68.00	68.00	63.00
6	14.00	80.00	81.00	86.00	78.00
8	16.50	115.00	120.00	140.00	112.00
10	20.00	177.00	190.00	231.00	195.00
12	22.00	215.00	226.00	295.00	240.00
14	23.75	259.00	347.00	378.00	290.00
16	27.00	366.00	481.00	527.00	400.00
18	29.25	476.00	555.00	665.00	469.00
20	32.00	612.00	690.00	855.00	604.00
24	37.00	876.00	977.00	1250.00	866.00

CARBON STEEL FLANGES



JABO SUPPLY SINCE 1964 SERVICE IS MORE THAN A PROMISE
(304)-736-8333



JABO SUPPLY CORPORATION

FLANGE PACKS



GASKETS / BOLTS & NUTS

JABO SUPPLY



5 LOCATIONS

PARKERSBURG, WV

10085 Emerson Avenue 26102
(304) 464-4400

MORGANFIELD, KY

118 Jim Veatch Road, 42437
(270) 389-3430

HUNTINGTON, WV

209 Braley Street, 25705
(304) 736-8333

NORTON, VA


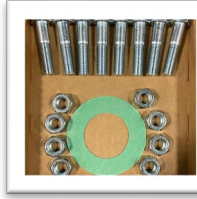

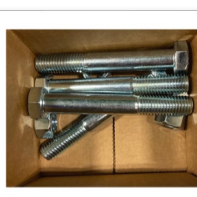









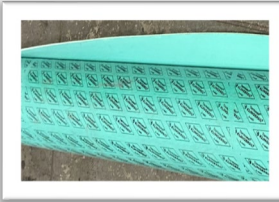
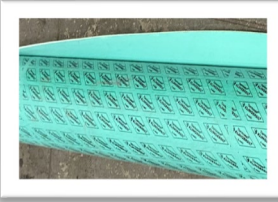
205 Hawthorne Drive, 24273
(276) 679-1224

BEAVER, WV (BECKLEY)

227 C&O Shop Road 25813
(304-252-0000

SINCE 1964 SERVICE IS MORE THAN A PROMISE

PICTURE INDEX

FLANGE PACKS	CLASS 150 RF 1/16"	CLASS 300 RF 1/16"	150 BUTTERFLY VALVE
FLANGE PACKS			FLANGE PACKS FOR BUTTERFLY VALVES
	PAGE 215	PAGE 215	CALL JABO SUPPLY
#150 LUG	#150 WAFER	GASKET	RED RUBBER RING 1/16"
LUG STYLE 	WAFER STYLE 	RED RUBBER	
PAGE 216	PAGE 216		PAGE 217
FULL FACE 1/8"	FULL FACE 1/16"	GASKET	#150 RING 1/16"
		NON ASBESTOS	
PAGE 217	PAGE 217		PAGE 218
#15 RING 1/8"	#300 RING 1/16"	#150 FULL FACE	GASKET
			GASKET MATERIAL
PAGE 218	PAGE 218	PAGE 218	
RED RUBBER 1/16"	RED RUBBER 1/8"	NON ASBESTOS 1/16"	NON ASBESTOS 1/8"
			
PAGE 219	PAGE 219	PAGE 219	PAGE 219

PICTURE INDEX

GASKET	#150 1/8"	GASKET	#150 SS 304
BLACK NEOPRENE		SPIRASEAL	
	PAGE 220	PAGE 220	PAGE 220
#300 304SS	#150 316SS	#300 SS	GASKET
			SPIRAL WOUND
PAGE 220	PAGE 220	PAGE 220	
#150 1/8"	#300 /# 600	GASKET	INSULATOR
		INSULATOR NEOPRENE	
PAGE 221	PAGE 221		PAGE 222
GASKET	#150 TEFLON	GASKET	SANTOPRENE
TEFLON		SANTOPRENE	
	PAGE 222		PAGE 223-224
BOLTS / STUDS / NUTS	FLANGE BOLT PATTERNS	CALL JABO SUPPLY (304) 736-8333	
BOLTS / STUDS/ NUTS	SPECIFICATONS		
PAGE 1225-227			

FLANGE PACKS

CLASS 150 & 300 FLANGE PACKS

Flange Packs only bolt to the same class flanges (150# to 150#) (300# to 300#)

150#

RING GASKET

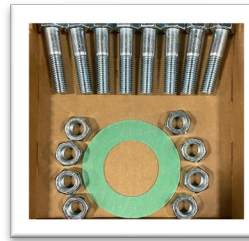
1/16"



300#

RING GASKET

1/16"



**FLANGE PACKS WILL
NOT WORK IF
BOLTING TO VALVE**

JABO PART#	FLANGE SIZE	JABO PART#	FLANGE SIZE
*	1/2"	*	1/2"
*	3/4"	*	3/4"
*	1"	*	1"
*	1-1/4"	*	1-1/4"
952-20080	1-1/2"	*	1-1/2"
952-20100	2"	952-21120	2"
952-20120	2-1/2"	952-21140	2-1/2"
952-20140	3"	952-21160	3"
*	3-1/2"	*	3-1/2"
952-20160	4"	952-21180	4"
952-20180	5"	952-21200	5"
952-20200	6"	952-21220	6"
952-20220	8"	952-21240	8"
952-20240	10"	952-21260	10"
952-20260	12"	952-21280	12"
*	14"	*	14"
*	16"	*	16"
*	18"	*	18"
*	20"	*	20"
*	24"	*	24"
*NON STOCK CALL JABO		*NON STOCK CALL JABO	

FLANGE PACKS

BOLTING 150 LB FLANGE TO BUTTERFLY VALVE

150# LUG STYLE

RING
1/16"

LUG STYLE HAS THREADED LUGS ON THEIR FLANGES FOR BOLT CONNECTIONS. THIS DESIGN MAKES THEM PERFECT FOR END-OF-LINE SERVICE APPLICATIONS

150# WAFER STYLE

RING
1/16"

WAFER STYLE BUTTERFLY VALVES LACK LUGS AND INSTEAD FEATURE FOUR HOLES THAT ALIGN WITH PIPE FLANGES




JABO PART#	VALVE SIZE	BOLT SIZE / LENGTH	JABO PART#	VALVE SIZE	BOLT SIZE/LENGT
*	2"	*	952-23020	2"	5/8"X4-1/2"
952-22030	2-1/2"	5/8"X1-1/2"	952-23020	2-1/2"	5/8"X4-1/2"
952-22030	3"	5/8"X1-1/2"	952-23020	3"	5/8"X4-1/2"
952-22040	4"	5/8"X1-3/4"	952-23040	4"	5/8"X5"
952-22060	6"	3/4"X2"	952-23068	6"	3/4"X6"
952-22080	8"	3/4"X2-1/4"	952-23068	8"	3/4"X6"
952-22100	10"	7/8"X2-1/4"	952-23102	10"	7/8"X7"
952-22120	12"	7/8"X2-1/2"	952-23102	12"	7/8"X7"
SAME PACK FITS 2-1/2"-3"			SAME PACK FITS 2"-3", 6"-8", 10"-12"		
Lug pack are shorter and more			Wafer pack are longer bolts and nuts.		
2-1/2" Shown above			2-1/2" Shown above		
*NON STOCK CALL JABO			*NON STOCK CALL JABO		

GASKETS

RED RUBBER RING / FULL FACE
GASKETS & BOLTS SOLD SEPERATELY

150# RED RUBBER**RING GASKET****1/16"****150# RED RUBBER 1/8"****FULL FACE****1/8"****150# RED RUBBER 1/8"****FULL FACE****1/16"****RING TYPE GASKET**

Ring type gaskets have no bolts holes. These gaskets are positioned inside the flange bolts and around the pipe bore and are typically used on raised face flanges . When used on a raised face flange, the ring gasket is positioned on top of the raised surface of the flange.

					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
*	1/2"	*	1/2"	*	1/2"
*	3/4"	*	3/4"	*	3/4"
*	1"	*	1"	*	1"
*	1-1/4"	*	1-1/4"	*	1-1/4"
958-64840	1-1/2"	*	1-1/2"	*	1-1/2"
958-64850	2"	958-64010	2"	*	2"
958-64860	2-1/2"	958-64020	2-1/2"	*	2-1/2"
958-64870	3"	958-64030	3"	958-64035	3"
*	3-1/2"	*	3-1/2"	*	3-1/2"
958-64890	4"	958-64040	4"	858-64045	4"
958-64900	5"	*	5"	*	5"
958-64910	6"	958-64060	6"	958-64065	6"
958-64920	8"	958-64080	8"	958-64088	8"
958-64930	10"	958-64100	10"	958-64101	10"
958-64940	12"	*	12"	958-64120	12"
*	14"	*	14"	958-64140	14"
*	16"	*	16"	958-64160	16"
*	18"	*	18"	*	18"
*	20"	*	20"	*	20"
*	24"	*	24"	*	24"
*NON STOCK CALL JABO		*NON STOCK CALL JABO		*NON STOCK CALL JABO	

GASKETS

NON ASBESTOS GASKETS

GASKETS & BOLTS SOLD SEPERATELY

150# NON ASBESTOS

RING GASKET

1/16"



150# NON ASBESTOS

RING GASKET

1/8"



300# NON ASBESTOS

RING GASKET

1/16"



150# NON ASBESTOS

FULL FACE

1/16"



JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
958-65300	1/2"	*	1/2"	*	1/2"	*	1/2"
958-65310	3/4"	*	3/4"	958-65180	3/4"	*	3/4"
958-65320	1"	*	1"	958-65190	1"	*	1"
958-65330	1-1/4"	*	1-1/4"	958-65200	1-1/4"	*	1-1/4"
958-65340	1-1/2"	*	1-1/2"	958-65210	1-1/2"	958-65500	1-1/2"
958-65350	2"	958-65351	2"	958-65220	2"	958-65510	2"
958-65360	2-1/2"	*	2-1/2"	958-65230	2-1/2"	958-65520	2-1/2"
958-65370	3"	958-65371	3"	958-65240	3"	958-65530	3"
*	3-1/2"	*	3-1/2"	*	3-1/2"	*	3-1/2"
958-65390	4"	958-65391	4"	958-65250	4"	958-65550	4"
958-65400	5"	*	5"	*	5"	958-65560	5"
958-65410	6"	958-65411	6"	958-65270	6"	958-65570	6"
958-65420	8"	958-65421	8"	958-65280	8"	958-65580	8"
958-65430	10"	958-65431	10"	958-65290	10"	958-65590	10"
958-65440	12"	958-65441	12"	*	12"	958-65600	12"
958-65450	14"	*	14"	*	14"	*	14"
958-65460	16"	*	16"	*	16"	*	16"
958-65470	18"	*	18"	*	18"	*	18"
958-65480	20"	*	20"	*	20"	*	20"
958-65490	24"	*	24"	*	24"	*	24"
*NON STOCK CALL JABO							

GASKETS**RED RUBBER/ NON ASBESTOS GASKET MATERIAL**

GASKETS & BOLTS SOLD SEPERATELY

**RED RUBBER GASKET
MATERIAL****1/16" & 1/8"****NON ASBESTOS GASKET
MATERIAL****1/16" & 1/8"**

JABO PART#	SIZE	JABO PART#	SIZE
958-65810	1/16"	958-65870	1/16"
958-65820	1/8"	958-65880	1/8"

SOLD BY SQ. FT.

GASKETS

BLACK NEOPRENE & SPIRASEAL

GASKETS & BOLTS SOLD SEPERATELY

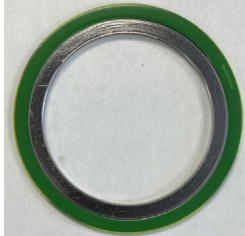
#150 NEOPRENE

1/8"



#150 SPIRASEAL

304 SS



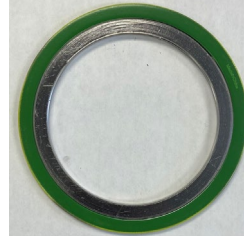
300# SPIRASEAL

304 SS



#150 SPIRASEAL

316 SS



#300 SPIRASEAL

316 SS



JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
*	1/2"	958-67000	1/2"	958-68000	1/2"	*	1/2"	*	1/2"
*	3/4"	958-67010	3/4"	958-68100	3/4"	*	3/4"	*	3/4"
958-66060	1"	958-67020	1"	958-68200	1"	*	1"	*	1"
958-66120	1-1/4"	958-67030	1-1/4"	958-68300	1-1/4"	*	1-1/4"	*	1-1/4"
958-66140	1-1/2"	958-67040	1-1/2"	958-68400	1-1/2"	*	1-1/2"	*	1-1/2"
*	2"	958-67050	2"	958-68500	2"	958-69820	2"	958-69920	2"
*	2-1/2"	958-67060	2-1/2"	958-68600	2-1/2"	*	2-1/2"	*	2-1/2"
958-66160	3"	958-67070	3"	958-68700	3"	958-69830	3"	958-69930	3"
*	3-1/2"	*	3-1/2"	*	3-1/2"	*	3-1/2"	*	3-1/2"
958-66180	4"	958-67090	4"	958-68900	4"	958-69840	4"	958-69940	4"
*	5"	*	5"	*	5"	*	5"	*	5"
958-66200	6"	958-67120	6"	958-69200	6"	958-69860	6"	958-69960	6"
958-66220	8"	958-67130	8"	958-69300	8"	*	8"	*	8"
958-66240	10"	958-67140	10"	958-69400	10"	*	10"	*	10"
*	12"	958-67150	12"	958-69500	12"	*	12"	*	12"
*	14"	*	14"	*	14"	*	14"	*	14"
*	16"	*	16"	*	16"	*	16"	*	16"
*	18"	*	18"	*	18"	*	18"	*	18"
*	20"	*	20"	*	20"	*	20"	*	20"
*	24"	*	24"	*	24"	*	24"	*	24"
*NON STOCK CALL JABO		*NON STOCK CALL JABO		*NON STOCK CALL JABO		*NON STOCK CALL JABO		*NON STOCK CALL JABO	
<i>General Purpose</i>		<i>Good for Higher Pressure & Temp</i>		<i>Good for Higher Pressure & Temp</i>		<i>Good for Higher Pressure & Temp</i>		<i>Good for Higher Pressure & Temp</i>	

*BLACK NITRILE

Recommended for service to resist many hydrocarbons, fats, oils, greases, hydraulic fluids and chemicals.

*NON STOCK CALL JABO SUPPLY

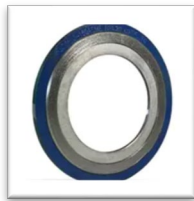
GASKETS

SPIRAL WOUND GASKETS

GASKETS & BOLTS SOLD SEPERATELY

SPIRAL WOUND GASKET 316 SS
INNER RING, 316 SS WINDING,
FLEXIBLE GRAPHITE FILLER,
CARBON STEEL OUTER RING

#150
1/8"



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
958-69700	2"
*	2-1/2"
958-69703	3"
*	3-1/2"
958-69704	4"
*	5"
958-69706	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO	

SPIRAL WOUND GASKET 316 SS
INNER RING, 316 SS WINDING,
FLEXIBLE GRAPHITE FILLER, CARBON
STEEL OUTER RING

#300 / #600
1/8"



JABO PART#	SIZE
*	1/2"
*	3/4"
*	1"
*	1-1/4"
*	1-1/2"
*	2"
*	2-1/2"
958-69714	3"
*	3-1/2"
958-69716	4"
*	5"
958-69717	6"
*	8"
*	10"
*	12"
*	14"
*	16"
*	18"
*	20"
*	24"
*NON STOCK CALL JABO	

GOOD FOR STEAM

GASKETS

INSULATOR NEOPRENE / TEFLON/ SANTOPRENE

GASKETS & BOLTS SOLD SEPERATELY

**150 DW E FLG
INSULATOR NEO****150 CRT TEFLON
ENVELOPE GSKT****SANTOPRENE GASKET**

							
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART #	SIZE		
*	1/2"	958-80000	1/2"	958-59999	1-1/2"		
*	3/4"	958-80020	3/4"	958-60000	1-1/2 1.625X2.33		
*	1"	*	1"	958-60002	2"		
*	1-1/4"	*	1-1/4"	958-60003	3"		
*	1-1/2"	958-80060	1-1/2"	958-60004	3" 3.0X3.89		
958-70000	2"	958-80080	2"	958-60020	5" RAILCAR		
958-70050	2-1/2"	*	2-1/2"	*NON STOCK CALL JABO			
958-70100	3"	958-80100	3"				
*	3-1/2"	*	3-1/2"				
958-70120	4"	958-80120	4"				
958-70130	5"	*	5"				
958-70140	6"	958-80140	6"				
*	8"	*	8"				
*	10"	*	10"				
*	12"	*	12"				
*	14"	*	14"				
*	16"	*	16"				
*	18"	*	18"				
*	20"	*	20"				
*	24"	*	24"				
*NON STOCK CALL JABO		*NON STOCK CALL JABO					
DIELECTRIC		GOOD FOR CHEMICALS					

BOLTS / NUTS

GASKETS & BOLTS SOLD SEPERATELY

HEX HEAD MACHINE BOLTS

GRADE 5 PLAIN STD		
JABO PART#	SIZE	LENGTH
952-48800	1/2"	X 2"
952-49000		X 2-1/4"
952-49160		X 2-1/2"
952-49163		2"X 4"
952-49165	5/8"	X 1-1/2"
952-49170		X 2"
952-49180		X 2-1/2"
952-49340		X 2-3/4"
952-49520		X 3"
952-49530		X 3-1/2"
952-49532		X 4"
952-49533		X 4-1/2"
952-49534		X 5"
952-49535		X 6"
952-49536	3/4"	X 1-3/4"
952-49537		X 2"
952-49538		X 2-1/2"
952-49540		X 3"
952-49880		X 3-1/2"
952-49890		X 4"
952-49900		X 4-1/2"
952-49910		X 5"
952-49920		X 5-1/2"
952-49940		X 6"
952-49950		X 7"
952-50010	7/8"	X 2-1/2"
952-50020		X 3-3/4"
952-50040		X 4"
952-50050		X 5"
952-50060		X 6"
952-50080		X 7"
952-50090		X 8"
952-50200	1"	X 2-1/2"
952-50220		X 4"
952-50250		X 5"

PLAIN HEAVY HEX NUT

STD NUTS	
JABO PART#	SIZE
952-65940	1/4"
952-65960	3/8"
952-65980	1/2"
952-66000	5/8"
952-66020	3/4"
952-66040	7/8"
952-66060	1"

PLAIN FLAT WASHER

STD WASHER	
JABO PART#	SIZE
952-76200	1/4"
952-76220	3/8"
952-76240	1/2 "
952-76260	5/8"
952-76280	3/4"
952-76300	7/8"
952-76320	1"

JABO STOCKING BOLTS ARE COARSE THREADS

STOCKING BOLTS WILL WORK WITH VALVES UP TO 16" 150 LB FLANGE (BOLTS FOR LARGER VALVE 18" AND ABOVE ARE NON STOCK)

Bolt Size	Threads Per Inch (TPI)		
	Coarse	Fine	B7
	UNC	UNF	
1/4"	20	28	20
5/16"	18	24	18
3/8"	16	24	16
7/16"	14	20	14
1/2"	13	20	13
9/16"	12	18	12
5/8"	11	18	11
3/4"	10	16	10
7/8"	9	14	9
1"	8	12*	8
1-1/8"	7	12	7
1-1/4"	7	12	7
1-1/2"	6	12	6

STUD BOLTS , NUTS

GASKETS & BOLTS SOLD SEPERATELY

B7 STUD BOLT

STUD ONLY		
JABO PART#	SIZE	LENGTH
952-74050	1/2"	X2-1/2"
952-74100		X3"
952-74150		X3-1/2"
952-74250	5/8"	X3"
952-74300		X3-1/2"
952-74350		X4"
952-74400		X4-1/2"
952-74450		X5"
952-74500		X6"
952-74510		X7"
952-74520	3/4"	X3-1/2"
952-74550		X4"
952-74650		X4-1/2"
952-74750		X5"
952-74800		X6"
952-74850		X7"
952-74900	7/8"	X4-1/2"
952-74950		X5-1/2"
952-75000		X6"
952-75040	1"	X5-1/2"
952-75050		X6"
952-75080		X8-1/2"
952-75081		X9"
952-75085		X12"
952-75130	1-1/8"	X 6-1/2"
952-75150		X7-1/2"
952-75155		X12"
952-75199	1-1/4"	X14"
952-75200		"X8-1/2"

GR2-H HEX NUT

HEX NUT ONLY	
JABO PART#	SIZE
952-75300	1/2"
952-75350	5/8"
952-75400	3/4"
952-75450	7/8"
952-75500	1"
952-75520	1-1/8"
952-75540	1-1/4"

Bolt Size	Threads Per Inch (TPI)		
	Coarse	Fine	B7
	UNC	UNF	
1/4"	20	28	20
5/16"	18	24	18
3/8"	16	24	16
7/16"	14	20	14
1/2"	13	20	13
9/16"	12	18	12
5/8"	11	18	11
3/4"	10	16	10
7/8"	9	14	9
1"	8	12*	8
1-1/8"	7	12	7
1-1/4"	7	12	7
1-1/2"	6	12	6

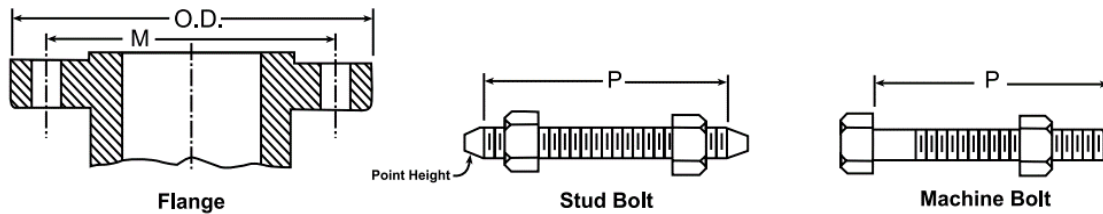
B7 STUD BOLT & 2H NUT

1-Stud , 2 Nuts		
JABO PART#	SIZE	LENGTH
952-75202	3/4"	X4-1/2"
952-75203		X4-1/4"
952-75204		X4-3/4"
952-75205		X5-1/4"
952-75206		X6"
952-75207		X6-1/2"
952-75208		X7"
952-75209		X7-1/2"
952-75210		X4-1/2"
952-75211	5/8"	X4-3/4"
952-75212		X5-1/4"
952-75213		X7"
952-75214		X7-1/4"
952-75215	7/8"	X4-3/4"
952-75216		X5"
952-75217		X6"
952-75218		X6-1/4"
952-75219		X7-1/2"

JABO STOCKING BOLTS ARE COARSE THREADS

STOCKING BOLTS WILL WORK WITH VALVES UP TO 16" 150 LB FLANGE (BOLTS FOR LARGER VALVE 18" AND ABOVE ARE NON STOCK)

CLASS 150 FLANGE BOLT PATTERN AND LENGTH

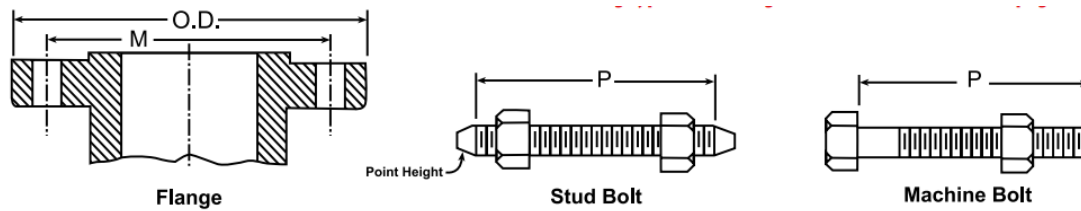


Bolting Pattern and Bolt Lengths								
Pipe Size	Outside Diameter	Drilling				Length of Bolts		
		Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolt Holes	Diameter of Bolts	Stud Bolts Raised Face 0.06 in.	Stud Bolts Ring Joint	Machine Bolts Raised Face 0.06 in.
	O.D.	M				P	P	P

ASME B16.5

1/2	3.50	2.38	5/8	4	1/2	2.25	*	2.00
3/4	3.88	2.75	5/8	4	1/2	2.50	*	2.00
1	4.25	3.12	5/8	4	1/2	2.50	3.00	2.25
1 1/4	4.62	3.50	5/8	4	1/2	2.75	3.25	2.25
1 1/2	5.00	3.88	5/8	4	1/2	2.75	3.25	2.50
2	6.00	4.75	3/4	4	5/8	3.25	3.75	2.75
2 1/2	7.00	5.50	3/4	4	5/8	3.50	4.00	3.00
3	7.50	6.00	3/4	4	5/8	3.50	4.00	3.00
3 1/2	8.50	7.00	3/4	8	5/8	3.50	4.00	3.00
4	9.00	7.50	3/4	8	5/8	3.50	4.00	3.00
5	10.00	8.50	7/8	8	3/4	3.75	4.25	3.25
6	11.00	9.50	7/8	8	3/4	4.00	4.50	3.25
8	13.50	11.75	7/8	8	3/4	4.25	4.75	3.50
10	16.00	14.25	1	12	7/8	4.50	5.00	4.00
12	19.00	17.00	1	12	7/8	4.75	5.25	4.00
14	21.00	18.75	1 1/8	12	1	5.25	5.75	4.50
16	23.50	21.25	1 1/8	16	1	5.25	5.75	4.50
18	25.00	22.75	1 1/4	16	1 1/8	5.75	6.25	5.00
20	27.50	25.00	1 1/4	20	1 1/8	6.25	6.75	5.50
24	32.00	29.50	1 3/8	20	1 1/4	6.75	7.25	6.00

CLASS 300 FLANGE BOLT PATTERN AND LENGTH

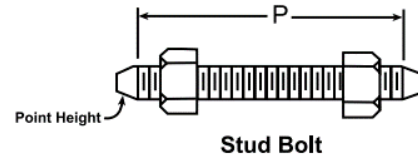
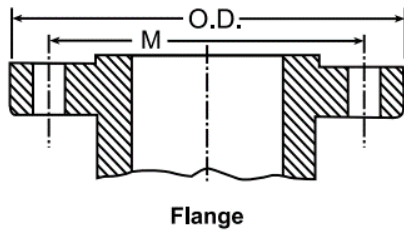


Bolting Pattern and Bolt Lengths								
Pipe Size	Outside Diameter	Drilling				Length of Bolts		
		Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolt Holes	Diameter of Bolts	Stud Bolts Raised Face 0.06 in.	Stud Bolts Ring Joint	Machine Bolts Raised Face 0.06 in.
	O.D.	M				P	P	P

ASME B16.5

1/2	3.75	2.62	5/8	4	1/2	2.50	3.00	2.25
3/4	4.62	3.25	3/4	4	5/8	3.00	3.50	2.50
1	4.88	3.50	3/4	4	5/8	3.00	3.50	2.50
1 1/4	5.25	3.88	3/4	4	5/8	3.25	3.75	2.75
1 1/2	6.12	4.50	7/8	4	3/4	3.50	4.00	3.00
2	6.50	5.00	3/4	8	5/8	3.50	4.00	3.00
2 1/2	7.50	5.88	7/8	8	3/4	4.00	4.50	3.25
3	8.25	6.62	7/8	8	3/4	4.25	4.75	3.50
3 1/2	9.00	7.25	7/8	8	3/4	4.25	5.00	3.75
4	10.00	7.88	7/8	8	3/4	4.50	5.00	3.75
5	11.00	9.25	7/8	8	3/4	4.75	5.25	4.25
6	12.50	10.62	7/8	12	3/4	4.75	5.50	4.25
8	15.00	13.00	1	12	7/8	5.50	6.00	4.75
10	17.50	15.25	1 1/8	16	1	6.25	6.75	5.50
12	20.50	17.75	1 1/4	16	1 1/8	6.75	7.25	5.75
14	23.00	20.25	1 1/4	20	1 1/8	7.00	7.50	6.25
16	25.50	22.50	1 3/8	20	1 1/4	7.50	8.00	6.50
18	28.00	24.75	1 3/8	24	1 1/4	7.75	8.25	6.75
20	30.50	27.00	1 3/8	24	1 1/4	8.00	8.75	7.25
24	36.00	32.00	1 5/8	24	1 1/2	9.00	10.00	8.00

CLASS 600 FLANGE BOLT PATTERN & LENGTH



Bolting Pattern and Bolt Lengths								
Pipe Size	Outside Diameter	Drilling				Length of Bolts		
		Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolt Holes	Diameter of Bolts	Raised Face 0.25 in.	Male & Female / Tongue & Groove	Ring Joint
	O.D.	M				P	P	P

ASME B16.5

1/2	3.75	2.62	5/8	4	1/2	3.00	2.75	3.00
3/4	4.62	3.25	3/4	4	5/8	3.50	3.25	3.50
1	4.88	3.50	3/4	4	5/8	3.50	3.25	3.50
1 1/4	5.25	3.88	3/4	4	5/8	3.75	3.50	3.75
1 1/2	6.12	4.50	7/8	4	3/4	4.25	4.00	4.25
2	6.50	5.00	3/4	8	5/8	4.25	4.00	4.25
2 1/2	7.50	5.88	7/8	8	3/4	4.75	4.50	4.75
3	8.25	6.62	7/8	8	3/4	5.00	4.75	5.00
3 1/2	9.00	7.25	1	8	7/8	5.50	5.25	5.50
4	10.75	8.50	1	8	7/8	5.75	5.50	5.75
5	13.00	10.50	1 1/8	8	1	6.50	6.25	6.50
6	14.00	11.50	1 1/8	12	1	6.75	6.50	6.75
8	16.50	13.75	1 1/4	12	1 1/8	7.50	7.25	7.75
10	20.00	17.00	1 3/8	16	1 1/4	8.50	8.25	8.50
12	22.00	19.25	1 3/8	20	1 1/4	8.75	8.50	8.75
14	23.75	20.75	1 1/2	20	1 3/8	9.25	9.00	9.25
16	27.00	23.75	1 5/8	20	1 1/2	10.00	9.75	10.00
18	29.25	25.75	1 3/4	20	1 5/8	10.75	10.50	10.75
20	32.00	28.50	1 3/4	24	1 5/8	11.25	11.00	11.50
24	37.00	33.00	2	24	1 7/8	13.00	12.75	13.25

FLANGE BOLTING GUIDE FOR 150# KNIFE GATE VALVES

NOTE: While this bolting guide includes information for use of hex head bolts, It is recommends that studs be used on all mounting holes for knife gate valves. Use of studs ensures that the valve will not be damaged during installation.

CAUTION: Dimensions provided for flange bolting are intended only as a guide. Bolt lengths may vary due to manufacturing tolerances in valves, gaskets, flange bolts and flanges.

WARNING: Damage can occur to the valve if improper bolting is used. It is always recommended that studs be used for tapped blind holes typically found in the chest area of the valve. Hex head bolts can bottom out in the tapped hole when fully tightened to the valve, causing damage to the body, liners, and/or blade. Hex head bolts in the chest area must not be used. Improper bolt and stud lengths could result in leakage at the flange resulting in death or serious injury.

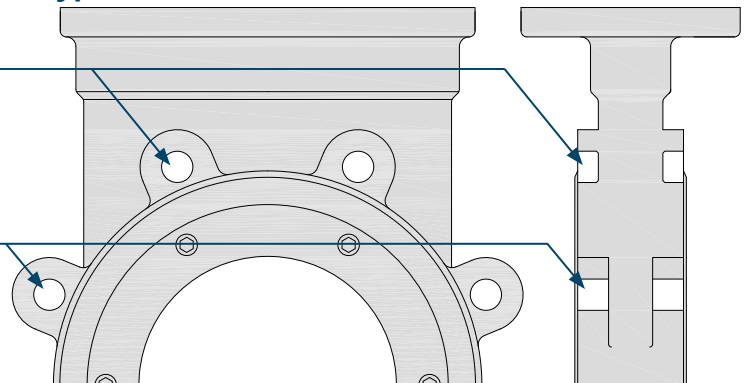
Bolt Hole Types & Locations

Tapped Blind Hole

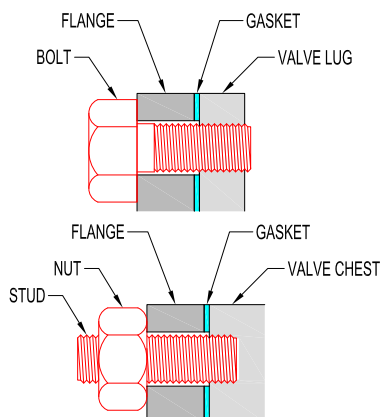
Tapped blind holes are located in the chest area of the valve. Studs must be used in this area to ensure that mechanical force is NOT imparted into the pressure containment area of the valve body, liner of lined valves, or blade.

Tapped Through Hole

Tapped through holes are located in lugs around the perimeter of the valve body. Hex head bolts can be used in this area, but studs are still recommended.



Typical Mounting Configuration



Bolts

Bolts must be threaded completely through to utilize all threads available on lugs or in blind tapped holes.

Gaskets

Use gasket material appropriate to the application.

Washers

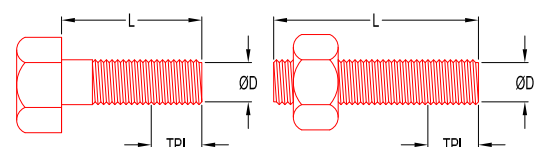
If washers are utilized, bolt or stud length should be adjusted accordingly.

NOTE: Due to castings, machining, and flange thickness tolerances, the body tapped hole depth may vary slightly from valve to valve. It is recommended that all knife gate valves be installed with stainless steel ASTM A-304-B8 studs or ASTM A-316-B-8M studs. The use of carbon steel class B-7 studs may also be considered. When using stainless steel bolting on stainless steel valve bodies, thread lubricant is recommended to prevent galling.

Recommended Bolt Lengths

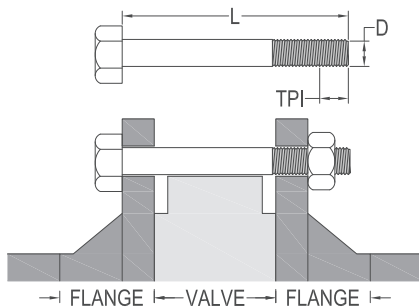
Size	ØD	TPI	L		Qty
			BOLT*	STUD	
2	5/8"	11	1-3/4"	2-3/4"	4
2½	5/8"	11	1-3/4"	2-3/4"	4
3	5/8"	11	1-3/4"	2-3/4"	4
4	5/8"	11	1-3/4"	2-3/4"	8
6	3/4"	10	2"	3"	8
8	3/4"	10	2"	3"	8
10	7/8"	9	2-1/4"	3-1/2"	12
12	7/8"	9	2-1/4"	3-1/2"	12
14	1"	8	2-1/2"	4"	12
16	1"	8	2-5/8"	4-1/4"	16
18	1-1/8"	7	3"	4-3/4"	16
20	1-1/8"	7	3-1/4"	5"	20
24	1-1/4"	7	3-1/2"	5-1/4"	20

* Most manufactures recommends the use of stud bolts only.



FLANGE BOLTING GUIDE FOR FIGURE HP BUTTERFLY VALVES

Wafer Valve & Cap Screws



Size	D	TPI	L	Qty
3	5/8"	11	4-3/4"	8
4	5/8"	11	5"	16
5	3/4"	10	5-1/2"	16
6	3/4"	10	5-1/2"	16
8	3/4"	10	6"	16
10	7/8"	9	6-1/2"	24
12	7/8"	9	7-1/4"	24
14	1"	8	8"	24
16	1"	8	8-1/2"	32
18	1-1/8"	8	9-1/2"	32
20	1-1/8"	8	10-1/4"	32
			2-3/4"	8
24	1-1/4"	8	12"	32
			3-1/4"	8

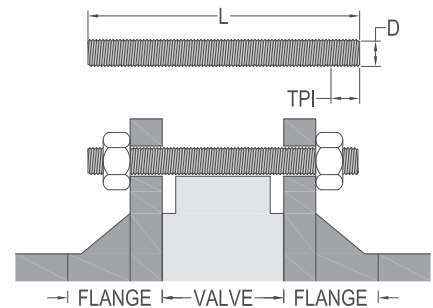
WARNING: Improper bolt and stud lengths could result in leakage at the flange resulting in damage, serious injury, or death.

CAUTION: Dimensions provided for flange bolting are intended only as a guide. Bolt lengths may vary due to manufacturing tolerances in valves, gaskets, flange bolts and flanges.

NOTE: Measurement are designed to fit between ANSI B16.5 class 150 flanges. Lengths are based on the minimum flange thickness of weld neck flanges per ANSI B16.5 and use of standard 1/16" gaskets. Stud lengths also assume heavy hex nut heights per ANSI B18.2.2.

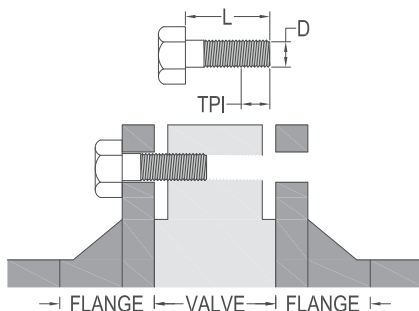
GASKETS: When using metallic spiral wound gaskets, add 1/8" to bolt and stud length dimension L.

Wafer Valve & Stud Bolts



Size	D	TPI	L	Qty
3	5/8"	11	5-3/4"	8
4	5/8"	11	6"	16
5	3/4"	10	6-1/2"	16
6	3/4"	10	6-1/2"	16
8	3/4"	10	7"	16
10	7/8"	9	7-3/4"	24
12	7/8"	9	8-1/4"	24
14	1"	8	9-1/2"	24
16	1"	8	10"	32
18	1-1/8"	8	11"	32
20	1-1/8"	8	11-3/4"	32
			4-1/2"	8
24	1-1/4"	8	13-1/2"	32
			5-1/4"	8

Lug Valve & Cap Screws

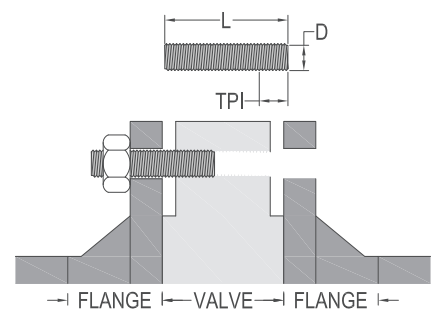


Size	D	TPI	L	Qty
3	5/8"	11	1-3/4"	8
4	5/8"	11	1-7/8"	16
5	3/4"	10	2"	16
6	3/4"	10	2"	16
8	3/4"	10	2-1/4"	16
10	7/8"	9	2-1/2"	24
12	7/8"	9	2-3/4"	24
14	1"	8	3"	24
16	1"	8	2-1/2"	32
18	1-1/8"	8	2-3/4"	32
20	1-1/8"	8	3"	32
			2-3/4"	8
24	1-1/4"	8	3-1/4"	32
			3-1/4"	8

STEM JOURNAL HOLES: The 20" and 24" Wafer and Lug pattern valves have tapped blind holes near the stem journal (upper and lower). These sizes list a second length for these holes only. Standard lengths must be used on all other flange holes.

CALL YOUR JABO CSR WHEN ORDERING A BUTTERFLY VALVE. WE CAN ENSURE THAT WE MATCH UP THE RIGHT FLANGE, GASKET AND BOLTS.

Lug Valve & Stud Bolts



Size	D	TPI	L	Qty
3	5/8"	11	3"	8
4	5/8"	11	3"	16
5	3/4"	10	3-1/4"	16
6	3/4"	10	3-1/4"	16
8	3/4"	10	3-1/2"	16
10	7/8"	9	4"	24
12	7/8"	9	4-1/4"	24
14	1"	8	4-3/4"	24
16	1"	8	4-1/4"	32
18	1-1/8"	8	4-3/4"	32
20	1-1/8"	8	4-3/4"	32
			4-1/2"	8
24	1-1/4"	8	5-1/4"	32
			5-1/4"	8

FLANGE PACKS / GASKETS / BOLTS



JABO SUPPLY SINCE 1964 SERVICE IS MORE THAN A PROMISE
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Most economical and efficient pipe joining solution for Schedules 5 through 80 carbon steel piping systems sized 2"/DN50 and down

- ***Elimates** the need to thread or weld plain end pipe
- *Quick Installation
- *Reusable
- * Each fitting provides a union- This allow for easy assembly and disassembly

The QVSD fittings saves time and money

Avail sizes: 1/2-2"

Pressure Rating UP TO 300 PSI

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*JABO SUPPLY DOES NOT WARRANTY INFORMATION ABOVE SEE VICAULIC WEBSITE FOR MORE INFO

Includes patented "Leak-If-Not-Tightened" technology (at initial installation)




Also for use on 6061-T6 aluminum pipe conforming to ASTM B241 for Schedule 40 only




CALL JABO SUPPLY TODAY AND ASK FOR THE VICTAULIC QVSD FITTINGS




VICTAULIC

QVSD INSTALLATION READY

P07 Coupling		P08 Slip Coupling (Union)		P10 Elbow 90	
STYLE P07 Refer to publication 34.01 		STYLE P08 Refer to publication 34.01 		NO. P10 Refer to publication 34.01 	
Jabo Part #	Size	Jabo Part #	Size	Jabo Part #	Size
104-10000	1/2"	104-10120	1/2"	104-10440	1/2"
104-10020	3/4"	104-10140	3/4"	104-10460	3/4"
104-10040	1"	104-10160	1"	104-10480	1"
104-10060	1-1/4"	104-10180	1-1/4"	104-10500	1-1/4"
104-10080	1-1/2"	104-10200	1-1/2"	104-10520	1-1/2"
104-10100	2"	104-10220	2"	104-10540	2"

P11 Elbow 45		P40 Threaded Adaptor		P80 Threaded Adaptor	
NO. P11 Refer to publication 34.01 		Male Pipe X Plain End NO. P40 Refer to publication 34.01 		Female NPT X Plain End NO. P80 Refer to publication 34.01 	
Jabo Part #	Size	Jabo Part #	Size	Jabo Part #	Size
104-10560	1/2"	104-11200	1/2"	104-11320	1/2"
104-10580	3/4"	104-11220	3/4"	104-11340	3/4"
104-10600	1"	104-11240	1"	104-11360	1"
104-10620	1-1/4"	104-11260	1-1/4"	104-11380	1-1/4"
104-10640	1-1/2"	104-11280	1-1/2"	104-11400	1-1/2"
104-10660	2"	104-11300	2"	104-11420	2"

P20 Tee	Size	
	Run	Branch
NO. P20 Refer to publication 34.01 	104-10680	1/2"
	104-10700	3/4"
	104-10720	1"
	104-10740	1-1/4"
	104-10760	1-1/2"
	104-10780	2"



VICTAULIC

QVSD INSTALLATION READY

P25 Reducing Tee

NO. P25
Refer to publication 34.01



SIZE

Jabo Part #	Run	Branch
104-10800	3/4"	1/2"
104-10820	1"	3/4"
104-10840	1-1/4"	3/4"
104-10860	1-1/4"	1"
104-10880	1-1/2"	3/4"
104-10900	1-1/2"	1"
104-10920	2"	3/4"
104-10940	2"	1"

P50 Reducing Coupling

STYLE P50
Refer to publication 34.01



Jabo Part #	Nom. Pipe Size	
104-10240	3/4"	1/2"
104-10260	1"	3/4"
104-10280	1-1/4"	3/4"
104-10300	1-1/4"	1"
104-10320	1-1/2"	3/4"
104-10340	1-1/2"	1"
104-10360	1-1/2"	1-1/4"
104-10380	2"	1"
104-10400	2"	1-1/4"
104-10420	2"	1-1/2"

P60 Caps (Std/Tapered)

NO. P60
Refer to publication 34.01



Jabo Part #	Size	Type
104-10960	1/2"	Std
104-10980	3/4"	Std
104-11000	1"	Std
104-11020	1-1/4"	Std
104-11040	1-1/2"	Std
104-11060	2"	Std
104-11080	1/2"	Tapered
104-11100	3/4"	Tapered
104-11120	1"	Tapered
104-11140	1-1/4"	Tapered
104-11160	1-1/2"	Tapered
104-11180	2"	Tapered

P89 Ball Valve

SERIES P89
Refer to publication 34.01



Jabo Part #	Size
104-20000	3/4"
104-20010	1"
104-20020	1-1/4"
104-20030	1-1/2"
104-20040	2"



Jabo Part

104-40000

The PC3110 Cut and Mark Tool cuts and marks the pipe simultaneously, leaving two knurled markings on each piece that clearly display proper insertion depth.

**VICTAULIC***QVSD INSTALLATION READY***HOW TO ORDER**

1. Call or email your local Jabo Branch and ask for the QVSD fittings , give size and type of fitting
2. Call or email your Local Jabo Branch , provide the Jabo part number

CONTACT US AT ONE OF THE FOLLOWING LOCATIONS

Location	Address	Phone #
HUNTINGTON WV	5164 Braley Street	(304) 736-8333
BECKLEY WV	227 C&O SHOP RD	(304) 252-0000
PARKERSBURG WV	6803 Emerson	(304) 464-4400
MORGANFIELD KY	118 Jim Veatch Rd	(270) 389-3430
NORTON VA	205 Hawthorne Rd	(276) 679-1224

Victaulic® QuickVic™ SD Installation-Ready™ System



1.0 PRODUCT DESCRIPTION

Available Sizes

- ½ – 2"

Pipe Material

- For use on carbon steel pipe conforming to the dimensional requirements of ASME B36.10 and the pipe standards ASTM A53, ASTM A106, ASTM A135 for Schedules 5 through 80
- For use on 6061-T6 aluminum pipe conforming to ASTM B241 for Schedule 40 only
- For exceptions reference section 6.0 Notifications

NOTE

- For use on other pipe materials, contact Victaulic.

Maximum Working Pressure

- 300 psi/2068 kPa/21 bar

Maximum Operating Temperature

- Dependent on gasket selection from section 3.0

Function

- Joins plain end carbon steel and aluminum pipe
- Rigid couplings and fittings featuring patented Victaulic Installation-Ready™ technology
- QuickVic™ SD Installation-Ready™ products include patented "Leak-If-Not-Tightened" technology during initial installation; Seal is designed to leak until the coupling or fitting is mechanically secured on the pipe

PC3110 Cut & Mark Tool Capability

- ½ – 2" carbon steel pipe, Schedules 5 through 80
- ½ – 2" aluminum pipe, Schedule 40
- Designed to cut, mark and chamfer pipe outside diameter (OD) simultaneously
- Knurled marks display a clear insertion depth on the outside of the pipe for proper coupling/fitting installation

ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.

2.0 CERTIFICATION/LISTINGS



Conforms to ASME B31.1, ASME B31.3 and ASME B31.9 code requirements.

Product designed and manufactured under the Victaulic Quality Management System, as certified by LPCB in accordance with ISO-9001:2008.

3.0 SPECIFICATIONS – MATERIAL

Couplings and Fittings

Housing: Ductile iron conforming to ASTM A536, Grade 65-45-12.

Housing Coating: (specify choice)

Standard: Orange enamel.

Optional: Thermally diffused zinc-based coating conforming to ASTM A1059/A1059M.

Optional: Contact Victaulic with your requirements for other coatings.

Gasket: (specify choice¹)

Victaulic Grade "EHP" EPDM

EPDM (Red and Green stripes color code). Temperature range -30°F to +250°F/-34°C to +120°C. May be specified for hot water service within the specified temperature range plus a variety of dilute acids, oil-free air, and many chemical services. NOT COMPATIBLE FOR USE WITH PETROLEUM SERVICES OR STEAM SERVICES.

Victaulic Grade "T" Nitrile

Nitrile (Orange stripe color code). Temperature range -20°F to +180°F/-29°C to +82°C. May be specified for petroleum products, hydrocarbons, air with oil vapors, and vegetable and mineral oils within the specified temperature range; not compatible for hot dry air over +140°F/+60°C and water over +150°F/+66°C. NOT COMPATIBLE FOR USE WITH HOT WATER SERVICES OR STEAM SERVICES.

¹ Services listed are General Service Guidelines only. It should be noted that there are services for which these gaskets are not compatible. Reference should always be made to the latest [Victaulic Seal Selection Guide](#) for specific gasket service guidelines and for a listing of services which are not compatible.

Bolts/Nuts: Carbon steel oval neck track bolts meeting the mechanical property requirements of ASTM A449. Carbon steel hex nuts meeting the mechanical property requirements of ASTM A563 Grade B. Track bolts and hex nuts are zinc electroplated per ASTM B633 Fe/Zn 5, finish Type III.

Retainer: 301 stainless steel conforming to ASTM A666.

Coupling Linkage: High strength steel with comparable physical properties to that of the track bolt (ASTM A449). Linkage is zinc electroplated per ASTM B633 Fe/Zn 5, Type III finish.

No. P40 Threaded Adapter (Male NPT x Plain End): Carbon steel meeting the chemical and mechanical property requirements of ASTM A53 Grade A or B, or per GB/T 8163-2008 Grade 20, or equivalent.

No. P47 and No. P97 Dielectric Adapters: Copper silicon conforming to UNS C87850.

No. P60: Ductile iron conforming to ASTM A536, Grade 65-45-12

No. P80 Threaded Adapter (Female NPT x Plain End): Ductile iron conforming to ASTM A536, Grade 65-45-12.

Full Port Ball Valve

Body: Dezincification resistant (DZR) brass, CW602N

Stem Seals: EPDM

Ball: Plated DZR brass, CW602N (standard) or 316 stainless steel (optional)

Stem: DZR brass, CW602N (standard) or 316 stainless steel (optional)

Ball Seals: Polytetrafluoroethylene (PTFE)

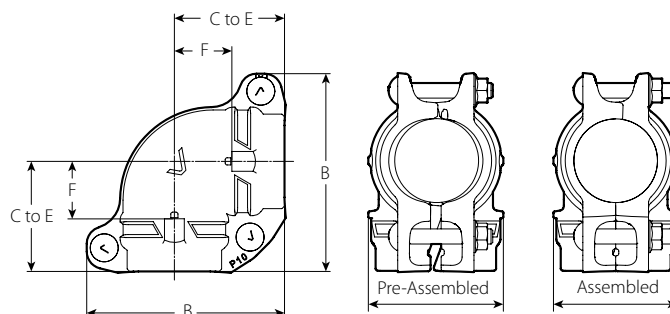
Handle: Steel with vinyl grip

PC3110 Cut & Mark Tool

Required Power Supply: Power drive with foot switch.

4.0 DIMENSIONS

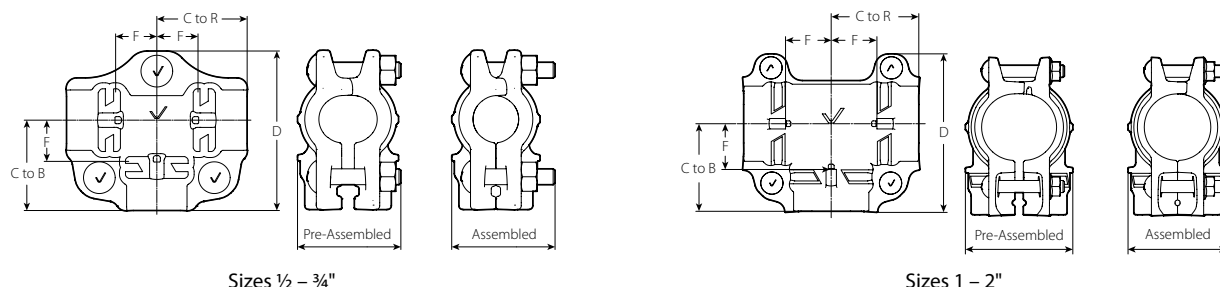
No. P10 90° Elbow



Size		Bolt/Nut		Dimensions					Weight
Nominal inches	Actual Outside Diameter inches mm	Qty.	Size inches mm	F Takeout inches mm	C to E inches mm	B inches mm	Pre-Assembled inches mm	Assembled inches mm	Approximate (Each) lb kg
1/2	0.840 21.3	3	3/8 x 2 M10 x 51	0.88 22	2.13 54	3.88 99	2.38 60	2.38 60	1.8 0.8
3/4	1.050 26.9	3	3/8 x 2 M10 x 51	1.00 25	2.13 54	4.00 102	2.50 64	2.50 64	2.1 1.0
1	1.315 33.7	3	3/8 x 2 M10 x 51	1.13 29	2.25 57	4.38 111	2.75 70	2.63 67	2.4 1.1
1 1/4	1.660 42.4	3	3/8 x 2 M10 x 51	1.25 32	2.50 64	4.75 121	3.00 76	2.75 70	2.8 1.3
1 1/2	1.900 48.3	3	3/8 x 2 M10 x 51	1.38 35	3.00 76	5.38 137	3.25 83	3.00 76	3.4 1.5
2	2.375 60.3	3	7/16 x 2 3/4 M11 x 70	1.63 41	3.25 83	5.88 149	4.00 102	3.63 92	5.8 2.6

4.1 DIMENSIONS

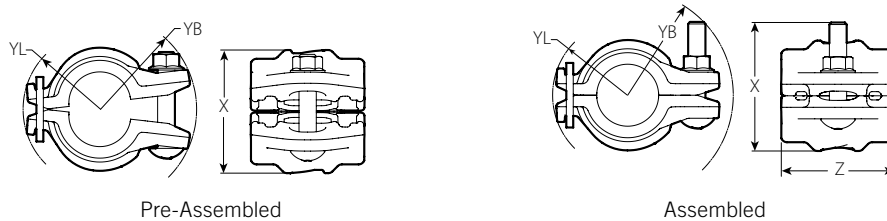
No. P20 Tee



Size		Bolt/Nut		Dimensions						Weight
Nominal inches	Actual Outside Diameter inches mm	Qty.	Size inches mm	F Takeout inches mm	C to B inches mm	C to R inches mm	D inches mm	Pre-Assembled inches mm	Assembled inches mm	Approximate (Each) lb kg
1/2	0.840 21.3	3	3/8 x 2 M10 x 51	0.88 22	2.13 54	2.13 54	3.63 92	2.38 60	2.38 60	2.4 1.1
3/4	1.050 26.9	3	3/8 x 51 M10 x 2	1.00 25	2.25 57	2.25 57	3.88 99	2.50 64	2.50 64	2.8 1.3
1	1.315 33.7	4	3/8 x 2 M10 x 51	1.13 29	2.25 57	2.25 57	4.38 111	2.75 70	2.63 67	3.2 1.5
1 1/4	1.660 42.4	4	3/8 x 2 M10 x 51	1.25 32	2.50 64	2.50 64	4.75 121	3.00 76	2.75 70	3.7 1.7
1 1/2	1.900 48.3	4	3/8 x 2 M10 x 51	1.38 35	3.00 76	3.00 76	5.38 137	3.25 83	3.00 76	4.6 2.1
2	2.375 60.3	4	7/16 x 2 3/4 M11 x 70	1.63 41	3.25 83	3.25 83	5.88 149	4.00 102	3.63 92	7.0 3.2

4.2 DIMENSIONS

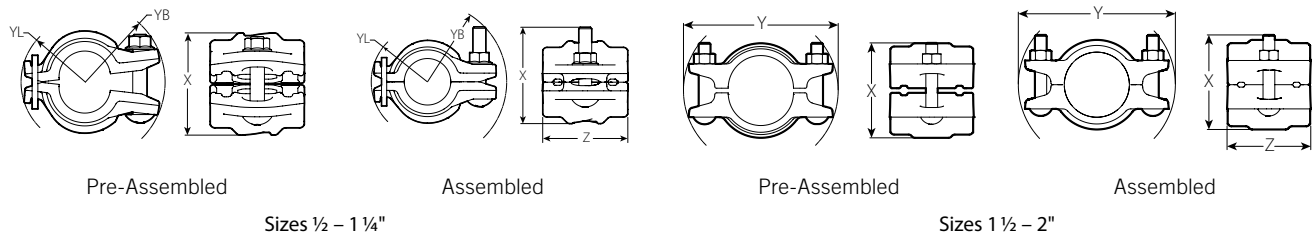
Style P07 Coupling



Size			Bolt/Nut		Dimensions							Weight
Nominal inches	Actual Outside Diameter inches mm	Pipe End Separation inches mm	Qty.	Size inches mm	Pre-Assembled			Assembled				Approximate (Each) lb kg
					Y _L	Y _B	X	Y _L	Y _B	X	Z	
					inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	
½	0.840 21.3	0.14 3.6	1	¾ x 2 M10 x 51	1.50 38	2.00 51	2.38 60	1.50 38	2.13 54	2.50 64	2.50 64	1.2 0.5
¾	1.050 26.9	0.14 3.6	1	¾ x 2 M10 x 51	1.63 41	2.13 54	2.38 60	1.50 38	2.13 54	2.63 67	2.50 64	1.3 0.6
1	1.315 33.7	0.14 3.6	1	¾ x 2 M10 x 51	1.75 44	2.25 57	2.75 70	1.63 41	2.25 57	2.75 70	2.50 64	1.4 0.6
1 ¼	1.660 42.4	0.14 3.6	1	¾ x 2 M10 x 51	1.88 48	2.38 60	3.00 76	1.88 48	2.50 64	2.88 73	2.50 64	1.6 0.7
1 ½	1.900 48.3	0.14 3.6	1	7⁄16 x 2 ¾ M11 x 70	2.13 54	2.63 67	3.38 86	2.00 51	2.63 67	3.50 89	3.25 83	2.8 1.3
2	2.375 60.3	0.14 3.6	1	7⁄16 x 2 ¾ M11 x 70	2.38 60	3.00 76	3.88 99	2.25 57	3.25 83	3.88 99	3.25 83	3.1 1.4

4.3 DIMENSIONS

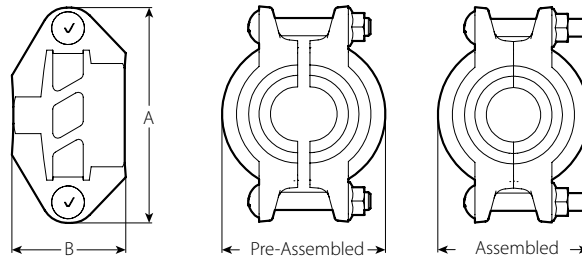
Style P08 Slip Coupling



Size			Bolt/Nut		Dimensions										Weight
Nominal inches	Actual Outside Diameter inches mm	Pipe End Separation inches mm	Qty.	Size inches mm	Pre-Assembled				Assembled					Approximate (Each) lb kg	
					Y _L inches mm	Y _B inches mm	Y inches mm	X inches mm	Y _L inches mm	Y _B inches mm	Y inches mm	X inches mm	Z inches mm		
½	0.840 21.3	0.00 0	1	⅜ x 2 M10 x 51	1.50 38	2.00 51	-	2.38 60	1.50 38	2.13 54	-	2.50 64	2.38 60	1.1 0.5	
¾	1.050 26.9	0.00 0	1	⅜ x 2 M10 x 51	1.63 41	2.13 54	-	2.38 60	1.63 41	2.13 54	-	2.63 67	2.38 60	1.2 0.5	
1	1.315 33.7	0.00 0	1	⅜ x 2 M10 x 51	1.75 44	2.25 57	-	2.75 70	1.75 44	2.25 57	-	2.75 70	2.38 60	1.4 0.6	
1 ¼	1.660 42.4	0.00 0	1	⅜ x 2 M10 x 51	1.88 48	2.38 60	-	3.00 76	1.88 48	2.50 64	-	2.88 73	2.38 60	1.6 0.7	
1 ½	1.900 48.3	0.00 0	2	⅜ x 2 M10 x 51	-	-	4.88 124	3.13 80	-	-	5.00 127	2.88 73	3.13 80	2.4 1.1	
2	2.375 60.3	0.00 0	2	7⁄16 x 2 ¾ M11 x 70	-	-	5.75 146	3.50 89	-	-	5.88 149	3.50 89	3.13 80	3.0 1.4	

4.4 DIMENSIONS

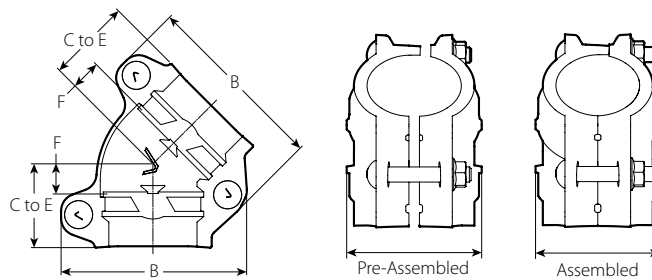
Style P50 Reducing Coupling



Size		Pipe End Separation inches mm	Bolt/Nut		Dimensions				Weight	
Nominal inches	Actual Outside Diameter inches mm		Qty.	Size inches mm	A inches mm	B inches mm	Pre-Assembled inches mm	Assembled inches mm	Approximate (Each) lb kg	
$\frac{3}{4}$ x $\frac{1}{2}$	1.050 x 0.840 26.9 x 21.3	0.15 4	2	$\frac{3}{8}$ x 2 M10 x 51	3.63 92	2.50 64	2.50 64	2.50 64	1.7 0.8	
1 x $\frac{3}{4}$	1.315 x 1.050 33.7 x 26.9	0.20 5	2	$\frac{3}{8}$ x 2 M10 x 51	3.88 99	2.50 64	2.75 70	2.63 67	1.9 0.9	
1 $\frac{1}{4}$ x $\frac{3}{4}$	1.660 x 1.050 42.4 x 26.9	0.06 2	2	$\frac{3}{8}$ x 2 M10 x 51	4.63 118	2.50 64	3.25 83	3.00 76	2.6 1.2	
	1 x 1	1.315 33.7	2	$\frac{3}{8}$ x 2 M10 x 51	4.63 118	2.50 64	3.25 83	3.00 76	2.3 1.0	
1 $\frac{1}{2}$ x $\frac{3}{4}$	1.900 x 1.050 48.3 x 26.9	0.06 2	2	$\frac{3}{8}$ x 2 M10 x 51	4.88 124	2.75 70	3.50 89	3.25 83	3.1 1.4	
	1 x 1	1.315 33.7	2	$\frac{3}{8}$ x 2 M10 x 51	4.88 124	2.75 70	3.50 89	3.25 83	3.0 1.4	
	1 $\frac{1}{4}$ x 1	1.660 42.4	2	$\frac{3}{8}$ x 2 M10 x 51	4.88 124	2.75 70	3.50 89	3.25 83	3.0 1.4	
2 x 1	2.375 x 1.315 60.3 x 33.7	0.06 2	2	$\frac{7}{16}$ x 2 $\frac{3}{4}$ M11 x 70	5.25 133	2.75 70	4.00 102	3.75 95	3.8 1.7	
	1 $\frac{1}{4}$ x 1	1.660 42.4	2	$\frac{7}{16}$ x 2 $\frac{3}{4}$ M11 x 70	5.25 133	2.75 70	4.13 105	3.75 95	3.8 1.7	
	1 $\frac{1}{2}$ x 1	1.900 48.3	2	$\frac{7}{16}$ x 2 $\frac{3}{4}$ M11 x 70	5.25 133	3.13 79	4.00 102	3.88 99	4.1 1.9	

4.5 DIMENSIONS

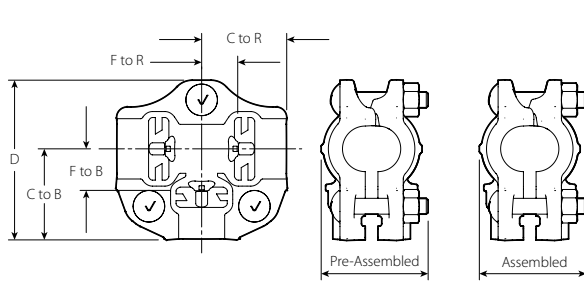
No. P11 45° Elbow



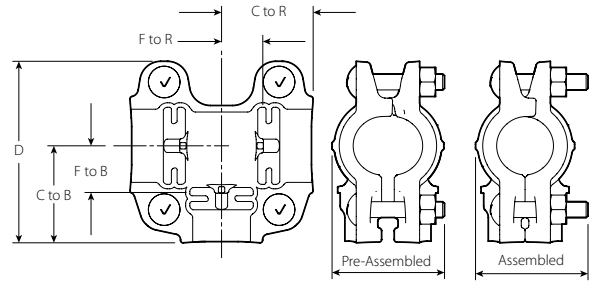
Size		Bolt/Nut		Dimensions					Weight
Nominal inches	Actual Outside Diameter inches mm	Qty.	Size inches mm	F Takeout inches mm	C to E inches mm	B inches mm	Pre- Assembled inches mm	Assembled inches mm	Approximate (Each) lb kg
1/2	0.840 21.3	3	3/8 x 2 M10 x 51	0.63 15	1.75 44	3.50 89	2.38 60	2.38 60	0.7 0.3
3/4	1.050 26.9	3	3/8 x 2 M10 x 51	0.75 19	1.88 48	3.75 95	2.50 64	2.50 64	2.4 1.1
1	1.315 33.7	3	3/8 x 2 M10 x 51	0.75 19	1.88 48	4.00 102	2.75 70	2.63 67	2.7 1.2
1 1/4	1.660 42.4	3	3/8 x 2 M10 x 51	0.75 19	1.88 48	4.38 111	3.13 80	2.88 73	3.2 1.5
1 1/2	1.900 48.3	3	3/8 x 2 M10 x 51	0.75 19	2.25 57	4.75 121	3.38 86	3.00 76	3.7 1.7
2	2.375 60.3	3	7/16 x 2 3/4 M11 x 70	0.88 22	2.38 60	5.38 137	3.88 99	3.88 99	5.4 2.5

4.6 DIMENSIONS

No. P25 Reducing Tee



Run Size 3/4"

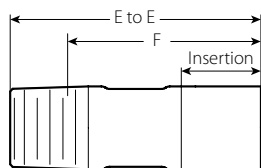


Run Sizes 1 – 2"

Size		Bolt/Nut		Dimensions							Weight	
Nominal inches	Actual Outside Diameter inches mm	Qty	Size inches mm	F to B Takeout inches mm	F to R Takeout inches mm	C to B inches mm	C to R inches mm	D inches mm	Pre-Assembled inches mm	Assembled inches mm	Approx. (Each) lb kg	
3/4 x 3/4 x 1/2	1.050 x 1.050 x 0.840 26.9 x 26.9 x 21.3	3	3/8 x 2 M10 x 51	1.13 29	1.00 25	2.25 57	2.13 54	3.88 99	2.50 64	2.50 64	2.9 1.3	
1 x 1 x 1/2	1.315 x 1.315 x 0.840 33.7 x 33.7 x 21.3	4	3/8 x 2 M10 x 51	1.13 29	1.00 25	2.38 60	2.13 54	4.38 111	2.75 70	2.75 70	3.2 1.4	
		4	3/8 x 2 M10 x 51	1.13 29	1.13 29	2.38 60	2.25 57	4.63 117	2.75 70	2.63 67	3.3 1.5	
		4	3/8 x 2 M10 x 51	1.13 29	1.13 29	2.38 60	2.25 57	4.63 117	2.75 70	2.63 67	3.3 1.5	
1 1/4 x 1 1/4 x 1/2	1.660 x 1.660 x 0.840 42.4 x 42.4 x 21.3	4	3/8 x 2 M10 x 51	1.38 35	1.00 25	2.50 64	2.13 54	4.75 121	3.00 76	2.88 73	3.6 1.6	
		4	3/8 x 2 M10 x 51	1.38 35	1.13 29	2.50 64	2.25 57	4.75 121	3.00 76	2.75 70	4.0 1.8	
		4	3/8 x 2 M10 x 51	1.38 35	1.25 32	2.50 64	2.38 60	4.75 121	3.00 76	2.75 70	4.2 1.9	
		4	3/8 x 2 M10 x 51	1.38 35	1.25 32	2.50 64	2.38 60	4.75 121	3.00 76	2.75 70	4.2 1.9	
1 1/2 x 1 1/2 x 1/2	1.900 x 1.900 x 0.840 48.3 x 48.3 x 21.3	4	3/8 x 2 M10 x 51	1.63 41	0.88 22	2.75 70	2.38 60	5.00 127	3.25 83	3.00 76	4.2 1.9	
		4	3/8 x 2 M10 x 51	1.63 41	1.00 25	2.75 70	2.50 64	5.13 130	3.25 83	3.00 76	4.6 2.1	
		4	3/8 x 2 M10 x 51	1.63 41	1.13 29	2.75 70	2.75 70	5.13 130	3.25 83	3.00 76	4.8 2.2	
		4	3/8 x 2 M10 x 51	1.63 41	1.38 35	2.75 70	3.00 76	5.00 127	3.25 83	3.00 76	5.1 2.3	
		4	3/8 x 2 M10 x 51	1.63 41	1.38 35	2.75 70	3.00 76	5.00 127	3.25 83	3.00 76	5.1 2.3	
2 x 2 x 1/2	2.375 x 2.375 x 0.840 60.3 x 60.3 x 21.3	4	7/16 x 2.75 M11 x 70	1.88 48	0.88 22	3.13 79	2.38 60	5.63 143	4.00 102	3.63 92	6.2 2.8	
		4	7/16 x 2.75 M11 x 70	1.88 48	1.13 29	3.00 76	2.63 67	5.63 143	4.00 102	3.63 92	7.0 3.2	
		4	7/16 x 2.75 M11 x 70	1.88 48	1.38 35	3.00 76	2.88 73	5.63 143	4.00 102	3.63 92	7.5 3.4	
		4	7/16 x 2.75 M11 x 70	1.88 48	1.38 35	3.00 76	3.00 76	5.63 143	4.00 102	3.63 92	7.2 3.3	
		4	7/16 x 2.75 M11 x 70	1.88 48	1.63 41	3.25 83	3.13 79	5.75 146	4.00 102	3.63 92	8.0 3.6	
		4	7/16 x 2.75 M11 x 70	1.88 48	1.63 41	3.25 83	3.13 79	5.75 146	4.00 102	3.63 92	8.0 3.6	

4.7 DIMENSIONS

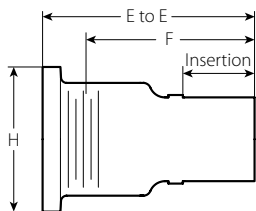
No. P40 Threaded Adapter (Male NPT x Plain End)



Size		Dimensions		Insertion Depth inches mm	Weight
Nominal inches	Actual Outside Diameter inches mm	E to E inches mm	F Takeout inches mm		Approx. (Each) lb kg
½	0.840 21.3	3.75 95	3.25 83	1.125 29	0.3 0.1
¾	1.050 26.9	3.75 95	3.25 83	1.125 29	0.3 0.1
1	1.315 33.7	4.00 102	3.25 83	1.125 29	0.4 0.2
1 ¼	1.660 42.4	4.00 102	3.38 86	1.125 29	0.6 0.3
1 ½	1.900 48.3	4.38 111	3.75 95	1.500 38	0.7 0.3
2	2.375 60.3	4.38 111	3.75 95	1.500 38	0.9 0.4

4.8 DIMENSIONS

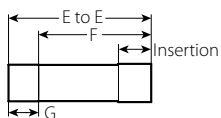
No. P80 Threaded Adapter (Female NPT x Plain End)



Size		Dimensions			Insertion Depth inches mm	Weight
Nominal inches	Actual Outside Diameter inches mm	E to E inches mm	F Takeout inches mm	H inches mm		Approx. (Each) lb kg
½	0.840 21.3	3.25 83	2.63 67	1.75 44	1.125 29	0.6 0.3
¾	1.050 26.9	3.25 83	2.63 67	2.00 51	1.125 29	0.9 0.4
1	1.315 33.7	3.38 86	2.63 67	2.25 58	1.125 29	1.2 0.6
1 ¼	1.660 42.4	3.38 86	2.63 67	2.63 67	1.125 29	1.6 0.7
1 ½	1.900 48.3	3.75 95	3.00 76	2.88 73	1.500 38	2.1 1.0
2	2.375 60.3	3.75 95	3.00 76	3.50 89	1.500 38	2.9 1.3

4.9 DIMENSIONS

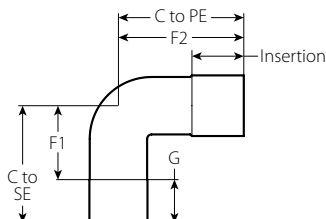
No. P47 Straight Dielectric Adapter (Sweat x Plain End)



Size		Dimensions			Insertion Depth inches mm	Weight
Nominal inches	Actual Outside Diameter inches mm	G (Sweat Depth) inches mm	End to End inches mm	F Takeout inches mm		Approx. (Each) lb kg
1/2	0.840 21.3	0.50 13	4.50 114	4.00 102	1.125 29	0.3 0.1
3/4	1.050 26.9	0.75 19	4.75 121	4.00 102	1.125 29	0.5 0.2
1	1.315 33.7	0.91 23	5.00 127	4.00 102	1.125 29	0.7 0.3
1 1/4	1.660 42.4	0.97 25	5.00 127	4.00 102	1.125 29	0.9 0.4
1 1/2	1.900 48.3	1.09 28	5.09 129	4.00 102	1.500 38	1.1 0.5
2	2.375 60.3	1.34 34	5.34 136	4.00 102	1.500 38	1.5 0.7

4.10 DIMENSIONS

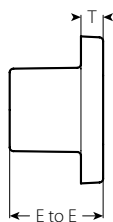
No. P97 90° Elbow Dielectric Adapter (Sweat x Plain End)



Size		Dimensions					Insertion Depth inches mm	Weight
Nominal inches	Actual Outside Diameter inches mm	G (Sweat Depth) inches mm	C to SE (Center to Sweat End) inches mm	C to PE (Center to Plain End) inches mm	F1 Copper Takeout inches mm	F2 Steel Takeout inches mm		Approx. (Each) lb kg
1/2	0.840 21.3	0.50 13	1.84 47	2.59 66	1.34 34	2.59 66	1.125 29	0.3 0.1
3/4	1.050 26.9	0.75 19	2.09 53	2.59 66	1.34 34	2.59 66	1.125 29	0.4 0.2
1	1.315 33.7	0.91 23	2.54 65	2.72 69	1.63 41	2.72 69	1.125 29	0.7 0.3
1 1/4	1.660 42.4	0.97 25	2.82 72	2.88 73	1.85 47	2.88 73	1.125 29	1.0 0.4
1 1/2	1.900 48.3	1.09 28	2.88 73	2.88 73	1.79 45	2.88 73	1.500 38	1.2 0.5
2	2.375 60.3	1.34 34	3.25 83	3.25 83	1.91 49	3.25 83	1.500 38	1.7 0.8

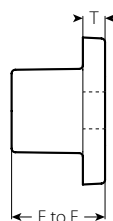
4.11 DIMENSIONS

No. P60 Cap/Tapped Cap



No. P60 Cap

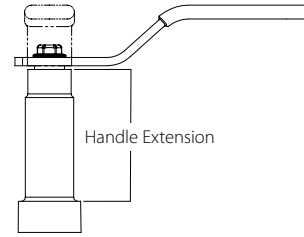
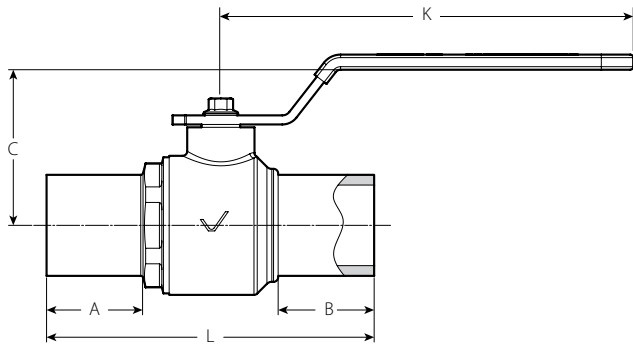
Size		Dimensions		Weight
Nominal inches	Actual Outside Diameter inches mm	E to E inches mm	T inches mm	Approximate (Each) lb kg
1/2	0.840 21.3	1.50 38	0.38 10	0.4 0.2
3/4	1.050 26.9	1.50 38	0.38 10	0.5 0.2
1	1.315 33.7	1.50 38	0.38 10	0.7 0.3
1 1/4	1.660 42.4	1.50 38	0.38 10	0.9 0.4
1 1/2	1.900 48.3	1.88 48	0.38 10	1.3 0.6
2	2.375 60.3	1.88 48	0.38 10	1.7 0.8

No. P60 Tapped Cap
(Optional)

Size		Dimensions		Thread Size	Weight
Nominal inches	Actual Outside Diameter inches mm	E to E inches mm	T inches mm		Approximate (Each) lb kg
1/2	0.840 21.3	1.50 38	0.38 10	1/4 - 18 NPT	0.4 0.2
3/4	1.050 26.9	1.50 38	0.38 10	3/8 - 18 NPT	0.5 0.2
1	1.315 33.7	1.50 38	0.38 10	1/2 - 14 NPT	0.7 0.3
1 1/4	1.660 42.4	1.50 38	0.38 10	1/2 - 14 NPT	0.9 0.4
1 1/2	1.900 48.3	1.88 48	0.38 10	1/2 - 14 NPT	1.3 0.6
2	2.375 60.3	1.88 48	0.38 10	1/2 - 14 NPT	1.7 0.8

4.12 DIMENSIONS

Series P89 Full Port Ball Valve

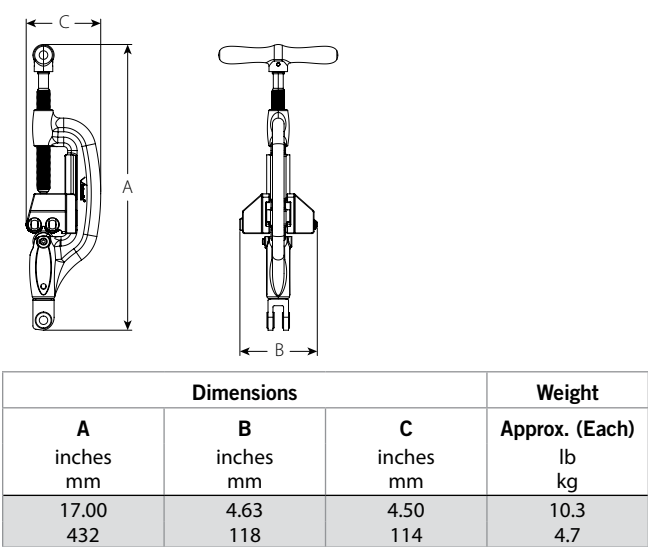


Size		Dimensions					Weight
Nominal inches	Actual Outside Diameter inches mm	A inches mm	B inches mm	C inches mm	L inches mm	K inches mm	Approximate (Each) lb kg
1/2	0.840 21.3	1.25 32	1.25 32	2.50 64	4.00 102	4.25 108	0.6 0.3
3/4	1.050 26.9	1.25 32	1.25 32	2.63 67	4.13 105	4.25 108	0.9 0.4
1	1.315 33.7	1.25 32	1.25 32	2.75 70	4.50 114	5.25 133	1.4 0.6
1 1/4	1.660 42.4	1.25 32	1.25 32	2.88 73	4.75 121	5.25 133	2.0 0.9
1 1/2	1.900 48.3	1.63 41	1.63 41	3.00 76	6.13 156	6.13 156	3.7 1.7
2	2.375 60.3	1.63 41	1.63 41	3.63 92	6.38 162	6.38 162	5.4 2.5

Valve Inlet Size		
inches	2" Handle Extension	4" Handle Extension
1/2 - 3/4	P-004-78Y-2HL	P-004-78Y-4HL
1 - 1 1/4	P-012-78Y-2HL	P-012-78Y-4HL
1 1/2 - 2	P-020-78Y-2HL	P-020-78Y-4HL

4.13 DIMENSIONS

PC3110 Cut & Mark Tool



5.0 PERFORMANCE

Carbon Steel – Schedules 5 through 80

Size		Carbon Steel			
		Schedule 5		Schedules 10 – 80	
Nominal inches	Actual Outside Diameter inches mm	Maximum Joint Working Pressure ² psi kPa	Maximum Permissible End Load ² lb N	Maximum Joint Working Pressure ² psi kPa	Maximum Permissible End Load ² lb N
½	0.840 21.3	175 1207	190 845	300 2068	330 1468
¾	1.050 26.9	175 1207	230 1023	300 2068	400 1779
1	1.315 33.7	175 1207	265 1178	300 2068	450 2002
1 ¼	1.660 42.4	175 1207	380 1690	300 2068	650 2891
1 ½	1.900 48.3	175 1207	495 2201	300 2068	850 3781
2	2.375 60.3	175 1207	775 3447	300 2068	1330 5916

² Working Pressure and End Load are total, from all internal and external loads, based on ANSI B36.10 sized carbon steel pipe, prepared in accordance with Victaulic specifications.

NOTE

- WARNING: FOR ONE-TIME FIELD TEST ONLY, the Maximum Joint Working Pressure may be increased to 1 ½ times the figures shown.

5.1 PERFORMANCE

Aluminum – Schedule 40

Size		Aluminum – Schedule 40	
Nominal inches	Actual Outside Diameter inches mm	Maximum Working Pressure ³ psi kPa	Maximum Permissible End Load ³ lb N
½	0.840 21.3	+	+
¾	1.050 26.9	+	+
1	1.315 33.7	300 2068	450 2002
1 ¼	1.660 42.4	300 2068	650 2891
1 ½	1.900 48.3	300 2068	850 3781
2	2.375 60.3	300 2068	1330 5916

³ Working Pressure and End Load are total, from all internal and external loads, based on 6061-T6 aluminum pipe per ASTM B241, prepared in accordance with Victaulic specifications.

+ Contact Victaulic for more details.

NOTE

- WARNING: FOR ONE-TIME FIELD TEST ONLY, the Maximum Joint Working Pressure may be increased to 1 ½ times the figures shown.

5.2 PERFORMANCE

Frictional Resistance

Size		Equivalent Lengths Based on Sched. 40 Pipe (C=120) ⁴		
Nominal inches	Actual Outside Diameter inches mm	No. P10 90° Elbow ft m	No. P11 45° Elbow ft m	No. P20 Tee ft m
½	0.840 21.3	1.0 0.3	1.0 0.3	2.0 0.6
¾	1.050 26.9	1.5 0.5	1.0 0.3	2.5 0.8
1	1.315 33.7	2.0 0.6	1.5 0.5	3.0 0.9
1 ¼	1.660 42.4	2.5 0.8	1.5 0.5	3.5 1.1
1 ½	1.900 48.3	3.0 0.9	2.0 0.6	4.0 1.2
2	2.375 60.3	5.0 1.5	2.0 0.6	6.0 1.8

⁴ Rounded to the nearest half foot.

5.3 PERFORMANCE

Flow Characteristics for Series P89 Full Port Ball Valve

C_v/K_v values for flow of water at 60°F/16°C are shown in the table below. For additional details, contact Victaulic.

Formulas for C_v and K_v values:

$$\Delta P = \frac{Q^2}{C_v^2}$$

$$Q = C_v \times \sqrt{\Delta P}$$

Where:

Q = Flow (GPM)

ΔP = Pressure Drop (psi)

C_v = Flow Coefficient

$$\Delta P = \frac{Q^2}{K_v^2}$$

$$Q = K_v \times \sqrt{\Delta P}$$

Where:

Q = Flow (m³/hr)

ΔP = Pressure Drop (Bar)

K_v = Flow Coefficient

Size		Flow
Nominal inches	Actual Outside Diameter inches mm	C _v K _v
½	0.840 21.3	14.7 12.7
¾	1.050 26.9	28.5 24.7
1	1.315 33.7	56.3 48.7
1 ¼	1.660 42.4	114.0 98.6
1 ½	1.900 48.3	162.0 140.1
2	2.375 60.3	245.0 211.9

6.0 NOTIFICATIONS

⚠ WARNING



- Read and understand all instructions before attempting to install, remove, adjust, or maintain any Victaulic piping products.
- Depressurize and drain the piping system before attempting to install, remove, adjust, or maintain any Victaulic piping products.
- Wear safety glasses, hardhat, and foot protection.

Failure to follow these instructions could result in death or serious personal injury and property damage.

NOTICE

- Victaulic does not recommend the use of any furnace butt-welded pipe with sizes NPS 2" / DN50 and smaller Victaulic gasketed joint products. This includes, but is not limited to, ASTM A53 Type F pipe.

7.0 REFERENCE MATERIALS

[05.01: Victaulic Seal Selection Guide](#)

[AN-001: Victaulic Application Notification: Potential Incompatibility of Type F Pipe, Sizes NPS 2" / DN50 and Smaller](#)

[I-ENDCAP: Victaulic End Cap Installation Safety Instructions](#)

[I-IMPACT: Victaulic Impact Tool Usage Guidelines](#)

[I-P100: Victaulic Field Installation Handbook](#)

[TM-PC3110: Victaulic PC3110 Cut & Mark Tool Operating and Maintenance Instructions Manual](#)

User Responsibility for Product Selection and Suitability

Each user bears final responsibility for making a determination as to the suitability of Victaulic products for a particular end-use application, in accordance with industry standards and project specifications, and the applicable building codes and related regulations as well as Victaulic performance, maintenance, safety, and warning instructions. Nothing in this or any other document, nor any verbal recommendation, advice, or opinion from any Victaulic employee, shall be deemed to alter, vary, supersede, or waive any provision of Victaulic Company's standard conditions of sale, installation guide, or this disclaimer.

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Note

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

Installation

Reference should always be made to the Victaulic installation handbook or installation instructions of the product you are installing. Handbooks are included with each shipment of Victaulic products, providing complete installation and assembly data, and are available in PDF format on our website at www.victaulic.com.

Warranty

Refer to the Warranty section of the current Price List or contact Victaulic for details.

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CARBON STEEL PIPE & FITTINGS



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