



IMPACT IMPEX

R:31, STANDARD BUILDING NO. 2,
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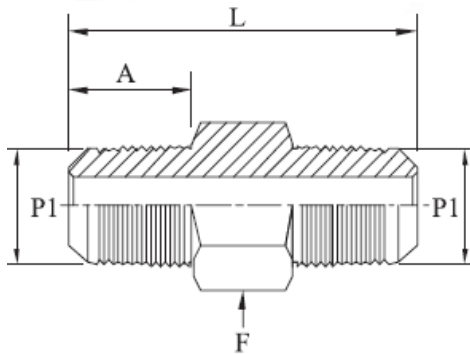
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Pipe Fittings

Hex Nipple

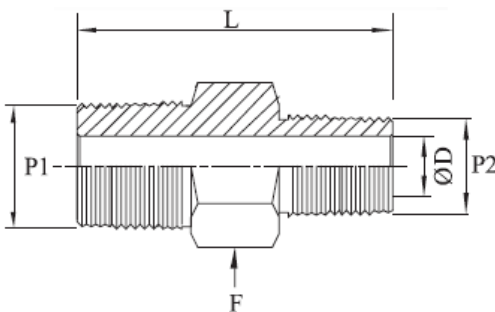
Design : IIPF/HN



Part No.	P1		L mm	A mm	F Hex
	NPTM	NPTM			
IIPF/HN/1I-1I	1/16	1/16	25.6	9.7	3/8
IIPF/HN/2I-2I	1/8	1/8	25.6	9.7	7/16
IIPF/HN/4I-4I	1/4	1/4	35.6	14.2	9/16
IIPF/HN/6I-6I	3/8	3/8	36.4	14.2	11/16
IIPF/HN/8I-8I	1/2	1/2	46.5	19.1	7/8
IIPF/HN/12I-12I	3/4	3/4	50.03	19.1	1-1/16
IIPF/HN/16I-16I	1	1	59.43	23.9	1-3/8
IIPF/HN/20I-20I	1-1/4	1-1/4	62.2	24.6	1-3/4
IIPF/HN/24I-24I	1-1/2	1-1/2	65	25.4	2

Hex Reducing Nipple

Design : IIPF/HRN



PART No.	P1	P2	ØD	L	F
	NPTM	NPTM	NPTM	NPTM	Hex
IIPF/HRN/2-1I	1/8	1/16	0.12	1.01	7/16
IIPF/HRN/4-1I	1/4	1/16	0.12	1.25	5/8
IIPF/HRN/4-2I	1/4	1/8	0.19	1.22	9/16
IIPF/HRN/6-1I	3/8	1/16	0.19	1.27	3/4
IIPF/HRN/6-2I	3/8	1/8	0.19	1.25	11/16
IIPF/HRN/6-4I	3/8	1/4	0.28	1.43	11/16
IIPF/HRN/8-2I	1/2	1/8	0.19	1.47	7/8
IIPF/HRN/8-4I	1/2	1/4	0.28	1.65	7/8
IIPF/HRN/8-6I	1/2	3/8	0.38	1.65	7/8
IIPF/HRN/12-4I	3/4	1/4	0.28	1.65	1-1/16
IIPF/HRN/12-6I	3/4	3/8	0.38	1.65	1-1/16
IIPF/HRN/12-8I	3/4	1/2	0.47	1.84	1-1/16
IIPF/HRN/12-2I	3/4	1/8	0.19	1.59	1-1/16
IIPF/HRN/16-2I	1	1/8	0.19	1.78	1-3/8
IIPF/HRN/16-4I	1	1/4	0.28	1.97	1-3/8
IIPF/HRN/16-6I	1	3/8	0.38	1.97	1-3/8
IIPF/HRN/16-8I	1	1/2	0.47	2.13	1-3/8
IIPF/HRN/16-12I	1	3/4	0.62	2.13	1-3/8
IIPF/MRN/20I-16I	1-1/4	1	0.65	1-3/4	24.6/23.9



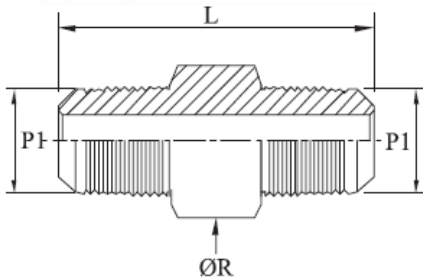
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Pipe Fittings

Close Nipple

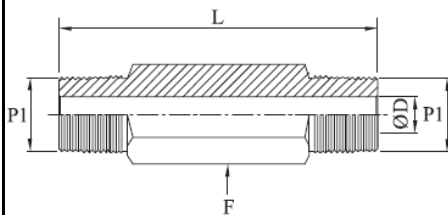
Design : IIPF/CN



PART No.	P1		L	ØR
	NPTM	NPTM	inch	inch
IIPF/CN/1-1I	1/16	1/16	0.75	7/16
IIPF/CN/2-2I	1/8	1/8	0.75	7/16
IIPF/CN/4-4I	1/4	1/4	1.12	9/16
IIPF/CN/6-6I	3/8	3/8	1.12	11/16
IIPF/CN/8-8I	1/2	1/2	1.50	7/8
IIPF/CN/12-12I	3/4	3/4	1.50	1-1/16
IIPF/CN/16-16I	1	1	1.88	1-3/8

Hex Long Nipple

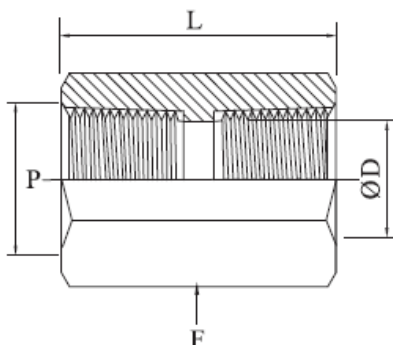
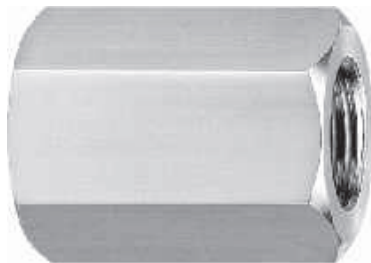
Design : IIPF/HLN



PART No.	L							P1	ØD	F
	inch								inch	Hex
IIPF/HLN/2-2I	1.5	2	2.5	3	4			1/8	0.19	7/16
IIPF/HLN/4-4I	2	2.5	3	3.5	4			1/4	0.28	7/16
IIPF/HLN/6-6I	2	2.5	3	3.5	4	5	6	3/8	0.33	11/16
IIPF/HLN/8-8I	2	2.5	3	3.5	4	5	6	1/2	0.47	7/8
IIPF/HLN/12-12I	2.5	3	3.5	4	5	6		3/4	0.62	1-1/16
IIPF/HLN/16-16I	3	3.5	4	5	6			1	0.86	1-3/8

Hex Coupling

Design : IIPF/HC



PART No.	P	ØD	L	F
	NPTF	mm	mm	Hex
IIPF/HC/2I	1/8	8.6	20.6	9/16
IIPF/HC/4I	1/4	11.4	30.2	3/4
IIPF/HC/6I	3/8	15.0	33.3	7/8
IIPF/HC/8I	1/2	18.5	39.6	1-1/16
IIPF/HC/12I	3/4	23.9	41.1	1-5/16
IIPF/HC/16I	1	29.7	50.8	1-5/8



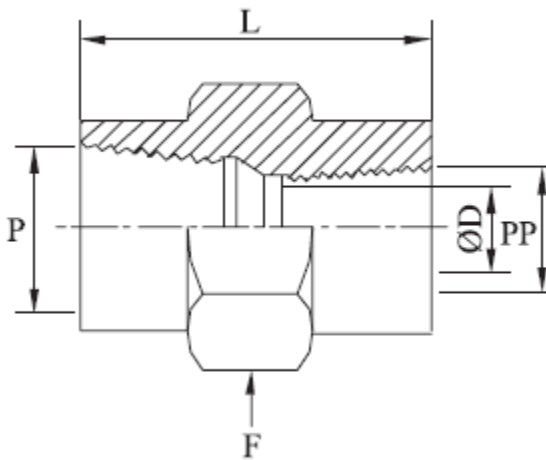
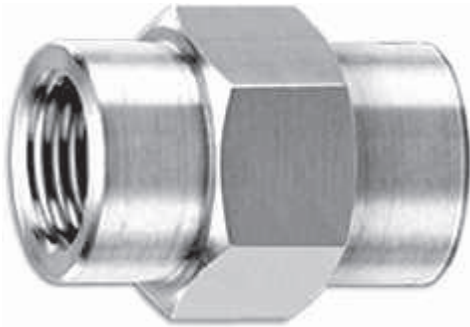
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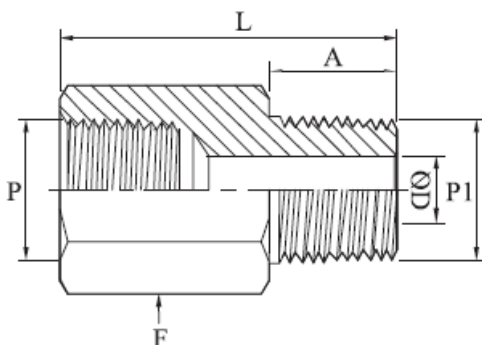
Pipe Fittings

Hex Reducing Coupling

Design : IIPF/HRC



PART No.	PP	PP	ØD	L	F
	NPTF	NPTF			
IIPF/HRC/4-1I	1/8	1/16	0.34	0.92	3/4
IIPF/HRC/4-2I	1/4	1/8	0.34	1.22	3/4
IIPF/HRC/6-1I	3/8	1/16	0.34	0.95	7/8
IIPF/HRC/6-2I	3/8	1/8	0.34	1.03	7/8
IIPF/HRC/6-4I	3/8	1/4	0.45	1.38	7/8
IIPF/HRC/8-2I	1/2	1/8	0.34	1.56	1-1/16
IIPF/HRC/8-4I	1/2	1/4	0.45	1.75	1-1/16
IIPF/HRC/8-6I	1/2	3/8	0.59	1.78	1-1/16
IIPF/HRC/12-2I	3/4	1/8	0.34	1.39	1-3/8
IIPF/HRC/12-4I	3/4	1/4	0.45	1.69	1-3/8
IIPF/HRC/12-6I	3/4	3/8	0.45	1.69	1-3/8
IIPF/HRC/12-8I	3/4	1/2	0.73	2.06	1-3/8
IIPF/HRC/16-2I	1	1/8	0.41	1.44	1-5/8
IIPF/HRC/16-4I	1	1/4	0.45	1.63	1-5/8
IIPF/HRC/16-6I	1	3/8	0.45	1.63	1-5/8
IIPF/HRC/16-8I	1	1/2	0.73	2.19	1-5/8
IIPF/HRC/16-12I	1	3/4	0.94	2.25	1-5/8



Adaptor / NPT x NPT

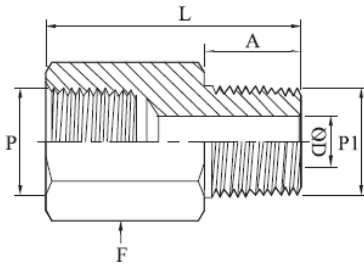
Design : IIPF/A

PART No.	P	P1	ØD	L	F
	NPTF	NPTF			
IIPF/A/2-2I	1/8	1/8	0.19	1.10	9/16
IIPF/A/4-4I	1/4	1/4	0.28	1.40	3/4
IIPF/A/6-6I	3/8	3/8	0.38	1.51	7/8
IIPF/A/8-8I	1/2	1/2	0.47	1.94	1-1/16
IIPF/A/12-12I	3/4	3/4	0.62	2.02	1-1/4
IIPF/A/16-16I	1	1	0.88	2.28	1-5/8



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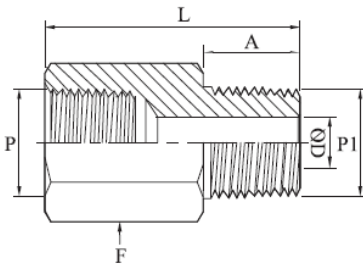
Pipe Fittings Adaptor / BSPT x NPT

Design : IIPF/A/IT-N

PART No.	P	P1	ØD	L	A	F
	BSPTF	NPTM				
IIPF/A/IT-N/4I-4	1/4-19	1/4	7.1	36.3	14.2	3/4
IIPF/A/IT-N/6I-6	3/8-19	3/8	9.6	38.4	14.2	7/8
IIPF/A/IT-N/8I-8	1/2-14	1/2	11.9	49.8	19.1	1-1/16

Adaptor / NPT x BSPT

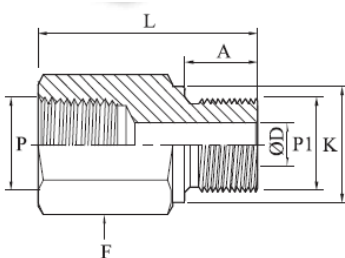
Design : IIPF/A/N-IT



PART No.	P	P1	ØD	L	A	F
	NPTF	BSPTM				
IIPF/A/N-IT/2I-2	1/8	1/8-28	4.8	27.7	9.7	9/16
IIPF/A/N-IT/4I-4	1/4	1/4-19	7.1	36.1	14.2	3/4
IIPF/A/N-IT/6I-6	3/8	3/8-19	9.6	38.1	14.2	7/8
IIPF/A/N-IT/8I-8	1/2	1/2-14	11.9	49.3	19.0	1-1/16
IIPF/A/N-IT/12I-12	3/4	3/4-14	15.8	51.3	19.0	1-5/16
IIPF/A/N-IT/16I-16	1	1-11	22.4	58.4	23.9	1-5/8

Adaptor / NPT x BSPP

Design : IIPF/A/N-IP



PART No.	P	P1	ØD	L	A	K	F
	NPTF	BSPPM					
IIPF/P/N-IP/2I-2	1/8	1/8-28	4.1	25.1	7.1	13.8	9/16
IIPF/P/N-IP/4I-4	1/4	1/4-19	5.8	33.5	11.2	18.0	3/4
IIPF/P/N-IP/6I-6	3/8	3/8-19	7.9	35.8	11.2	21.8	7/8
IIPF/P/N-IP/8I-8	1/2	1/2-14	11.9	44.2	14.2	26.0	1-1/16
IIPF/P/N-IP/12I-12	3/4	3/4-14	15.7	48.0	15.7	32.0	1-5/16
IIPF/P/N-IP/16I-16	1	1-11	19.8	53.3	18.3	39.0	1-5/8



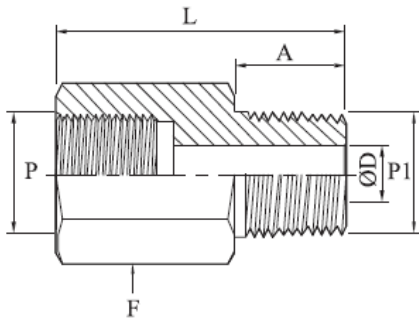
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Pipe Fittings

Gauge Adaptor / BSPP x NPT

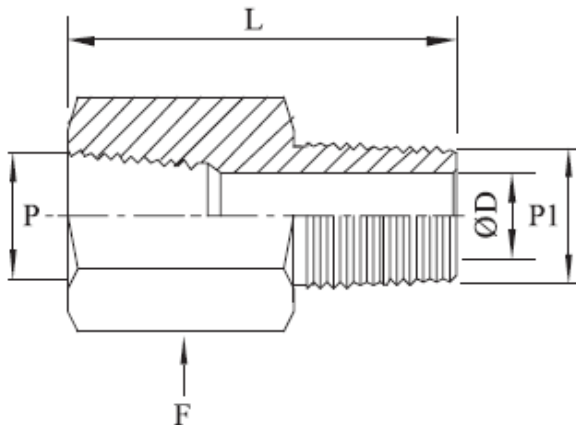
Design : IIPF/GA/IP-N



PART No.	P	P1	ØD	L	A	F
	BSPPF	NPTM				
IIPF/GA/IP-N/4I-4	1/4-19	1/4	5.6	27.4	14.2	3/4
IIPF/GA/IP-N/6I-6	3/8-19	3/8	6.6	32.3	14.2	1 5/16
IIPF/GA/IP-N/8I-8	1/2-14	1/2	7.1	41.9	19.1	1 1/16

Reducing Adaptor / NPT x NPT

Design : IIPF/RA



PART No.	P	P1	ØD	L	F
	NPTF	NPTM			
IIPF/RA/2-1I	1/8	1/16	0.12	1.03	9/16
IIPF/RA/4-1I	1/4	1/16	0.12	1.20	3/4
IIPF/RA/4-2I	1/4	1/8	0.19	1.25	3/4
IIPF/RA/6-1I	3/8	1/16	0.19	1.25	7/8
IIPF/RA/6-2I	3/8	1/8	0.19	1.33	7/8
IIPF/RA/6-4I	3/8	1/4	0.28	1.50	7/8
IIPF/RA/8-2I	1/2	1/8	0.19	1.58	1-1/16
IIPF/RA/8-4I	1/2	1/4	0.28	1.75	1-1/16
IIPF/RA/8-6I	1/2	3/8	0.38	1.75	1-1/16
IIPF/RA/12-2I	3/4	1/8	0.36	1.56	1-3/8
IIPF/RA/12-4I	3/4	1/4	0.28	1.82	1-3/8
IIPF/RA/12-6I	3/4	3/8	0.38	1.82	1-3/8
IIPF/RA/12-8I	3/4	1/2	0.47	2.02	1-3/8
IIPF/RA/16-2I	1	1/8	0.36	1.81	1-5/8
IIPF/RA/16-4I	1	1/4	0.28	1.95	1-5/8
IIPF/RA/16-6I	1	3/8	0.38	1.95	1-5/8
IIPF/RA/16-8I	1	1/2	0.47	2.16	1-5/8
IIPF/RA/16-12I	1	3/4	0.62	2.16	1-5/8



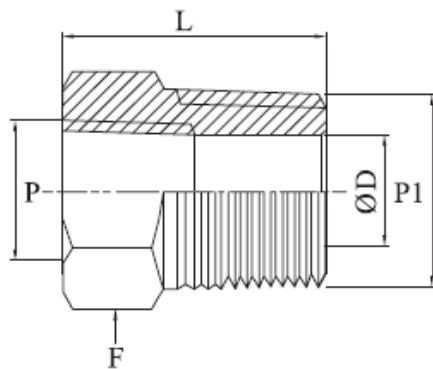
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Pipe Fittings

Reducing Bushing / NPT x NPT

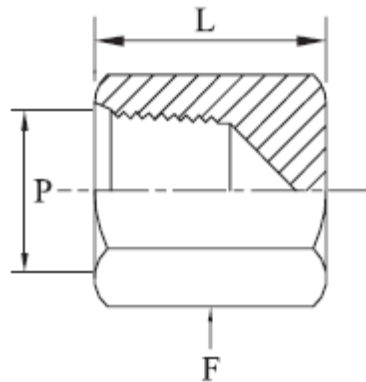
Design : IIPF/RB



PART No.	P	P1	ØD	L	F
	NPTF	NPTM			Hex
IIPF/RB/2I-1I	1/16	1/8	4.8	26.2	7/16
IIPF/RB/4I-2I	1/8	1/4	7.1	26.9	9/16
IIPF/RB/6I-2I	1/8	3/8	8.6	21.8	11/16
IIPF/RB/6I-4I	1/4	3/8	9.5	30.2	3/4
IIPF/RB/8I-4I	1/4	1/2	11.4	27.4	7/8
IIPF/RB/8I-6I	3/8	1/2	11.9	35.8	7/8
IIPF/RB/12I-4I	1/4	3/4	11.4	27.4	1-1/16
IIPF/RB/12I-6I	3/8	3/4	15.0	27.4	1-1/16
IIPF/RB/12I-8I	1/2	3/4	15.7	41.4	1-1/16
IIPF/RB/16I-4I	1/4	1	11.4	34.8	1-3/8
IIPF/RB/16I-6I	3/8	1	15.0	34.8	1-3/8
IIPF/RB/16I-8I	1/2	1	18.5	34.8	1-3/8
IIPF/RB/16I-12I	3/4	1	22.4	47.0	1-3/8

Pipe Cap

Design : IIPF/PC



PART No.	P	L	F
	NPTF	Inch	Hex
IIPF/PC/2I	1/8	0.75	9/16
IIPF/PC/4I	1/4	0.91	3/4
IIPF/PC/6I	3/8	1.03	7/8
IIPF/PC/8I	1/2	1.34	1-1/16
IIPF/PC/12I	3/4	1.44	1-5/16
IIPF/PC/16I	1	1.63	1-5/8



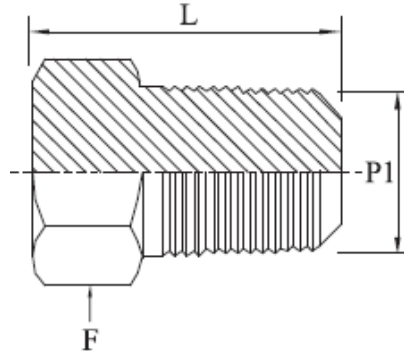
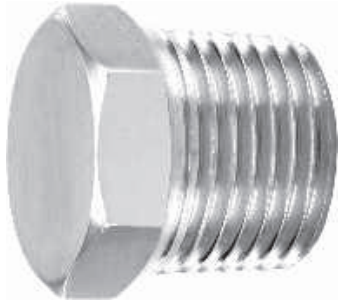
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IMPACT IMPEX

Pipe Fittings

Hex Plug

Design : IIPF/HP



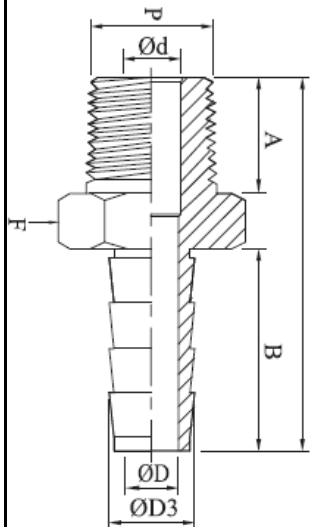
PART No.	P1	L	F
	NPTM	mm	Hex
IIPF/HP/1I	1/16	19	7/16
IIPF/HP/2I	1/8	19	7/16
IIPF/HP/4I	1/4	25.4	5/8
IIPF/HP/6I	3/8	27	3/4
IIPF/HP/8I	1/2	33.3	7/8
IIPF/HP/12I	3/4	35	1-1/8
IIPF/HP/16I	1	42.8	1-3/8
IIPF/HP/32I	1-1/4	48	1-3/4
IIPF/HP/38I	1-1/2	54.2	2

Male to Hose Connector / Tube x NPTM

Design : IIPF/MHC-N



PART No.	ØD3		P1	ØD	Ød	B	A	L	F
	Hose		NPTM						Hex
IIPF/MHC/2I-2	1/8	3.80	1/8	2.0	4.80	10.2	9.70	27.4	7/16
IIPF/MHC/2I-4	1/8	3.80	1/4	2.0	7.10	10.2	14.2	32.0	9/16
IIPF/MHC/3I-2	3/16	5.84	1/8	3.0	3.00	15.0	9.70	32.3	7/16
IIPF/MHC/3I-4	3/16	5.84	1/4	3.0	7.10	15.0	14.2	36.8	9/16
IIPF/MHC/4I-2	1/4	7.62	1/8	4.8	4.80	20.1	9.70	37.3	7/16
IIPF/MHC/4I-4	1/4	7.62	1/4	4.8	4.80	20.1	14.2	41.9	9/16
IIPF/MHC/4I-6	1/4	7.62	3/8	4.8	4.80	20.1	14.2	42.2	11/16
IIPF/MHC/4I-8	1/4	7.62	1/2	4.8	11.9	20.1	19.0	47.0	7/8
IIPF/MHC/5I-2	5/16	9.65	1/8	4.8	4.80	22.1	9.70	39.4	7/16
IIPF/MHC/5I-4	5/16	9.65	1/4	4.8	4.80	22.1	14.2	43.9	9/16
IIPF/MHC/5I-6	5/16	9.65	3/8	4.8	4.80	22.1	14.2	44.2	11/16
IIPF/MHC/5I-8	5/16	9.65	1/2	4.8	11.9	22.1	19.0	49.8	7/8
IIPF/MHC/6I-4	3/8	11.43	1/4	7.6	7.60	22.1	14.2	43.9	9/16
IIPF/MHC/6I-6	3/8	1.43	3/8	17.6	7.60	22.1	14.2	44.2	11/16
IIPF/MHC/6I-8	3/8	11.43	1/2	7.6	7.60	22.1	19.0	49.8	7/8
IIPF/MHC/8I-4	1/2	15.24	1/4	9.5	7.10	23.8	14.2	45.7	11/16
IIPF/MHC/8I-6	1/2	15.24	3/8	9.5	9.50	23.8	14.2	46	11/16
IIPF/MHC/8I-8	1/2	15.24	1/2	9.5	9.50	23.8	19.0	51.6	7/8
IIPF/MHC/10I-8	5/8	19.10	1/2	11.9	11.9	24.9	19	52.6	1 1/16
IIPF/MHC/10I-12	5/8	19.10	3/4	12.7	16.0	24.9	19.0	52.6	1 1/16
IIPF/MHC/12I-8	3/4	22.86	1/2	16.0	11.9	26.7	19	54.4	1 1/16
IIPF/MHC/12I-12	3/4	22.86	3/4	16.0	16.0	26.7	19.0	54.4	1 1/16
IIPF/MHC/12I-16	3/4	22.86	1	16.0	22.4	26.7	23.9	61.7	13/8
IIPF/MHC/16I-12	1	30.48	3/4	22.4	16.0	30.2	19.0	60.5	13/8
IIPF/MHC/16I-16	1	30.48	1	22.4	22.4	30.2	23.9	65.3	1 3/8





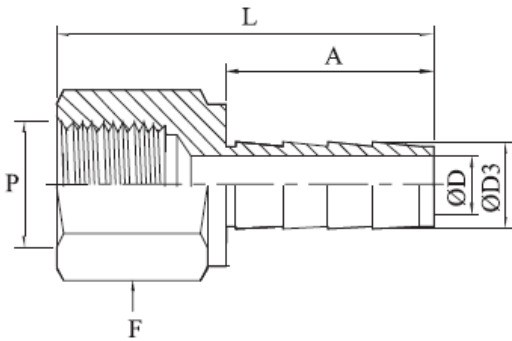
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Pipe Fittings

Female to Hose Connector / Hose ID x NPTF

Design : IIPF/FHC-N



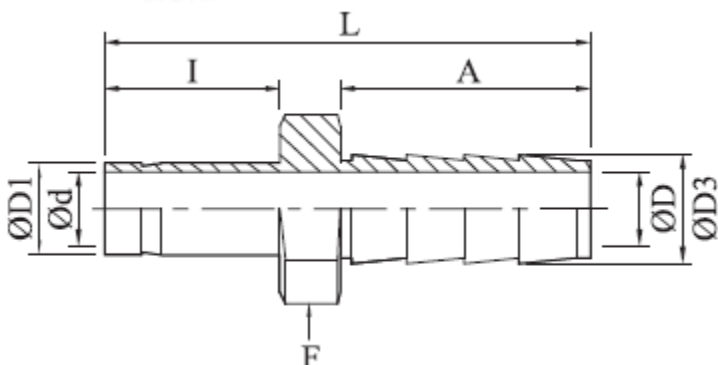
PART No.	ØD3		P	ØD	A	L	F
	Hose		NPTF				Hex
IIPF/FHC/2I-2	1/8	3.80	1/8	2.00	10.2	28.2	9/16
IIPF/FHC/2I-4	1/8	3.80	1/4	2.00	10.2	32.0	3/4
IIPF/FHC/3I-2	3/16	5.84	1/8	3.00	15.0	32.8	9/16
IIPF/FHC/3I-4	3/16	5.84	1/4	3.00	15.0	36.6	3/4
IIPF/FHC/4I-2	1/4	7.62	1/8	4.80	20.1	37.3	9/16
IIPF/FHC/4I-4	1/4	7.62	1/4	4.80	20.1	41.7	3/4
IIPF/FHC/4I-6	1/4	7.62	3/8	4.80	20.1	43.4	7/8
IIPF/FHC/5I-4	5/16	9.65	1/4	4.80	22.1	43.9	3/4
IIPF/FHC/5I-6	5/16	9.65	3/8	4.80	22.1	46.2	7/8
IIPF/FHC/6I-4	3/8	11.43	1/4	7.60	22.1	42.9	3/4
IIPF/FHC/6I-6	3/8	11.43	3/8	7.60	22.1	45.2	7/8
IIPF/FHC/6I-8	3/8	11.43	1/2	7.60	22.1	51.6	1 1/16
IIPF/FHC/8I-8	1/2	15.24	1/2	9.70	23.9	54.1	1 1/16

Tube to Hose Connector / Hose ID x Tube OD

Design : IIPF/THC



PART No.	ØD3		ØD1	ØD	Ød	L	A	I	F
	Hose								Hex
IIPF/THC/2I-2	1/8	3.80	1/8	2.00	2.3	34.3	10.2	13.5	5/16
IIPF/THC/2I-4	1/8	3.80	1/4	2.00	4.80	36.6	10.2	15.7	3/8
IIPF/THC/4I-4	1/4	7.62	1/4	4.80	4.80	46.5	20.1	15.7	7/16
IIPF/THC/4I-6	1/4	7.62	3/8	4.80	7.10	48.3	20.1	17.5	7/16
IIPF/THC/5I-4	5/16	9.40	1/4	4.80	4.80	48.5	22.1	15.7	7/16
IIPF/THC/6I-6	3/8	11.43	3/8	7.60	7.10	50.3	22.1	17.5	9/16
IIPF/THC/6I-8	3/8	11.43	1/2	7.60	9.9	55.9	22.1	23.1	5/8
IIPF/THC/8I-6	1/2	15.24	3/8	9.70	7.10	52.1	23.9	17.5	11/16
IIPF/THC/8I-8	1/2	15.24	1/2	9.70	9.90	57.7	23.9	23.1	11/16
IIPF/THC/12I-12	3/4	22.86	3/4	16.0	15.0	62.0	26.7	24.6	1 1/16





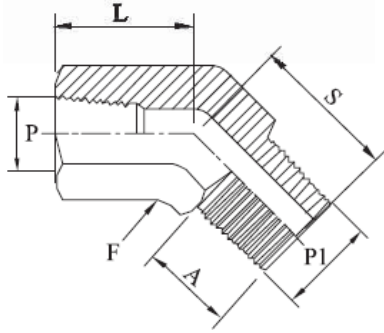
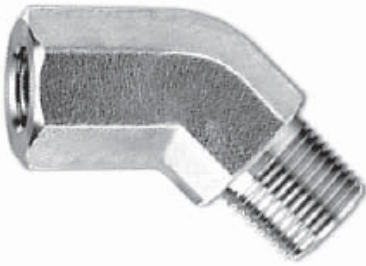
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Pipe Fittings

45° Elbow Street

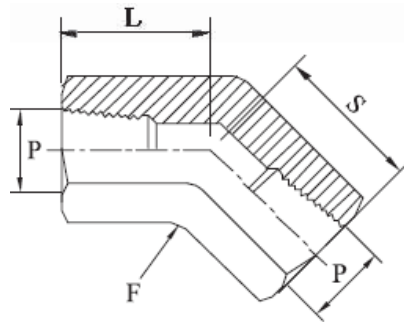
Design : IIPF/45ES



PART No.	P	P1	L	A	I	F
	NPTF	NPTM	Inch	Inch	Inch	Hex
IIPF/45ES/1-1I	1/16	1/16	0.47	0.66	0.38	7/16
IIPF/45 ES/2-2I	1/8	1/8	0.47	0.72	0.38	9/16
IIPF/45 ES/4-4I	1/4	1/4	0.63	1.05	0.56	3/4
IIPF/45 ES/6-6I	3/8	3/8	0.72	1.06	0.56	7/8
IIPF/45 ES/8-8I	1/2	1/2	0.91	1.34	0.75	1-1/16
IIPF/45 ES/12-12I	3/4	3/4	0.97	1.38	0.75	1-5/16
IIPF/45 ES/16-16I	1	1	1.13	1.13	0.94	1-5/8

45° Elbow Female

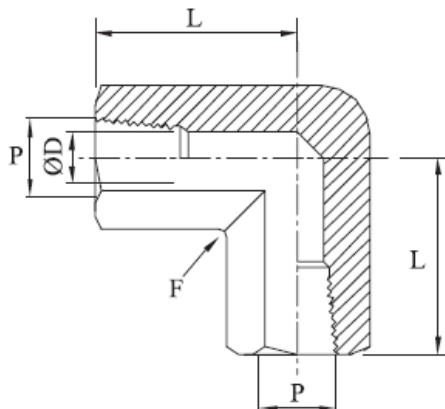
Design : IIPF/45EF



PART No.	P	L	S	F
	NPTF	Inch	Inch	Hex
IIPF/45EF/1I	1/16	0.47	0.47	7/16
IIPF/45EF/2I	1/8	0.47	0.47	9/16
IIPF/45EF/4I	1/4	0.69	0.69	3/4
IIPF/45EF/6I	3/8	0.75	0.75	7/8
IIPF/45EF/8I	1/2	0.94	0.94	1-1/16
IIPF/45EF/12I	3/4	1.00	1.00	1-5/16
IIPF/45EF/16I	1	1.19	1.19	1-5/8

Elbow Female

Design : IIPF/EF



PART No.	P	ØD	L	F
	NPTF	Inch	Inch	Hex
IIPF/EF/1-1I	1/16	0.28	0.50	7/16
IIPF/EF/2-2I	1/8	0.34	1.04	1/2
IIPF/EF/4-4I	1/4	0.45	1.17	11/16
IIPF/EF/6-6I	3/8	0.59	1.42	13/16
IIPF/EF/8-8I	1/2	0.73	1.56	1
IIPF/EF/12-12I	3/4	0.94	1.92	1-1/4
PIIPF/EF/16-16I	1	1.17	1.91	1-11/16



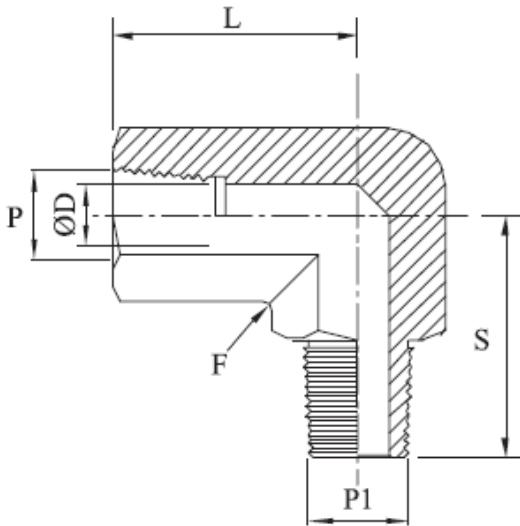
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Pipe Fittings

Elbow Reducing Street

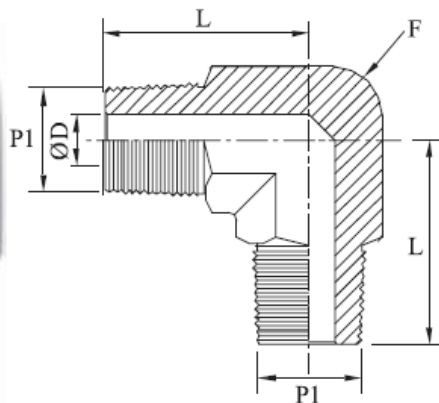
Design : IIPF/ERS



PART No.	P1	P	ØD	L	S	F
	NPTM	NPTF	Inch	Inch	Inch	Hex
IIPF/ERS/2-1I	1/8	1/16	0.12	1.04	0.87	1/2
IIPF/ERS/4-1I	1/4	1/16	0.12	1.09	1.00	9/16
IIPF/ERS/4-2I	1/4	1/8	0.19	1.17	1.00	11/16
IIPF/ERS/6-1I	3/8	1/16	0.12	1.09	1.26	3/4
IIPF/ERS/6-2I	3/8	1/8	0.19	1.22	1.26	3/4
IIPF/ERS/6-4I	3/8	1/4	0.28	1.42	1.26	13/16
IIPF/ERS/8-2I	1/2	1/8	0.19	1.47	1.38	7/8
IIPF/ERS/8-4I	1/2	1/4	0.28	1.56	1.38	7/8
IIPF/ERS/8-6I	1/2	3/8	0.38	1.56	1.38	7/8
IIPF/ERS/12-2I	3/4	1/8	0.19	1.59	1.67	1-1/16
IIPF/ERS/12-4I	3/4	1/4	0.28	1.59	1.67	1-1/16
IIPF/ERS/12-6I	3/4	3/8	0.38	1.59	1.67	1-1/16
IIPF/ERS/12-8I	3/4	1/2	0.47	1.59	1.67	1-1/16
IIPF/ERS/16-2I	1	1/8	0.19	1.91	1.94	1-5/16
IIPF/ERS/16-4I	1	1/4	0.45	1.91	1.94	1-5/16
IIPF/ERS/16-6I	1	3/8	0.28	1.91	1.94	1-5/16
IIPF/ERS/16-8I	1	1/2	0.47	1.91	1.94	1-5/16
IIPF/ERS/16-12I	1	3/4	0.62	1.91	1.94	1-5/16

Male Elbow

Design : IIPF/ME



PART No.	P1	ØD	L	F
	NPTM	Inch	Inch	Hex
IIPF/ME/1I	1/16	0.19	0.66	3/8
IIPF/ME/2I	1/8	0.19	0.88	7/16
IIPF/ME/4I	1/4	0.28	1.05	9/16
IIPF/ME/6I	3/8	0.38	1.17	11/16
IIPF/ME/8I	1/2	0.47	1.45	7/8
IIPF/ME/12I	3/4	0.65	1.59	1-1/16
IIPF/ME/16I	1	0.87	1.87	1-3/8



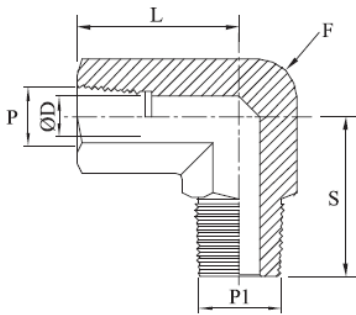
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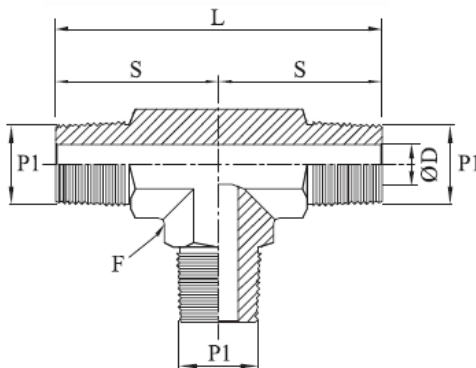
Pipe Fittings

Elbow Street

Design : IIPF/ES



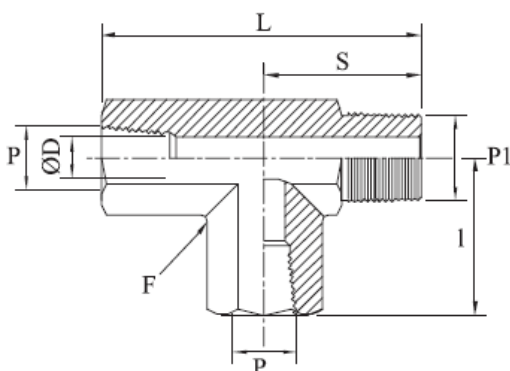
PART No.	P	P1	ØD	L	S	F
	NPTF	NPTM	Inch	Inch		Hex
IIPF/ES/1-1I	1/16	1/16	0.12	0.86	0.88	7/16
IIPF/ES/2-2I	1/8	1/8	0.19	1.04	0.87	1/2
IIPF/ES/4-4I	1/4	1/4	0.28	1.17	1.17	11/16
IIPF/ES/6-6I	3/8	3/8	0.38	1.42	1.26	13/16
IIPF/ES/8-8I	1/2	1/2	0.47	1.56	1.56	1
IIPF/ES/12-12I	3/4	3/4	0.62	1.92	1.67	1-1/4
IIPF/ES/16-16I	1	1	0.88	1.91	1.94	1-11/16



Tee Male

Design : IIPF/TM

PART No.	P1	ØD	L	S	F
	NPTM	Inch	Inch	Inch	Hex
IIPF/TM/1I	1/16	0.19	1.44	0.72	7/16
IIPF/TM/2I	1/8	0.19	1.76	0.88	7/16
IIPF/TM/4I	1/4	0.28	2.10	1.05	1/2
IIPF/TM/6I	3/8	0.38	2.34	1.17	11/16
IIPF/TM/8I	1/2	0.47	2.90	1.45	13/16
IIPF/TM/12I	3/4	0.65	3.18	1.59	1-1/16
IIPF/TM/16I	1	0.87	3.94	1.97	1-5/16



Tee Street

Design : IIPF/TS

PART No.	P	P1	ØD	L	S	I	F
	NPTF	NPTM	Inch	Inch	Inch	Inch	Hex
IIPF/TS/1I-1I	1/16	1/16	0.18	1.22	0.72	0.72	7/16
IIPF/TS/2I-2I	1/8	1/8	0.19	1.91	0.87	1.04	9/16
IIPF/TS/4I-4I	1/4	1/4	0.28	2.34	1.17	1.17	11/16
IIPF/TS/6I-6I	3/8	3/8	0.38	2.68	1.26	1.42	7/8
IIPF/TS/8I-8I	1/2	1/2	0.47	3.12	1.56	1.42	1-1/16
IIPF/TS/12I-12I	3/4	3/4	0.65	3.70	1.59	1.59	1-5/16
IIPF/TS/16I-16I	1	1	0.87	4.50	1.97	1.97	1-5/8



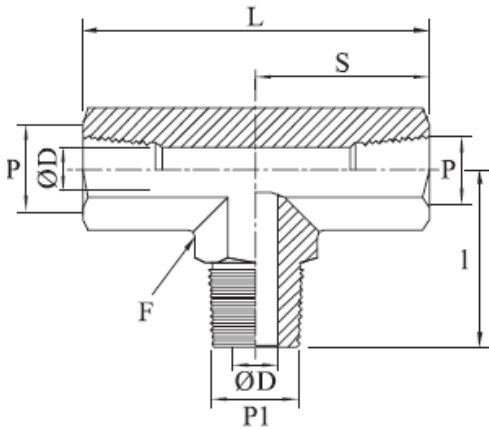
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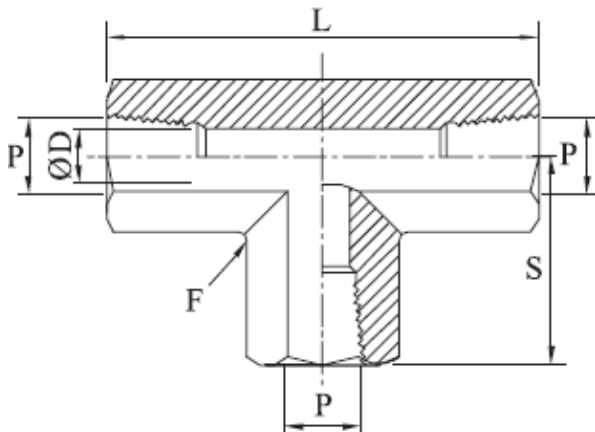
Pipe Fittings

Tee Branch

Design : IIPF/TB



PART No.	P	P1	ØD	L	S	I	F
	NPTF	NPTM	Inch	Inch	Inch	Inch	Hex
IIPF/TB/1I-1I	1/16	1/16	0.19	1.00	0.72	0.50	7/16
IIPF/TB/2I-2I	1/8	1/8	0.19	2.08	0.87	1.04	1/2
IIPF/TB/4I-4I	1/4	1/4	0.28	2.34	1.17	1.17	11/16
IIPF/TB/6I-6I	3/8	3/8	0.38	2.84	1.42	1.42	7/8
IIPF/TB/8I-8I	1/2	1/2	0.47	3.12	1.56	1.26	1-1/16
IIPF/TB/12I-12I	3/4	3/4	0.64	2.72	1.59	1.36	1-1/4
IIPF/TB/16I-16I	1	1	0.86	3.26	1.97	1.63	1-5/8



Tee Female

Design : IIPF/TF

PART No.	P	L	S	ØD	F
	NPTF	Inch	Inch	Inch	Hex
IIPF/TF/1I	1/16	1.00	0.50	0.18	7/16
IIPF/TF/2I	1/8	2.08	1.04	0.34	9/16
IIPF/TF/4I	1/4	2.34	1.17	0.45	11/16
IIPF/TF/6I	3/8	2.84	1.42	0.59	13/16
IIPF/TF/8I	1/2	3.12	1.56	0.73	1-1/16
IIPF/TF/12I	3/4	3.84	1.92	0.94	1-1/4
IIPF/TF/16I	1	3.82	1.91	1.17	1-11/16



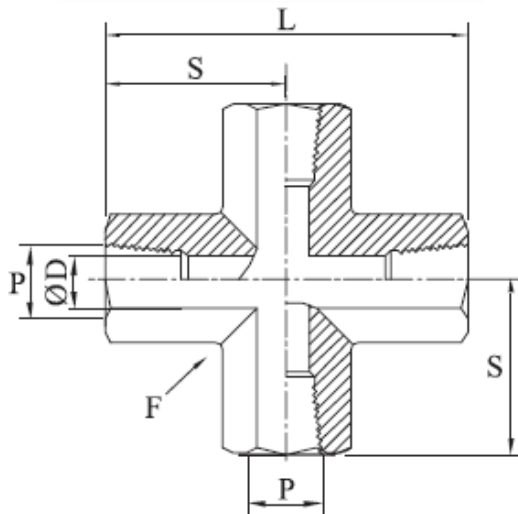
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IMPACT IMPEX

Pipe Fittings

Cross Female

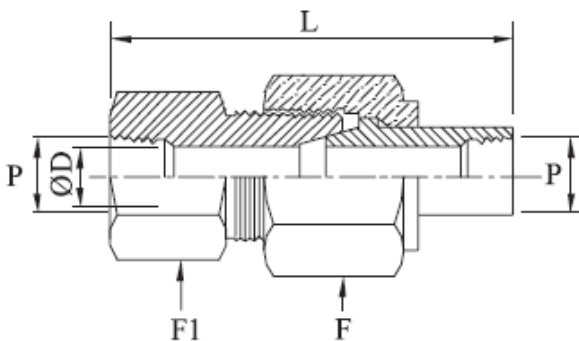
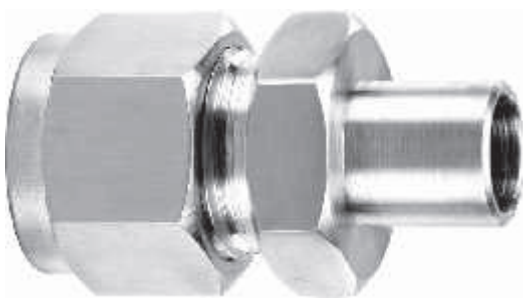
Design : IIPF/CF



PART No.	P	L	S	ØD	F
	NPTF	Inch	Inch	Inch	Hex
IIPF/CF/1I	1/16	1.00	0.50	0.25	7/16
IIPF/CF/2I	1/8	2.08	1.04	0.34	9/16
IIPF/CF/4I	1/4	2.34	1.17	0.45	11/16
IIPF/CF/6I	3/8	2.84	1.42	0.59	13/16
IIPF/CF/8I	1/2	3.12	1.56	0.73	1-1/16
IIPF/CF/12I	3/4	3.84	1.92	0.94	1-1/4
IIPF/CF/16I	1	3.82	1.91	1.17	1-11/16

Union Ball Joint

Design : IIPF/UBJ



PART No.	P	L	ØD	F	F1
	NPTF	Inch	Inch	Hex	Hex
IIPF/UBJ/2I	1/8	1.81	0.27	1-1/8	15/16
IIPF/UBJ/4I	1/4	2.34	0.36	1-3/8	1-3/16
IIPF/UBJ/6I	3/8	2.50	0.52	1-1/2	1-5/16
IIPF/UBJ/8I	1/2	2.69	0.62	1-3/4	1-5/8
IIPF/UBJ/12I	3/4	3.12	0.88	2	1-7/8
IIPF/UBJ/16I	1	3.56	1.03	2-1/2	2-3/8