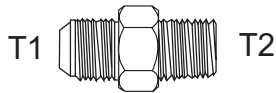


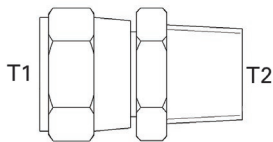
# 1 flared tube & pipe fittings

Flared Tube Fittings (JIC 37°)	Sec1:2
Pipe Fittings (NPT)	Sec1:18
Pipe Fittings (BSP)	Sec1:27

MALE NPT	Part number	JIC thread (T1)	NPT thread (T2)	Retail price R
	NIP 04J02N	7/16 - 20	1/8 - 27	
	NIP 04J04N	7/16 - 20	1/4 - 18	
	NIP 04J06N	7/16 - 20	3/8 - 18	
	NIP 04J08N	7/16 - 20	1/2 - 14	
	NIP 05J02N	1/2 - 20	1/8 - 27	
	NIP 05J04N	1/2 - 20	1/4 - 18	
	NIP 05J06N	1/2 - 20	3/8 - 18	
	NIP 06J02N	9/16 - 18	1/8 - 27	
	NIP 06J04N	9/16 - 18	1/4 - 18	
	NIP 06J06N	9/16 - 18	3/8 - 18	
	NIP 06J08N	9/16 - 18	1/2 - 14	
	NIP 08J04N	3/4 - 16	1/4 - 18	
	NIP 08J06N	3/4 - 16	3/8 - 18	
	NIP 08J08N	3/4 - 16	1/2 - 14	
	NIP 08J12N	3/4 - 16	3/4 - 14	
	NIP 10J06N	7/8 - 14	3/8 - 18	
	NIP 10J08N	7/8 - 14	1/2 - 14	
	NIP 10J12N	7/8 - 14	3/4 - 14	
	NIP 12J06N	1 1/16 - 12	3/8 - 18	
	NIP 12J08N	1 1/16 - 12	1/2 - 14	
	NIP 12J12N	1 1/16 - 12	3/4 - 14	
	NIP 12J16N	1 1/16 - 12	1 - 11 1/2	
	NIP 16J12N	1 5/16 - 12	3/4 - 14	
	NIP 16J16N	1 5/16 - 12	1 - 11 1/2	
	NIP 16J20N	1 5/16 - 12	1 1/4 - 11 1/2	
	NIP 20J16N	1 5/8 - 12	1 - 11 1/2	
	NIP 20J20N	1 5/8 - 12	1 1/4 - 11 1/2	
	NIP 20J24N	1 5/8 - 12	1 1/2 - 11 1/2	
	NIP 24J20N	1 7/8 - 12	1 1/4 - 11 1/2	
	NIP 24J24N	1 7/8 - 12	1 1/2 - 11 1/2	
	NIP 32J32N	2 1/2 - 12	2 - 11 1/2	

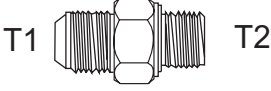


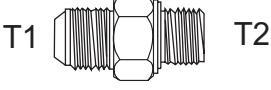
NIPPLE FEMALE JIC SWIVEL MALE NPT	Part number	JIC thread (T1)	NPT thread (T2)	Retail price R
	NIP 04FJS02N	7/16 - 20	1/8 - 27	
	NIP 04FJS04N	7/16 - 20	1/4 - 18	
	NIP 05FJS04N	1/2 - 20	1/4 - 18	
	NIP 06FJS04N	9/16 - 18	1/4 - 18	
	NIP 06FJS06N	9/16 - 18	3/8 - 18	
	NIP 08FJS06N	3/4 - 16	3/8 - 18	
	NIP 08FJS08N	3/4 - 16	1/2 - 14	
	NIP 10FJS08N	7/8 - 14	1/2 - 14	
	NIP 12FJS08N	1 1/16 - 12	1/2 - 14	
	NIP 12FJS12N	1 1/16 - 12	3/4 - 14	
	NIP 16FJS12N	1 5/16 - 12	3/4 - 14	
	NIP 16FJS16N	1 5/16 - 12	1 - 11 1/2	
	NIP 20FJS20N	1 5/8 - 12	1 1/4 - 11 1/2	

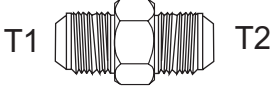


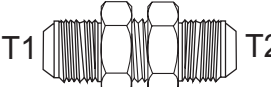
JIC 37°

## Flared Tube Fittings

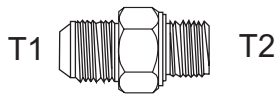
MALE METRIC	Part number	JIC thread (T1)	Metric thread (T2)	Retail price R
	NIP 04JM10x1,5	7/16 - 20	10 x 1,5	
	NIP 04JM12x1,5	7/16 - 20	12 x 1,5	
	NIP 04JM14x1,5	7/16 - 20	14 x 1,5	
	NIP 04JM16x1,5	7/16 - 20	16 x 1,5	
	NIP 06JM12x1,5	9/16 - 18	12 x 1,5	
	NIP 06JM14x1,5	9/16 - 18	14 x 1,5	
	NIP 06JM16x1,5	9/16 - 18	16 x 1,5	
	NIP 06JM18x1,5	9/16 - 18	18 x 1,5	
	NIP 06JM22x1,5	9/16 - 18	22 x 1,5	
	NIP 08JM12x1,5	3/4 - 16	12 x 1,5	
	NIP 08JM14x1,5	3/4 - 16	14 x 1,5	
	NIP 08JM16x1,5	3/4 - 16	16 x 1,5	
	NIP 08JM18x1,5	3/4 - 16	18 x 1,5	
	NIP 08JM22x1,5	3/4 - 16	22 x 1,5	
	NIP 12JM18x1,5	1 1/16 - 12	18 x 1,5	
	NIP 12JM22x1,5	1 1/16 - 12	22 x 1,5	
	NIP 12JM33x2	1 1/16 - 12	33 x 2	
	NIP 16JM33x1,5	1 5/16 - 12	33 x 1,5	

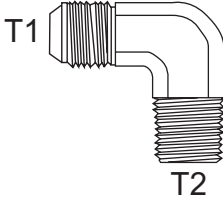
MALE BSPP	Part number	JIC thread (T1)	BSP thread (T2)	Retail price R
	NIP 04J02R	7/16 - 20	1/8 - 28	
	NIP 04J04R	7/16 - 20	1/4 - 19	
	NIP 04J06R	7/16 - 20	3/8 - 19	
	NIP 04J08R	7/16 - 20	1/2 - 14	
	NIP 05J04R	1/2 - 20	1/4 - 19	
	NIP 05J06R	1/2 - 20	3/8 - 19	
	NIP 06J04R	9/16 - 18	1/4 - 19	
	NIP 06J06R	9/16 - 18	3/8 - 19	
	NIP 06J08R	9/16 - 18	1/2 - 14	
	NIP 08J04R	3/4 - 16	1/4 - 19	
	NIP 08J06R	3/4 - 16	3/8 - 19	
	NIP 08J08R	3/4 - 16	1/2 - 14	
	NIP 08J12R	3/4 - 16	3/4 - 14	
	NIP 08J16R	3/4 - 16	1 - 11	
	NIP 10J06R	7/8 - 14	3/8 - 19	
	NIP 10J08R	7/8 - 14	1/2 - 14	
	NIP 10J10R	7/8 - 14	5/8 - 14	
	NIP 10J12R	7/8 - 14	3/4 - 14	
	NIP 12J08R	1 1/16 - 12	1/2 - 14	
	NIP 12J10R	1 1/16 - 12	5/8 - 14	
	NIP 12J12R	1 1/16 - 12	3/4 - 14	
	NIP 12J16R	1 1/16 - 12	1 - 11	
	NIP 16J12R	1 5/16 - 12	3/4 - 14	
	NIP 16J16R	1 5/16 - 12	1 - 11	
	NIP 16J20R	1 5/16 - 12	1 1/4 - 11	
	NIP 16J24R	1 5/16 - 12	1 1/2 - 11	
	NIP 20J16R	1 5/8 - 12	1 - 11	
	NIP 20J20R	1 5/8 - 12	1 1/4 - 11	
	NIP 20J24R	1 5/8 - 12	1 1/2 - 11	
	NIP 24J20R	1 7/8 - 12	1 1/4 - 11	
	NIP 24J24R	1 7/8 - 12	1 1/2 - 11	
	NIP 32J32R	2 1/2 - 12	2 - 11 1/2	

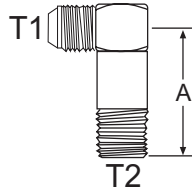
NIPPLE JIC	Part number	JIC thread (T1)	JIC thread (T2)	Retail price R
	NIP 04J02J	7/16 - 20	7/16 - 24	
	NIP 04J04J	7/16 - 20	7/16 - 20	
	NIP 05J04J	1/2 - 20	1/2 - 20	
	NIP 05J05J	1/2 - 20	1/2 - 20	
	NIP 06J04J	9/16 - 18	7/16 - 20	
	NIP 06J05J	9/16 - 18	1/2 - 20	
	NIP 06J06J	9/16 - 18	9/16 - 18	
	NIP 08J06J	3/4 - 16	9/16 - 18	
	NIP 08J08J	3/4 - 16	3/4 - 16	
	NIP 10J08J	7/8 - 14	3/4 - 16	
	NIP 10J10J	7/8 - 14	7/8 - 14	
	NIP 12J08J	1 1/16 - 12	3/4 - 14	
	NIP 12J10J	1 1/16 - 12	7/8 - 14	
	NIP 12J12J	1 1/16 - 12	1 1/16 - 12	
	NIP 16J12J	1 5/16 - 12	1 1/16 - 12	
	NIP 16J16J	1 5/16 - 12	1 5/16 - 12	
	NIP 20J16J	1 5/8 - 12	1 5/16 - 12	
	NIP 20J20J	1 5/8 - 12	1 5/8 - 12	
	NIP 24J24J	1 7/8 - 12	1 7/8 - 12	
	NIP 32J32J	2 1/2 - 12	2 1/2 - 12	

BULKHEAD NIPPLE JIC	Part number	JIC thread (T1)	JIC thread (T2)	Retail price R
	NIP 04BJ04J	7/16 - 20	7/16 - 20	
	NIP 05BJ05J	1/2 - 20	1/2 - 20	
	NIP 06BJ06J	9/16 - 18	9/16 - 18	
	NIP 08BJ08J	3/4 - 16	3/4 - 16	
	NIP 10BJ10J	7/8 - 14	7/8 - 14	
	NIP 12BJ12J	1 1/16 - 12	1 1/16 - 12	
	NIP 16BJ16J	1 5/16 - 12	1 5/16 - 12	
	NIP 20BJ20J	1 5/8 - 12	1 5/8 - 12	
	NIP 24BJ24J	1 7/8 - 12	1 7/8 - 12	

MALE UN	Part number	JIC thread (T1)	Sae thread (T2)	Retail price R
	NIP 04J04UN	7/16 - 20	7/16 - 20	
	NIP 04J05UN	7/16 - 20	1/2 - 20	
	NIP 04J06UN	7/16 - 20	9/16 - 18	
	NIP 04J08UN	7/16 - 20	3/4 - 16	
	NIP 05J04UN	1/2 - 20	7/16 - 20	
	NIP 05J05UN	1/2 - 20	1/2 - 20	
	NIP 05J06UN	1/2 - 20	9/16 - 18	
	NIP 06J04UN	9/16 - 18	7/16 - 20	
	NIP 06J05UN	9/16 - 18	1/2 - 20	
	NIP 06J06UN	9/16 - 18	9/16 - 18	
	NIP 06J08UN	9/16 - 18	3/4 - 16	
	NIP 06J10UN	9/16 - 18	7/8 - 14	
	NIP 08J06UN	3/4 - 16	9/16 - 18	
	NIP 08J08UN	3/4 - 16	3/4 - 16	
	NIP 08J10UN	3/4 - 16	7/8 - 14	
	NIP 08J12UN	3/4 - 16	1 1/16 - 12	
	NIP 10J08UN	7/8 - 14	3/4 - 16	
	NIP 10J10UN	7/8 - 14	7/8 - 14	
	NIP 10J12UN	7/8 - 14	1 1/16 - 12	
	NIP 10J16UN	7/8 - 14	1 5/16 - 12	
	NIP 12J08UN	1 1/16 - 12	3/4 - 16	
	NIP 12J10UN	1 1/16 - 12	7/8 - 14	
	NIP 12J12UN	1 1/16 - 12	1 1/16 - 12	
	NIP 12J16UN	1 1/16 - 12	1 5/16 - 12	
	NIP 16J10UN	1 5/16 - 12	7/8 - 14	
	NIP 16J12UN	1 5/16 - 12	1 1/16 - 12	
	NIP 16J16UN	1 5/16 - 12	1 5/16 - 12	
	NIP 16J20UN	1 5/16 - 12	1 5/8 - 12	
	NIP 20J12UN	1 5/16 - 12	1 1/16 - 12	
	NIP 20J16UN	1 5/8 - 12	1 5/16 - 12	
	NIP 20J20UN	1 5/8 - 12	1 5/8 - 12	
	NIP 20J24UN	1 5/8 - 12	1 7/8 - 12	
	NIP 24J20UN	1 7/8 - 12	1 5/8 - 12	
	NIP 24J24UN	1 7/8 - 12	1 7/8 - 12	
	NIP 32J32UN	2 1/2 - 12	2 1/2 - 12	

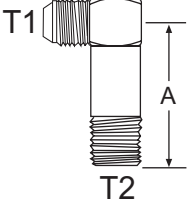


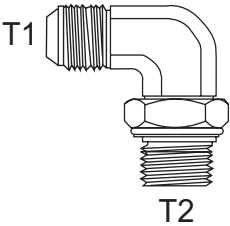
ELBOW NPT	Part number	JIC thread (T1)	NPT thread (T2)	Retail price R
	ELB 04J02N90	7/16 - 20	1/8 - 27	
	ELB 04J04N90	7/16 - 20	1/4 - 18	
	ELB 04J06N90	7/16 - 20	3/8 - 18	
	ELB 04J08N90	7/16 - 20	1/2 - 14	
	ELB 05J02N90	1/2 - 20	1/8 - 27	
	ELB 05J04N90	1/2 - 20	1/4 - 18	
	ELB 05J06N90	1/2 - 20	3/8 - 18	
	ELB 06J02N90	9/16 - 18	1/8 - 27	
	ELB 06J04N90	9/16 - 18	1/4 - 18	
	ELB 06J06N90	9/16 - 18	3/8 - 18	
	ELB 06J08N90	9/16 - 18	1/2 - 14	
	ELB 08J04N90	3/4 - 16	1/4 - 18	
	ELB 08J06N90	3/4 - 16	3/8 - 18	
	ELB 08J08N90	3/4 - 16	1/2 - 14	
	ELB 08J12N90	3/4 - 16	3/4 - 14	
	ELB 10J06N90	7/8 - 14	3/8 - 18	
	ELB 10J08N90	7/8 - 14	1/2 - 14	
	ELB 10J12N90	7/8 - 14	3/4 - 14	
	ELB 12J06N90	1 1/16 - 12	3/8 - 18	
	ELB 12J08N90	1 1/16 - 12	1/2 - 14	
	ELB 12J12N90	1 1/16 - 12	3/4 - 14	
	ELB 12J16N90	1 1/16 - 12	1 - 11 1/2	
	ELB 16J12N90	1 5/16 - 12	3/4 - 14	
	ELB 16J16N90	1 5/16 - 12	1 - 11 1/2	
	ELB 16J20N90	1 5/16 - 12	1 1/4 - 11 1/2	
	ELB 20J16N90	1 5/8 - 12	1 - 11 1/2	
	ELB 20J20N90	1 5/8 - 12	1 1/4 - 11 1/2	
	ELB 20J24N90	1 5/8 - 12	1 1/2 - 11 1/2	
	ELB 24J20N90	1 7/8 - 12	1 1/4 - 11 1/2	
	ELB 24J24N90	1 7/8 - 12	1 1/2 - 11 1/2	
	ELB 32J32N90	2 1/2 - 12	2 - 11 1/2	

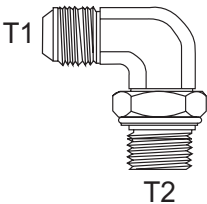
LONG ELBOW NPT	Part number	JIC thread (T1)	JIC thread (T2)	Dim A	Retail price R
	ELB 04J02N90E	7/16 - 20	1/8 - 27	30mm	
	ELB 04J04N90E	7/16 - 20	1/4 - 18	40mm	
	ELB 05J02N90E	1/2 - 20	1/8 - 27	30mm	
	ELB 05J04N90E	1/2 - 20	1/4 - 18	40mm	
	ELB 06J04N90E	9/16 - 18	1/4 - 18	40mm	
	ELB 06J06N90E	9/16 - 18	3/8 - 18	46mm	
	ELB 08J06N90E	3/4 - 18	3/8 - 18	46mm	
	ELB 08J08N90E	3/4 - 16	1/2 - 14	55mm	
	ELB 10J08N90E	7/8 - 14	1/2 - 14	55mm	
	ELB 12J08N90E	1 1/16 - 12	1/2 - 14	55mm	
	ELB 12J12N90E	1 1/16 - 12	3/4 - 14	62mm	
	ELB 16J16N90E	1 5/16 - 12	1 - 11 1/2	76mm	
	ELB 20J20N90E	1 5/8 - 12	1 1/4 - 11 1/2	94mm	

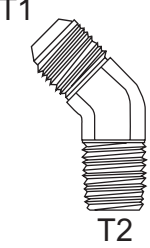
## JIC 37°

## Flared Tube Fittings

EXTRA LONG ELBOW NPT	Part number	JIC thread (T1)	NPT thread (T2)	Dim A	Retail price R
	ELB 04J02N90EE	7/16 - 20	1/8 - 27	39.6mm	
	ELB 04J04N90EE	7/16 - 20	1/4 - 18	52.6mm	
	ELB 05J02N90EE	1/2 - 20	1/8 - 27	41.4mm	
	ELB 05J04N90EE	1/2 - 20	1/4 - 18	52.6mm	
	ELB 06J04N90EE	9/16 - 18	1/4 - 18	52.6mm	
	ELB 06J06N90EE	9/16 - 18	3/8 - 18	61.5mm	
	ELB 08J06N90EE	3/4 - 18	3/8 - 18	61.5mm	
	ELB 08J08N90EE	3/4 - 16	1/2 - 14	72.9mm	
	ELB 10J08N90EE	7/8 - 14	1/2 - 14	72.9mm	
	ELB 12J08N90EE	1 1/16 - 12	1/2 - 14	83.0mm	
	ELB 12J12N90EE	1 1/16 - 12	3/4 - 14	83.0mm	
	ELB 16J16N90EE	1 5/16 - 12	1 - 11 1/2	102.9mm	
	ELB 20J20N90EE	1 5/8 - 12	1 1/4 - 11 1/2	172.0mm	

ADJUSTABLE ELBOW BSPP	Part number	JIC thread (T1)	BSPP thread (T2)	Retail price R
	ELB 04J02R90	7/16 - 20	1/8 - 28	
	ELB 04J04R90	7/16 - 20	1/4 - 19	
	ELB 04J06R90	7/16 - 20	3/8 - 19	
	ELB 05J04R90	1/2 - 20	1/4 - 19	
	ELB 06J04R90	9/16 - 18	1/4 - 19	
	ELB 06J06R90	9/16 - 18	3/8 - 19	
	ELB 06J08R90	9/16 - 18	1/2 - 14	
	ELB 08J06R90	3/4 - 16	3/8 - 19	
	ELB 08J08R90	3/4 - 16	1/2 - 14	
	ELB 08J12R90	3/4 - 16	3/4 - 14	
	ELB 10J06R90	7/8 - 14	3/8 - 19	
	ELB 10J08R90	7/8 - 14	1/2 - 14	
	ELB 10J12R90	7/8 - 14	3/4 - 14	
	ELB 12J08R90	1 1/16 - 12	1/2 - 14	
	ELB 12J12R90	1 1/16 - 12	3/4 - 14	
	ELB 12J16R90	1 1/16 - 12	1 - 11	
	ELB 16J12R90	1 5/16 - 12	3/4 - 14	
	ELB 16J16R90	1 5/16 - 12	1 - 11	
	ELB 16J20R90	1 5/16 - 12	1 1/4 - 11	
	ELB 20J16R90	1 5/8 - 12	1 - 11	
ELB 20J20R90	1 5/8 - 12	1 1/4 - 11		
ELB 24J20R90	1 7/8 - 12	1 1/4 - 11		
ELB 24J24R90	1 7/8 - 12	1 1/2 - 11		

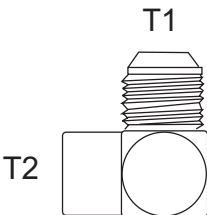
ADJUSTABLE ELBOW METRIC	Part number	JIC thread (T1)	Metric thread (T2)	Retail price R
	ELB 06JM14x1,5	9/16 - 18	14 x 1,5	

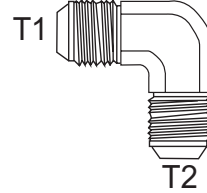
MALE 45° ELBOW NPT	Part number	JIC thread (T1)	NPT thread (T2)	Retail price R
	ELB 04J02N45	7/16 - 20	1/8 - 27	
	ELB 04J04N45	7/16 - 20	1/4 - 18	
	ELB 04J06N45	7/16 - 20	3/8 - 18	
	ELB 04J08N45	7/16 - 20	1/2 - 14	
	ELB 05J02N45	1/2 - 20	1/8 - 27	
	ELB 05J04N45	1/2 - 20	1/4 - 18	
	ELB 06J02N45	9/16 - 18	1/8 - 18	
	ELB 06J04N45	9/16 - 18	1/4 - 18	
	ELB 06J06N45	9/16 - 18	3/8 - 18	
	ELB 06J08N45	9/16 - 18	1/2 - 14	
	ELB 08J04N45	3/4 - 16	1/4 - 18	
	ELB 08J06N45	3/4 - 16	3/8 - 18	
	ELB 08J08N45	3/4 - 16	1/2 - 14	
	ELB 08J12N45	3/4 - 16	3/4 - 14	
	ELB 10J06N45	7/8 - 14	3/8 - 18	
	ELB 10J08N45	7/8 - 14	1/2 - 14	
	ELB 10J12N45	7/8 - 14	3/4 - 14	
	ELB 12J08N45	1 1/16 - 12	1/2 - 14	
	ELB 12J12N45	1 1/16 - 12	3/4 - 14	
	ELB 12J16N45	1 1/16 - 12	1 - 11 1/2	
	ELB 16J12N45	1 5/16 - 12	3/4 - 14	
	ELB 16J16N45	1 5/16 - 12	1 - 11 1/2	
	ELB 16J20N45	1 5/16 - 12	1 1/4 - 11 1/2	
	ELB 20J16N45	1 5/8 - 12	1 - 11 1/2	
	ELB 20J20N45	1 5/8 - 12	1 1/4 - 11 1/2	
	ELB 24J20N45	1 7/8 - 12	1 1/4 - 11 1/2	
	ELB 24J24N45	1 7/8 - 12	1 1/2 - 11 1/2	
	ELB 32J32N45	2 1/2 - 12	2 - 11 1/2	

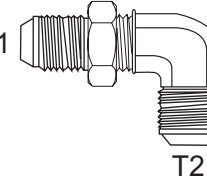


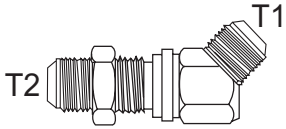
## JIC 37°

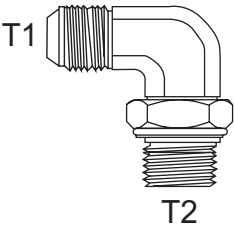
## Flared Tube Fittings

MALE - FEMALE 90° ELBOW NPTF	Part number	JIC thread (T1)	NPT thread (T2)	Retail price R
	ELB 04J02FN90	7/16 - 20	1/8 - 27	
	ELB 04J04FN90	7/16 - 20	1/4 - 18	
	ELB 04J06FN90	7/16 - 20	3/8 - 18	
	ELB 05J02FN90	1/2 - 20	1/8 - 27	
	ELB 05J04FN90	1/2 - 20	1/4 - 18	
	ELB 06J02FN90	9/16 - 18	1/8 - 27	
	ELB 06J04FN90	9/16 - 18	1/4 - 18	
	ELB 06J06FN90	9/16 - 18	3/8 - 18	
	ELB 06J08FN90	9/16 - 18	1/2 - 14	
	ELB 08J06FN90	3/4 - 16	3/8 - 18	
	ELB 08J08FN90	3/4 - 16	1/2 - 14	
	ELB 10J08FN90	7/8 - 14	1/2 - 14	
	ELB 12J08FN90	1 1/16 - 12	1/2 - 14	
	ELB 12J12FN90	1 1/16 - 12	3/4 - 14	
	ELB 16J16FN90	1 5/16 - 12	1 - 11 1/2	
	ELB 20J20FN90	1 5/8 - 12	1 1/4 - 11 1/2	

EQUAL ELBOW	Part number	JIC thread (T1)	JIC thread (T2)	Retail price R
	ELB 04J04J90	7/16 - 20	7/16 - 20	
	ELB 05J05J90	1/2 - 20	1/2 - 20	
	ELB 06J04J90	9/16 - 18	7/16 - 20	
	ELB 06J06J90	9/16 - 18	9/16 - 18	
	ELB 08J06J90	3/4 - 16	9/16 - 18	
	ELB 08J08J90	3/4 - 16	3/4 - 16	
	ELB 10J10J90	7/8 - 14	7/8 - 14	
	ELB 12J12J90	1 1/16 - 12	1 1/16 - 12	
	ELB 16J16J90	1 5/16 - 12	1 5/16 - 12	
	ELB 20J20J90	1 5/8 - 12	1 5/8 - 12	
	ELB 24J24J90	1 7/8 - 12	1 7/8 - 12	

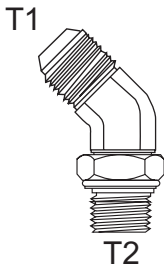
BULKHEAD ELBOW 90°	Part number	JIC thread (T1)	JIC thread (T2)	Retail price R
	ELB 04BJ04J90	7/16 - 20	7/16 - 20	
	ELB 05BJ05J90	1/2 - 20	1/2 - 20	
	ELB 06BJ06J90	9/16 - 18	9/16 - 18	
	ELB 08BJ08J90	3/4 - 16	3/4 - 16	
	ELB 10BJ10J90	7/8 - 14	7/8 - 14	
	ELB 12BJ12J90	1 1/16 - 12	1 1/16 - 12	
	ELB 16BJ16J90	1 5/16 - 12	1 5/16 - 12	
	ELB 20BJ20J90	1 5/8 - 12	1 5/8 - 12	
	ELB 24BJ24J90	1 7/8 - 12	1 7/8 - 12	

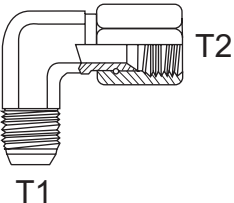
BULKHEAD ELBOW 45°	Part number	JIC thread (T1)	JIC thread (T2)	Retail price R
	ELB 04BJ04J45	7/16 - 20	7/16 - 20	
	ELB 05BJ05J45	1/2 - 20	1/2 - 20	
	ELB 06BJ06J45	9/16 - 18	9/16 - 18	
	ELB 08BJ08J45	3/4 - 16	3/4 - 16	
	ELB 10BJ10J45	7/8 - 14	7/8 - 14	
	ELB 12BJ12J45	1 1/16 - 12	1 1/16 - 12	
	ELB 16BJ16J45	1 5/16 - 12	1 5/16 - 12	

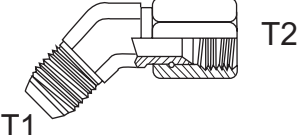
ADJUSTABLE ELBOW UN	Part number	JIC thread (T1)	UN thread (T2)	Retail price R
	ELB 04J04UN90	7/16 - 20	7/16 - 20	
	ELB 04J05UN90	7/16 - 20	1/2 - 20	
	ELB 04J06UN90	7/16 - 20	9/16 - 18	
	ELB 04J08UN90	7/16 - 20	3/4 - 16	
	ELB 05J04UN90	1/2 - 20	7/16 - 20	
	ELB 05J05UN90	1/2 - 20	1/2 - 20	
	ELB 05J06UN90	1/2 - 20	9/16 - 18	
	ELB 06J04UN90	9/16 - 18	7/16 - 20	
	ELB 06J06UN90	9/16 - 18	9/16 - 18	
	ELB 06J08UN90	9/16 - 18	3/4 - 16	
	ELB 06J10UN90	9/16 - 18	7/8 - 14	
	ELB 06J12UN90	9/16 - 18	1 1/16 - 12	
	ELB 08J04UN90	9/16 - 16	7/16 - 20	
	ELB 08J06UN90	3/4 - 16	9/16 - 18	
	ELB 08J08UN90	3/4 - 16	3/4 - 16	
	ELB 08J10UN90	3/4 - 16	7/8 - 14	
	ELB 08J12UN90	3/4 - 16	1 1/16 - 12	
	ELB 10J06UN90	7/8 - 14	9/16 - 18	
	ELB 10J08UN90	7/8 - 14	3/4 - 16	
	ELB 10J10UN90	7/8 - 14	7/8 - 14	
	ELB 10J12UN90	7/8 - 14	1 1/16 - 12	
	ELB 12J08UN90	1 1/16 - 12	3/4 - 16	
	ELB 12J10UN90	1 1/16 - 12	7/8 - 14	
	ELB 12J12UN90	1 1/16 - 12	1 1/16 - 12	
	ELB 12J16UN90	1 1/16 - 12	1 5/16 - 12	
	ELB 16J12UN90	1 5/16 - 12	1 1/16 - 12	
	ELB 16J16UN90	1 5/16 - 12	1 5/16 - 12	
	ELB 16J20UN90	1 5/16 - 12	1 5/8 - 12	
	ELB 20J16UN90	1 5/8 - 12	1 5/16 - 12	
	ELB 20J20UN90	1 5/8 - 12	1 5/8 - 12	
ELB 24J20UN90	1 7/8 - 12	1 5/8 - 12		
ELB 24J24UN90	1 7/8 - 12	1 7/8 - 12		

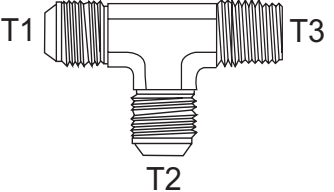
## JIC 37°

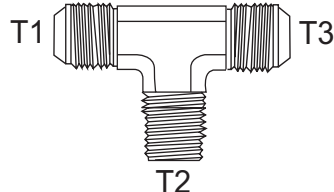
## Flared Tube Fittings

ADJUSTABLE ELBOW UN 45°	Part number	JIC thread (T1)	UN thread (T2)	Retail price R
	ELB 04J04UN45	7/16 - 20	7/16 - 20	
	ELB 04J05UN45	7/16 - 20	1/2 - 20	
	ELB 04J06UN45	7/16 - 20	9/16 - 18	
	ELB 05J04UN45	1/2 - 20	7/16 - 20	
	ELB 05J05UN45	1/2 - 20	1/2 - 20	
	ELB 05J06UN45	1/2 - 20	9/16 - 18	
	ELB 06J04UN45	9/16 - 18	7/16 - 20	
	ELB 06J05UN45	9/16 - 18	1/2 - 20	
	ELB 06J06UN45	9/16 - 18	9/16 - 18	
	ELB 06J08UN45	9/16 - 18	3/4 - 16	
	ELB 08J06UN45	3/4 - 18	9/16 - 18	
	ELB 08J08UN45	3/4 - 16	3/4 - 16	
	ELB 08J10UN45	3/4 - 16	7/8 - 14	
	ELB 08J12UN45	3/4 - 16	1 1/16 - 12	
	ELB 10J08UN45	7/8 - 14	3/4 - 16	
	ELB 10J10UN45	7/8 - 14	7/8 - 14	
	ELB 10J12UN45	7/8 - 14	1 1/16 - 12	
	ELB 12J08UN45	1 1/16 - 12	3/4 - 16	
	ELB 12J10UN45	1 1/16 - 12	7/8 - 14	
	ELB 12J12UN45	1 1/16 - 12	1 1/16 - 12	
	ELB 12J16UN45	1 1/16 - 12	1 5/16 - 12	
	ELB 16J12UN45	1 5/16 - 12	1 1/16 - 12	
	ELB 16J16UN45	1 5/16 - 12	1 5/16 - 12	
	ELB 16J20UN45	1 5/16 - 12	1 5/16 - 12	
ELB 20J16UN45	1 5/8 - 12	1 5/16 - 12		
ELB 20J20UN45	1 5/8 - 12	1 5/8 - 12		
ELB 24J24UN45	1 7/8 - 12	1 7/8 - 12		

SWIVEL NUT ELBOW	Part number	JIC thread (T1)	JIC thread (T2)	Retail price R
	ELB 04J04FJS90	7/16 - 20	7/16 - 20	
	ELB 05J05FJS90	1/2 - 20	1/2 - 20	
	ELB 06J06FJS90	9/16 - 18	9/16 - 18	
	ELB 08J08FJS90	3/4 - 16	3/4 - 16	
	ELB 10J10FJS90	7/8 - 14	7/8 - 14	
	ELB 12J12FJS90	1 1/16 - 12	1 1/16 - 12	
	ELB 16J16FJS90	1 5/16 - 12	1 5/16 - 12	
	ELB 20J20FJS90	1 5/8 - 12	1 5/8 - 12	
	ELB 24J24FJS90	1 7/8 - 12	1 7/8 - 12	
	ELB 32J32FJS90	2 1/2 - 12	2 1/2 - 12	

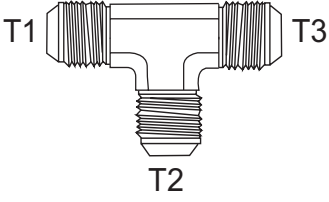
SWIVEL NUT 45° ELBOW	Part number	JIC thread (T1)	JIC thread (T2)	Retail price R
	ELB 04J04FJS45	7/16 - 20	7/16 - 20	
	ELB 05J05FJS45	1/2 - 20	1/2 - 20	
	ELB 06J06FJS45	9/16 - 18	9/16 - 18	
	ELB 08J08FJS45	3/4 - 16	3/4 - 16	
	ELB 10J10FJS45	7/8 - 14	7/8 - 14	
	ELB 12J12FJS45	1 1/16 - 12	1 1/16 - 12	
	ELB 16J16FJS45	1 5/16 - 12	1 5/16 - 12	
	ELB 20J20FJS45	1 5/8 - 12	1 5/8 - 12	
	ELB 24J24FJS45	1 7/8 - 12	1 7/8 - 12	

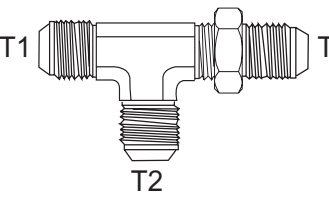
MALE RUN TEE NPT	Part number	JIC thread (T1 & T2)	NPT thread (3)	Retail price R
	TEE 04J04J02N	7/16 - 20	1/8 - 27	
	TEE 04J04J04N	7/16 - 20	1/4 - 18	
	TEE 05J05J02N	1/2 - 20	1/8 - 27	
	TEE 05J05J04N	1/2 - 20	1/4 - 18	
	TEE 06J06J04N	9/16 - 18	1/4 - 18	
	TEE 06J06J06N	9/16 - 18	3/8 - 18	
	TEE 08J08J06N	3/4 - 16	3/8 - 18	
	TEE 08J08J08N	3/4 - 16	1/2 - 14	
	TEE 10J10J08N	7/8 - 14	1/2 - 14	
	TEE 12J12J12N	1 1/16 - 12	3/4 - 14	
	TEE 16J16J12N	1 5/16 - 12	3/4 - 14	
	TEE 16J16J16N	1 5/16 - 12	1 - 11 1/2	
	TEE 20J20J20N	1 5/8 - 12	1 1/4 - 11 1/2	
	TEE 24J24J24N	1 7/8 - 12	1 1/2 - 11 1/2	

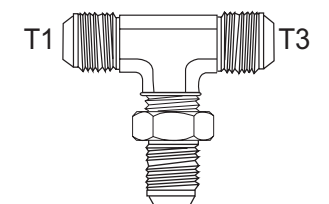
MALE BRANCH TEE NPT	Part number	JIC thread (T1 & T3)	NPT thread (T1 & T2)	Retail price R
	TEE 04J02N04J	7/16 - 20	1/8 - 27	
	TEE 04J04N04J	7/16 - 20	1/4 - 18	
	TEE 05J02N05J	1/2 - 20	1/8 - 27	
	TEE 05J04N05J	1/2 - 20	1/4 - 18	
	TEE 06J04N06J	9/16 - 18	1/4 - 18	
	TEE 06J06N06J	9/16 - 18	3/8 - 18	
	TEE 08J06N08J	3/4 - 16	3/8 - 18	
	TEE 08J08N08J	3/4 - 16	1/2 - 14	
	TEE 10J08N10J	7/8 - 14	1/2 - 14	
	TEE 10J12N10J	7/8 - 14	3/4 - 14	
	TEE 12J12N12J	1 1/16 - 12	3/4 - 14	
	TEE 16J16N16J	1 5/16 - 12	1 - 11 1/2	
	TEE 20J20N20J	1 5/8 - 12	1 1/4 - 11 1/2	
	TEE 24J24N24J	1 7/8 - 12	1 1/2 - 11 1/2	

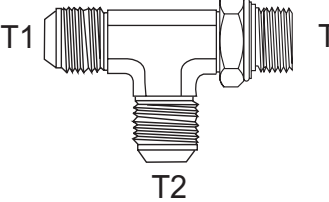
## JIC 37°

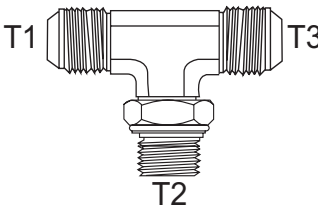
## Flared Tube Fittings

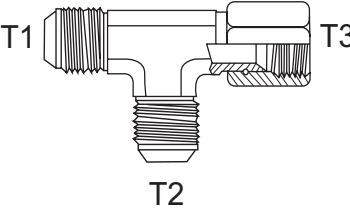
EQUAL TEE	Part number	JIC thread (T1, T2 & T3)		Retail price R
	TEE 04J04J04J	7/16 - 20		
	TEE 05J05J05J	1/2 - 20		
	TEE 06J06J06J	9/16 - 18		
	TEE 08J08J08J	3/4 - 16		
	TEE 08J10J08J	3/4 - 16(T1+T3)	7/8 - 14(T2)	
	TEE 10J10J10J	7/8 - 14		
	TEE 12J12J12J	1 1/16 - 12		
	TEE 16J16J16J	1 5/16 - 12		
	TEE 20J20J20J	1 5/8 - 12		
	TEE 24J24J24J	1 7/8 - 12		

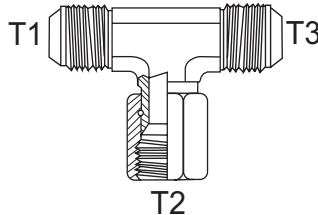
BULKHEAD RUN TEE	Part number	JIC thread (T1, T2 & T3)		Retail price R
	TEE 04J04J04BJ	7/16 - 20		
	TEE 05J05J05BJ	1/2 - 20		
	TEE 06J06J06BJ	9/16 - 18		
	TEE 08J08J08BJ	3/4 - 16		
	TEE 10J10J10BJ	7/8 - 14		
	TEE 12J12J12BJ	1 1/16 - 12		
	TEE 16J16J16BJ	1 5/16 - 12		

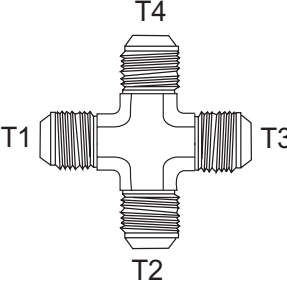
BULKHEAD BRANCH TEE	Part number	JIC thread (T1, T2 & T3)		Retail price R
	TEE 04J04BJ04J	7/16 - 20		
	TEE 05J05BJ05J	1/2 - 20		
	TEE 06J06BJ06J	9/16 - 18		
	TEE 08J08BJ08J	3/4 - 16		
	TEE 10J10BJ10J	7/8 - 14		
	TEE 12J12BJ12J	1 1/16 - 12		
	TEE 16J16BJ16J	1 5/16 - 12		

ADJUSTABLE RUN TEE UN	Part number	JIC thread (T1 & T2)	UN thread (T3)	Retail price R
	TEE 04J04J04UN	7/16 - 20	7/16 - 20	
	TEE 05J05J05UN	1/2 - 20	1/2 - 20	
	TEE 06J06J06UN	9/16 - 18	9/16 - 18	
	TEE 08J08J08UN	3/4 - 16	3/4 - 16	
	TEE 10J10J10UN	7/8 - 14	7/8 - 14	
	TEE 12J12J12UN	1 1/16 - 12	1 1/16 - 12	
	TEE 16J16J16UN	1 5/16 - 12	1 5/16 - 12	
	TEE 20J20J20UN	1 5/8 - 12	1 5/8 - 12	
	TEE 24J24J24UN	1 7/8 - 12	1 7/8 - 12	

ADJUSTABLE BRANCH TEE UN	Part number	JIC thread (T1 & T3)	UN thread (T2)	Retail price R
	TEE 04J04UN04J	7/16 - 20	7/16 - 20	
	TEE 05J05UN05J	1/2 - 20	1/2 - 20	
	TEE 06J06UN06J	9/16 - 18	9/16 - 18	
	TEE 08J08UN08J	3/4 - 16	3/4 - 16	
	TEE 10J10UN10J	7/8 - 14	7/8 - 14	
	TEE 12J12UN12J	1 1/16 - 12	1 1/16 - 12	
	TEE 16J16UN16J	1 5/16 - 12	1 5/16 - 12	
	TEE 20J20UN20J	1 5/8 - 12	1 5/8 - 12	
	TEE 24J24UN24J	1 7/8 - 12	1 7/8 - 12	

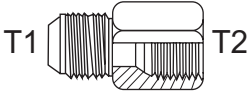
SWIVEL NUT RUN TEE	Part number	JIC thread (T1 & T2)	JIC thread (T3)	Retail price R
	TEE 04J04J04FJS	7/16 - 20	7/16 - 20	
	TEE 05J05J05FJS	1/2 - 20	1/2 - 20	
	TEE 06J06J06FJS	9/16 - 18	9/16 - 18	
	TEE 08J08J08FJS	3/4 - 16	3/4 - 16	
	TEE 10J10J10FJS	7/8 - 14	7/8 - 14	
	TEE 12J12J12FJS	1 1/16 - 12	1 1/16 - 12	
	TEE 16J16J16FJS	1 5/16 - 12	1 5/16 - 12	
	TEE 20J20J20FJS	1 5/8 - 12	1 5/8 - 12	
	TEE 24J24J24FJS	1 7/8 - 12	1 7/8 - 12	

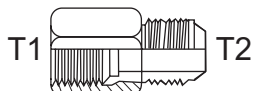
SWIVEL NUT BRANCH TEE	Part number	JIC thread (T1 & T3)	JIC thread (T2 swivel)	Retail price R
	TEE 04J04FJS04J	7/16 - 20	7/16 - 20	
	TEE 05J05FJS05J	1/2 - 20	1/2 - 20	
	TEE 06J06FJS06J	9/16 - 18	9/16 - 18	
	TEE 08J08FJS08J	3/4 - 16	3/4 - 16	
	TEE 10J10FJS10J	7/8 - 14	7/8 - 14	
	TEE 12J12FJS12J	1 1/16 - 12	1 1/16 - 12	
	TEE 16J16FJS16J	1 5/16 - 12	1 5/16 - 12	
	TEE 20J20FJS20J	1 5/8 - 12	1 5/8 - 12	
	TEE 24J24FJS24J	1 7/8 - 12	1 7/8 - 12	

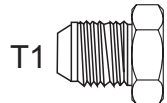
EQUAL CROSS	Part number	JIC thread (T1, T2, T3 & T4)		Retail price R
	CRO 04MJ	7/16 - 20		
	CRO 05MJ	1/2 - 20		
	CRO 06MJ	9/16 - 18		
	CRO 08MJ	3/4 - 16		
	CRO 10MJ	7/8 - 14		
	CRO 12MJ	1 1/16 - 12		
	CRO 16MJ	1 5/16 - 12		
	CRO 20MJ	1 5/8 - 12		
	CRO 24MJ	1 7/8 - 12		

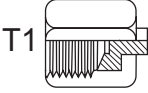
## JIC 37°

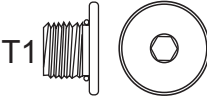
## Flared Tube Fittings


REDUCING BUSH NPTF	Part number	JIC thread (T1)	NPT thread (T2)	Retail price R
	RED 04J02FN	7/16 - 20	1/8 - 27	
	RED 04J04FN	7/16 - 20	1/4 - 18	
	RED 05J02FN	1/2 - 20	1/8 - 27	
	RED 05J04FN	1/2 - 20	1/4 - 18	
	RED 06J04FN	9/16 - 18	1/4 - 18	
	RED 06J06FN	9/16 - 18	3/8 - 18	
	RED 08J06FN	3/4 - 16	3/8 - 18	
	RED 08J08FN	3/4 - 16	1/2 - 14	
	RED 10J08FN	7/8 - 14	1/2 - 14	
	RED 12J12FN	1 1/16 - 12	3/4 - 14	
	RED 16J16FN	1 5/16 - 12	1 - 11 1/2	

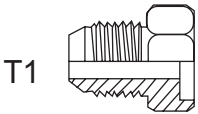
TUBE END REDUCER	Part number	JIC thread (T1)	JIC thread (T2)	Retail price R
	RED 06FJS04J	9/16 - 18	7/16 - 20	
	RED 06FJS05J	9/16 - 18	1/2 - 20	
	RED 08FJS04J	3/4 - 16	7/16 - 20	
	RED 08FJS06J	3/4 - 16	9/16 - 18	
	RED 10FJS06J	7/8 - 14	9/16 - 18	
	RED 10FJS08J	7/8 - 14	3/4 - 16	
	RED 12FJS04J	1 1/16 - 12	7/16 - 20	
	RED 12FJS06J	1 1/16 - 12	9/16 - 18	
	RED 12FJS08J	1 1/16 - 12	3/4 - 16	
	RED 12FJS10J	1 1/16 - 12	7/8 - 14	
	RED 16FJS12J	1 5/16 - 12	1 1/16 - 12	
	RED 20FJS12J	1 5/8 - 12	1 1/16 - 12	
	RED 20FJS16J	1 5/8 - 12	1 5/16 - 12	
	RED 24FJS16J	1 7/8 - 12	1 5/16 - 12	
	RED 24FJS20J	1 7/8 - 12	1 5/8 - 12	

MALE PLUG	Part number	JIC thread (T1)		Retail price R
	HHP 04J	7/16 - 20		
	HHP 05J	1/2 - 20		
	HHP 06J	9/16 - 18		
	HHP 08J	3/4 - 16		
	HHP 10J	7/8 - 14		
	HHP 12J	1 1/16 - 12		
	HHP 16J	1 5/16 - 12		
	HHP 20J	1 5/8 - 12		
	HHP 24J	1 7/8 - 12		
	HHP 32J	2 1/2 - 12		

FEMALE CAP	Part number	JIC thread (T1)		Retail price R
	CAP 04FJ	7/16 - 20		
	CAP 05FJ	1/2 - 20		
	CAP 06FJ	9/16 - 18		
	CAP 08FJ	3/4 - 16		
	CAP 10FJ	7/8 - 14		
	CAP 12FJ	1 1/16 - 12		
	CAP 16FJ	1 5/16 - 12		
	CAP 20FJ	1 5/8 - 12		
	CAP 24FJ	1 7/8 - 12		
	CAP 32FJ	2 1/2 - 12		

ALLEN KEY PLUG UN O-RING	Part number	UN thread (T1)		Retail price R
	AKP 02UN	5/16 - 24		
	AKP 04UN	7/16 - 20		
	AKP 05UN	1/2 - 20		
	AKP 06UN	3/8 - 18		
	AKP 08UN	3/4 - 16		
	AKP 10UN	7/8 - 14		
	AKP 12UN	1 1/16 - 12		
	AKP 16UN	1 5/16 - 12		
	AKP 20UN	1 5/8 - 12		
	AKP 24UN	1 7/8 - 12		

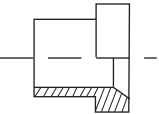
HEX HEAD PLUG UN O-RING	Part number	UN thread (T1)		Retail price R
	HHP 04UN	7/16 - 20		
	HHP 05UN	1/2 - 20		
	HHP 06UN	9/16 - 18		
	HHP 08UN	3/4 - 16		
	HHP 10UN	7/8 - 14		
	HHP 12UN	1 1/16 - 12		
	HHP 16UN	1 5/16 - 12		
	HHP 20UN	1 5/8 - 12		
	HHP 24UN	1 7/8 - 12		

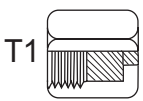
MALE WELD TUBE END	Part number	JIC thread (T1)	Tube outside diameter	Retail price R
	WEL 04J	7/16 - 20	6	
	WEL 05J	1/2 - 20	8	
	WEL 06J	9/16 - 18	10	
	WEL 08J	3/4 - 16	12	
	WEL 10J	7/8 - 14	14 - 16	
	WEL 12J	1 1/16 - 12	18 - 20	
	WEL 16J	1 5/16 - 12	25	
	WEL 20J	1 5/8 - 12	30	

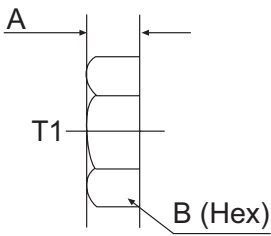


## JIC 37°

## Flared Tube Fittings

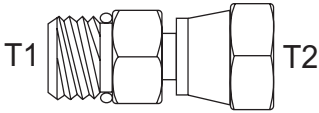
METRIC AND IMPERIAL SLEEVE	Part number	Tube sleeve size (imperial)	Tube sleeve size (metric)	Retail price R
	SLE 04J	1/4"	6.35mm	
	SLE 05J	5/16"	7.94mm	
	SLE 06J	9/16"	9.53mm	
	SLE 08J	1/2"	12.7mm	
	SLE 10J	5/8"	15.88mm	
	SLE 16J	1"	25.40mm	
	SLE 20J	1 1/4"	31.75mm	
	SLE 24J	1 1/2"	38.10mm	
	SLE 10mmJ		10.00mm	
	SLE 12mmJ		12.00mm	
	SLE 18mmJ		18.00mm	
	SLE 20mmJ		20.00mm	
	SLE 30mmJ		30.00mm	

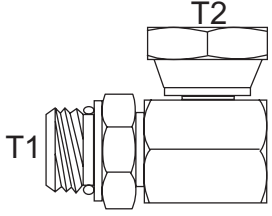
NUT	Part number	JIC thread (T1)	Tube outside diameter	Retail price R
	NUT 04J	7/16 - 20	6mm	
	NUT 05J	1/2 - 20	8mm	
	NUT 06J	9/16 - 18	10mm	
	NUT 08J	3/4 - 16	12mm	
	NUT 10J	7/8 - 14	16mm	
	NUT 12J	1 1/16 - 12	20mm	
	NUT 16J	1 5/16 - 12	25mm	
	NUT 20J	1 5/8 - 12	30mm	
	NUT 24J	1 7/8 - 12	38mm	

BULKHEAD LOCKNUT	Part number	JIC thread (T1)	A	B	Retail price R
	BLN 04BJ	7/16 - 20	6.35mm	7.53mm	
	BLN 05BJ	1/2 - 20	6.35mm	19.05mm	
	BLN 06BJ	9/16 - 18	6.86mm	20.57mm	
	BLN 08BJ	3/4 - 16	7.87mm	25.40mm	
	BLN 10BJ	7/8 - 14	9.14mm	28.45mm	
	BLN 12BJ	1 1/16 - 12	10.41mm	35.05mm	
	BLN 16BJ	1 5/16 - 12	10.41mm	41.15mm	
	BLN 20BJ	1 5/8 - 12	10.41mm	47.75mm	
	BLN 24BJ	1 7/8 - 12	10.41mm	53.85mm	

# NPT

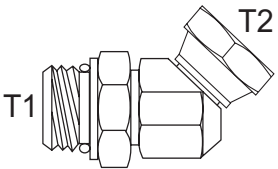
## Pipe Fittings

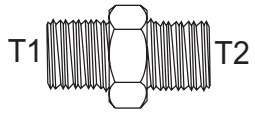
NIPPLE MALE UN - NPTF SW	Part number	UN thread (T1)	NPT thread (T2)	Retail price R
	NIP 04UN04FNS	7/16 - 20	1/4 - 18	
	NIP 05UN04FNS	1/2 - 20	1/4 - 18	
	NIP 05UN06FNS	1/2 - 20	3/8 - 18	
	NIP 06UN04FNS	9/16 - 18	1/4 - 14	
	NIP 06UN06FNS	9/16 - 18	3/8 - 18	
	NIP 06UN08FNS	9/16 - 18	1/2 - 14	
	NIP 08UN04FNS	3/4 - 16	1/4 - 18	
	NIP 08UN06FNS	3/4 - 16	3/8 - 18	
	NIP 08UN08FNS	3/4 - 16	1/2 - 14	
	NIP 08UN10FNS	3/4 - 16	5/8 - 14	
	NIP 08UN12FNS	3/4 - 16	3/4 - 14	
	NIP 10UN06FNS	7/8 - 14	3/8 - 18	
	NIP 10UN08FNS	7/8 - 14	1/2 - 14	
	NIP 10UN12FNS	7/8 - 14	3/4 - 14	
	NIP 12UN08FNS	1 1/16 - 12	1/2 - 14	
	NIP 12UN12FNS	1 1/16 - 12	3/4 - 14	
	NIP 12UN16FNS	1 1/16 - 12	1 - 11 1/2	
	NIP 16UN12FNS	1 5/16 - 12	3/4 - 14	
	NIP 16UN16FNS	1 5/16 - 12	1 - 11 1/2	
	NIP 20UN20FNS	1 5/8 - 12	1 1/4 - 11 1/2	
	NIP 24UN24FNS	1 7/8 - 12	1 1/2 - 11 1/2	

ELBOW 90° MALE UN-NPTF SW	Part number	UN thread (T1)	NPT thread (T2)	Retail price R
	ELB 04UN04FNS90	7/16 - 20	1/4 - 18	
	ELB 06UN04FNS90	9/16 - 18	1/4 - 18	
	ELB 06UN06FNS90	9/16 - 18	3/8 - 18	
	ELB 06UN08FNS90	9/16 - 18	1/2 - 14	
	ELB 08UN06FNS90	3/4 - 16	3/8 - 18	
	ELB 08UN08FNS90	3/4 - 16	1/2 - 14	
	ELB 08UN12FNS90	3/4 - 16	3/4 - 14	
	ELB 10UN06FNS90	7/8 - 14	3/8 - 18	
	ELB 10UN08FNS90	7/8 - 14	1/2 - 14	
	ELB 10UN12FNS90	7/8 - 14	3/4 - 14	
	ELB 12UN08FNS90	1 1/16 - 12	1/2 - 14	
	ELB 12UN12FNS90	1 1/16 - 12	3/4 - 14	
	ELB 16UN12FNS90	1 5/16 - 12	3/4 - 14	
	ELB 16UN16FNS90	1 5/16 - 12	1 - 11 1/2	
	ELB 20UN20FNS90	1 5/8 - 12	1 1/4 - 11 1/2	
	ELB 24UN24FNS90	1 7/8 - 12	1 1/2 - 11 1/2	

## NPT

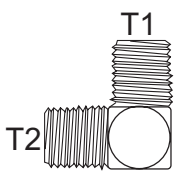
## Pipe Fittings

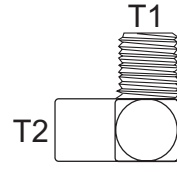
ELBOW 45° MALE UN-NPTF SW	Part number	UN thread (T1)	NPT thread (T2)	Retail price R
	ELB 04UN04FNS45	7/16 - 20	1/4 - 18	
	ELB 06UN04FNS45	9/16 - 18	1/4 - 18	
	ELB 06UN06FNS45	9/16 - 18	3/8 - 18	
	ELB 08UN06FNS45	3/4 - 16	3/8 - 18	
	ELB 08UN08FNS45	3/4 - 16	1/2 - 14	
	ELB 08UN12FNS45	3/4 - 16	3/4 - 14	
	ELB 10UN06FNS45	7/8 - 14	3/8 - 18	
	ELB 10UN08FNS45	7/8 - 14	1/2 - 14	
	ELB 10UN12FNS45	7/8 - 14	3/4 - 14	
	ELB 12UN12FNS45	1 1/16 - 12	3/4 - 14	
	ELB 16UN16FNS45	1 5/16 - 12	1 - 11 1/2	
	ELB 20UN20FNS45	1 5/8 - 12	1 1/4 - 11 1/2	
	ELB 24UN24FNS45	1 7/8 - 12	1 1/2 - 11 1/2	

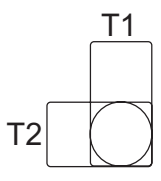
NIPPLE NPT-NPT	Part number	NPT thread (T1)	NPT thread (T2)	Retail price R
	NIP 02N02N	1/8 - 27	1/8 - 27	
	NIP 04N02N	1/4 - 18	1/8 - 27	
	NIP 04N04N	1/4 - 18	1/4 - 18	
	NIP 06N02N	3/8 - 18	1/8 - 27	
	NIP 06N04N	3/8 - 18	1/4 - 18	
	NIP 06N06N	3/8 - 18	3/8 - 18	
	NIP 08N04N	1/2 - 14	1/4 - 18	
	NIP 08N06N	1/2 - 14	3/8 - 18	
	NIP 08N08N	1/2 - 14	1/2 - 14	
	NIP 12N06N	3/4 - 14	3/8 - 18	
	NIP 12N08N	3/4 - 14	1/2 - 14	
	NIP 12N12N	3/4 - 14	3/4 - 14	
	NIP 16N08N	1 - 11 1/2	1/2 - 14	
	NIP 16N12N	1 - 11 1/2	3/4 - 14	
	NIP 16N16N	1 - 11 1/2	1 - 11 1/2	
	NIP 20N12N	1 1/4 - 11 1/2	3/4 - 14	
	NIP 20N16N	1 1/4 - 11 1/2	1 - 11 1/2	
	NIP 20N20N	1 1/4 - 11 1/2	1 1/4 - 11 1/2	
	NIP 24N16N	1 1/2 - 11 1/2	1 - 11 1/2	
	NIP 24N20N	1 1/2 - 11 1/2	1 1/4 - 11 1/2	
	NIP 24N24N	1 1/2 - 11 1/2	1 1/2 - 11 1/2	
NIP 32N24N	2 - 11 1/2	1 1/2 - 11 1/2		
NIP 32N32N	2 - 11 1/2	2 - 11 1/2		

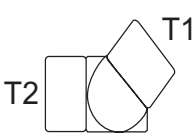
# NPT

## Pipe Fittings

ELBOW 90° NPT-NPT	Part number	NPT thread (T1)	NPT thread (T2)	Retail price R
	ELB 02N02N90	1/8 - 27	1/8 - 27	
	ELB 04N04N90	1/4 - 18	1/4 - 18	
	ELB 06N06N90	3/8 - 18	3/8 - 18	
	ELB 08N08N90	1/2 - 14	1/2 - 14	
	ELB 12N12N90	3/4 - 14	3/4 - 14	
	ELB 16N16N90	1 - 11 1/2	1 - 11 1/2	
	ELB 20N20N90	1 1/4 - 11 1/2	1 1/4 - 11 1/2	
	ELB 24N24N90	1 1/2 - 11 1/2	1 1/2 - 11 1/2	
	ELB 32N32N90	2 - 11 1/2	2 - 11 1/2	

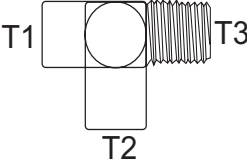
ELBOW NPT MALE FEMALE 90°	Part number	NPT thread (T1)	NPT thread (T2)	Retail price R
	ELB 02N02FN90	1/8 - 27	1/8 - 27	
	ELB 04N04FN90	1/4 - 18	1/4 - 18	
	ELB 04N06FN90	1/4 - 18	3/8 - 18	
	ELB 06N04FN90	3/8 - 18	1/4 - 18	
	ELB 06N06FN90	3/8 - 18	3/8 - 18	
	ELB 08N08FN90	1/2 - 14	1/2 - 14	
	ELB 12N12FN90	3/4 - 14	3/4 - 14	
	ELB 16N16FN90	1 - 11 1/2	1 - 11 1/2	
	ELB 20N20FN90	1 1/4 - 11 1/2	1 1/4 - 11 1/2	
	ELB 24N24FN90	1 1/2 - 11 1/2	1 1/2 - 11 1/2	
ELB 32N32FN90	2 - 11 1/2	2 - 11 1/2		

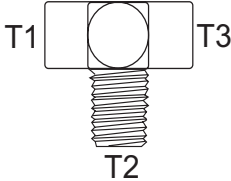
ELBOW NPT FEMALE 90°	Part number	NPT thread (T1)	NPT thread (T2)	Retail price R
	ELB 02FN02FN90	1/8 - 27	1/8 - 27	
	ELB 04FN04FN90	1/4 - 18	1/4 - 18	
	ELB 06FN06FN90	3/8 - 18	3/8 - 18	
	ELB 08FN08FN90	1/2 - 14	1/2 - 14	
	ELB 12FN12FN90	3/4 - 14	3/4 - 14	
	ELB 16FN16FN90	1 - 11 1/2	1 - 11 1/2	
	ELB 20FN20FN90	1 1/4 - 11 1/2	1 1/4 - 11 1/2	
	ELB 24FN24FN90	1 1/2 - 11 1/2	1 1/2 - 11 1/2	

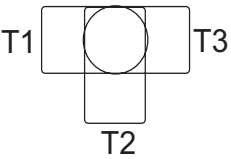
ELBOW NPT FEMALE 45°	Part number	NPT thread (T1)	NPT thread (T2)	Retail price R
	ELB 02FN02FN45	1/8 - 27	1/8 - 27	
	ELB 04FN04FN45	1/4 - 18	1/4 - 18	
	ELB 06FN06FN45	3/8 - 18	3/8 - 18	
	ELB 08FN08FN45	1/2 - 14	1/2 - 14	
	ELB 12FN12FN45	3/4 - 14	3/4 - 14	
	ELB 16FN16FN45	1 - 11 1/2	1 - 11 1/2	

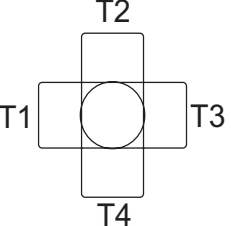
## NPT

## Pipe Fittings

RUN TEE NPT	Part number	NPT thread (T1 & T2)	NPT thread (3)	Retail price R
	TEE 02FN02FN02N	1/8 - 27	1/8 - 27	
	TEE 04FN04FN04N	1/4 - 18	1/4 - 18	
	TEE 06FN06FN06N	3/8 - 18	3/8 - 18	
	TEE 08FN08FN08N	1/2 - 14	1/2 - 14	
	TEE 12FN12FN12N	3/4 - 14	3/4 - 14	
	TEE 16FN16FN16N	1 - 11 1/2	1 - 11 1/2	
	TEE 20FN20FN20N	1 1/4 - 11 1/2	1 1/4 - 11 1/2	
	TEE 24FN24FN24N	1 1/2 - 11 1/2	1 1/2 - 11 1/2	
	TEE 32FN32FN32N	2 - 11 1/2	2 - 11 1/2	

BRANCH TEE NPT	Part number	NPT thread (T1 & T3)	NPT thread (T2)	Retail price R
	TEE 02FN02N02FN	1/8 - 27	1/8 - 27	
	TEE 04FN04N04FN	1/4 - 18	1/4 - 18	
	TEE 06FN06N06FN	3/8 - 18	3/8 - 18	
	TEE 08FN08N08FN	1/2 - 14	1/2 - 14	
	TEE 12FN12N12FN	3/4 - 14	3/4 - 14	
	TEE 16FN16N16FN	1 - 11 1/2	1 - 11 1/2	
	TEE 20FN20N20FN	1 1/4 - 11 1/2	1 1/4 - 11 1/2	
	TEE 24FN24N24FN	1 1/2 - 11 1/2	1 1/2 - 11 1/2	

EQUAL TEE NPT	Part number	NPT thread (T1, T2 & T3)		Retail price R
	TEE 02FFFN	1/8 - 27		
	TEE 04FFFN	1/4 - 18		
	TEE 06FFFN	3/8 - 18		
	TEE 08FFFN	1/2 - 14		
	TEE 12FFFN	3/4 - 14		
	TEE 16FFFN	1 - 11 1/2		
	TEE 20FFFN	1 1/4 - 11 1/2		
	TEE 24FFFN	1 1/2 - 11 1/2		
	TEE 32FFFN	2 - 11 1/2		

FEMALE CROSS NPT	Part number	NPT thread (T1, T2, T3 & T4)		Retail price R
	CRO 02FFFFN	1/8 - 27		
	CRO 04FFFFN	1/4 - 18		
	CRO 06FFFFN	3/8 - 18		
	CRO 08FFFFN	1/2 - 14		
	CRO 12FFFFN	3/4 - 14		
	CRO 16FFFFN	1 - 11 1/2		
	CRO 20FFFFN	1 1/4 - 11 1/2		
	CRO 24FFFFN	1 1/2 - 11 1/2		
	CRO 32FFFFN	2 - 11 1/2		

# NPT

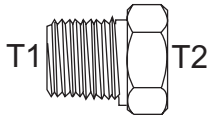
## Pipe Fittings


REDUCING BUSH NPT	Part number	NPT thread (T1)	NPT thread (T2)	Retail price R
	RED 04N02FN	1/4 - 18	1/8 - 27	
	RED 06N02FN	3/8 - 18	1/8 - 27	
	RED 06N04FN	3/8 - 18	1/4 - 18	
	RED 08N02FN	1/2 - 14	1/8 - 27	
	RED 08N04FN	1/2 - 14	1/4 - 18	
	RED 08N06FN	1/2 - 14	3/8 - 18	
	RED 12N04FN	3/4 - 14	1/4 - 18	
	RED 12N06FN	3/4 - 14	3/8 - 18	
	RED 12N08FN	3/4 - 14	1/2 - 14	
	RED 16N04FN	1 - 11 1/2	1/4 - 18	
	RED 16N06FN	1 - 11 1/2	3/8 - 18	
	RED 16N08FN	1 - 11 1/2	1/2 - 14	
	RED 16N12FN	1 - 11 1/2	3/4 - 14	
	RED 20N08FN	1 1/4 - 11 1/2	1/2 - 14	
	RED 20N12FN	1 1/4 - 11 1/2	3/4 - 14	
	RED 20N16FN	1 1/4 - 11 1/2	1 - 11 1/2	
	RED 24N12FN	1 1/2 - 11 1/2	3/4 - 14	
	RED 24N16FN	1 1/2 - 11 1/2	1 - 11 1/2	
	RED 24N20FN	1 1/2 - 11 1/2	1 1/4 - 11 1/2	
	RED 32N16FN	2 - 11 1/2	1 - 11 1/2	
RED 32N20FN	2 - 11 1/2	1 1/4 - 11 1/2		
RED 32N24FN	2 - 11 1/2	1 1/2 - 11 1/2		

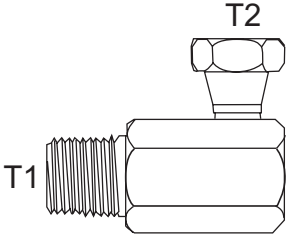
SOCKET NPT	Part number	NPT thread (T1 & T2)	NPT thread	Retail price R
	SOC 02FN	1/8 - 27		
	SOC 04FN	1/4 - 18		
	SOC 04FN02FN	1/4 - 18	1/8 - 27	
	SOC 06FN	3/8 - 18		
	SOC 06FN04FN	3/8 - 18	1/4 - 18	
	SOC 08FN	1/2 - 14		
	SOC 08FN04FN	1/2 - 14	1/4 - 18	
	SOC 08FN06FN	1/2 - 14	3/8 - 18	
	SOC 12FN	3/4 - 14		
	SOC 12FN08FN	3/4 - 14	1/2 - 14	
	SOC 16FN12FN	1 - 11 1/2	3/4 - 14	
	SOC 16FN	1 - 11 1/2		
	SOC 20FN	1 1/4 - 11 1/2		
	SOC 24FN	1 1/2 - 11 1/2		
	SOC 32FN	2 - 11 1/2		

## NPT

## Pipe Fittings

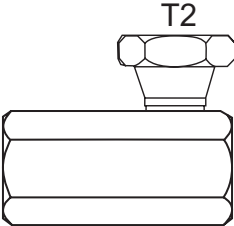
HEX HEAD PLUG NPT	Part number	NPT thread (T1)	Retail price R
	HHP 02N	1/8 - 27	
	HHP 04N	1/4 - 18	
	HHP 06N	3/8 - 18	
	HHP 08N	1/2 - 14	
	HHP 12N	3/4 - 14	
	HHP 16N	1 - 11 1/2	
	HHP 20N	1 1/4 - 11 1/2	
	HHP 24N	1 1/2 - 11 1/2	
	HHP 32N	2 - 11 1/2	

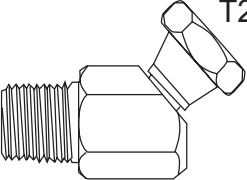
ALLEN KEY PLUG NPT	Part number	NPT thread (T1)	Retail price R
	AKP 01N	1/16 - 27	
	AKP 02N	1/8 - 27	
	AKP 04N	1/4 - 18	
	AKP 06N	3/8 - 18	
	AKP 08N	1/2 - 14	
	AKP 12N	3/4 - 14	
	AKP 16N	1 - 1 1/2	

ELBOW 90° NPTM-NPTF SW	Part number	NPT thread (T1)	NPT thread (T2)	Retail price R
	ELB 02N02FNS90	1/8 - 27	1/8 - 27	
	ELB 02N04FNS90	1/8 - 27	1/4 - 18	
	ELB 04N02FNS90	1/4 - 18	1/8 - 27	
	ELB 04N04FNS90	1/4 - 18	1/4 - 18	
	ELB 04N06FNS90	1/4 - 18	3/8 - 18	
	ELB 06N04FNS90	3/8 - 18	1/4 - 18	
	ELB 06N06FNS90	3/8 - 18	3/8 - 18	
	ELB 06N08FNS90	3/8 - 18	1/2 - 14	
	ELB 08N04FNS90	1/2 - 14	1/4 - 18	
	ELB 08N06FNS90	1/2 - 14	3/8 - 18	
	ELB 08N08FNS90	1/2 - 14	1/2 - 14	
	ELB 08N12FNS90	1/2 - 14	3/4 - 14	
	ELB 12N08FNS90	3/4 - 14	1/2 - 14	
	ELB 12N12FNS90	3/4 - 14	3/4 - 14	
	ELB 12N16FNS90	3/4 - 14	1 - 11 1/2	
	ELB 16N12FNS90	1 - 11 1/2	3/4 - 14	
	ELB 16N16FNS90	1 - 11 1/2	1 - 11 1/2	
	ELB 16N20FNS90	1 - 11 1/2	1 1/4 - 11 1/2	
	ELB 20N16FNS90	1 1/4 - 11 1/2	1 - 11 1/2	
	ELB 20N20FNS90	1 1/4 - 11 1/2	1 1/4 - 11 1/2	
	ELB 24N24FNS90	1 1/2 - 11 1/2	1 1/2 - 11 1/2	
	ELB 32N32FNS90	2 - 11 1/2	2 - 11 1/2	

# NPT

## Pipe Fittings

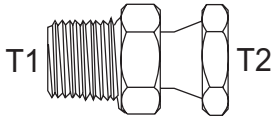
ELBOW 90° NPTM-NPTF SW	Part number	NPT thread (T1)	NPT thread (T2)	Retail price R
	ELB 02FN02FNS90	1/8 - 27	1/8 - 27	
	ELB 04FN02FNS90	1/4 - 18	1/8 - 27	
	ELB 04FN04FNS90	1/4 - 18	1/4 - 27	
	ELB 04FN06FNS90	1/4 - 18	3/8 - 18	
	ELB 06FN04FNS90	3/8 - 18	1/4 - 18	
	ELB 06FN06FNS90	3/8 - 18	3/8 - 18	
	ELB 06FN08FNS90	3/8 - 18	1/2 - 14	
	ELB 08FN06FNS90	1/2 - 18	3/8 - 14	
	ELB 08FN08FNS90	1/2 - 14	1/2 - 14	
	ELB 12FN08FNS90	3/4 - 14	1/2 - 14	
	ELB 12FN12FNS90	3/4 - 14	3/4 - 14	
	ELB 12FN16FNS90	3/4 - 14	1 - 11 1/2	
	ELB 16FN12FNS90	1 - 11 1/2	3/4 - 14	
	ELB 16FN16FNS90	1 - 11 1/2	1 - 11 1/2	
	ELB 20FN20FNS90	1 1/4 - 11 1/2	1 1/4 - 11 1/2	
	ELB 24FN24FNS90	1 1/2 - 11 1/2	1 1/2 - 11 1/2	
	ELB 32FN32FNS90	2 - 11 1/2	2 - 11 1/2	

ELBOW 45° NPTM-NPTF SW	Part number	NPT thread (T1)	NPT thread (T2)	Retail price R
	ELB 02N02FNS45	1/8 - 27	1/8 - 27	
	ELB 02N04FNS45	1/8 - 27	1/4 - 18	
	ELB 04N04FNS45	1/4 - 18	1/4 - 18	
	ELB 04N06FNS45	1/4 - 18	3/8 - 18	
	ELB 06N04FNS45	3/8 - 18	1/4 - 18	
	ELB 06N06FNS45	3/8 - 18	3/8 - 18	
	ELB 06N08FNS45	3/8 - 18	1/2 - 14	
	ELB 08N04FNS45	1/2 - 14	1/4 - 18	
	ELB 08N06FNS45	1/2 - 14	3/8 - 18	
	ELB 08N08FNS45	1/2 - 14	1/2 - 14	
	ELB 08N12FNS45	1/2 - 14	3/4 - 14	
	ELB 12N08FNS45	3/4 - 14	1/2 - 14	
	ELB 12N12FNS45	3/4 - 14	3/4 - 14	
	ELB 12N16FNS45	3/4 - 14	1 - 11 1/2	
	ELB 16N12FNS45	1 - 11 1/2	3/4 - 14	
	ELB 16N16FNS45	1 - 11 1/2	1 - 11 1/2	
	ELB 20N16FNS45	1 1/4 - 11 1/2	1 - 11 1/2	
	ELB 20N20FNS45	1 1/4 - 11 1/2	1 1/4 - 11 1/2	
ELB 24N24FNS45	1 1/2 - 11 1/2	1 1/2 - 11 1/2		
ELB 32N32FNS45	2 - 11 1/2	2 - 11 1/2		



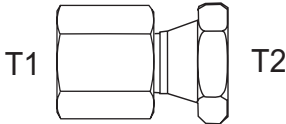
## NPT

## Pipe Fittings

NIPPLE NPTM NPTF SW	Part number	NPT thread (T1)	NPT thread (T2)	Retail price R
	NIP 02N02FNS	1/8 - 27	1/8 - 27	
	NIP 02N04FNS	1/8 - 27	1/4 - 18	
	NIP 04N02FNS	1/4 - 18	1/8 - 27	
	NIP 04N04FNS	1/4 - 18	1/4 - 18	
	NIP 04N06FNS	1/4 - 18	3/8 - 18	
	NIP 06N04FNS	3/8 - 18	1/4 - 18	
	NIP 06N06FNS	3/8 - 18	3/8 - 18	
	NIP 06N08FNS	3/8 - 18	1/2 - 14	
	NIP 08N04FNS	1/2 - 14	1/4 - 18	
	NIP 08N06FNS	1/2 - 14	3/8 - 18	
	NIP 08N08FNS	1/2 - 14	1/2 - 14	
	NIP 08N12FNS	1/2 - 14	3/4 - 14	
	NIP 12N08FNS	3/4 - 14	1/2 - 14	
	NIP 12N12FNS	3/4 - 14	3/4 - 14	
	NIP 12N16FNS	3/4 - 14	1 - 11 1/2	
	NIP 16N12FNS	1 - 11 1/2	3/4 - 14	
	NIP 16N16FNS	1 - 11 1/2	1 - 11 1/2	
	NIP 16N20FNS	1 - 11 1/2	1 1/4 - 11 1/2	
	NIP 20N20FNS	1 1/4 - 11 1/2	1 1/4 - 11 1/2	
	NIP 24N24FNS	1 1/2 - 11 1/2	1 1/2 - 11 1/2	
	NIP 32N32FNS	2 - 11 1/2	2 - 11 1/2	

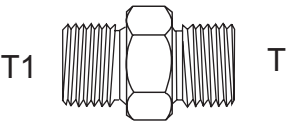
## NPT

## Pipe Fittings

NIPPLE NPTF - NPTF SW	Part number	NPT thread (T1)	NPT thread (T2)	Retail price R
	NIP 02FN02FNS	1/8 - 27	1/8 - 27	
	NIP 02FN04FNS	1/8 - 27	1/4 - 18	
	NIP 04FN04FNS	1/4 - 18	1/4 - 18	
	NIP 04FN06FNS	1/4 - 18	3/8 - 18	
	NIP 06FN04FNS	3/8 - 18	1/4 - 18	
	NIP 06FN06FNS	3/8 - 18	3/8 - 18	
	NIP 06FN08FNS	3/8 - 18	1/2 - 14	
	NIP 08FN06FNS	1/2 - 14	3/8 - 18	
	NIP 08FN08FNS	1/2 - 14	1/2 - 14	
	NIP 08FN12FNS	1/2 - 14	3/4 - 14	
	NIP 12FN08FNS	3/4 - 14	1/2 - 14	
	NIP 12FN12FNS	3/4 - 14	3/4 - 14	
	NIP 12FN16FNS	3/4 - 14	1 - 11 1/2	
	NIP 16FN12FNS	1 - 11 1/2	3/4 - 14	
	NIP 16FN16FNS	1 - 11 1/2	1 - 11 1/2	
	NIP 20FN20FNS	1 1/4 - 11 1/2	1 1/4 - 11 1/2	
	NIP 24FN24FNS	1 1/2 - 11 1/2	1 1/2 - 11 1/2	
	NIP 32FN32FNS	2 - 11 1/2	2 - 11 1/2	

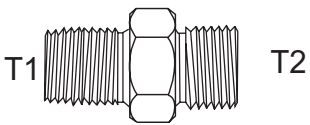
## BSP

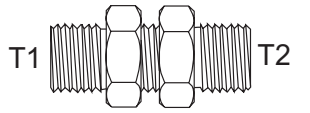
## Pipe Fittings

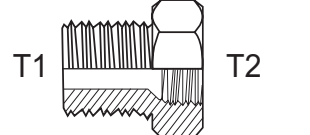
NIPPLE BSPP-BSPP	Part number	BSPP thread (T1)	BSPP thread (T2)	Retail price R
	NIP 02R02R	1/8 - 28	1/8 - 28	
	NIP 04R02R	1/4 - 19	1/8 - 28	
	NIP 04R04R	1/4 - 19	1/4 - 19	
	NIP 06R02R	3/8 - 19	1/8 - 28	
	NIP 06R04R	3/8 - 19	1/4 - 19	
	NIP 06R06R	3/8 - 19	3/8 - 19	
	NIP 08R04R	1/2 - 14	1/4 - 19	
	NIP 08R06R	1/2 - 14	3/8 - 19	
	NIP 08R08R	1/2 - 14	1/2 - 14	
	NIP 10R08R	7/8 - 14	1/2 - 14	
	NIP 10R10R	7/8 - 14	7/8 - 14	
	NIP 12R06R	3/4 - 14	3/8 - 19	
	NIP 12R08R	3/4 - 14	1/2 - 14	
	NIP 12R10R	3/4 - 14	7/8 - 14	
	NIP 12R12R	3/4 - 14	3/4 - 14	
	NIP 16R04R	1 - 14	1/4 - 19	
	NIP 16R06R	1 - 14	3/8 - 19	
	NIP 16R08R	1 - 11	1/2 - 14	
	NIP 16R12R	1 - 11	3/4 - 14	
	NIP 16R16R	1 - 11	1 - 11	
	NIP 20R12R	1 1/4 - 11	3/4 - 14	
	NIP 20R16R	1 1/4 - 11	1 - 11	
	NIP 20R20R	1 1/4 - 11	1 1/4 - 11	
	NIP 24R16R	1 1/2 - 11	1 - 11	
	NIP 24R20R	1 1/2 - 11	1 1/4 - 11	
	NIP 24R24R	1 1/2 - 11	1 1/2 - 11	
	NIP 32R24R	2 - 11	1 1/2 - 11	
	NIP 32R32R	2 - 11	2 - 11	

## BSP

## Pipe Fittings

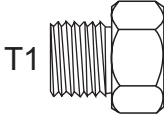
NIPPLE BSPT-BSPP	Part number	BSPT thread (T1)	BSPP thread (T2)	Retail price R
	NIP 02RK02R	1/8 - 28	1/8 - 28	
	NIP 02RK04R	1/8 - 28	1/4 - 19	
	NIP 04RK02R	1/4 - 19	1/8 - 28	
	NIP 04RK04R	1/4 - 19	1/4 - 19	
	NIP 04RK06R	1/4 - 19	3/8 - 19	
	NIP 04RK08R	1/4 - 19	1/2 - 14	
	NIP 06RK02R	3/8 - 19	1/8 - 28	
	NIP 06RK04R	3/8 - 19	1/4 - 19	
	NIP 06RK06R	3/8 - 19	3/8 - 19	
	NIP 06RK08R	3/8 - 19	1/2 - 14	
	NIP 08RK04R	1/2 - 14	1/4 - 19	
	NIP 08RK06R	1/2 - 14	3/8 - 19	
	NIP 08RK08R	1/2 - 14	1/2 - 14	
	NIP 08RK12R	1/2 - 14	3/4 - 14	
	NIP 10RK10R	7/8 - 14	7/8 - 14	
	NIP 12RK08R	3/4 - 14	1/2 - 14	
	NIP 12RK12R	3/4 - 14	3/4 - 14	
	NIP 12RK16R	3/4 - 14	1 - 11	
	NIP 16RK12R	1 - 11	3/4 - 14	
	NIP 16RK16R	1 - 11	1 - 11	
	NIP 16RK20R	1 - 11	1 1/4 - 11	
	NIP 20RK16R	1 1/4 - 11	1 - 11	
	NIP 20RK20R	1 1/4 - 11	1 1/4 - 11	
	NIP 20RK24R	1 1/4 - 11	1 1/2 - 11	
	NIP 24RK20R	1 1/2 - 11	1 1/4 - 11	
	NIP 24RK24R	1 1/2 - 11	1 1/2 - 11	
NIP 32RK32R	2 - 11	2 - 11		

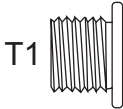
NIPPLE BULKHEAD BSP	Part number	BSPP thread (T1)	BSPP thread (T2)	Retail price R
	NIP 04BR04BR	1/4 - 19	1/4 - 19	
	NIP 06BR06BR	3/8 - 19	3/8 - 19	
	NIP 08BR08BR	1/2 - 14	1/2 - 14	
	NIP 12BR12BR	3/4 - 14	3/4 - 14	
	NIP 16BR16BR	1 - 11	1 - 11	

REDUCER BSP-FEM BSP	Part number	BSPP thread (T1)	BSPP thread (T2)	Retail price R
	RED 04R02FR	1/4 - 19	1/8 - 28	
	RED 06R04FR	3/8 - 19	1/4 - 19	
	RED 08R04FR	1/2 - 14	1/4 - 19	
	RED 08R06FR	1/2 - 14	3/8 - 19	
	RED 12R04FR	3/4 - 14	1/4 - 19	
	RED 12R06FR	3/4 - 14	3/8 - 19	
	RED 12R08FR	3/4 - 14	1/2 - 14	
	RED 16R06FR	1 - 11	3/8 - 19	
	RED 16R08FR	1 - 11	1/2 - 14	
	RED 16R12FR	1 - 11	3/4 - 14	
	RED 20R12FR	1 1/4 - 11	3/4 - 14	
	RED 20R16FR	1 1/4 - 11	1 - 11	
	RED 24R12FR	1 1/2 - 11	3/4 - 14	
	RED 24R16FR	1 1/2 - 11	1 - 11	
	RED 24R20FR	1 1/2 - 11	1 1/4 - 11	

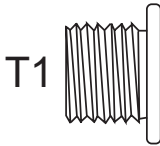
## BSP

## Pipe Fittings

HEX PLUG BSP	Part number	BSPP thread (T1)		Retail price R
	HHP 02R	1/8 - 28		
	HHP 04R	1/4 - 19		
	HHP 06R	3/8 - 19		
	HHP 08R	1/2 - 14		
	HHP 10R	7/8 - 14		
	HHP 12R	3/4 - 14		
	HHP 16R	1 - 11		
	HHP 20R	1 1/4 - 11		
	HHP 24R	1 1/2 - 11		
	HHP 32R	2 - 11		

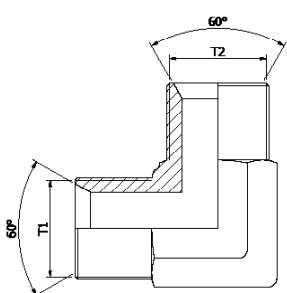
ALLEN KEY PLUG BSP	Part number	BSPP thread (T1)		Retail price R
	AKP 02R	1/8 - 28		
	AKP 04R	1/4 - 19		
	AKP 06R	3/8 - 19		
	AKP 08R	1/2 - 14		
	AKP 12R	3/4 - 14		
	AKP 16R	1 - 11		
	AKP 20R	1 1/4 - 11		
	AKP 24R	1 1/2 - 11		
	AKP 32R	2 - 11		

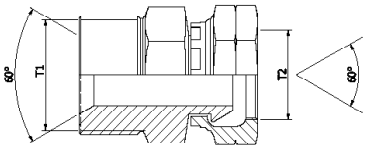
## METRIC

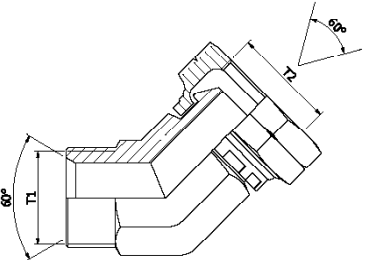
ALLEN KEY PLUG METRIC	Part number	Metric thread (T1)		Retail price R
	AKP M10X1.5	M10 x 1.5		
	AKP M12X1,5	M12 x 1,5		
	AKP M14X1,5	M14 x 1,5		
	AKP M16X1,5	M16 x 1,5		
	AKP M18X1,5	M18 x 1,5		
	AKP M20X1,5	M20 x 1,5		
	AKP M22X1,5	M22 x 1,5		
	AKP M26X1,5	M26 x 1,5		
	AKP M27X2	M27 x 2		
	AKP M33X2	M33 x 2		
	AKP M42X2	M42 x 2		
	AKP M48X2	M48 x 2		

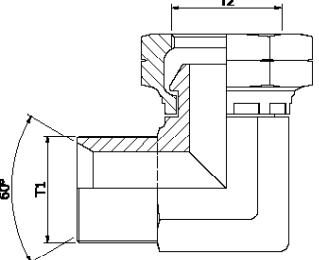
## BSP

## Pipe Fittings

MALE ELBOW 90° BSPP	Part number	BSP thread (T1)	BSP thread (T2)	Retail price R
	ELB04R04R90	1/4 - 19	1/4 - 19	
	ELB06R06R90	3/8 - 19	3/8 - 19	
	ELB08R08R90	1/2 - 14	1/2 - 14	
	ELB10R10R90	5/8 - 14	5/8 - 14	
	ELB12R12R90	3/4 - 14	3/4 - 14	
	ELB16R16R90	1 - 11	1 - 11	

NIPPLE MALE BSPP-BSPP SW	Part number	BSP thread (T1)	BSP thread (T2)	Retail price R
	NIP02R02FRS	1/8 - 28	1/8 - 28	
	NIP04R04FRS	1/4 - 19	1/4 - 19	
	NIP06R06FRS	3/8 - 19	3/8 - 19	
	NIP08R08FRS	1/2 - 14	1/2 - 14	
	NIP10R10FRS	5/8 - 14	5/8 - 14	
	NIP12R12FRS	3/4 - 14	3/4 - 14	
	NIP16R16FRS	1 - 11	1 - 11	

ELBOW 45° MALE BSPP-BSPP SW	Part number	BSP thread (T1)	BSP thread (T2)	Retail price R
	ELB04R04FRS45	1/4 - 19	1/4 - 19	
	ELB06R06FRS45	3/8 - 19	3/8 - 19	
	ELB08R08FRS45	1/2 - 14	1/2 - 14	
	ELB10R10FRS45	5/8 - 14	5/8 - 14	
	ELB12R12FRS45	3/4 - 14	3/4 - 14	
	ELB16R16FRS45	1 - 11	1 - 11	

ELBOW 90° MALE BSPP-BSPP SW	Part number	BSP thread (T1)	BSP thread (T2)	Retail price R
	ELB02R02FRS90	1/8 - 28	1/8 - 28	
	ELB04R04FRS90	1/4 - 19	1/4 - 19	
	ELB06R06FRS90	3/8 - 19	3/8 - 19	
	ELB08R08FRS90	1/2 - 14	1/2 - 14	
	ELB10R10FRS90	5/8 - 14	5/8 - 14	
	ELB12R12FRS90	3/4 - 14	3/4 - 14	
	ELB16R16FRS90	1 - 11	1 - 11	

# BSP

# Pipe Fittings

SOCKET BSPP	Part number	BSP thread (T1)	BSP thread (T2)	Retail price R
	SOC02FR	1/8 - 28	1/8 - 28	
	SOC04FR	1/4 - 19	1/4 - 19	
	SOC06FR	3/8 - 19	3/8 - 19	
	SOC08FR	1/2 - 14	1/2 - 14	
	SOC10FR	5/8 - 14	5/8 - 14	
	SOC12FR	3/4 - 14	3/4 - 14	
	SOC16FR	1 - 11	1 - 11	
	SOC20FR	1 1/4 - 11	1 1/4 - 11	

EQUAL TEE MALE BSPP	Part number	BSP thread (T1, T2, T3)	Retail price R
	TEE02R02R02R	1/8 - 28	
	TEE04R04R04R	1/4 - 19	
	TEE06R06R06R	3/8 - 19	
	TEE08R08R08R	1/2 - 14	
	TEE10R10R10R	5/8 - 14	
	TEE12R12R12R	3/4 - 14	
	TEE16R16R16R	1 - 11	