

Features

1. Vibration resistance - Fair resistance to vibration and pipe movement depending upon conditions.
2. Advantages - Fewer leaks in the system, Large range of sizes and configurations
3. Conformance - Meets functional requirements of the SAE J530(Automotive Pipe Fittings), SAE J531(Drain Plugs), ASA, ASME.
4. Thread Style - NPT(F), NPSM, BSPT, BSPP.



US Style Standard

Extruded Bar Stock, Hex Forging Blank
NPT Thread Mainly



European Style Standard

Extruded Bar Stock, Round Forging Blank
BSP Thread Mainly
Nickel-Plated

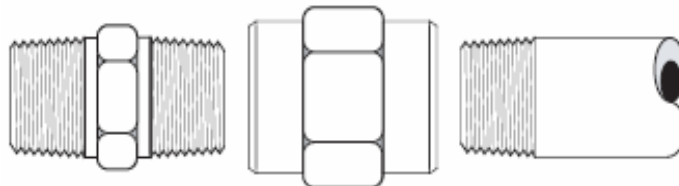
Specification

1. Temperature Range: -65°F to +250°F (-53°C to +121°C) range at maximum operating pressures.
2. Working Pressure: 1200 PSI Maximum based on size always consult tubing/pipe specifications.

Applications

Air, gas, hydraulic fluid like water, oil, fuels, lubricant, Grease and other applications which use with brass, copper, and iron pipe. Manufactured for low and medium pressure line connection work.

Installation Instructions



1. Tighten approximately 2-1/2 turns past hand tight.
2. Fittings with Everseal tighten two turns past hand tight. Brittle materials require special cautions.

Nomenclature

Model Number

68 - 06 02

Material

B-Brass (default)
S-Steel (suffix)
SS-Stainless Steel (suffix)
B-Barstock (Prefix)

Contact us for special size or configuration.

Tube Dia		Thread			
Mertric(M)	Inch	BSPT(R)	BSPP(G)	NPT(NPTF)	UNF(TUBE)
M04=4mm	02=1/8"	M03=M3x0.5	G02=G 1/8	02=NPT 1/8	U02=DASH 1/8
M06=6mm	03=3/16"	M05=M5x0.8	G04=G 1/4	04=NPT 1/4	U04=DASH 1/4
M08=8mm	04=1/4"	R02=R 1/8	G06=G 3/8	06=NPT 3/8	U06=DASH 3/8
M10=10mm	05=5/16"	R04=R 1/4	G08=G 1/2	08=NPT 1/2	U08=DASH 1/2
M12=12mm	06=3/8"	R06=R 3/8
M14=14mm	08=1/2"	R08=R 1/2	Prefix	Default	Prefix
.....	Prefix	Different type end has its own UNF thread, Please see thread chart for details or as below		

catalogue only show inch size

Pipe Size	01	02	04	06	08	12	16
NPT(F) Thread	1/16-27	1/8-27	1/4-18	3/8-18	1/2-14	3/4-14	1-11.5
BSP Thread	-	1/8-28	1/4-19	3/8-19	1/2-14	3/4-14	1-11
Working Pressure	1200	1200	1200	1200	1200	1000	1000

3211

Pipe Locknut (NPSM)



PART#	T
3211-02	1/8
3211-04	1/4
3211-06	3/8
3211-08	1/2
3211-12	3/4

3129

Female Pipe Cap



PART#	T
3129-02	1/8
3129-04	1/4
3129-06	3/8
3129-08	1/2
3129-12	3/4

3220

Reducer Bushing (SAE 130140)



PART#	T _M	T _F
3220-0402	1/4	1/8
3220-0602	3/8	1/8
3220-0604	3/8	1/4
3220-0802	1/2	1/8
3220-0804	1/2	1/4
3220-0806	1/2	3/8
3220-1202	3/4	1/8
3220-1204	3/4	1/4
3220-1206	3/4	3/8
3220-1208	3/4	1/2
3220-1604	1	1/4
3220-1606	1	3/8
3220-1608	1	1/2
3220-1612	1	3/4

3220H

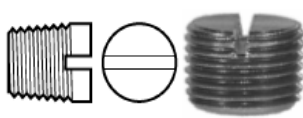
Reducer Face Bushing



PART#	T _M	T _F
3220H-0604	3/8	1/4
3220H-0806	1/2	3/8
3220H-1208	3/4	1/2

3150

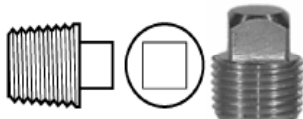
Slotted Head Pipe Plug



PART#	T
3150-02	1/8
3150-04	1/4
3150-06	3/8

3151

Square Head Pipe Plug



PART#	T
3151-02	1/8
3151-04	1/4
3151-06	3/8
3151-08	1/2
3151-12	3/4
3151-16	1

3250

Female Pipe Union



PART#	T	T
3250-0202	1/8	1/8
3250-0404	1/4	1/4
3250-0606	3/8	3/8
3250-0808	1/2	1/2
3250-1212	3/4	3/4

3200

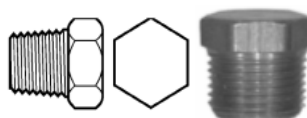
Extender Adapter (SAE 130139)



PART#	T _F	T _M
3200-0202	1/8	1/8
3200-0402	1/4	1/8
3200-0404	1/4	1/4
3200-0602	3/8	1/8
3200-0604	3/8	1/4
3200-0606	3/8	3/8
3200-0804	1/2	1/4
3200-0806	1/2	3/8
3200-0808	1/2	1/2
3200-1206	3/4	3/8
3200-1208	3/4	1/2
3200-1212	3/4	3/4

3152

Hex Head Pipe Plug



PART#	T
3152-01	1/16
3152-02	1/8
3152-04	1/4
3152-06	3/8
3152-08	1/2
3152-12	3/4
3152-16	1

add "S" suffix as solid

3162

Hex Socket Pipe Plug



PART#	T
3162-01	1/16
3162-02	1/8
3162-04	1/4
3162-06	3/8
3162-08	1/2
3162-12	3/4
3162-16	1

3134F

Bulkhead Coupling (F x F)



PART#	T	T
3134F-0202	1/8	1/8
3134F-0404	1/4	1/4
3134F-0606	3/8	3/8
3134F-0808	1/2	1/2

3134

Bulkhead Coupling (M x F)



PART#	T _M	T _F	L
31340-15	1/2	1/4	2.16
31341-15	1/2	1/4	2.53
31342-22	1/2	1/4	2.94
31343-22	1/2	1/4	3.94

3300

Pipe Coupling (SAE 130138)



PART#	T	T
3300-0202	1/8	1/8
3300-0402	1/4	1/8
3300-0404	1/4	1/4
3300-0602	3/8	1/8
3300-0604	3/8	1/4
3300-0606	3/8	3/8
3300-0802	1/2	1/8
3300-0804	1/2	1/4
3300-0806	1/2	3/8
3300-0808	1/2	1/2
3300-1206	3/4	3/8
3300-1208	3/4	1/2
3300-1212	3/4	3/4

3325

Hex Pipe Nipple (SAE 130137)



PART#	T	T
3325-0202	1/8	1/8
3325-0402	1/4	1/8
3325-0404	1/4	1/4
3325-0602	3/8	1/8
3325-0604	3/8	1/4
3325-0606	3/8	3/8
3325-0804	1/2	1/4
3325-0806	1/2	3/8
3325-0808	1/2	1/2
3325-1208	3/4	1/2
3325-1212	3/4	3/4
3325-1616	1	1

3326

Close Nipple



PART#	T	T
3326-02	1/8	1/8
3326-04	1/4	1/4
3326-06	3/8	3/8
3326-08	1/2	1/2
3326-12	3/4	3/4

US Style Standard

3327

Long Nipple



PART#	T	L
3327-02-1.5	1/8	1.50
3327-02-2.0	1/8	2.00
3327-02-2.5	1/8	2.50
3327-02-3.0	1/8	3.00
3327-04-1.5	1/4	1.50
3327-04-2.0	1/4	2.00
3327-04-2.5	1/4	2.50
3327-04-3.0	1/4	3.00
3327-06-1.5	3/8	1.50
3327-06-2.0	3/8	2.00
3327-06-2.5	3/8	2.50
3327-06-3.0	3/8	3.00
3327-08-1.5	1/2	1.50
3327-08-2.0	1/2	2.00
3327-08-2.5	1/2	2.50
3327-08-3.0	1/2	3.00

3402

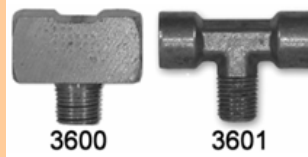
Forged Street Elbow



PART#	T _F	T _M
3402-0202	1/8	1/8
3402-0204	1/8	1/4
3402-0402	1/4	1/8
3402-0404	1/4	1/4
3402-0406	1/4	3/8
3402-0604	3/8	1/4
3402-0606	3/8	3/8
3402-0608	3/8	1/2
3402-0806	1/2	3/8
3402-0808	1/2	1/2
3402-1212	3/4	3/4

3600 & 3601

Male Pipe Branch Tee (SAE 130425)



PART#	T	T	T
3600-020202	1/8	1/8	1/8
3601-020202	1/8	1/8	1/8
3600-040404	1/4	1/4	1/4
3601-040404	1/4	1/4	1/4
3600-060606	3/8	3/8	3/8
3600-080808	1/2	1/2	1/2
3600-121212	3/4	3/4	3/4

3655

Male Pipe Tee



PART#	T _{1,2,3}
3655-020202	1/8
3655-040404	1/4
3655-060606	3/8
3655-080808	1/2
3655-121212	3/4

3350 & 3351

Street 45° Elbow (SAE 130339)



PART#	T	T
3350-0202	1/8	1/8
3351-0202	1/8	1/8
3350-0404	1/4	1/4
3351-0404	1/4	1/4
3350-0606	3/8	3/8
3351-0606	3/8	3/8
3350-0808	1/2	1/2
3350-1212	3/4	3/4

3455

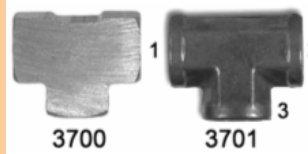
Male Pipe Elbow



PART#	T	T
3455-0202	1/8	1/8
3455-0402	1/4	1/8
3455-0404	1/4	1/4
3455-0604	3/8	1/4
3455-0606	3/8	3/8
3455-0806	1/2	3/8
3455-0808	1/2	1/2

3700 & 3701

Female Pipe Tee (SAE 130438)



PART#	T ₁	T ₂	T ₃
3700-020202	1/8	1/8	1/8
3701-020202	1/8	1/8	1/8
3701-020204	1/8	1/8	1/4
3701-040402	1/4	1/4	1/8
3700-040404	1/4	1/4	1/4
3701-040404	1/4	1/4	1/4
3701-040406	1/4	1/4	3/8
3701-060602	3/8	3/8	1/8
3701-060406	3/8	1/4	3/8
3701-060604	3/8	3/8	1/4
3700-060606	3/8	3/8	3/8
3701-060606	3/8	3/8	3/8
3701-080806	1/2	1/2	3/8
3700-080808	1/2	1/2	1/2
3701-080808	1/2	1/2	1/2
3701-120812	3/4	1/2	3/4
3701-121208	3/4	3/4	1/2
3700-121212	3/4	3/4	3/4
3701-121212	3/4	3/4	3/4

3950 & 3951

Female Pipe Cross



PART#	T _{1,2,3,4}
3950-02	1/8
3951-02	1/8
3950-04	1/4
3951-04	1/4
3950-06	3/8
3951-06	3/8
3950-08	1/2
3951-08	1/2
3950-12	3/4

3400 & 3401

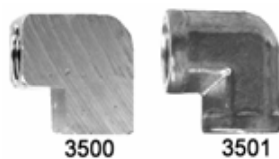
Street Elbow (SAE 130239)



PART#	T	T
3400-0202	1/8	1/8
3401-0202	1/8	1/8
3400-0404	1/4	1/4
3401-0404	1/4	1/4
3400-0606	3/8	3/8
3401-0606	3/8	3/8
3400-0808	1/2	1/2
3401-0808	1/2	1/2
3400-1212	3/4	3/4
3401-1212	3/4	3/4

3500 & 3501

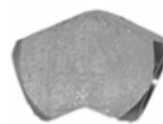
Female Pipe Elbow (SAE 130238)



PART#	T	T
3500-0202	1/8	1/8
3501-0202	1/8	1/8
3501-0402	1/4	1/8
3500-0404	1/4	1/4
3501-0404	1/4	1/4
3501-0604	3/8	1/4
3500-0606	3/8	3/8
3501-0606	3/8	3/8
3501-0806	1/2	3/8
3500-0808	1/2	1/2
3501-0808	1/2	1/2
3500-1212	3/4	3/4
3501-1212	3/4	3/4

3550

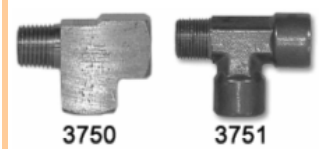
Female Pipe 45° Elbow



PART#	T	T
3550-0202	1/8	1/8
3550-0404	1/4	1/4
3550-0606	3/8	3/8
3550-0808	1/2	1/2

3750 & 3751

Street Tee (SAE 130424)



PART#	T _{1,2,3}
3750-020202	1/8
3751-020202	1/8
3750-040404	1/4
3751-040404	1/4
3750-060606	3/8
3751-060606	3/8
3750-080808	1/2
3751-080808	1/2
3750-121212	3/4
3751-121212	3/4

European Style Standard (Nickel Plated)

E129

Female Pipe Cap



PART#	T
E162-02	G1/8
E162-04	G1/4
E162-06	G3/8
E162-08	G1/2

E152

Hex Head Pipe Plug



PART#	T
E152-M5	M5
E152-02	R1/8
E152-04	R1/4
E152-06	R3/8
E152-08	R1/2
E152-12	R3/4

add "S" suffix as solid

E163

Countersunk Plug + Oring



PART#	T
E163-M5	M5
E163-02	G1/8
E163-04	G1/4
E163-06	G3/8
E163-08	G1/2

E162

Countersunk Hex Plug



PART#	T
E162-M5	R1/8
E162-02	R1/4
E162-04	R3/8
E162-06	R1/2

E200

Extender Adapter



PART#	T _M	T _F
E200-0202	R1/8	G1/8
E200-0204	R1/8	G1/4
E200-0206	R1/8	G3/8
E200-0404	R1/4	G1/4
E200-0406	R1/4	G3/8
E200-0408	R1/4	G1/2
E200-0606	R3/8	G3/8
E200-0608	R3/8	G1/2
E200-0808	R1/2	G1/2

E210

Extender Adapter



PART#	T _M	T _F
E210-M502	M5	G1/8
E210-0202	G1/8	G1/8
E210-0204	G1/8	G1/4
E210-0206	G1/8	G3/8
E210-0404	G1/4	G1/4
E210-0406	G1/4	G3/8
E210-0408	G1/4	G1/2
E210-0606	G3/8	G3/8
E210-0608	G3/8	G1/2
E210-0808	G1/2	G1/2

E220

Reducer Bushing



PART#	T _M	T _F
E220-0202	R1/4	G1/8
E220-0602	R3/8	G1/8
E220-0802	R1/2	G1/8
E220-0604	R3/8	G1/4
E220-0804	R1/2	G1/4
E220-0806	R1/2	G3/8
E220-1208	R3/4	G1/2

E230

Reducer Bushing



PART#	T _M	T _F
E230-02M5	G1/8	M5
E230-0402	G1/4	G1/8
E230-0602	G3/8	G1/8
E230-0604	G3/8	G1/4
E230-0802	G1/2	G1/8
E230-0804	G1/2	G1/4
E230-0806	G1/2	G3/8

E300

Pipe Coupling



PART#	T	T
E300-M5M5	M5	M5
E300-M502	M5	G1/8
E300-0202	G1/8	G1/8
E300-0204	G1/8	G1/4
E300-0206	G1/8	G3/8
E300-0208	G1/8	G1/2
E300-0404	G1/4	G1/4
E300-0406	G1/4	G3/8
E300-0408	G1/4	G1/2
E300-0606	G3/8	G3/8
E300-0608	G3/8	G1/2
E300-0808	G1/2	G1/2
E300-0812	R1/2	R3/4
E300-1212	R3/4	R3/4

E325

Hex Pipe Nipple



PART#	T	T
E325-0202	R1/8	R1/8
E325-0204	R1/8	R1/4
E325-0206	R1/8	R3/8
E325-0404	R1/4	R1/4
E325-0406	R1/4	R3/8
E325-0408	R1/4	R1/2
E325-0606	R3/8	R3/8
E325-0608	R3/8	R1/2
E325-0808	R1/2	R1/2
E325-0812	R1/2	R3/4
E325-1212	R3/4	R3/4
E325-1216	R3/4	R1
E325-1616	R1	R1

E335

Hex Pipe Nipple



PART#	T	T
E335-M5M5	M5	M5
E335-M502	M5	G1/8
E335-0202	G1/8	G1/8
E335-0204	G1/8	G1/4
E335-0206	G1/8	G3/8
E335-0404	G1/4	G1/4
E335-0406	G1/4	G3/8
E335-0408	G1/4	G1/2
E335-0606	G3/8	G3/8
E335-0608	G3/8	G1/2
E335-0808	G1/2	G1/2
E335-0812	G1/2	G3/4
E335-1212	G3/4	G3/4

E360

Female Bulkhead



PART#	T _F	T _B
E360-02	G1/8	M16x1.5
E360-04	G1/4	M20x1.5
E360-06	G3/8	M26x1.5
E360-08	G1/2	M28x1.5

E400

Street Elbow



PART#	T _M	T _F
E400-0202	R1/8	G1/8
E400-0404	R1/4	G1/4
E400-0606	R3/8	G3/8
E400-0808	R1/2	G1/2
E400-1212	R3/4	G3/4

European Style Standard (Nickel Plated)

E455

Male Pipe Elbow



PART#	T
E455-0202	R1/8
E455-0404	R1/4
E455-0606	R3/8
E455-0808	R1/2
E455-1212	R3/4

E500

Female Pipe Elbow



PART#	T
E500-0202	G1/8
E500-0404	G1/4
E500-0606	G3/8
E500-0808	G1/2
E500-1212	G3/4

E600

Male Pipe Branch Tee



PART#	T _M	T _F
E600-0202	R1/8	G1/8
E600-0404	R1/4	G1/4
E600-0606	R3/8	G3/8
E600-0808	R1/2	G1/2
E600-1212	R3/4	G3/4

E650

Female Pipe Branch Tee



PART#	T _M	T _F
E650-0202	R1/8	G1/8
E650-0404	R1/4	G1/4
E650-0606	R3/8	G3/8
E650-0808	R1/2	G1/2
E650-1212	R3/4	G3/4

E700

Female Pipe Tee



PART#	T
E700-0202	G1/8
E700-0404	G1/4
E700-0606	G3/8
E700-0808	G1/2
E700-1212	G3/4

E750

Street Tee



PART#	T _M	T _F
E750-0202	R1/8	G1/8
E750-0404	R1/4	G1/4
E750-0606	R3/8	G3/8
E750-0808	R1/2	G1/2
E750-1212	R3/4	G3/4

E770

Female Street Tee



PART#	T _M	T _F
E770-0202	R1/8	G1/8
E770-0404	R1/4	G1/4
E770-0606	R3/8	G3/8
E770-0808	R1/2	G1/2
E770-1212	R3/4	G3/4

E800

Male Y Connector



PART#	T _M	T _F
E800-0202	R1/8	G1/8
E800-0404	R1/4	G1/4
E800-0606	R3/8	G3/8
E800-0808	R1/2	G1/2
E800-1212	R3/4	G3/4

E850

Female Y Connector



PART#	T
E850-0202	G1/8
E850-0404	G1/4
E850-0606	G3/8
E850-0808	G1/2
E850-1212	G3/4

E900

Male Pipe Tee



PART#	T
E900-0202	R1/8
E900-0404	R1/4
E900-0606	R3/8
E900-0808	R1/2
E900-1212	R3/4

E920

One Male Cross



PART#	T _M	T _F
E920-0202	R1/8	G1/8
E920-0404	R1/4	G1/4
E920-0606	R3/8	G3/8
E920-0808	R1/2	G1/2
E920-1212	R3/4	G3/4

E950

Female Cross



PART#	T
E950-0202	G1/8
E950-0404	G1/4
E950-0606	G3/8
E950-0808	G1/2
E950-1212	G3/4

Catalogue shows general thread -
 Male thread - R(BSPT) thread mainly. G(BSPP) is available.
 Female thread - G(BSPP) thread mainly. Rc(Female BSPT) is available.
 Add R,G,RC as prefix of Dash number when special order.

Contact us for special parts out of catalogue chart