FITTINGS & ACCESSORIES CATALOG 2014

2014.1A

tribal

Proudly manufacturing quality products in the USA

www.tribalmfg.com

About Tribal

Tribal is one of the most efficient and capable machining operations in the world. We produce large volumes of both straight and directional machined parts and fittings - and assemblies made from them - at world-competitive pricing.

We also cherish the idea of partnership - because together, we can and will do more. Whether through a family, a company, a country or a tribe, when we work together for a common cause great things can happen … and quickly too. Your cause will be our cause.

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ASTM F2080

Locking Expansion PEX Fittings & Accessories

Category	Item No.	Description	Min Qty.	Case Qty.
Couplings – F2080 × F2080				
NSF	F95E44	1/2" F2080 x 1/2" F2080 coupling	50	250
	F95E64	3/4" F2080 x 1/2" F2080 coupling	25	200
	F95E66	3/4" F2080 x 3/4" F2080 coupling	25	125
	F95E86	1" F2080 x 3/4" F2080 coupling	10	70
	F95E88	1" F2080 x 1" F2080 coupling	10	70
	F95E108	1-1/4" F2080 x 1" F2080 coupling	10	50
	F95E1010	1-1/4" F2080 x 1-1/4" F2080 coupling	10	40
	F95E128	1-1/2" F2080 x 1" F2080 coupling	5	40
	F95E1210	1-1/2" F2080 x 1-1/4" F2080 coupling	5	35
	F95E1212	1-1/2" F2080 x 1-1/2" F2080 coupling	5	30
	F95E168	2" F2080 x 1" F2080 coupling	5	20
	F95E1610	2" F2080 x 1-1/4" F2080 coupling	5	20
	F95E1612	2" F2080 x 1-1/2" F2080 coupling	2	20
	F95E1616	2" F2080 x 2" F2080 coupling	2	10
Male Sweat Adapters – F2080 × MSWT & FSWT				
NSF	F97E44	1/2" F2080 × 1/2" male sweat (3/8" female sweat)	50	400
	F97E66	3/4" F2080 x 3/4" male sweat & 1/2" female sweat	25	125
	F97E68	3/4" F2080 x 1" male sweat & 3/4" female sweat	10	125
	F97E88	1" F2080 x 1" male sweat & 3/4" female sweat	10	80
	F97E810	1" F2080 x 1-1/4" male sweat & 1" female sweat	10	60
	F97E1010	1-1/4" F2080 x 1-1/4" male sweat & 1" female sweat	10	40
	F97E1012	1-1/4" F2080 x 1-1/2" male sweat & 1-1/4" female sweat	10	40
	F97E1212	1-1/2" F2080 x 1-1/2" male sweat & 1-1/4" female sweat	5	30
	F97E1216	1-1/2" F2080 x 2" male sweat & 1-1/2" female sweat	5	15
	F97E1616	2" F2080 x 2" male sweat & 1-1/2" female sweat	2	10
	F97E1620	2" F2080 x 2-1/2" male sweat & 2" female sweat	2	10
Tees – F2080 × F2080 × F2080				
NSF	F208E444	1/2" F2080 x 1/2" F2080 x 1/2" F2080 Tee	50	350
	F208E446	1/2" F2080 x 1/2" F2080 x 3/4" F2080 Tee	25	200
	F208E644	3/4" F2080 x 1/2" F2080 x 1/2" F2080 Tee	25	200
	F208E646	3/4" F2080 x 1/2" F2080 x 3/4" F2080 Tee	25	175
	F208E664	3/4" F2080 x 3/4" F2080 x 1/2" F2080 Tee	25	175
	F208E666	3/4" F2080 x 3/4" F2080 x 3/4" F2080 Tee	25	175
	F208E668	3/4" F2080 x 3/4" F2080 x 1" F2080 Tee	10	100
	F208E866	1" F2080 x 3/4" F2080 x 3/4" F2080 Tee	10	100
	F208E868	1" F2080 x 3/4" F2080 x 1" F2080 Tee	10	100
	F208E884	1" F2080 x 1" F2080 x 1/2" F2080 Tee	10	100
	F208E886	1" F2080 x 1" F2080 x 3/4" F2080 Tee	10	100
	F208E888	1" F2080 x 1" F2080 x 1" F2080 Tee	10	80
	F208E1068	1-1/4" F2080 x 3/4" F2080 x 1" F2080 Tee	10	60
	F208E1088	1-1/4" F2080 x 1" F2080 x 1" F2080 Tee	10	60
	F208E10106	1-1/4" F2080 x 1-1/4" F2080 x 3/4" F2080 Tee	10	60
	F208E10108	1-1/4" F2080 x 1-1/4" F2080 x 1" F2080 Tee	10	60
	F208E101010	1-1/4" F2080 x 1-1/4" F2080 x 1-1/4" F2080 Tee	10	60
	F208E1268	1-1/2" F2080 x 3/4" F2080 x 1" F2080 Tee	5	30
	F208E12128	1-1/2" F2080 x 1-1/2" F2080 x 1" F2080 Tee	5	30
	F208E121212	1-1/2" F2080 x 1-1/2" F2080 x 1-1/2" F2080 Tee	5	30
	F208E16168	2" F2080 x 2" F2080 x 1" F2080 Tee	2	10
	F208E16	2" F2080 x 2" F2080 x 2" F2080 Tee	2	10

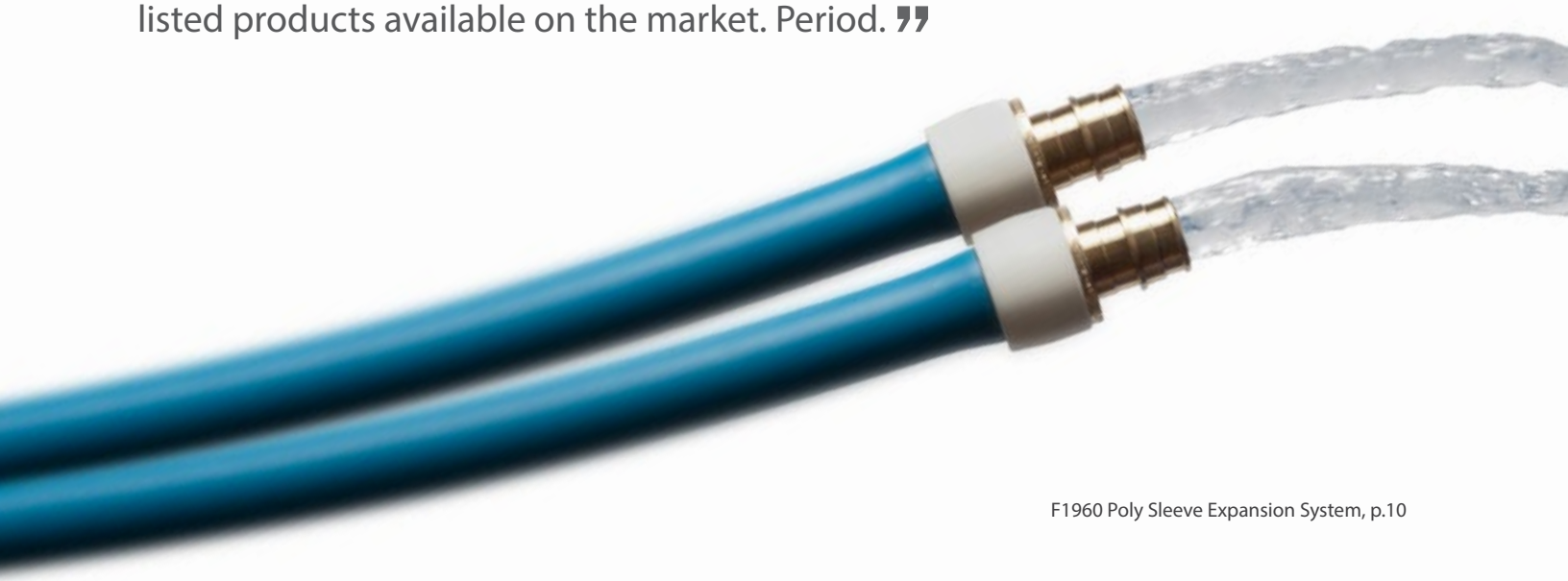
Category	Item No.	Description	Min Qty.	Case Qty.
Elbows – F2080 × F2080				
	F209E44	1/2" F2080 x 1/2" F2080 elbow	50	500
	F209E66	3/4" F2080 x 3/4" F2080 elbow	25	200
	F209E88	1" F2080 x 1" F2080 elbow	10	100
	F209E10	1-1/4" F2080 x 1-1/4" F2080 elbow	10	60
	F209E12	1-1/2" F2080 x 1-1/2" F2080 elbow	5	30
	F209E16	2" F2080 x 2" F2080 elbow	2	10
Plugs – F2080				
	F103E4	1/2" F2080 plug	50	1000
	F103E6	3/4" F2080 plug	25	750
	F103E8	1" F2080 plug	10	300
	F103E10	1-1/4" F2080 plug	5	150
Female Adapters Non-Swivel – F2080 × Female				
	F99E44	1/2" F2080 x 1/2" female npt adapter	50	200
	F99E66	3/4" F2080 x 3/4" female npt adapter	25	100
	F99E88	1" F2080 x 1" female npt adapter	10	50
	F99E1010	1-1/4" F2080 x 1-1/4" female npt adapter	10	30
	F99E1212	1-1/2" F2080 x 1-1/2" female npt adapter	5	15
	F99E1616	2" F2080 x 2" female npt adapter	2	10
Male Pipe Adapters – F2080 × Male npt & FSWT				
	F96E44	1/2" F2080 × 1/2" male npt & 1/2" female sweat	50	200
	F96E66	3/4" F2080 x 3/4" male npt & 3/4" female sweat	25	100
	F96E68	3/4" F2080 x 1" male npt & 3/4" female sweat	25	75
	F96E88	1" F2080 x 1" male npt & 3/4" female sweat	10	70
	F96E1010	1-1/4" F2080 x 1-1/4" male npt & 1" female sweat	10	40
	F96E1212	1-1/2" F2080 x 1-1/2" male npt & 1-1/4" female sweat	5	15
	F96E1616	2" F2080 x 2" male npt & 1-1/2" female sweat	2	10
Female Sweat Adapters – F2080 × FSWT				
	F98E44	1/2" F2080 x 1/2" female sweat adapter	50	350
	F98E68	3/4" F2080 x 1" female sweat adapter	10	100
	F98E88	1" F2080 x 1" female sweat adapter	10	100
	F98E1010	1-1/4" F2080 x 1-1/4" female sweat adapter	10	80
	F98E1212	1-1/2" F2080 x 1-1/2" female sweat adapter	5	50
	F98E1616	2" F2080 x 2" female sweat adapter	5	25
Male Drop Ear Elbow – F2080 × Male npt Elbow				
	F210E44	1/2" F2080 × 1/2" male npt or 1/2" fem swt dropear elbow	50	300
	F210E66	3/4" F2080 x 3/4" male npt or 1/2" fem swt dropear elbow	25	150

ASTM F2080 Fittings

Category	Item No.	Description	Min Qty.	Case Qty.
Female Drop Ear Elbow – F2080 × Female npt Elbow				
	F212E44	1/2" F2080 x 1/2" female npt dropear elbow	50	250
F2080 Sleeves				
	F132B4	1/2" F2080 sleeve	50	600
	F132B6	3/4" F2080 sleeve	25	300
	F132B8	1" F2080 sleeve	10	150
	F132B10	1-1/4" F2080 sleeve	10	70
	F132B12	1-1/2" F2080 sleeve	10	50
	F132B16	2" F2080 sleeve	5	25

For heating and non-potable applications, please call for current inventory and pricing on standard brass items.

“ Tribal is the leading manufacturer of lead-free ECO Brass products. Eco Brass has a proven track record of performance and is fully compliant with all current legislation for safe drinking water. Eco brass has set the standard and is considered to be today's premium brass alloy. When you purchase your products made from Eco Brass, you are assured of having only the best, NSF listed products available on the market. Period. ”



F1960 Poly Sleeve Expansion System, p.10

ASTM F1960

Poly Sleeve Expansion PEX Fittings & Accessories

ASTM F1960 Lead-Free Fittings

Made in the USA | cNSFus-pwG | Lead-Free Compliant | CSA B137.5 ECO BRASS

Category	Item No.	Description	Min Qty.	Case Qty.
F1960 Expansion Ring				
	F300N4	1/2" F1960 pex sleeve	50	500
	F300N6	3/4" F1960 pex sleeve	25	250
	F300N8	1" F1960 pex sleeve	10	100
Couplings – F1960 × F1960				
	F87E44	1/2" F1960 x 1/2" F1960 coupling	50	400
	F87E64	3/4" F1960 x 1/2" F1960 coupling	25	250
	F87E66	3/4" F1960 x 3/4" F1960 coupling	25	175
	F87E86	1" F1960 x 3/4" F1960 coupling	10	125
	F87E88	1" F1960 x 1" F1960 coupling	10	100
	F87E1616	2" F1960 x 2" F1960 coupling	2	20
Male Sweat Adapters – F1960 × MSWT				
	F80E44	1/2" F1960 x 1/2" male sweat adapter	50	400
	F80E46	1/2" F1960 x 3/4" male sweat adapter	25	300
	F80E64	3/4" F1960 x 1/2" male sweat adapter	25	250
	F80E66	3/4" F1960 x 3/4" male sweat adapter	25	200
	F80E68	3/4" F1960 x 1" male sweat adapter	10	150
	F80E88	1" F1960 x 1" male sweat adapter	10	100
	F80E1010	1-1/4" F1960 x 1-1/4" male sweat adapter	10	50
	F80E1212	1-1/2" F1960 x 1-1/2" male sweat adapter	5	25
	F80E1616	2" F1960 x 2" male sweat adapter	2	10
Tees –F1960 × F1960 × F1960				
	F306E444	1/2" F1960 x 1/2" F1960 x 1/2" F1960 Tee	50	350
	F306E446	1/2" F1960 x 1/2" F1960 x 3/4" F1960 Tee	25	200
	F306E644	3/4" F1960 x 1/2" F1960 x 1/2" F1960 Tee	25	200
	F306E646	3/4" F1960 x 1/2" F1960 x 3/4" F1960 Tee	25	175
	F306E664	3/4" F1960 x 3/4" F1960 x 1/2" F1960 Tee	25	175
	F306E666	3/4" F1960 x 3/4" F1960 x 3/4" F1960 Tee	25	175
	F306E668	3/4" F1960 x 3/4" F1960 x 1" F1960 Tee	10	100
	F306E866	1" F1960 x 3/4" F1960 x 3/4" F1960 Tee	10	100
	F306E884	1" F1960 x 1" F1960 x 1/2" F1960 Tee	10	100
	F306E886	1" F1960 x 1" F1960 x 3/4" F1960 Tee	10	100
	F306E888	1" F1960 x 1" F1960 x 1" F1960 Tee	10	80
Female Sweat Adapters – F1960 × FSWT				
	F105E44	1/2" F1960 x 1/2" female sweat adapter	50	300
	F105E46	1/2" F1960 x 3/4" female sweat adapter	25	225
	F105E64	3/4" F1960 x 1/2" female sweat adapter	25	200
	F105E66	3/4" F1960 x 3/4" female sweat adapter	25	150
	F105E68	3/4" F1960 x 1" female sweat adapter	10	125
	F105E88	1" F1960 x 1" female sweat adapter	10	90
	F105E1010	1-1/4" F1960 x 1-1/4" female sweat adapter	10	70
	F105E1212	1-1/2" F1960 x 1-1/2" female sweat adapter	5	35
	F105E1616	2" F1960 x 2" female sweat adapter	2	10
Plugs – F1960				
	F106E4	1/2" F1960 Plug	50	500
	F106E6	3/4" F1960 Plug	25	750
	F106E8	1" F1960 Plug	10	300

Category	Item No.	Description	Min Qty.	Case Qty.
Female Adapters Non-Swivel – F1960 × Female				
	F112E44	1/2" F1960 x 1/2" female npt adapter	50	250
	F112E46	1/2" F1960 x 3/4" female npt adapter	25	150
	F112E64	3/4" F1960 x 1/2" female npt adapter	25	175
	F112E66	3/4" F1960 x 3/4" female npt adapter	25	150
	F112E68	3/4" F1960 x 1" female npt adapter	10	80
	F112E88	1" F1960 x 1" female npt adapter	10	80
	F112E1010	1-1/4" F1960 x 1-1/4" female npt adapter	10	70
NSF	F112E1212	1-1/2" F1960 x 1-1/2" female npt adapter	5	35
	F112E1616	2" F1960 x 1" female npt adapter	2	16
Male Pipe Adapters – F1960 × Male				
	F88E44	1/2" F1960 x 1/2" male npt adapter	50	250
	F88E46	1/2" F1960 x 3/4" male npt adapter	25	200
	F88E66	3/4" F1960 x 3/4" male npt adapter	25	100
	F88E68	3/4" F1960 x 1" male npt adapter	10	100
	F88E86	1" F1960 x 3/4" male npt adapter	10	100
	F88E88	1" F1960 x 1" male npt adapter	10	80
	F88E1010	1-1/4" F1960 x 1-1/4" male npt adapter	10	70
NSF	F88E1212	1-1/2" F1960 x 1-1/2" male npt adapter	5	25
	F88E1616	2" F1960 x 2" male npt adapter	2	10
Elbows – F1960 × F1960				
	F307E44	1/2" F1960 x 1/2" F1960 Elbow	50	500
	F307E66	3/4" F1960 x 3/4" F1960 Elbow	25	200
	F307E88	1" F1960 x 1" F1960 Elbow	10	100
NSF				
Male Sweat Elbow – F1960 × MSWT				
	F314E66	3/4" F1960 x 3/4" male sweat elbow	25	75
NSF				
Female Sweat Elbow – F1960 × FSWT				
	F315E66	3/4" F1960 x 3/4" female sweat elbow	25	75
NSF				
Drop Ear Elbow – F1960 × F1960				
	F326E44	1/2" F1960 x 1/2" FIP Drop Ear 90	25	100
NSF				

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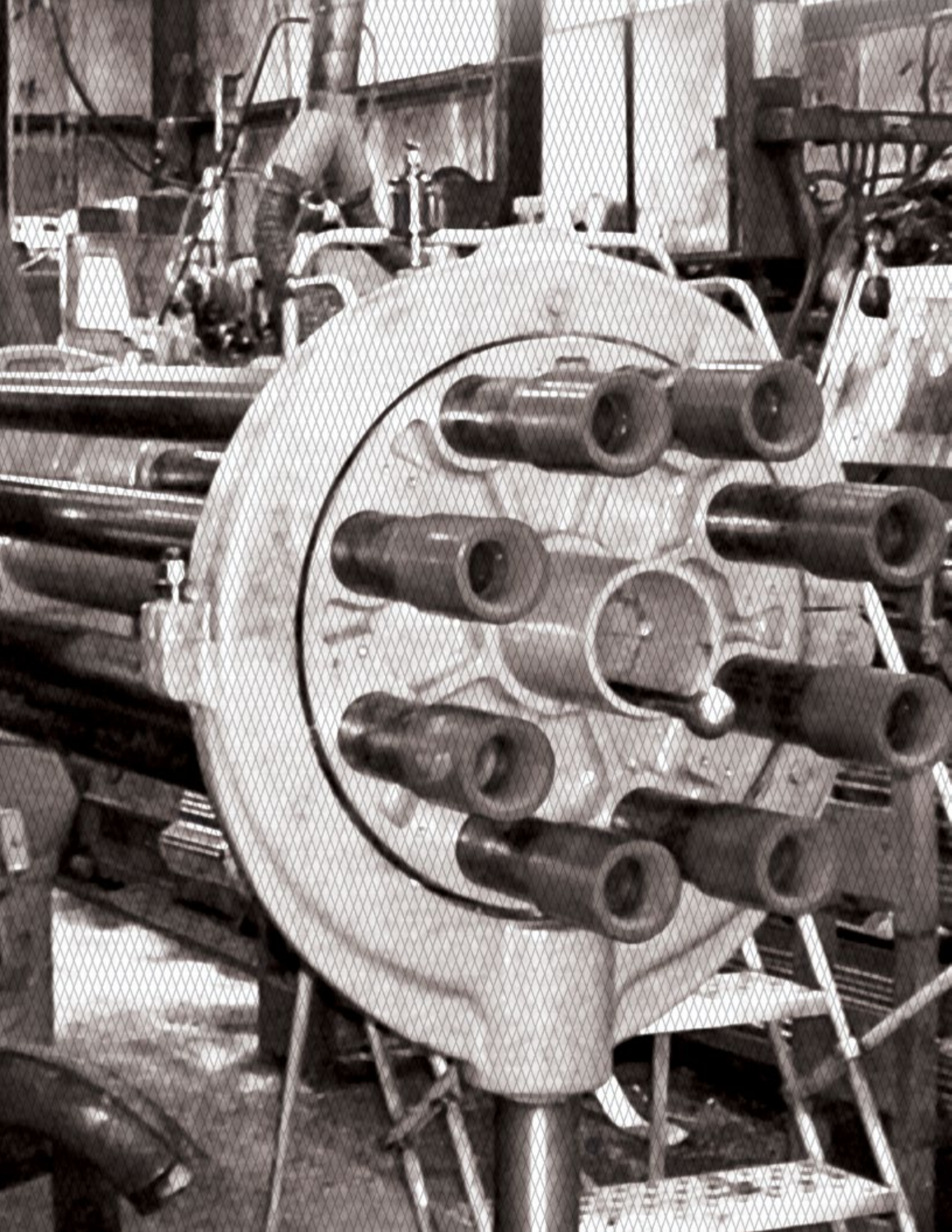

ASTM F1807

Standard Crimp PEX Fittings & Accessories

ASTM F1807 Lead-Free Fittings

Made in the USA | cNSFus-pwG | Lead-Free Compliant | CSA B137.5 | ECO BRASS

Category	Item No.	Description	Min Qty.	Case Qty.
Couplings – F1807 × F1807				
	F01E33	3/8" F1807 x 3/8" F1807 coupling	50	500
	F01E43	1/2" F1807 x 3/8" F1807 coupling	50	500
	F01E44	1/2" F1807 x 1/2" F1807 coupling	50	500
	F01E64	3/4" F1807 x 1/2" F1807 coupling	25	350
	F01E66	3/4" F1807 x 3/4" F1807 coupling	25	300
	F01E86	1" F1807 x 3/4" F1807 coupling	10	250
	F01E88	1" F1807 x 1" F1807 coupling	10	200
	F01E1010	1-1/4" F1807 x 1-1/4" F1807 coupling	10	100
Male Sweat Adapters – F1807 × MSWT				
	F02E33	3/8" F1807 x 3/8" male sweat	50	500
	F02E34	3/8" F1807 x 1/2" male sweat	50	500
	F02E43	1/2" F1807 x 3/8" male sweat	50	500
	F02E44	1/2" F1807 x 1/2" male sweat	50	500
	F02E66	3/4" F1807 x 3/4" male sweat	25	225
	F02E88	1" F1807 x 1" male sweat	10	100
Stub Out Adapters – F1807 × Stub				
	F03E34	3/8" F1807 x 1/2" stub adapter	50	250
	F03E44	1/2" F1807 x 1/2" stub adapter	50	500
	F03E66	3/4" F1807 x 3/4" stub adapter	25	250
Female Swivel Adapters – F1807 × Female Swivel				
	F04E44S2	1/2" F1807 x 1/2" female swivel adapter (plastic nut)	50	200
	F24E44S2	1/2" F1807 x 1/2" female swivel adapter (brass nut)	50	200
	F24E66S1	3/4" F1807 x 3/4" female swivel adapter (brass nut)	25	200
Tees – F1807 × F1807 × F1807				
	F06E333	3/8" F1807 x 3/8" F1807 x 3/8" F1807 Tee	50	350
	F06E444	1/2" F1807 x 1/2" F1807 x 1/2" F1807 Tee	50	350
	F06E446	1/2" F1807 x 1/2" F1807 x 3/4" F1807 Tee	25	200
	F06E644	3/4" F1807 x 1/2" F1807 x 1/2" F1807 Tee	25	200
	F06E646	3/4" F1807 x 1/2" F1807 x 3/4" F1807 Tee	25	175
	F06E664	3/4" F1807 x 3/4" F1807 x 1/2" F1807 Tee	25	175
	F06E666	3/4" F1807 x 3/4" F1807 x 3/4" F1807 Tee	25	175
	F06E668	3/4" F1807 x 3/4" F1807 x 1" F1807 Tee	10	100
	F06E866	1" F1807 x 3/4" F1807 x 3/4" F1807 Tee	10	100
	F06E868	1" F1807 x 3/4" F1807 x 1" F1807 Tee	10	100
	F06E884	1" F1807 x 1" F1807 x 1/2" F1807 Tee	10	100
	F06E886	1" F1807 x 1" F1807 x 3/4" F1807 Tee	10	100
	F06E888	1" F1807 x 1" F1807 x 1" F1807 Tee	10	100

Category	Item No.	Description	Min Qty.	Case Qty.
Elbows – F1807 × F1807				
	F07E33	3/8" F1807 x 3/8" F1807 Elbow	50	500
	F07E44	1/2" F1807 x 1/2" F1807 Elbow	50	500
	F07E64	3/4" F1807 x 1/2" F1807 Elbow	25	200
	F07E66	3/4" F1807 x 3/4" F1807 Elbow	25	200
	F07E88	1" F1807 x 1" F1807 Elbow	10	100
Plugs – F1807				
	F08E4	1/2" F1807	50	500
	F08E6	3/4" F1807	25	500
	F08E8	1" F1807	10	100
Female Fixed Adapter – F1807 × Female				
	F09E44	1/2" F1807 x 1/2" female adapter (non-swivel)	50	200
	F09E46	1/2" F1807 x 3/4" female adapter (non-swivel)	25	125
	F09E66	3/4" F1807 x 3/4" female adapter (non-swivel)	25	125
	F09E68	3/4" F1807 x 1" female adapter (non-swivel)	10	50
	F09E88	1" F1807 x 1" female adapter (non-swivel)	10	50
Male Pipe Adapters – F1807 × Male				
	F10E34	3/8" F1807 x 1/2" male pipe	50	200
	F10E44	1/2" F1807 x 1/2" male pipe	50	300
	F10E46	1/2" F1807 x 3/4" male pipe	25	175
	F10E64	3/4" F1807 x 1/2" male pipe	25	225
	F10E66	3/4" F1807 x 3/4" male pipe	25	175
	F10E68	3/4" F1807 x 1" male pipe	10	80
	F10E86	1" F1807 x 3/4" male pipe	10	80
	F10E88	1" F1807 x 1" male pipe	10	80
Sweat Elbows – F1807 × Sweat				
	F14E66	3/4" F1807 x 3/4" male sweat elbow	25	75
	F15E66	3/4" F1807 x 3/4" female sweat elbow	25	75

ASTM F1807 Fittings

Category	Item No.	Description	Min Qty.	Case Qty.
F1807 To Polybutylene (PB) Transition Fittings – F1807 × PB				
	F18E33	3/8" F1807 x 3/8" PB	50	500
	F18E44	1/2" F1807 x 1/2" PB	50	500
	F18E66	3/4" F1807 x 3/4" PB	25	325
	F18E88	1" F1807 x 1" PB	10	170
F1807 To Polybutylene (PB) Kit – F1807 × PB And Crimp Rings				
	F59E33	3/8" F1807 x 3/8" PB and 2" crimp rings (kit)	1	10
	F59E44	1/2" F1807 x 1/2" PB and 2" crimp rings (kit)	1	10
	F59E66	3/4" F1807 x 3/4" PB and 2" crimp rings (kit)	1	10
	F59E88	1" F1807 x 1" PB and 2" crimp rings (kit)	1	10
Female Sweat Adapters – F1807 × Fswt				
	F19E44	1/2" F1807 x 1/2" female sweat adapter	50	450
	F19E66	3/4" F1807 x 3/4" female sweat adapter	25	200
	F19E88	1" F1807 x 1" female sweat adapter	10	125
	F19E1010	1-1/4" F1807 x 1-1/4" female sweat adapter	10	100
Female Swivel Elbow – F1807 × Female Swivel				
	F21E44S2	1/2" F1807 x 1/2" female swivel elbow	50	200
	F21EE44S2	1/2" F1807 x 1/2" female swivel elbow (brass nut)	50	200
Male Pipe Elbow Adapters – F1807 × Male				
	F22E44	1/2" F1807 x 1/2" male pipe elbow	50	150
	F22E66	3/4" F1807 x 3/4" male pipe elbow	25	75
Drop Ear Elbow – F1807 × Female				
	F26E44	1/2" F1807 x 1/2" female pipe elbow	50	150
	F26E66	3/4" F1807 x 3/4" female pipe elbow	25	75
Drop Ear Elbow – F1807 × Female				
	F25C3	3/8" copper crimp rings	50	500
	F25C4	1/2" copper crimp rings	50	500
	F25C6	3/4" copper crimp rings	25	325
	F25C8	1" copper crimp rings	10	100

Category	Item No.	Description	Min Qty.	Case Qty.
Shutoff Valves – F1807 × F1807				
	F44E44	1/2" F1807 x 1/2" F1807 shutoff valve	10	100
	F44E66	3/4" F1807 x 3/4" F1807 shutoff valve	10	100
Crimping Tools (Heavy Duty) Tempered Steel				
	Px-1002	1/2"	1	1
	Px-1003	3/4"	1	1
	Px-1004	1"	1	1
MADE IN USA				
Mini Manifolds				
	F180B604-3	3/4" F1807 inlet x closed with 3-1/2" branches	1	50
	F180B664-3	3/4" F1807 inlet x 3/4" outlet with 3-1/2" branches	1	50
	F180B604-4	3/4" F1807 inlet x closed with 4-1/2" branches	1	50
	F180B664-4	3/4" F1807 inlet x 3/4" outlet with 4-1/2" branches	1	50

For heating and non-potable applications, please call for current inventory and pricing on standard brass items.

Experienced Tribal workforce — making it in America.

Water Regulator & Check Valve

NSF-61 Listed | Lead-Free Compliant

Category	Item No.	Description	Min Qty.	Case Qty.
Backflow Preventer – mpt × mpt				
NSF	G-784-9A	1/2" mpt x 1/2" mpt backflow preventer	10	200
Water Regulator Assembly – MGH × FGH Swivel				
NSF	F217C	3/4" FGH (inlet) x 3/4" MGH water regulator, 45 PSI	5	100

> “At Tribal, we build quality into all of our PEX fitting systems – from raw materials and design to fabrication and testing.”

F1960 Poly Sleeve Expansion PEX Fitting System, p.6

ABOUT TRIBAL

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Guide to the Tribe

About Tribal

Tribal is one of the most efficient and capable machining operations in the world. We produce large volumes of both straight and directional machined parts and fittings - and assemblies made from them - at world-competitive pricing.

As an American manufacturer, Tribal is:

Fast: We have multi-generational industry experience and an impressive fleet of automated equipment.

Agile: We excel at both large and small orders, for stock parts or customized parts requiring development.

Innovative: We create for you and with you, oftentimes improving product with ideas and engineering.

Cost-Efficient: We compete on costs through automation, power-buying and controlled overhead.

Tribal is more than just fast, quality and cost-competitive parts. We are a family owned and operated manufacturing company. And we are proud to be so.

We also cherish the idea of partnership - because together, we can and will do more. Whether through a family, a company, a country or a tribe, when we work together for a common cause great things can happen … and quickly too. Your cause will be our cause.

Expand and strengthen your business with Tribal. We will work alongside you, to help you build your brand and grow your business.

Capabilities

Tribal's capabilities are rare. They are one of our greatest advantages. We have an incredible fleet of automated machining equipment built for both straight and directional fittings. We have coupled this investment with high technology raw material handling equipment, high technology quality control equipment and high technology post processing equipment. With this battle machine, Tribal is hard to beat - and will serve you well in the daily business trenches.

Value Engineering: We can examine your design and make recommendations for improvements, materials savings and more.

Value Sourcing: We can examine your project and make recommendations for sources – or even manage those sources on your behalf.

Joint Presentations: We can partner with you for joint presentations to your customers, as needed; a service that may be of value if you need to communicate the technical aspects of material selection or machining.

Quality

At Tribal, engineered quality is our foundation.
Our reputation and market success are the best proof of it.

When it comes to machined metal parts, especially in the markets and for the customers we serve, quality cannot be compromised. Quality starts at raw materials and extends through every manufacturing step thereafter. Tribal knows this.

Some of the largest, multinational companies in the world have sent audit teams comprised of quality experts and engineers to review Tribal. Time and time again, we are approved as vendors - and quickly.

Tribal operates an **ISO 9001:2008** factory in Marshall, Michigan, certified for more than 15 years. In that time, we have never experienced a *major non-conformance*. Tribal also holds numerous certifications and approvals with NSF, UL and CSA listed products.

The core of Tribal's quality method is Statistical Process Control (SPC), because quality is a repeatable formula. Tribal not only has mastered quality manufacturing, we are a well-oiled, quality machine from top to bottom.

Capability Quick Facts

- Large fleet of rotary transfers -1/2" - 1"
- Large fleet of screw machines -1/4" - 2"
- CNC machining equipment
- Automation from bar stock to borings
- Automated secondary equipment
- Automated annealing equipment
- Automated washing equipment
- Automated oil management equipment
- Automated packaging equipment
- Last year, Tribal produced products for customers from millions of parts to less than 5,000 … every week.

Quality Quick Facts

- NSF certified products: NSF-pw G, Annex-G (no-lead compliance)
- Full software-driven SPC capabilities
- Gages controlled by gage track software system
- Full process-control plans per part number
- 1.33 Cpk maintained on critical characteristics

> "Tribal not only has mastered quality manufacturing, we are a well-oiled, quality machine from top to bottom."

Innovation

Tribal understands the power of new ideas. Your business is driven by the next product. With a history of patents and patents pending, we will be inventive for you too.

Join the tribe - and see how we can help you invent to grow your business.

Tribal has executed many product development projects, often contributing to the design process. We draw on our machining and manufacturing experience, and as members of your team, we will work to share our creativity with you.

We will also innovate production to help bring your products to life. Our production and engineering capabilities allow us to perform most development steps in-house. Faster to market is faster to profits.

Today, many industry trends demand development.
We can produce:

Green Products: We machine in green / eco alloys and produce millions of parts in these alloys each year.

Assemblies: We put the pieces together - literally. We can test them, too - and on semi-automated or automated equipment if the project demands it.

Valves: We machine and manufacture complete valves, valve parts and other specialty valves.

Material Combinations: We can combine metals and plastics - brass, steel, copper and plastic and more.

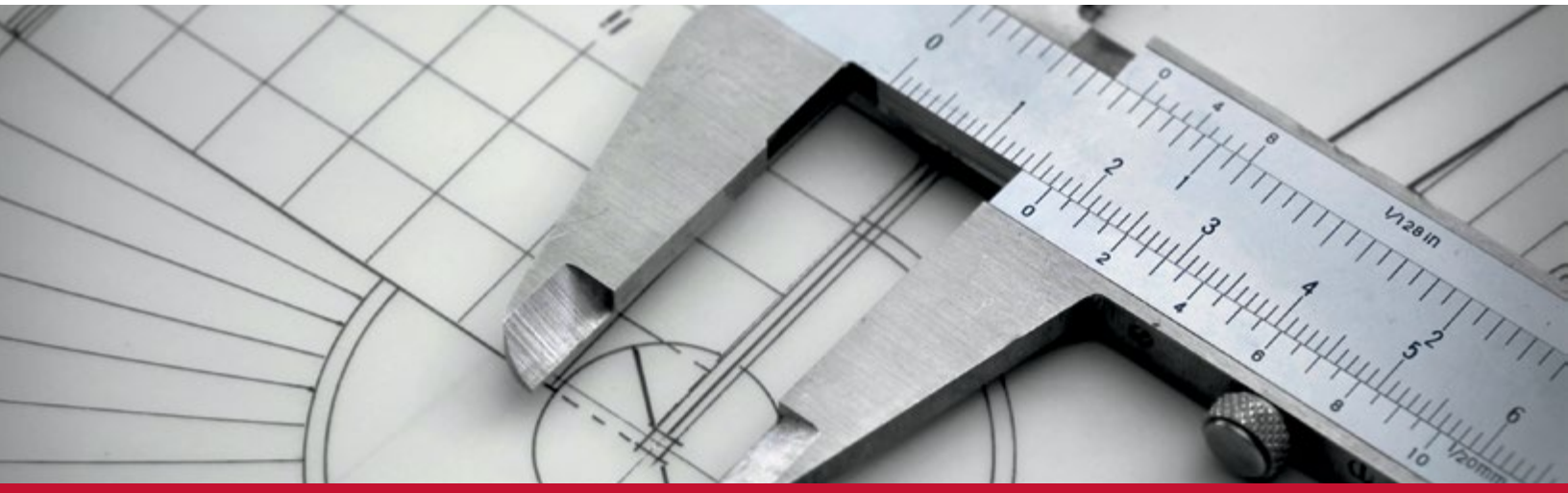
Standards & Listings: We can develop standards and obtain listings on your behalf.

Innovation Quick Facts

- Engineering department to support R&D
- Experience innovating and patenting
- 3D modeling sourcing experience

Speed Quick Facts

- Cycle times as low as 2.5 seconds
- Engineering to minimize cycle times
- Fast & flexible set-ups
- Automated bar-handling equipment & automated chip-handling equipment
- Automated material-handling equipment from raw materials to secondary processing



Selling American

There are many reasons to partner with Tribal — from quality, to service, to price and more. While we are proud to make products in America, we won't ask you to "Buy American." We think it is a good idea, but for many, it rings hollow.

We will, nevertheless, suggest that you can "sell American" to your customers. There is a difference. We believe your employees will care, as they will be proud to be buying American. We believe, most importantly, that your customers will be excited and passionate about your decision to sell them American made products. This will help your brand now and for years to come. Selling American is a solid, strategic business decision.

Index

Item No.	Page No	Min Qty	Case Qty
F01E33	14	50	500
F01E43	14	50	500
F01E44	14	50	500
F01E64	14	25	350
F01E66	14	25	300
F01E86	14	10	250
F01E88	14	10	200
F01E1010	14	10	100
F02E33	14	50	500
F02E34	14	50	500
F02E43	14	50	500
F02E44	14	50	500
F02E66	14	25	225
F02E88	14	10	100
F03E34	14	50	250
F03E44	14	50	500
F03E66	14	25	250
F04E44S2	14	50	200
F06E333	14	50	350
F06E444	14	50	350
F06E446	14	25	200
F06E644	14	25	200
F06E646	14	25	175
F06E664	14	25	175
F06E666	14	25	175
F06E668	14	10	100
F06E866	14	10	100
F06E868	14	10	100
F06E884	14	10	100
F06E886	14	10	100
F06E888	14	10	100
F07E33	15	50	500
F07E44	15	50	500
F07E64	15	25	200
F07E66	15	25	200
F07E88	15	10	100
F08E4	15	50	500
F08E6	15	25	500
F08E8	15	10	100
F09E44	15	50	200
F09E46	15	25	125
F09E66	15	25	125
F09E68	15	10	50
F09E88	15	10	50
F10E34	15	50	200
F10E44	15	50	300
F10E46	15	25	175
F10E64	15	25	225
F10E66	15	25	175
F10E68	15	10	80
F10E86	15	10	80
F10E88	15	10	80
F14E66	15	25	75
F15E66	15	25	75
F18E33	16	50	500
F18E44	16	50	500
F18E66	16	25	325
F18E88	16	10	170
F19E44	16	50	450
F19E66	16	25	200
F19E88	16	10	125
F19E1010	16	10	100
F21E44S2	16	50	200
F21EE44S2	16	50	200
F22E44	16	50	150
F22E66	16	25	75
F24E44S2	14	50	200
F24E66S1	14	25	200
F25C3	16	50	500
F25C4	16	50	500
F25C6	16	25	325
F25C8	16	10	100
F26E44	16	50	150
F26E66	16	25	75
F44E44	17	10	100
F44E66	17	10	100
F59E33	16	1	10
F59E44	16	1	10
F59E66	16	1	10
F59E88	16	1	10
F80E44	10	50	400
F80E46	10	25	300
F80E64	10	25	250
F80E66	10	25	200
F80E68	10	10	150
F80E88	10	10	100
F80E1010	10	10	50
F80E1212	10	5	25
F80E1616	10	2	10
F87E44	10	50	400
F87E64	10	25	250
F87E66	10	25	175
F87E86	10	10	125
F87E88	10	10	100
F87E1616	10	2	20
F88E44	11	50	250
F88E46	11	25	200
F88E66	11	25	100
F88E68	11	10	100
F88E86	11	10	100
F88E88	11	10	80
F88E1010	11	10	70
F88E1212	11	5	25
F88E1616	11	2	10
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F95E64	6	25	200
F95E66	6	25	125
F95E86	6	10	70
F95E88	6	10	70
F95E108	6	10	50
F95E128	6	5	40
F95E168	6	5	20
F95E1010	6	10	40
F95E1210	6	5	35
F95E1212	6	5	30
F95E1610	6	5	20
F95E1612	6	2	20
F95E1616	6	2	10
F96E44	7	50	200
F96E66	7	25	100

Item No.	Page No	Min Qty	Case Qty
F96E68	7	25	75
F96E88	7	10	70
F96E1010	7	10	40
F96E1212	7	5	15
F96E1616	7	2	10
F97E44	6	50	400
F97E66	6	25	125
F97E68	6	10	125
F97E88	6	10	80
F97E810	6	10	60
F97E1010	6	10	40
F97E1012	6	10	40
F97E1212	6	5	30
F97E1216	6	5	15
F97E1616	6	2	10
F97E1620	6	2	10
F98E44	7	50	350
F98E68	7	10	100
F98E88	7	10	100
F98E1010	7	10	80
F98E1212	7	5	50
F98E1616	7	5	25
F99E44	7	50	200
F99E66	7	25	100
F99E88	7	10	50
F99E1010	7	10	30
F99E1212	7	5	15
F99E1616	7	2	10
F103E4	7	50	1000
F103E6	7	25	750
F103E8	7	10	300
F103E10	7	5	150
F105E44	10	50	300
F105E46	10	25	225
F105E64	10	25	200
F105E66	10	25	150
F105E68	10	10	125
F105E88	10	10	90
F105E1010	10	10	70
F105E1212	10	5	35

Item No.	Page No	Min Qty	Case Qty
F105E1616	10	2	10
F106E4	10	50	500
F106E6	10	25	750
F106E8	10	10	300
F112E44	11	50	250
F112E46	11	25	150
F112E64	11	25	175
F112E66	11	25	150
F112E68	11	10	80
F112E88	11	10	80
F112E1010	11	10	70
F112E1212	11	5	35
F112E1616	11	2	16
F132B4	8	50	600
F132B6	8	25	300
F132B8	8	10	150
F132B10	8	10	70
F132B12	8	10	50
F132B16	8	5	25
F180B604-3	17	1	50
F180B604-4	17	1	50
F180B664-3	17	1	50
F180B664-4	17	1	50
F208E16	6	2	10
F208E444	6	50	350
F208E446	6	25	200
F208E644	6	25	200
F208E646	6	25	175
F208E664	6	25	175
F208E666	6	25	175
F208E668	6	10	100
F208E866	6	10	100
F208E868	6	10	100
F208E884	6	10	100
F208E886	6	10	100
F208E888	6	10	80
F208E1068	6	10	60
F208E1088	6	10	60
F208E1268	6	5	30
F208E10106	6	10	60

Item No.	Page No	Min Qty	Case Qty
F208E10108	6	10	60
F208E12128	6	5	30
F208E16168	6	2	10
F208E101010	6	10	60
F208E121212	6	5	30
F209E10	7	10	60
F209E12	7	5	30
F209E16	7	2	10
F209E44	7	50	500
F209E66	7	25	200
F209E88	7	10	100
F210E44	7	50	300
F210E66	7	25	150
F212E44	8	50	250
F217C	18	5	100
F300N4	10	50	500
F300N6	10	25	250
F300N8	10	10	100
F306E444	10	50	350
F306E446	10	25	200
F306E644	10	25	200
F306E646	10	25	175
F306E664	10	25	175
F306E666	10	25	175
F306E668	10	10	100
F306E866	10	10	100
F306E884	10	10	100
F306E886	10	10	100
F306E888	10	10	80
F307E44	11	50	500
F307E66	11	25	200
F307E88	11	10	100
F314E66	11	25	75
F315E66	11	25	75
F326E44	11	25	100
G-784-9A	18	10	200
P×-1002	17	1	1
P×-1003	17	1	1
P×-1004	17	1	1

Warranty

Limited Warranty - Brass Components

This limited warranty is subject to the limitations and following conditions set forth. Tribal Manufacturing warrants that when Tribal manufactured and supplied fittings are used in conjunction with composite pipe and PEX approved by Tribal Manufacturing meeting the required third party listings will under normal conditions of use for potable water and/or radiant heating applications, be free of defects in material and workmanship for Twelve (12) years. Tribal Manufacturing fittings must be originally installed by a licensed contactor, manufactured housing or recreational vehicle manufacturer in accordance with accepted and approved installation instructions and subject to our warranty set forth herein. Tribal Manufacturing will replace the amount of proven defective product with a like quantity free of charge. This warranty commences on the date of purchase of Tribal Manufacturing fittings.

Failure to properly install Tribal Manufacturing products in accordance with approved manufacturer's instructions shall void all applicable warranties. Tribal Manufacturing, its parent company and related companies will not be liable for any other losses or expenses not specifically described above, and negate any liability for consequential or contingent damages.

This limited warranty is in lieu of all other warranties or obligations, express or implied, including any implied warranty of merchantability or fitness for a particular purpose.

If you believe a product fails to meet the above limited warranty, you should notify us in writing prior to expiration of the applicable warranty period set forth above at the following address:

Tribal Manufacturing
450 Leggitt Road
Marshall, MI 49068
269-781-3901

Notification should include a description of the product, model number (if available), date of purchase and/or installation and how the product fails to meet the above limited warranty. Upon receipt of written claim under this limited warranty and evidence and/or identification of the date of manufacturing of the product and after inspection by an authorized Tribal Manufacturing representative, at our option, and in our sole discretion, we will either repair or replace the product with a Tribal Manufacturing product of the same or similar type, size and like quantity. We will not pay any cost (labor or otherwise) associated with removing previously installed product(s), installing replacement product(s), transportation or return of product(s). If, as determined by Tribal Manufacturing, repair or replacement of the product is not commercially practical, or cannot be completed in a timely manner, we may refund the ultimate purchase price paid for the product upon verification by providing a copy of your purchase order, invoice, receipt or bill of sale.

Ordering Information

To Place Orders

Customer Service
1-269-781-3901 8 am- 5 pm EST

Fax orders to:
1-269-789-3102

E-mail to:
Scott.Young@Tribalmfg.com

Customer Service & Technical Information

Phone:
1-269-781-3901

Website:
www.tribalmfg.com

For Terms and Conditions, please see Tribal pricing sheet, contact your representative, or contact Customer Service at 269-781-3901.

Customer/Client Credit Application

Corporate Information

Legal Name of Business _____

Street _____

City _____

State/Prov _____ Zip/Post. _____

Telephone _____

Fax _____

Type of Business _____

Dunn & Bradstreet/Creditel No. _____

Type of Organization

Incorporated Company _____

Partnership _____

Sole Owner _____

Government _____

Date Incorporated/Established _____

No.of Employees _____

Approx. Sales/year _____

Amount of credit required _____

Management Information

Names of officers/directors/partners/owners	Title	Telephone

Financial

Bank _____ Address _____

Account Number _____ Telephone _____ Fax _____

Current Major Suppliers

Name	City/State/Province	Telephone/Fax

I hereby authorize the person or firm to whom this application is submitted to obtain such credit reports or other information as may be deemed necessary in connection with the establishment and maintenance of a credit account or for any other direct business requirement.

Authorized Signature	Print Name	Title	Date

Tribal Manufacturing, Inc. **450 Leggitt Road** **Marshall, Michigan 49068**
P 1-269-781-3901 | **F** 1-269-781-1112 | www.tribalmfg.com

Catalog:
2014.1A