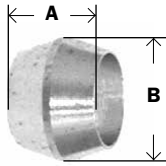


BRASS SLEEVE

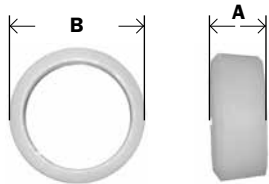
• FERRULES

SAE# 060115

60
260

Part #	Size	A	B	Approx. Wt. Lbs.	
18-001	1/8"	0.19	0.19	0.01	
18-002	3/16"	0.22	0.27	0.01	
18-003	1/4"	0.25	0.34	0.01	
18-004	5/16"	0.25	0.41	0.01	
18-005	3/8"	0.25	0.47	0.02	
18-006	7/16"	0.31	0.53	0.02	
18-007	1/2"	0.38	0.59	0.02	
18-008	5/8"	0.38	0.71	0.03	
18-009	3/4"	0.44	0.87	0.03	
18-010	7/8"	0.41	0.99	0.03	

DELTRIN SLEEVE

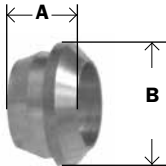


60-P

Part #	Size	A	B	Approx. Wt. Lbs.	
18-015	1/4"	0.19	0.37	0.01	
18-016	5/16"	0.19	0.43	0.01	
18-017	3/8"	0.19	0.50	0.02	
18-018	1/2"	0.25	0.63	0.02	
18-019	5/8"	0.22	0.74	0.02	

SELF-ALIGN SLEEVE - See page 88 for self-align sleeve assemblies

601



Part #	Size	A	B	Approx. Wt. Lbs.	
27-001	1/8"	0.19	0.25	0.01	
27-002	3/16"	0.20	0.31	0.01	
27-003	1/4"	0.21	0.37	0.02	

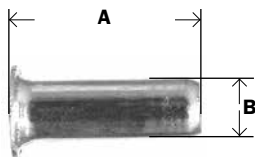


Part #	Size	A	B	Approx. Wt. Lbs.	
27-005	3/8"	0.23	0.50	0.03	
27-006	1/2"	0.35	0.62	0.03	

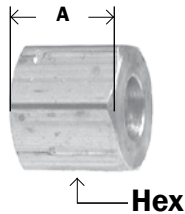
* Note: To buy compression fittings with self-align sleeve, simply delete the 18- prefix on the same size compression fitting and substitute 27- prefix. Pricing available upon request. 72 Hour lead time.

BRASS INSERT

• SLEEVE

63-BI
60AE
2030
63PT

Part #	Size	A	B	Approx. Wt. Lbs.	Wall	
22-008	1/8"	0.46	0.080	0.01	.016	
22-009	3/16"	0.45	0.135	0.01	.025	
22-009A	3/16"	0.52	0.095	0.01	.040	
22-010	1/4"	0.50	0.163	0.02	.04	
22-010A	1/4"	0.59	0.125	0.02		
22-010B	1/4"	0.53	0.172	0.02		
22-011A	5/16"	0.50	0.232	0.02	.04	
22-011	5/16"	0.53	0.187	0.02	.062	
22-012	3/8"	0.56	0.250	0.03	.062	
22-013	1/2"	0.72	0.370	0.03	.062	
22-014	5/8"	0.72	0.483	0.03	.062	
22-015	3/4"	1.03	0.563	0.03		

COMPRESSION**BRASS FITTINGS****BRASS NUT****SAE# 060110**

Part #	Size	Thread	A	Hex	Approx. Wt. Lbs.	
18-033	1/8"	5/16-24	0.38	0.37	0.01	
18-034	3/16"	3/8-24	0.41	0.43	0.01	
18-035L	1/4"	7/16-24	0.44	0.50	0.02	
18-035	1/4"	7/16-24	0.44	0.50	0.02	
18-036	5/16"	1/2-24	0.44	0.56	0.02	
18-037L	3/8"	9/16-24	0.47	0.62	0.04	
18-037	3/8"	9/16-24	0.47	0.62	0.04	
18-038	7/16"	5/8-24	0.50	0.68	0.04	
18-039L	1/2"	11/16-20	0.56	0.75	0.04	
18-039	1/2"	11/16-20	0.62	0.81	0.04	
18-040L	5/8"	13/16-18	0.56	0.87	0.06	
18-040	5/8"	13/16-18	0.62	0.94	0.06	
18-041	3/4"	1-18	0.68	1.12	0.08	
18-042	7/8"	1-1/8 - 18	0.62	1.25	0.10	

61
261

CHROME PLATED NUT

Part #	Size	
18-054	1/4"	
18-055	3/8"	
18-056	1/2"	
18-057	5/8"	

COURAGE IS THE FIRST OF HUMAN QUALITIES BECAUSE IT IS THE QUALITY
WHICH GUARANTEES ALL OTHERS.

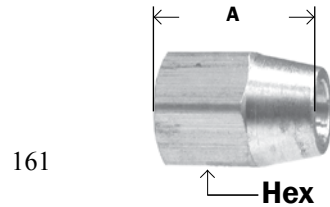
– WINSTON CHURCHILL

These are NOT Lead Free - See pages 172-174 for Lead Free products

ROCHESTER INDUSTRIAL PRODUCTS

Phone: 800-723-1670

www.rochesterindustrialproducts.com

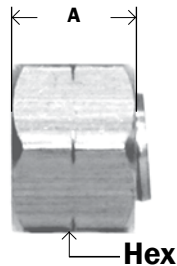
LONG NUT COMPRESSION - Can be assembled on any compression fitting

161

Part #	Size	A	Hex	Approx. Wt. Lbs.	
24-003	1/4"	0.75	0.50	0.02	
24-004	5/16"	0.84	0.56	0.02	
24-005	3/8"	0.97	0.62	0.04	
24-006	1/2"	1.06	0.81	0.06	
24-007	5/8"	1.19	0.94		

- More sizes available

* Note: To buy compression fittings with long nut, simply delete the 18- prefix on the same size compression fitting and substitute a 24- prefix. Pricing available upon request. 72 hour lead time.

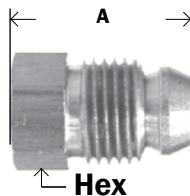
CAPTIVE SLEEVE NUT - See captive sleeve fittings on page 86-87

Part #	Size	A	Hex	Approx. Wt. Lbs.	
26-001	1/8"	0.38	0.37	0.02	
26-002	3/16"	0.40	0.43	0.02	
26-003	1/4"	0.40	0.50	0.04	
26-004	5/16"	0.44	0.56	0.04	
26-005	3/8"	0.46	0.62	0.06	
26-007	1/2"	0.50	0.81	0.08	
26-008	5/8"	0.51	0.94	0.10	

* Note: To buy compression fittings with captive sleeve, simply delete the 18- prefix on the same size compression fitting and substitute a 26- prefix. Pricing available upon request. 72 hour lead time.

BREAK-AWAY NUT

181-BA
21604
99LB
81LB



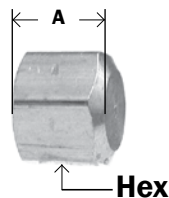
- 1-Piece Fitting

Part #	Size	A	Hex	Approx. Wt. Lbs.	
16-090	3/16"	0.57	0.37	0.02	
16-010	1/4"	0.62	0.43	0.02	

* Threaded sleeve fittings on page 85.

CAP

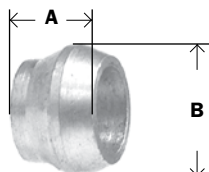
61-CC
N5CT



Part #	Size	A	Hex	Approx. Wt. Lbs.	
18-047	1/4"	0.44	0.50	0.02	
18-048	3/8"	0.40	0.62	0.04	
18-049	1/2"	0.48	0.75	0.06	
18-050	5/8"	0.56	0.94	0.10	

COMPRESSION PLUG

CSP



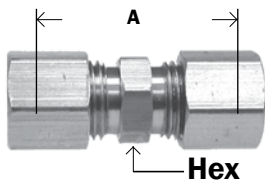
Part #	Size	A	B	Approx. Wt. Lbs.	
18-029	3/8"	0.31	0.47	0.04	
18-030	1/2"	0.34	0.59	0.06	

COMPRESSION

BRASS FITTINGS

UNION

SAE# 060101BA



M-62

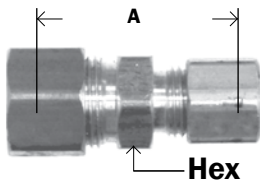
Part #	Size	A	Hex	Approx. Wt. Lbs.	
18-062	1/8"	0.64	0.31	0.03	
18-063	3/16"	0.75	0.37	0.04	
18-064L	1/4"	0.79	0.43	0.06	
18-064	1/4"	0.81	0.43	0.06	
18-065	5/16"	0.88	0.50	0.06	
18-066L	3/8"	0.96	0.56	0.09	
18-066	3/8"	0.98	0.56	0.10	
18-067	7/16"	1.02	0.62	0.12	
18-068L	1/2"	1.06	0.68	0.16	
18-068	1/2"	1.25	0.68	0.16	
18-069L	5/8"	1.43	0.81	0.24	
18-069	5/8"	1.25	0.81	0.26	
18-070	3/4"	1.41	1.00	0.35	
18-071L	7/8"	1.03	1.12	0.34	
18-071	7/8"	1.00	1.12	0.36	

CHROME PLATED UNION



Part #	Size	
31-066	3/8"	

REDUCING UNION

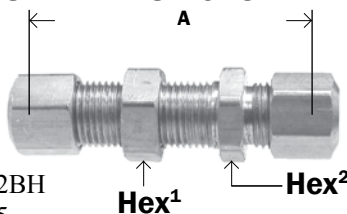


62-R

Part #	Size	A	Hex	Approx. Wt. Lbs.	
18-076	1/4" x 1/8"	0.73	0.44	0.04	
18-077	1/4" x 3/16"	0.78	0.44	0.06	
18-078	5/16" x 1/4"	0.81	0.50	0.06	
18-079	3/8" x 1/4"	0.90	0.56	0.10	
18-080	3/8" x 5/16"	0.94	0.56	0.10	
18-081	1/2" x 3/8"	1.03	0.68	0.12	
18-082	5/8" x 3/8"	1.03	0.81	0.15	
18-083	5/8" x 1/2"	1.10	0.81	0.15	
18-084	7/8" x 5/8"	1.23	1.18	0.20	

BULKHEAD UNIONS

SAE# 060101

62BH
75
274

Part #	Size	A	Hex 1	Hex 2	Approx. Wt. Lbs.	
18-088	1/4"	1.58	0.56	0.56	0.10	
18-090	3/8"	1.76	0.68	0.68	0.14	

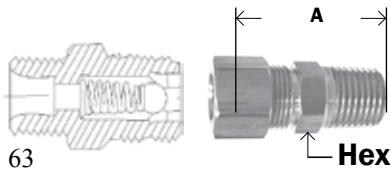
BULKHEAD NUTS



20102

Part #	Size	A	Hex	Approx. Wt. Lbs.	
18-097	1/4"	0.25	0.56	0.02	
18-099	3/8"	0.25	0.68	0.04	
18-100	1/2"	0.38	0.94	0.06	

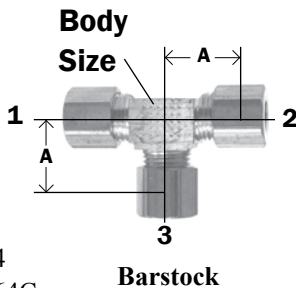
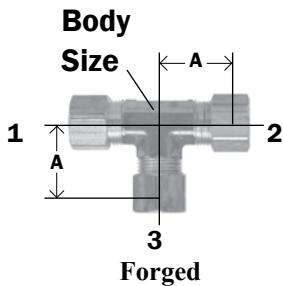
BALL CHECK VALVE - Min. Working pressure 3 psi.



Part #	Tube OD x Male NPTF	A	Hex	Approx. Wt. Lbs.	
18-092	1/8" x 1/8"	0.78	0.44	0.04	
18-094	1/4" x 1/8"	0.88	0.44	0.04	
18-096	3/8" x 1/4"	1.16	0.56	0.08	

TEE

SAE# 060401

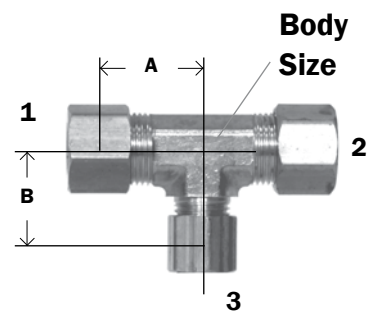


64
264C

Part #	Size	A	Body Size	Approx. Wt. Lbs.	
18-101	1/8"	0.61	0.37	0.04	
18-101B*	1/8"	0.62	0.33	0.04	
18-102	3/16"	0.59	0.36	0.08	
18-102B*	3/16"	0.60	0.38	0.08	
18-103	1/4"	0.63	0.36	0.10	
18-103B*	1/4"	0.62	0.49	0.10	
18-104	5/16"	0.72	0.50	0.13	
18-104B*	5/16"	0.60	0.50	0.14	
18-105	3/8"	0.75	0.50	0.16	
18-105B*	3/8"	0.73	0.59	0.16	
18-106	1/2"	0.94	0.59	0.22	
18-106B*	1/2"	0.94	0.69	0.24	
18-107	5/8"	1.06	0.69	0.28	
18-108	3/4"	1.22	0.88	0.32	
18-109	7/8"	1.25	0.94	0.34	

* Barstock

FORGED REDUCING TEE

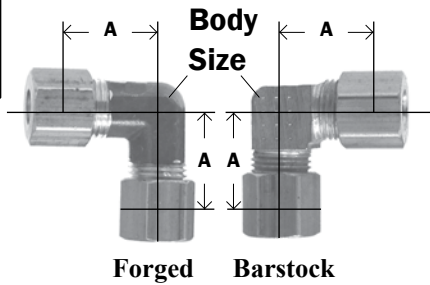


64-R

Part #	Size 1 x 2 x 3	A	B	Body Size	Approx. Wt. Lbs.	
18-114	1/4" x 1/4" x 1/8"	0.62	0.59	0.38	0.09	
18-110	1/4" x 1/4" x 3/8"	0.69	0.75	0.50	0.14	
18-111	3/8" x 1/4" x 1/4"	0.75	0.69	0.50	0.12	
18-115	3/8" x 3/8" x 1/4"	0.75	0.69	0.50	0.14	
18-116	1/2" x 1/2" x 1/4"	0.94	0.81	0.59	0.16	
18-117	1/2" x 1/2" x 3/8"	0.94	0.81	0.59	0.24	
18-118	5/8" x 5/8" x 3/8"	1.06	0.94	0.69	0.28	
18-119	5/8" x 5/8" x 1/2"	1.06	1.06	0.69	0.30	

UNION ELBOW

SAE# 060201

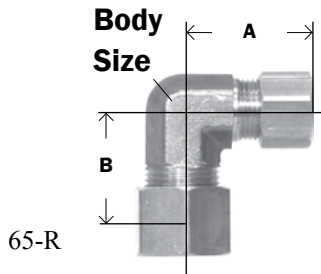


65
BSE2
165C Forged
265C Barstock

Part #	Size	A	Body Size	Approx. Wt. Lbs.	
18-122B*	1/8"	0.62	0.35	0.04	
18-123	3/16"	0.61	0.37	0.06	
18-123B*	3/16"	0.62	0.41	0.06	
18-124	1/4"	0.66	0.38	0.08	
18-124B*	1/4"	0.60	0.48	0.08	
18-125	5/16"	0.69	0.47	0.09	
18-125B*	5/16"	0.62	0.52	0.09	
18-126	3/8"	0.72	0.43	0.12	
18-127	1/2"	0.94	0.59	0.19	
18-127B*	1/2"	0.94	0.71	0.19	
18-128	5/8"	1.06	0.72	0.26	
18-129	3/4"	1.19	0.94	0.48	
18-130	7/8"	1.25	0.94	0.44	

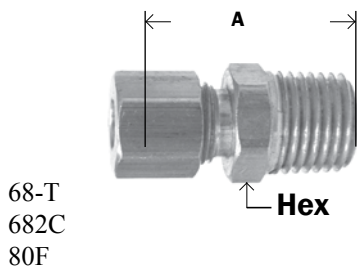
* Barstock

REDUCING ELBOW - Forged



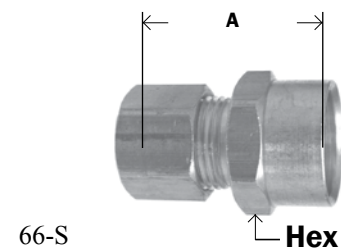
Part #	Size	A	B	Body Size	Approx. Wt. Lbs.	
18-135	3/8" x 1/4"	0.69	0.75	0.47	0.12	
18-136	1/2" x 3/8"	0.88	0.94	0.59	0.15	
18-137	5/8" x 3/8"	0.88	0.97	0.56	0.18	
31-137	3/8" OD x 5/8" OD	Chrome Plated				

TANK ADAPTER DRILLED THRU (NO STOP)



Part #	Comp. X Male NPTF	A	Hex	Approx. Wt. Lbs.	
18-208	1/4" x 1/8"	0.88	0.43	0.04	
18-209	1/4" x 1/4"	0.99	0.56	0.05	
18-210	3/8" x 1/4"	1.16	0.56	0.05	
18-211	3/8" x 3/8"	1.09	0.68	0.08	
18-212	3/8" x 1/2"	1.19	0.87	0.10	
18-213	1/2" x 3/8"	1.22	0.68	0.12	
18-214	1/2" x 1/2"	1.09	0.81	0.14	
18-215	5/8" x 1/2"	1.12	0.81	0.18	

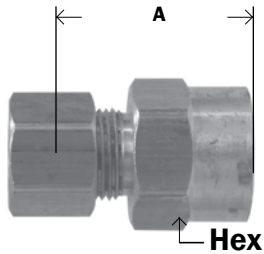
COMP X SWEAT ADAPTER



Part #	Comp. X Sweat Adapter	A	Hex	Approx. Wt. Lbs.	
18-171	3/8" x 1/2" nom.swt.	0.98	0.75	0.08	
31-171	3/8" OD x 1/2" SWT	Chrome Plated			

SAE# 060103

FEMALE ADAPTER



66

Part #	Comp. X Female NPTF	A	Hex	Approx. Wt. Lbs.	
18-142	1/8" x 1/8"	0.75	0.56	0.02	
18-143	3/16" x 1/8"	0.78	0.56	0.04	
18-144	3/16" x 1/4"	0.96	0.68	0.04	
18-145L	1/4" x 1/8"	0.84	0.50	0.05	
18-145	1/4" x 1/8"	0.78	0.56	0.05	
18-146L	1/4" x 1/4"	0.88	0.62	0.09	
18-146	1/4" x 1/4"	1.03	0.68	0.09	
18-148	1/4" x 1/2"	1.02	0.87	0.12	
18-149	5/16" x 1/8"	0.81	0.56	0.05	
18-150	5/16" x 1/4"	0.91	0.62	0.06	
18-152	3/8" x 1/8"	0.88	0.56	0.06	
18-153L	3/8" x 1/4"	0.97	0.62	0.08	
18-153	3/8" x 1/4"	1.06	0.68	0.08	
18-154L	3/8" x 3/8"	1.03	0.75	0.08	
18-154	3/8" x 3/8"	1.06	0.81	0.10	
18-155	3/8" x 1/2"	1.12	1.00	0.08	
18-156	3/8" x 3/4"	1.19	1.16	0.14	
18-157	1/2" x 1/4"	1.09	0.68	0.10	
18-158L	1/2" x 3/8"	0.94	0.81	0.12	
18-158	1/2" x 3/8"	1.12	0.81	0.12	
18-159L	1/2" x 1/2"	1.19	1.00	0.12	
18-159	1/2" x 1/2"	1.31	1.00	0.12	
18-160	1/2" x 3/4"	1.25	1.16	0.18	
18-162L	5/8" x 1/2"	1.20	0.94	0.18	
18-162	5/8" x 1/2"	1.38	1.00	0.18	
18-163	5/8" x 3/4"	1.20	1.12	0.22	
18-164	3/4" x 1/2"	1.25	1.06	0.26	
18-165	3/4" x 3/4"	1.28	1.19	0.28	
18-167	7/8" x 1/2"	1.28	1.19	0.32	
18-166	7/8" x 3/4"	1.31	1.12	0.34	

BRASS

CHROME PLATED FEMALE ADAPTER



Part #	Size	List Price
31-154	3/8" OD x 3/8" FIP	
31-155	3/8" OD x 1/2" FIP	
31-159	1/2" OD x 1/2" FIP	

DRILLED THRU COMP. UNION

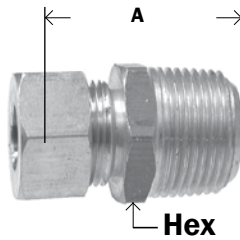


* Straight Thru/ No Stem

Part #	Size	
18-066D	3/8"	
18-069D	5/8"	
18-071D	7/8"	

MALE ADAPTER

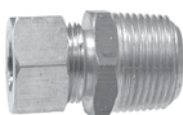
SAE# 060102



68

Part #	Comp. X Male NPTF	A	Hex	Approx. Wt. Lbs.	
18-175	1/8" x 1/16"	0.78	0.37	0.02	
18-176	1/8" x 1/8"	0.78	0.43	0.04	
18-177	3/16" x 1/8"	0.84	0.43	0.04	
18-178	3/16" x 1/4"	0.94	0.56	0.06	
18-179L	1/4" x 1/8"	0.88	0.56	0.04	
18-179	1/4" x 1/8"	0.88	0.43	0.04	
18-180L	1/4" x 1/4"	0.94	0.56	0.05	
18-180	1/4" x 1/4"	1.06	0.56	0.06	
18-181	1/4" x 3/8"	1.03	0.68	0.08	
18-182	1/4" x 1/2"	1.09	0.81	0.10	
18-183	5/16" x 1/8"	0.91	0.50	0.05	
18-184L	5/16" x 1/4"	1.01	0.56	0.06	
18-184	5/16" x 1/4"	1.09	0.56	0.06	
18-185	5/16" x 3/8"	1.06	0.68	0.07	
18-186	5/16" x 1/2"	1.14	0.87	0.10	
18-187L	3/8" x 1/8"	0.94	0.56	0.06	
18-187	3/8" x 1/8"	0.97	0.56	0.06	
18-188L	3/8" x 1/4"	1.03	0.56	0.06	
18-188	3/8" x 1/4"	1.16	0.56	0.07	
18-189L	3/8" x 3/8"	1.09	0.68	0.08	
18-189	3/8" x 3/8"	1.14	0.69	0.08	
18-190L	3/8" x 1/2"	1.19	0.88	0.12	
18-190	3/8" x 1/2"	1.34	0.87	0.13	
18-191	3/8" x 3/4"	1.29	1.06	0.16	
18-192	7/16" x 1/4"	1.06	0.62	0.10	
18-204	7/16" x 3/8"	1.10	0.68	0.12	
18-193L	1/2" x 1/4"	1.09	0.69	0.11	
18-193	1/2" x 1/4"	1.22	0.68	0.11	
18-194L	1/2" x 3/8"	1.16	0.68	0.12	
18-194	1/2" x 3/8"	1.16	0.69	0.12	
18-195L	1/2" x 1/2"	1.09	0.81	0.12	
18-195	1/2" x 1/2"	1.41	0.87	0.19	
18-196	1/2" x 3/4"	1.38	1.06	0.22	
18-197	5/8" x 3/8"	1.22	0.87	0.24	
18-198	5/8" x 1/2"	1.12	0.81	0.24	
18-199	5/8" x 3/4"	1.31	1.06	0.26	
18-200	3/4" x 1/2"	1.44	1.00	0.26	
18-201	3/4" x 3/4"	1.50	1.06	0.26	
18-202	7/8" x 1/2"	1.18	1.12	0.26	
18-203	7/8" x 3/4"	1.22	1.12	0.28	
18-205	7/8" x 1"	1.67	1.37	0.32	

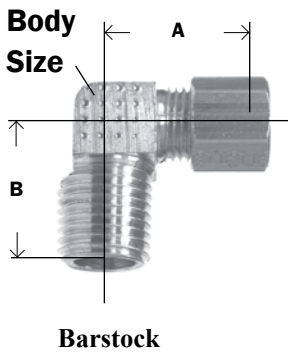
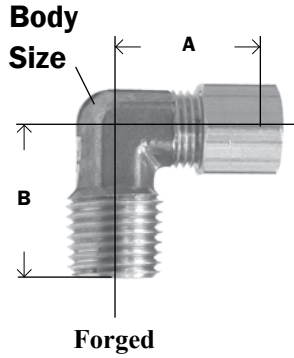
CHROME PLATED MALE ADAPTER



Part #	Size	
31-189	3/8" OD x 3/8" MIP	
31-190	3/8" OD x 1/2" MIP	
31-191	1/2" OD x 1/2" MIP	
31-194	1/2" OD x 3/8" MIP	

MALE ELBOW

SAE# 060202



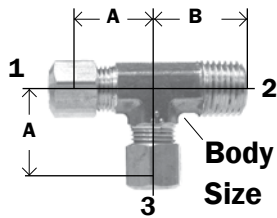
Part #	Comp. X Male NPTF	A	B	Body Size	Approx. Wt. Lbs.	
18-220	1/8" x 1/8"	0.59	0.75	0.34	0.02	
18-220B*	1/8" x 1/8"	0.60	0.67	0.43	0.04	
18-221	3/16" x 1/8"	0.63	0.72	0.34	0.04	
18-221B*	3/16" x 1/8"	0.62	0.69	0.43	0.06	
18-223	3/16" x 1/4"	0.60	0.81	0.39	0.05	
18-224	1/4" x 1/8"	0.60	0.75	0.37	0.06	
18-224B*	1/4" x 1/8"	0.62	0.75	0.43	0.06	
18-225	1/4" x 1/4"	0.65	0.94	0.36	0.08	
18-225B*	1/4" x 1/4"	0.61	0.81	0.56	0.08	
18-226	1/4" x 3/8"	0.75	0.91	0.47	0.08	
18-227	1/4" x 1/2"	0.81	1.13	0.56	0.12	
18-228	5/16" x 1/8"	0.66	0.75	0.47	0.06	
18-228B*	5/16" x 1/8"	0.62	0.75	0.42	0.06	
18-229	5/16" x 1/4"	0.66	0.81	0.47	0.07	
18-229B*	5/16" x 1/4"	0.69	0.84	0.57	0.08	
18-230	5/16" x 3/8"	0.75	0.91	0.47	0.10	
18-231	5/16" x 1/2"	0.84	1.12	0.56	0.12	
18-232	3/8" x 1/8"	0.72	0.66	0.39	0.06	
18-232B*	3/8" x 1/8"	0.69	0.69	0.57	0.06	
18-233	3/8" x 1/4"	0.75	0.82	0.46	0.08	
18-233B*	3/8" x 1/4"	0.75	0.94	0.57	0.08	
18-234	3/8" x 3/8"	0.81	0.94	0.46	0.10	
18-234B*	3/8" x 3/8"	0.71	0.83	0.69	0.10	
18-235	3/8" x 1/2"	0.87	1.12	0.56	0.14	
18-235B*	3/8" x 1/2"	0.88	1.16	0.94	0.14	
18-248	3/8" x 3/4"	1.03	1.19	0.81	0.18	
18-247	7/16" x 1/4"	0.84	1.00	0.56	0.14	
18-236	1/2" x 1/4"	0.88	0.97	0.56	0.14	
18-237	1/2" x 3/8"	0.88	1.03	0.56	0.19	
18-237B*	1/2" x 3/8"	0.94	1.12	0.70	0.19	
18-238	1/2" x 1/2"	0.94	1.13	0.59	0.17	
18-238B*	1/2" x 1/2"	0.94	1.31	0.86	0.17	
18-239	1/2" x 3/4"	1.16	1.25	0.81	0.18	
18-240	5/8" x 3/8"	1.06	1.12	0.68	0.18	
18-241	5/8" x 1/2"	1.06	1.16	0.68	0.20	
18-241B*	5/8" x 1/2"	1.06	1.31	0.86	0.20	
18-242	5/8" x 3/4"	1.16	1.31	0.81	0.24	
18-243	3/4" x 1/2"	1.19	1.31	0.94	0.26	
18-245	3/4" x 3/4"	1.19	1.38	0.94	0.30	
18-246	7/8" x 3/4"	1.25	1.38	0.94	0.35	

* Barstock

69
269C
BSE1
169C

BRASS

FORGED MALE RUN TEE

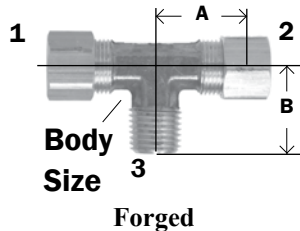


71
171C
BST3

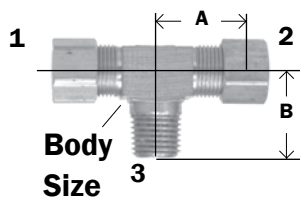
Part #	Comp. X Male NPTF (1&3) X 2	A	B	Body Size	Approx. Wt. Lbs.	
18-272	1/8" x 1/8"	0.63	0.69	0.36	0.06	
18-273	3/16" x 1/8"	0.63	0.69	0.36	0.07	
18-274	1/4" x 1/8"	0.63	0.75	0.36	0.08	
18-275	1/4" x 1/4"	0.69	0.88	0.44	0.10	
18-276	5/16" x 1/8"	0.72	0.75	0.50	0.10	
18-277	5/16" x 1/4"	0.75	0.88	0.44	0.10	
18-278	3/8" x 1/8"	0.75	0.75	0.50	0.14	
18-279	3/8" x 1/4"	0.79	0.87	0.44	0.18	
18-280	3/8" x 3/8"	0.88	1.00	0.47	0.20	
18-281	1/2" x 3/8"	0.94	1.09	0.59	0.24	
18-282	1/2" x 1/2"	0.97	1.19	0.69	0.26	
18-283	5/8" x 1/2"	1.06	1.31	0.69	0.28	
18-284	3/4" x 1/2"	1.22	1.34	0.88	0.30	

MALE BRANCH TEE

SAE# 060203



Forged



Barstock

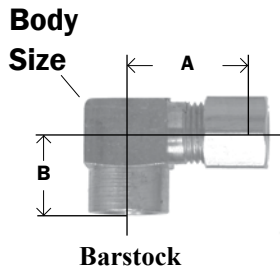
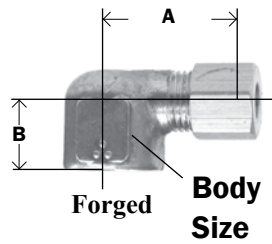
72
BST1
172C

Part #	Comp. X Male NPTF (1&2) X 3	A	B	Body Size	Approx. Wt. Lbs.	
18-290	3/16" x 1/8"	0.63	0.69	0.36	0.08	
18-291	1/4" x 1/8"	0.62	0.75	0.36	0.10	
18-291B*	1/4" x 1/8"	0.64	0.73	0.45	0.10	
18-292	1/4" x 1/4"	0.69	0.86	0.44	0.10	
18-293	5/16" x 1/8"	0.72	0.75	0.50	0.11	
18-294	5/16" x 1/4"	0.75	0.88	0.44	0.12	
18-295	3/8" x 1/8"	0.75	0.75	0.50	0.14	
18-296	3/8" x 1/4"	0.78	0.88	0.44	0.16	
18-296B*	3/8" x 1/4"	0.78	0.91	0.62	0.16	
18-297	3/8" x 3/8"	0.78	0.97	0.47	0.18	
18-298	3/8" x 1/2"	0.88	1.22	0.69	0.20	
18-304	1/2" x 1/4"	0.94	0.97	0.59	0.22	
18-299B*	1/2" x 3/8"	0.96	1.09	0.70	0.24	
18-299	1/2" x 3/8"	0.94	1.12	0.59	0.24	
18-300	1/2" x 1/2"	0.97	1.19	0.69	0.30	
18-301	5/8" x 1/2"	1.06	1.31	0.69	0.32	
18-302	3/4" x 1/2"	1.22	1.34	0.88	0.50	
18-303	3/4" x 3/4"	1.25	1.50	0.88	0.54	

* Barstock

FEMALE ELBOW

SAE# 060203

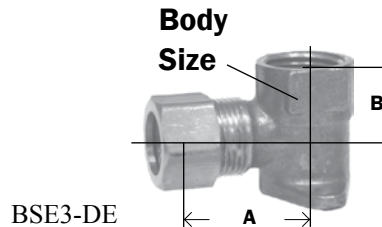


70
270C
BSE3
170C

Part #	Comp. X Female NPTF	A	B	Body Size	Approx. Wt. Lbs.	
18-251	1/8" x 1/8"	0.69	0.56	0.56	0.04	
18-252	3/16" x 1/8"	0.69	0.47	0.56	0.04	
18-253	1/4" x 1/8"	0.69	0.47	0.56	0.06	
18-253B*	1/4" x 1/8"	0.69	0.56	0.56	0.06	
18-254	1/4" x 1/4"	0.75	0.50	0.72	0.08	
18-267	1/4" x 3/8"	0.81	0.58	0.81	0.08	
18-268	1/4" x 1/2"	0.89	0.66	1.00	0.10	
18-255	5/16" x 1/8"	0.72	0.84	0.47	0.08	
18-256	5/16" x 1/4"	0.78	0.50	0.72	0.09	
18-257	3/8" x 1/8"	0.75	0.84	0.47	0.10	
18-258	3/8" x 1/4"	0.84	0.59	0.75	0.10	
18-259	3/8" x 3/8"	0.88	0.58	0.81	0.12	
18-260	3/8" x 1/2"	0.97	0.66	1.00	0.14	
18-250	3/8" x 3/4"	1.09	0.72	1.25	0.18	
18-261	1/2" x 1/4"	1.06	0.70	0.88	0.18	
18-262	1/2" x 3/8"	1.00	0.70	0.88	0.16	
18-263	1/2" x 1/2"	1.03	0.72	1.00	0.20	
18-270	1/2" x 3/4"	1.16	0.72	1.25	0.23	
18-269	5/8" x 3/8"	1.09	0.77	1.00	0.20	
18-264	5/8" x 1/2"	1.09	0.77	1.00	0.22	
18-265	5/8" x 3/4"	1.22	0.77	1.25	0.24	
18-266	3/4" x 1/2"	1.25	1.25	0.94	0.28	

* Barstock

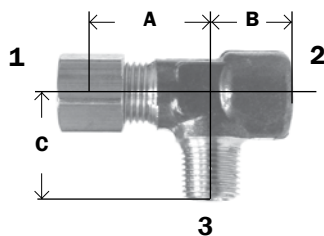
FORGED DROP-EAR ELBOW



BSE3-DE

Part #	Comp. X Female NPTF	A	B	Body Size	Approx. Wt. Lbs.	
18-271	5/8" x 1/2"	1.18	0.72	1.00	0.18	

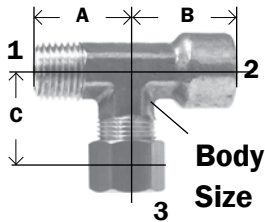
FORGED TEE



71
171C
BST3

Part #	Comp. X Female NPTF x Male NPTF 1x(2&3)	A	B	C	Approx. Wt. Lbs.	
18-307	1/4" x 1/8"	0.72	0.53	0.72	0.20	

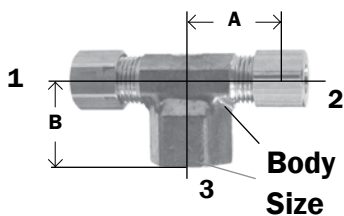
ADAPTER TEE



Part #	Male NPTF x Female NPTF x Comp. 3x (1&2)	A	B	C	Body Size	Approx. Wt. Lbs.	
18-314	1/8" x 1/4"	0.72	0.53	0.72	0.47	0.08	
18-316	3/8" x 1/4"	0.84	0.97	0.81	0.47	0.10	

76
176C

FEMALE BRANCH FORGED TEE

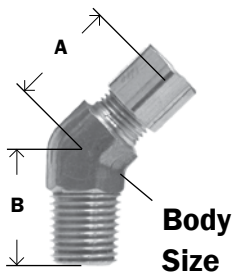


Part #	Comp. X Female NPTF (1&2)x3	A	B	Body Size	Approx. Wt. Lbs.	
18-321	1/4" x 1/8"	0.78	0.75	0.45	0.10	
18-328	1/4" x 1/4"	0.78	0.75	0.44	0.12	
18-325	3/8" x 1/8"	0.75	0.63	0.50	0.12	
18-322	3/8" x 1/4"	0.81	0.97	0.47	0.14	
18-323	3/8" x 3/8"	0.97	0.69	1.05	0.16	
18-326	1/2" x 1/8"	0.94	0.75	0.59	0.20	
18-324	1/2" x 3/8"	1.00	0.72	0.88	0.22	
18-327	5/8" x 1/8"	1.06	0.81	0.69	0.26	

78 2908
BST4
77
177C

45° ELBOW

SAE# 060302

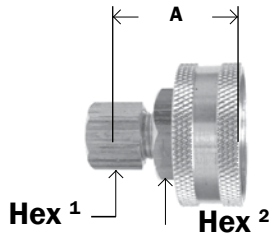


Part #	Comp. X Male NPTF	A	B	Body Size	Approx. Wt. Lbs.	
18-329	3/16" x 1/8"	0.40	0.63	0.41	0.04	
18-330	1/4" x 1/8"	0.40	0.61	0.41	0.04	
18-336	1/4" x 1/4"	0.59	0.84	0.53	0.06	
18-331	5/16" x 1/8"	0.59	0.65	0.53	0.06	
18-332	5/16" x 1/4"	0.59	0.83	0.53	0.08	
18-333	3/8" x 1/4"	0.62	0.83	0.53	0.08	
18-338	3/8" x 3/8"	0.75	0.95	0.59	0.10	
18-334	1/2" x 3/8"	0.75	0.88	0.59	0.14	
18-339	1/2" x 1/2"	0.94	1.14	0.75	0.14	
18-335	5/8" x 1/2"	0.78	1.14	0.78	0.14	

6945 273
45BSE1 77
74
179C

GARDEN HOSE SWIVEL

•WASHER INCLUDED



Part #	Compression x FGH	A	Hex 1	Hex 2	Approx. Wt. Lbs.	
30-050	1/4" x 3/4"	1.02	0.50	0.75	0.09	
30-051	3/8" x 3/4"	1.04	0.62	0.75	0.12	

BRASS

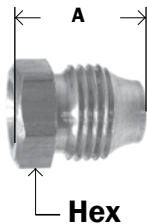
DOUBLE COMPRESSION THREADED SLEEVE FITTINGS

- Use with aluminum and copper tubing or plastic tubing with internal tube support. Not recommended for steel tubing.
- Easy to assemble, no flaring, two piece construction.
- For use on oil, air, water and grease lubrication systems.
- When design makes a dimension critical, contact us for information.

Tube OD	1/8	3/16	1/4	5/16	3/8
Thread	5/16-24	3/8-24	7/16-24	1/2-20	9/16-20
Working Pressure	500	500	500	250	250

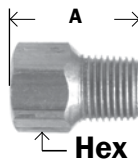
* For break away nut, see page 75.

NUT

181
6100
11

Part #	Size	A	Hex	Approx. Wt. Lbs.	
16-001	1/8"	0.50	0.37	0.02	
16-002	3/16"	0.53	0.43	0.02	
16-003	1/4"	0.56	0.50	0.04	
16-004	5/16"	0.61	0.56	0.04	
16-005	3/8"	0.61	0.62	0.04	

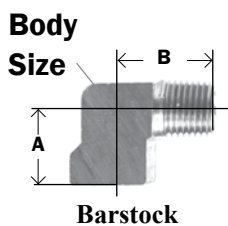
MALE ADAPTER

188
6200
12

Part #	THRD Sleeve x Male NPTF	A	Hex	Approx. Wt. Lbs.	
16-117	1/8" x *	0.62	0.43	0.02	
16-118	1/8" x 1/8"	0.62	0.43	0.02	
16-119	3/16" x 1/8"	0.69	0.43	0.02	
16-121	1/4" x 1/8"	0.75	0.50	0.04	
16-122	5/16" x 1/8"	0.89	0.56	0.04	
16-123	3/8" x 1/4"	0.84	0.62	0.06	

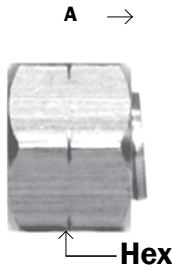
* 1/4 - 28 Male Thread Tapered.

90° ELBOW

189
6400
15

Part #	THRD Sleeve x Male NPTF	A	B	Body Size	Approx. Wt. Lbs.	
16-127	1/8" x *	0.50	0.52	0.41	0.02	
16-128	1/8" x 1/8"	0.50	0.66	0.43	0.02	
16-129	3/16" x 1/8"	0.56	0.62	0.44	0.02	
16-130	1/4" x 1/8"	0.52	0.62	0.50	0.04	

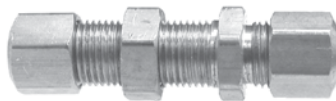
* 1/4 - 28 Male Thread Tapered

CAPTIVE SLEEVE COMPRESSION**BRASS FITTINGS****CAPTIVE SLEEVE NUT**CS61
61CA

Part #	Size	
26-001	1/8"	
26-002	3/16"	
26-003	1/4"	
26-004	5/16"	
26-005	3/8"	
26-007	1/2"	
26-008	5/8"	

UNIONCS62
62CA

Part #	Size	
26-062	1/8"	
26-063	3/16"	
26-064	1/4"	
26-077	1/4" x 3/16"	
26-065	5/16"	
26-066	3/8"	
26-079	3/8" x 1/4"	
26-068	1/2"	
26-069	5/8"	
26-082	5/8" x 3/8"	

BULKHEAD UNIONSC262L
62CABA

Part #	Size	
26-088	1/4"	
26-090	3/8"	

BALL CHECK VALVE

CS863



Part #	Tube OD x Male NPTF	List Price
26-092	1/8" x 1/8"	12.05

TEECS64
164CA

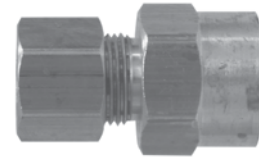
Part #	Size	
26-101	1/8"	
26-102	3/16"	
26-103	1/4"	
26-104	5/16"	
26-105	3/8"	
26-115	3/8"x3/8"x1/4"	
26-106	1/2"	
26-107	5/8"	

UNION ELBOWCS65
165CA

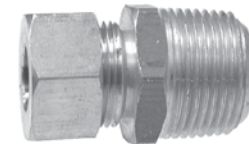
Part #	Size	
26-123	3/16"	
26-124	1/4"	
26-125	5/16"	
26-126	3/8"	
26-127	1/2"	
26-128	5/8"	

**Interchangeable with
compress-align fittings.**

These are NOT Lead Free
See pages 167 for
Lead Free products

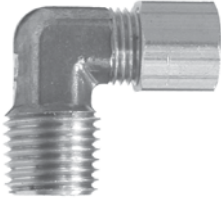
FEMALE ADAPTERCS66
66CA

Part #	Comp. X Female NPTF	
26-142	1/8" x 1/8"	
26-143	3/16" x 1/8"	
26-144	3/16" x 1/4"	
26-145	1/4" x 1/8"	
26-146	1/4" x 1/4"	
26-149	5/16" x 1/8"	
26-150	5/16" x 1/4"	
26-152	3/8" x 1/8"	
26-153	3/8" x 1/4"	
26-154	3/8" x 3/8"	
26-155	3/8" x 1/2"	
26-156	3/8" x 3/4"	
26-157	1/2" x 1/4"	
26-158	1/2" x 3/8"	
26-159	1/2" x 1/2"	

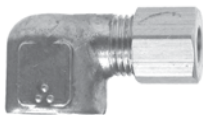
MALE ADAPTERCS68
68CA

Part #	Comp. X Male NPTF	
26-175	1/8" x 1/16"	
26-176	1/8" x 1/8"	
26-177	3/16" x 1/8"	
26-178	3/16" x 1/4"	
26-179	1/4" x 1/8"	
26-180	1/4" x 1/4"	
26-180L	1/4" x 1/4"	
26-181	1/4" x 3/8"	
26-182	1/4" x 1/2"	
26-183	5/16" x 1/8"	
26-184	5/16" x 1/4"	
26-187	3/8" x 1/8"	
26-188	3/8" x 1/4"	
26-189	3/8" x 3/8"	
26-190	3/8" x 1/2"	
26-193	1/2" x 1/4"	
26-194	1/2" x 3/8"	
26-195	1/2" x 1/2"	
26-196	1/2" x 3/4"	
26-197	5/8" x 3/8"	
26-198	5/8" x 1/2"	

ROCHESTER INDUSTRIAL PRODUCTS

BRASS FITTINGS**CAPTIVE SLEEVE COMPRESSION****MALE ELBOW**CS69
169CA

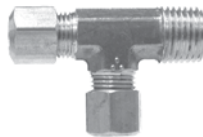
Part #	Comp. X Male NPTF	
26-220	1/8" x 1/8"	
26-220B	1/8" x 1/8"	
26-221	3/16" x 1/8"	
26-221B	3/16" x 1/8"	
26-223	3/16" x 1/4"	
26-224B	1/4" x 1/8"	
26-224	1/4" x 1/8"	
26-225	1/4" x 1/4"	
26-225B	1/4" x 1/4"	
26-226	1/4" x 3/8"	
26-228	5/16" x 1/8"	
26-229	5/16" x 1/4"	
26-230	5/16" x 3/8"	
26-232	3/8" x 1/8"	
26-233	3/8" x 1/4"	
26-233B	3/8" x 1/4"	
26-234	3/8" x 3/8"	
26-235	3/8" x 1/2"	
26-236	1/2" x 1/4"	
26-237	1/2" x 3/8"	
26-238	1/2" x 1/2"	
26-240	5/8" x 3/8"	
26-241	5/8" x 1/2"	

FEMALE ELBOWCS70
170CA

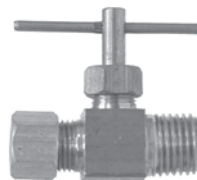
Part #	Comp. X Female NPTF	
26-251	1/8" x 1/8"	
26-252	3/16" x 1/8"	
26-253	1/4" x 1/8"	
26-254	1/4" x 1/4"	
26-258	3/8" x 1/4"	
26-262	1/2" x 3/8"	
26-270	1/2" x 3/4"	
26-269	5/8" x 3/8"	

MALE BRANCH TEECS72
172CA

Part #	Comp. X Male NPTF (1&2) X 3	
26-291	1/4" x 1/8"	
26-292	1/4" x 1/4"	
26-293	5/16" x 1/8"	
26-294	5/16" x 1/4"	
26-295	3/8" x 1/8"	
26-296	3/8" x 1/4"	
26-297	3/8" x 3/8"	
26-299	1/2" x 3/8"	

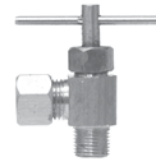
FORGED MALE RUN TEECS71
171CA

Part #	Comp. X Male NPTF (1&3) X 2	
26-272	1/8" x 1/8"	
26-274	1/4" x 1/8"	
26-275	1/4" x 1/4"	
26-279	3/8" x 1/4"	
26-280	3/8" x 3/8"	
26-281	1/2" x 3/8"	

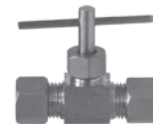
CAPTIVE SLEEVE x MALE PIPE NEEDLE VALVE

Part #	Comp X Male Pipe	
26-031	3/16" x 1/8"	
26-032X	1/4" x 1/8"	

* Heavy Pattern

CAPTIVE SLEEVE x MALE PIPE ANGLE NEEDLE VALVE

Part #	Comp X Male Pipe	
26-010	3/16" x 1/8"	
26-011	1/4" x 1/8"	
26-011X	Heavy Pattern	
26-012	1/4" x 1/4"	
26-013	5/16" x 1/8"	
26-014	5/16" x 1/4"	

CAPTIVE SLEEVE x CAPTIVE SLEEVE NEEDLE VALVE

Part #	Comp X Comp	
26-020	3/16"	
26-021	1/4"	
26-022	5/16"	
26-023	3/8"	

BRASS

SELF-ALIGN COMPRESSION

• Use with copper, brass, aluminum and plastic tubing. Soft plastic tubing. Soft plastic tubing requires support inside. Not recommended for steel tubing.

• Instrumentation: water, air and lubrication system applications

SELF-ALIGN SLEEVE

860
601



Part #	Size	
27-001	1/8"	
27-002	3/16"	
27-003	1/4"	

860



Part #	Size	
27-005	3/8"	
27-006	1/2"	

862
621

UNION

Part #	Size	
27-062	1/8"	
27-063	3/16"	
27-064	1/4"	
27-066	3/8"	
27-068	1/2"	
27-081	1/2" x 3/8"	

BALL CHECK VALVE

863
631



Part #	Tube OD x Male NPTF	
27-092	1/8" x 1/8"	
27-094	1/4" x 1/8"	
27-096	3/8" x 1/4"	

TEE

864
641



Part #	Size	
27-102	3/16"	
27-103	1/4"	
27-105	3/8"	
27-115	3/8" x 3/8" x 1/4"	
27-116	1/2" x 1/2" x 1/4"	
27-117	1/2" x 1/2" x 3/8"	

UNION ELBOW

865
651



Part #	Size	
27-126	3/8"	
27-127	1/2"	

TANK ADAPTER DRILLER THRU (NO STOP)

863
631



Part #	Size	
27-208	1/4" x 1/8"	
27-209	1/4" x 1/4"	
27-211	3/8" x 3/8"	
27-213	1/2" x 3/8"	

FEMALE ADAPTER

866
661



Part #	Comp. X Female NPTF	
27-142	1/8" x 1/8"	
27-145	1/4" x 1/8"	
27-147	1/4" x 3/8"	
27-148	1/4" x 1/2"	
27-153	3/8" x 1/4"	
27-158	1/2" x 3/8"	

BRASS FITTINGS**MALE ADAPTER**

868
681



Part #	Comp. X Male NPTF	
27-175	1/8" x 1/16"	
27-176	1/8" x 1/8"	
27-177	3/16" x 1/8"	
27-179	1/4" x 1/8"	
27-180	1/4" x 1/4"	
27-187	3/8" x 1/8"	
27-188	3/8" x 1/4"	
27-189	3/8" x 3/8"	
27-190	3/8" x 1/2"	
27-193	1/2" x 1/4"	
27-194	1/2" x 3/8"	
27-195	1/2" x 1/2"	
27-196	1/2" x 3/4"	

FEMALE ELBOW

870
201



Part #	Comp. X Female NPTF	
27-253	1/4" x 1/8"	
27-254	1/4" x 1/4"	
27-258	3/8" x 1/4"	
27-262	1/2" x 3/8"	
27-263	1/2" x 1/2"	

MALE ELBOW

869
691



Part #	Comp. X Male NPTF	
27-220	1/8" x 1/8"	
27-221	3/16" x 1/8"	
27-224	1/4" x 1/8"	
27-225	1/4" x 1/4"	
27-226	1/4" x 3/8"	
27-232	3/8" x 1/8"	
27-233	3/8" x 1/4"	
27-234	3/8" x 3/8"	
27-235	3/8" x 1/2"	
27-236	1/2" x 1/4"	
27-237	1/2" x 3/8"	
27-238	1/2" x 1/2"	
27-239	1/2" x 3/4"	