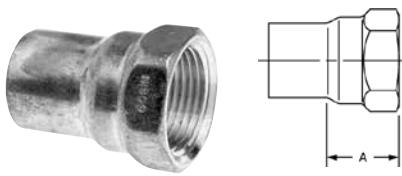


## ADAPTERS

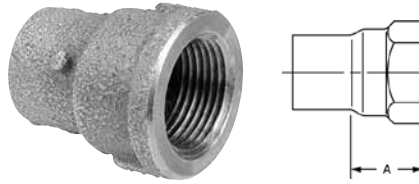


603  
Adapter C x F – Wrot

NOM. SIZE	APPROX. NET WT./LBS.	DIM. A INCHES
1/8	0.03	13/32
1/8 x 1/4	0.03	1/2
1/4	0.03	5/8
1/4 x 3/8	0.04	7/8
3/8	0.04	11/16
3/8 x 1/4	0.03	9/16
3/8 x 1/2	0.09	29/32
3/8 x 3/4	0.10	1
1/2	0.08	27/32
1/2 x 1/4	0.06	1/2
1/2 x 3/8	0.04	17/32
1/2 x 3/4	0.14	1
5/8 x 1/2	0.11	3/4
5/8 x 3/4	0.13	29/32
3/4	0.15	29/32
3/4 x 1/2	0.10	5/8
3/4 x 1	0.21	1 1/8
1	0.24	31/32
1 x 1/2	0.14	5/8
1 x 3/4	0.19	25/32
1 x 1 1/4	0.28	1 7/32
1 1/4	0.33	1 3/32
1 1/4 x 1	0.28	29/32
1 1/4 x 1 1/2	0.40	1 1/4
1 1/2	0.44	1 1/8
1 1/2 x 1	0.43	25/32
1 1/2 x 1 1/4	0.47	1 1/32
1 1/2 x 2	0.78	1 1/32
2	0.63	1 3/32
2 x 1 1/2	0.74	1 11/32
2 1/2	1.15	1 3/16
3	1.88	1 5/16
4	3.14	1 7/8

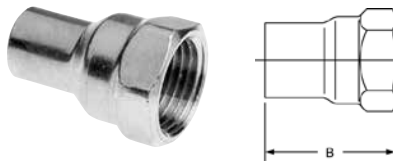
▲ Also available in Lead-Free\*. For additional details, see our Lead-Free\* literature on www.nibco.com.

\*Weighted average lead content ≤ 0.25%



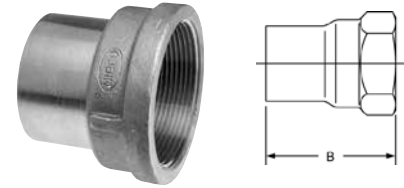
703  
Adapter C x F – Cast

NOM. SIZE	APPROX. NET WT./LBS.	DIM. A INCHES
1/4 x 1/2	0.13	27/32
▲ 1/2 x 1	0.28	1
▲ 3/4 x 3/8	0.17	3/4
3/4 x 1 1/4	0.54	1 1/8
▲ 1 x 1 1/2	0.68	1 3/32
1 1/4 x 3/4	0.29	1 3/16
1 1/4 x 2	0.98	1 5/32
2 x 1 1/4	0.81	2 7/32
2 1/2	1.62	1 3/8
3	2.34	1 1/2
4	4.23	1 9/16



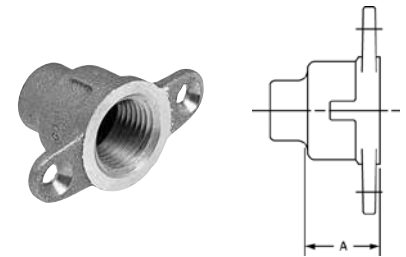
603-2  
Fitting Adapter Ftg x F – Wrot

NOM. SIZE	APPROX. NET WT./LBS.	DIM. B INCHES
1/4	0.03	1 3/32
3/8	0.06	1 3/16
1/2	0.09	1 7/16
1/2 x 3/8	0.05	1 1/4
3/4	0.13	1 11/16
1	0.27	2 1/32
1 1/4	0.31	2 1/8
1 1/2	0.43	2 5/16
2	0.61	2 1/2
2 1/2	1.63	2 31/32
3	2.34	3 1/4



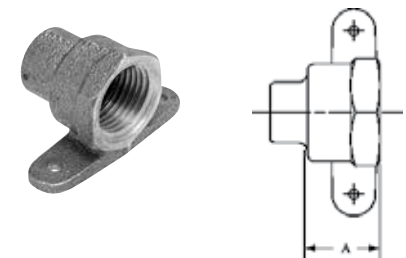
703-2  
Fitting Adapter Ftg x F – Cast

NOM. SIZE	APPROX. NET WT./LBS.	DIM. B INCHES
▲ 1/2 x 1/4	0.11	1 7/32
▲ 3/4 x 1/2	0.13	1 9/16
1 x 1/2	0.14	1 7/16
▲ 1 x 3/4	0.38	1 31/32
2 1/2	1.65	2 15/16
3	2.52	3 1/4



703-5 Special  
Drop Adapter C x F – Cast

NOM. SIZE	APPROX. NET WT./LBS.	DIM. A INCHES
▲ 1/2	0.16	3/4
▲ 3/4	0.24	7/8



703-5B  
Drop Adapter C x F – Cast

NOM. SIZE	APPROX. NET WT./LBS.	DIM. A INCHES
▲ 1/2	0.15	3/4

Consult price sheet for Made to Order items and for minimum order quantities.

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**RATED INTERNAL WORKING PRESSURE<sup>1</sup> FOR COPPER FITTINGS, PSI (BAR)**

Nominal Water Tube Size (In Inches)	Water Temperature Range						
	-20° to 100°F (-29° to 38°C)	150°F (66°C)	200°F (95°C)	250°F (120°C)	300°F (149°C)	350°F (177°C)	400°F (204°C)
1/4	912 (62)	775 (53)	729 (50)	729 (50)	714 (49)	608 (42)	456 (31)
3/8	779 (54)	662 (46)	623 (43)	623 (43)	610 (42)	519 (36)	389 (27)
1/2	722 (50)	613 (42)	577 (40)	577 (40)	565 (39)	481 (33)	361 (25)
5/8	631 (43)	537 (37)	505 (35)	505 (35)	495 (34)	421 (29)	316 (21)
3/4	582 (40)	495 (34)	466 (32)	466 (32)	456 (31)	388 (27)	291 (20)
1	494 (34)	420 (29)	395 (27)	395 (27)	387 (26)	330 (23)	247 (17)
1 1/4	439 (30)	373 (26)	351 (24)	351 (24)	344 (23)	293 (20)	219 (15)
1 1/2	408 (28)	347 (24)	327 (23)	327 (23)	320 (22)	272 (19)	204 (14)
2	364 (25)	309 (21)	291 (20)	291 (20)	285 (20)	242 (17)	182 (13)
2 1/2	336 (23)	285 (20)	269 (19)	269 (19)	263 (18)	224 (15)	168 (12)
3	317 (22)	270 (19)	254 (17)	254 (17)	248 (17)	211 (15)	159 (11)
3 1/2	304 (21)	258 (18)	243 (17)	243 (17)	238 (16)	202 (14)	152 (10)
4	293 (20)	249 (17)	235 (16)	235 (16)	230 (16)	196 (13)	147 (10)
5	269 (19)	229 (16)	215 (15)	215 (15)	211 (15)	179 (12)	135 (9)
6	251 (17)	213 (15)	201 (14)	201 (14)	196 (14)	167 (12)	125 (8)
8	270 (19)	230 (16)	216 (15)	216 (15)	212 (15)	180 (12)	135 (9)

<sup>1</sup> The fitting pressure rating applies to the largest opening of the fitting.

**RATED INTERNAL WORKING PRESSURES OF CAST COPPER ALLOY FLANGES AND FLANGED FITTINGS**

Nominal Size Joint (In Inches)	Temperature °F (°C) <sup>A</sup>	Pressure (PSI)		
		Class 125 <sup>A, B</sup>	Class 150 <sup>B</sup>	Class 150 <sup>A, C</sup>
1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4, 5, 6, 8 (also 10" for Class 125)	0 – 150 (0 – 66)	105 (7)	210 (14)	225 (15)
	175 (79)	100 (7)	205 (14)	220 (15)
	200 (93)	95 (7)	195 (13)	210 (15)
	225 (107)	90 (6)	190 (13)	205 (14)
	250 (121)	90 (6)	180 (12)	195 (13)
	275 (135)	85 (6)	175 (12)	190 (13)
	300 (149)	85 (6)	170 (12)	180 (12)
	350 (177)	75 (5)	150 (10)	165 (11)
	406 (208)	70 (5)	140 (9)	150 (10)

<sup>A</sup>MSS SP-106

<sup>B</sup>ASTM B584, UNS C83800 and UNS C84400

<sup>C</sup>ASTM B62, UNS C83600 and ASTM B584, UNS C83600

U.S. customary units in this document are the standard; the metric units are provided for reference only. The values stated in each system are not exact equivalents.

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