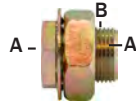
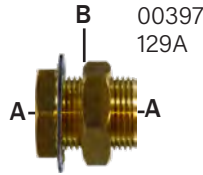


# BULKHEAD FITTINGS

## BRASS FITTINGS

### BULKHEAD SUFFIX DESCRIPTIONS:

129FC-#	All Brass Fitting
129C-#-SN	Brass Fitting with Steel Nut
129FC-#-STL	All Steel Fitting
129FC-#-STL-XL	All Steel Fitting, Long Body

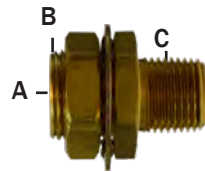


### BULKHEAD / ANCHOR / FRAME COUPLINGS FEMALE PIPE X FEMALE PIPE

MIDLAND	CHAMPION	LIST	FEMALE NPTF	STRAIGHT THREAD	HOLE SIZE	LENGTH (IN.)	MAF #	MAF PRICE
28299	129AS-A	----	1/8	5/8-18 UNS	5/8	0.96	207ACBH-2S	...
28300	129A-A	----	1/8	5/8-18 UNS	5/8	1-1/2	207ACBH-2	...
28301	129AS-B	----	1/4	3/4-16 UNS	3/4	15/16	207ACBH-45	
28301SN	129AS-B-SN		Brass body/Steel Nut					
28306	129AS-B-STL		All Steel					
28302	129A-B	----	1/4	3/4-16 UNS	3/4	1-1/2	207ACBH-4	...
28302SN	129A-B-SN		Brass Body/Steel Nut					
28307	129A-B-STL		All Steel					
28315		----	with Large Mounting Nut				207ACBHLH-4	...
28303	129A-C	----	3/8	1-14 UNS	1	1-5/16	207ACBH-6	...
28303SN	129A-C-SN		Brass Body/Steel Nut					
28308	129A-C-STL		All Steel					
28304	129A-D	----	1/2	1-1/8-14 UNS	1-1/8	1-1/2	207ACBH-8	...
28311	129A-E	----	3/4	1-5/16-12	1-5/16	1-1/2	207ACBH-12	...
28316**	129A-F	----	1	1-5/8-14	1-5/8	1.68	207ACBH-16	...

\*\*Without washer

344R 3183



### FEMALE PIPE X MALE PIPE

MIDLAND	CHAMPION	LIST	FEMALE NPTF	STRAIGHT THREAD	C	LENGTH (IN.)	MAF #	MAF PRICE
28317	129FC-1	----	1/4	1-14 UNS	1/2-14 NPTF	2-1/8	MA1317	...
28317SN	129FC-1-SN		Brass Body/Steel Nut					
28318	129FC-4	----	3/8	1-14 UNS	1/2-14 NPTF	1-11/16	MA1318	...
28318SN	129FC-4-SN		Brass Body/Steel Nut					
28318STL	129FC-4-STL		All Steel					
28319	129FC-4-XL	----	3/8	1-14 UNS	1/2-14 NPTF	1-29/32	MA1319	...
28319SNXL	129FC-4-SN-XL		Long Brass Body/Steel Nut					
28319STLXL	129FC-4-STL-XL		All Steel					

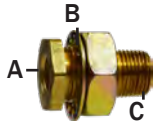
**BULKHEAD FITTINGS**

## BRASS FITTINGS



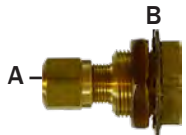
FEMALE PIPE X MALE PIPE

MIDLAND	CHAMPION	LIST	FEMALE NPTF	STRAIGHT THREAD	MALE PIPE	LENGTH (IN.)	MAF #	MAF PRICE
28313	129FC-3-SN	----	1/4	1-14 UNS	1/2-14 NPTF	2.88	MA1342	...
28313BN	129FC-3		Brass Body/Brass Nut			2.88		
28312	129FC-3-STL		All Steel			2.94		
28320	129FC-3-STL-XL		All Steel			3.94		



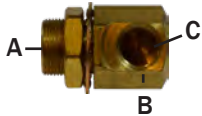
FEMALE PIPE X MALE PIPE

MIDLAND	CHAMPION	LIST	FEMALE NPTF	STRAIGHT THREAD	MALE PIPE	LENGTH (IN.)	MAF #	MAF PRICE
28346	129FC-7-SN	----	3/8	1-14 UNS	1/2	1-7/8	207BH-6FML	...
28346BN	129FC-7		Brass Body/Brass Nut					
28347	129FC-8	----	1/2	1-14 UNS	1/2	2-3/8	207BH-8FML	...
28347SN	129FC-8-SN		Brass Body/Brass Nut					



NYLON AIR BRAKE X FEMALE PIPE

MIDLAND	CHAMPION	LIST	OD TUBE	STRAIGHT THREAD	FIP	LENGTH (IN.)	MAF #	MAF PRICE
28321		----	1/2	7/8-20 UNCF	3/8	1-5/16	NT207BH-8	...
28322		----	3/8	7/8-20 UNCF	3/8	1-3/8	NT207BH-6	...



FEMALE PIPE X CLAMPING STUD ELBOW

MIDLAND	CHAMPION	LIST	OD TUBE	STRAIGHT THREAD	FIP	LENGTH (IN.)	MAF #	MAF PRICE
28348	129FC-6	----	3/8	7/8-20 UNEF	3/8-18 NPTF	2-5/16	MA1348	...



BRASS MARINE BULKHEAD

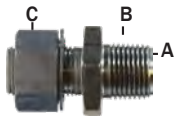
MIDLAND	CHAMPION	LIST	OD TUBE	STRAIGHT THREAD	FIP	LENGTH (IN.)	MAF #	MAF PRICE
46540		----	5/16 Hose ID	----	----	2.37	29SBBHS-5	...
46541		----	3/8 Hose ID	----	----	2.37	29SBBHS-6	...

**WARNING:** This product can expose you to chemicals, including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



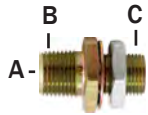
# BULKHEAD FITTINGS

## BRASS FITTINGS



FEMALE PIPE X MALE PIPE - ALL STEEL

MIDLAND	CHAMPION	LIST	FEMALE	STRAIGHT THREAD	MIP	LENGTH (IN.)	MAF #	MAF PRICE
28345	129FC-2	----	1/4-18 NPTF	3/4 - 16 UNS	1/2-14 NPTF	2.16	MA1345	
28309	129FC-2-STL		28345 w/ Large				MA1309	
		----						
28310		----	Long Pattern			2.53	MA1310	



FEMALE PIPE X MALE PIPE - ALL STEEL

MIDLAND	CHAMPION	LIST	FEMALE NPTF	STRAIGHT THREAD	MALE PIPE	LENGTH (IN.)	MAF #	MAF PRICE
28325	129FC-5-STL	----	1/4	3/4 - 16 UNS	1/2-14 NPTF	1-11/16	MA1325	

## STAINLESS STEEL BULKHEAD FITTINGS

- Temperature range: -20F° - 360F°
- Working pressure: 1450 - 2175PSI
- Washers are PA6 (Nylon)

### BULKHEAD FITTINGS - STAINLESS STEEL 316L NPT (1/8-1/2")



MIDLAND	LIST	SIZE	HOLE SIZE	HEX	LENGTH
28300SS	----	1/8"	0.701	0.866	0.748
28301SS	----	1/4"	0.858	1.063	0.748
28303SS	----	3/8"	1.055	1.260	1.102
28304SS	----	1/2"	1.173	1.417	1.378

### BULKHEAD FITTINGS - STAINLESS STEEL 316 NPT (3/4-2")



63214	----	3/4"	1-5/8"	2-15/32"	1-13/16"
63215	----	1"	2-1/4"	3-1/16"	2-7/8"
63216	----	1-1/4"	2-1/4"	3-1/16"	2-3/8"
63217	----	1-1/2"	3"	4-1/4"	2-5/8"
63218	----	2"	3"	4-1/4"	2-5/8"

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BRASS

# BULKHEAD FITTINGS

## BRASS FITTINGS

### INDUSTRY CROSSOVERS

CHAMPION BRASS PART NO.	CHAMPION	INDUSTRY	MIDLAND	MID-AMERICA
129A-A	129A-A	55207	28300	207ACBH-2
129A-B	129A-B	55661-BN	28302	207ACBH-4
129A-B-SN		55661	28302SN	
129A-B-STL	129A-55661STL	55661STL	28307	
129A-C	129A-C	55607-BN	28303	207ACBH-6
129A-C-SN		55607	28303SN	
129A-C-STL	129ASTL-C	55607STL	28308	
129A-D	129A-D	55807	28304	207ACBH-8
129A-E	129A-E		28311	207ACBH-12
129A-F	129A-F		28316	207ACBH-16
129AS-A			28299	207ACBH-25
129AS-B	129AS-B	55611	28301	207ACBH-45
129AS-B-SN		55611-SN	28301SN	
129AS-B-STL	129A-55611STL	55611STL	28306	
129FC-1		55615-BN	28317	MA1317
129FC-1-SN	129A-391FC1	55615	28317SN	
129FC-2	129A-391FC2		28345	MA1345
129FC-2-STL	129A-391FC2STL	55689STL	28309	MA1309
129FC-3	129A-391FC3-BN	55600-BN	28313	MA1342
129FC-3-SN	129A-391FC3	55600	28313SN	
129FC-3-STL	129A-55600STL	55600STL	28312	
129FC-3-STL-XL	129A-55664	55664	28320	
129FC-4	129A-391FC4	55620	28318	MA1318
129FC-4-SN		55620-SN6	28318SN	
129FC-4-STL		55620STL	28318STL	
129FC-4-XL	129A-55646	55646-BN	28319	MA1319
129FC-4-SN-XL		55646	28319SN	
129FC-4-STL-XL	129A-55646STL	55646STL	28319STLXL	
129FC-5-STL		55612STL	28325	MA1325
129FC-6	129A-55616	55616	28348	MA1348
129FC-7		55613-BN	28346BN	
129FC-7-SN	129A-55613	55613	28346	207BH-6FML
129FC-8	129A-55629-BN	55629-BN	28347	207BH-8FML
129FC-8-SN	129A-55629	55629	28347SN	
			28321	NT207BH-8
			28322	NT207BH-6
			46540	29BBHS-5
			46541	29BBHS-6
			28310	MA1310

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