

Adapters

Tech Tip

Too tight and leaking

One of the most common ways the seat or cone on aluminum fittings and adapters can be easily damaged is by over-tightening (see Torque specifications information on page 49). If a fitting has been over-tightened, it may be damaged and prone to leaks. Dirt and debris on the sealing surface are also common sources of leaks. Always use Danfoss' Aeroquip Performance Products dust caps (Page 36) when disconnecting a hose or fitting to help keep contaminants out of hose and adapters.



AN to Pipe Fittings MALE AN TO PIPE (AN 816)

Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	"B" Dash Size INCHES
FCM2000	FCM5000	FCE2000	FCM2511	-03	1/8
FCM2001	FCM5001	FCE2001	FCM2512	-04	1/8
FCM2002	FCM5002	FCE2002	FCM2515	-04	1/4
FCM2371	—	—	FCM2519	-04	3/8
—	—	—	FCM2524	-04	1/2
—	—	—	FCM2513	-05	1/8
—	—	—	FCM2516	-05	1/4
—	—	—	FCM2520	-05	3/8
FCM2003	FCM5003	FCE2003	FCM2514	-06	1/8
FCM2004	FCM5004	FCE2004	FCM2517	-06	1/4
FCM2005	FCM5005	FCE2005	FCM2521	-06	3/8
FCM2013	FCM5013	FCE2013	FCM2525	-06	1/2
—	—	—	FCM2529	-06	3/4
FCM2006	FCM5006	FCE2006	FCM2518	-08	1/4
FCM2007	FCM5007	FCE2007	FCM2522	-08	3/8
FCM2008	FCM5008	FCE2008	FCM2526	-08	1/2
FCM2372	—	—	FCM2530	-08	3/4
FCM2185	FCM5185	FCE2185	FCM2523	-10	3/8
FCM2009	FCM5009	FCE2009	FCM2527	-10	1/2
—	—	—	FCM2531	-10	3/4
FCM2010	FCM5010	FCE2010	FCM2528	-12	1/2
FCM2011	FCM5011	FCE2011	FCM2532	-12	3/4
FCM2014	FCM5014	FCE2014	FCM2534	-12	1
—	—	—	FCM2539	-12	1 ¼
—	—	—	FCM2544	-12	1 ½
FCM2015	FCM5015	FCE2015	FCM2533	-16	3/4
FCM2012	FCM5012	FCE2012	FCM2535	-16	1
—	—	—	FCM2540	-16	1 ¼
—	—	—	FCM2545	-16	1 ½
—	—	—	FCM2536	-20	1
FCM2374	—	—	FCM2541	-20	1 ¼
—	—	—	FCM2546	-20	1 ½
—	—	—	FCM2537	-24	1
—	—	—	FCM2542	-24	1 ¼
—	—	—	FCM2547	-24	1 ½
—	—	—	FCM2538	-32	1
—	—	—	FCM2543	-32	1 ¼

AN TO PIPE PRESSURE GAUGE ADAPTER



Aluminum Blue Anodized Packaged Part Number	"A" Dash Size	"B" Pipe Size INCHES	NPT Port Size INCHES
FCM2276	-6	1/4	1/8
FCM2277	-6	3/8	1/8
FCM2278	-8	1/4	1/8
FCM2279	-8	3/8	1/8

AN numbers are for configuration reference only.

Adapters



45° MALE AN TO PIPE (AN 823)

Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	"B" Dash Size INCHES
FCM2020	FCM5020	FCE2020	FCM2581	-03	1/8
FCM2021	FCM5021	FCE2021	FCM2582	-04	1/8
FCM2440	—	—	FCM2584	-04	1/4
FCM2441	—	—	FCM2588	-04	3/8
—	—	—	FCM2583	-05	1/8
—	—	—	FCM2585	-05	1/4
FCM2022	FCM5022	FCE2022	FCM2586	-06	1/4
FCM2442	—	—	FCM2589	-06	3/8
FCM2443	—	—	FCM2592	-06	1/2
FCM2444	—	—	FCM2587	-08	1/4
FCM2023	FCM5023	FCE2023	FCM2590	-08	3/8
FCM2445	—	—	FCM2593	-08	1/2
FCM2446	—	—	FCM2596	-08	3/4
FCM2447	—	—	FCM2591	-10	3/8
FCM2024	FCM5024	FCE2024	FCM2594	-10	1/2
FCM2448	—	—	FCM2597	-10	3/4
FCM2449	—	—	FCM2595	-12	1/2
FCM2025	FCM5025	FCE2025	FCM2598	-12	3/4
FCM2450	—	—	FCM2600	-12	1
—	—	—	FCM2599	-16	3/4
FCM2026	—	—	FCM2601	-16	1
—	—	—	FCM2602	-20	1
FCM2451	—	—	FCM2603	-20	1 ¼

FEMALE PIPE TO MALE AN



Steel Packaged Part Number	"A" Dash Size	"B" Dash Size INCHES
FCM2719	-03	1/8
FCM2720	-03	1/4
FCM2721	-04	1/8
FCM2722	-05	1/8
FCM2723	-04	1/4
FCM2724	-05	1/4
FCM2725	-06	1/4
FCM2726	-08	1/4
FCM2727	-06	3/8
FCM2728	-08	3/8
FCM2729	-06	1/2
FCM2730	-08	1/2
FCM2731	-10	1/2
FCM2732	-12	1/2
FCM2733	-08	3/4
FCM2734	-10	3/4
FCM2735	-12	3/4
FCM2736	-16	1
FCM2737	-20	1 ¼

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Bulk or Retail Packaged Parts

FB-prefixed part numbers indicate bulk-packaged products. FC-prefixed part numbers indicate carded/clam shelled (retail-packaged) products. Most products in this catalog can be ordered in either package style by changing the prefix accordingly.



90° AN TO PIPE (AN 822)

Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	"B" Dash Size INCHES
FCM2030	FCM5030	FCE2030	FCM2610	-03	1/8
FCM2031	FCM5031	FCE2031	FCM2611	-04	1/8
FCM2032	FCM5032	FCE2032	FCM2614	-04	1/4
—	—	—	FCM2618	-04	3/8
—	—	—	FCM2624	-04	1/2
—	—	—	FCM2612	-05	1/8
—	—	—	FCM2615	-05	1/4
—	—	—	FCM2619	-05	3/8
FCM2033	FCM5033	FCE2033	FCM2613	-06	1/8
FCM2034	FCM5034	FCE2034	FCM2616	-06	1/4
FCM2035	FCM5035	FCE2035	FCM2620	-06	3/8
FCM2290	—	—	FCM2625	-06	1/2
FCM2036	FCM5036	FCE2036	FCM2617	-08	1/4
FCM2037	FCM5037	FCE2037	FCM2621	-08	3/8
FCM2038	FCM5038	FCE2038	FCM2626	-08	1/2
FCM2291	—	—	FCM2629	-08	3/4
FCM2016	FCM5016	FCE2016	FCM2622	-10	3/8
FCM2039	FCM5039	FCE2039	FCM2627	-10	1/2
FCM2292	—	—	FCM2630	-10	3/4
—	—	—	FCM2623	-12	3/8
FCM2017	FCM5017	FCE2017	FCM2628	-12	1/2
FCM2040	FCM5040	FCE2040	FCM2631	-12	3/4
FCM2293	—	—	FCM2633	-12	1
FCM2018	—	—	FCM2632	-16	3/4
FCM2041	—	—	FCM2634	-16	1
—	—	—	FCM2636	-16	1 ¼
—	—	—	FCM2635	-20	1
FCM2294	—	—	FCM2637	-20	1 ¼
—	—	—	FCM2639	-20	1 ½
—	—	—	FCM2638	-24	1 ¼



Adapters

AN to AN Fittings

FLARE UNION (AN 815)



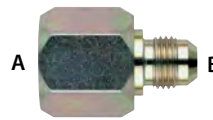
Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2050	FCM5050	FCE2050	FCM2750	-03	-03
FCM2051	FCM5051	FCE2051	FCM2751	-04	-04
—	—	—	FCM2753	-05	-05
FCM2052	FCM5052	FCE2052	FCM2756	-06	-06
FCM2053	FCM5053	FCE2053	FCM2759	-08	-08
FCM2054	FCM5054	FCE2054	FCM2761	-10	-10
FCM2055	FCM5055	FCE2055	FCM2763	-12	-12
FCM2056	FCM5056	FCE2056	FCM2765	-16	-16
—	—	—	FCM2766	-20	-20

UNION REDUCER (AN 919)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2048	FCM5048	FCE2048	FCM2749	-04	-03
—	—	—	FCM2752	-05	-04
FCM2156	FCM5156	FCE2156	FCM2754	-06	-04
—	—	—	FCM2755	-06	-05
FCM2049	FCM5049	FCE2049	FCM2757	-08	-04
FCM2160	FCM5160	FCE2160	FCM2758	-08	-06
FCM2188	—	—	—	-10	-04
FCM2162	FCM5162	FCE2162	—	-10	-06
FCM2163	FCM5163	FCE2163	FCM2760	-10	-08
FCM2189	—	—	—	-12	-04
FCM2165	—	—	—	-12	-06
FCM2166	FCM5166	FCE2166	—	-12	-08
FCM2167	FCM5167	FCE2167	FCM2762	-12	-10
FCM2169	—	—	—	-16	-10
FCM2170	FCM5170	FCE2170	FCM2764	-16	-12

REDUCER AN FLARE SWIVEL/AN FLARE (JIC/AN)



Steel Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2408	-06	-04
FCM2409	-08	-04
FCM2410	-08	-06
FCM2411	-10	-06
FCM2413	-12	-06
FCM2414	-12	-08
FCM2416	-16	-06

REDUCER AN FLARE/AN FLARE (JIC/AN)



Steel Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2421	-10	-08
FCM2422	-12	-10

AN numbers are for configuration reference only.



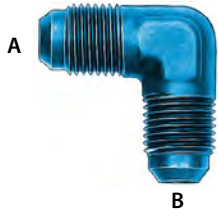
Tech Tip

AN (Army-Navy)

The AN (Army-Navy) standard was established many years ago by the U.S. military to set a common measurement for hose and fittings. It designates the outside diameter (O.D.) of the ridged metal tube that is compatible with each size of fitting. Still today, this AN dash standard is the benchmark measurement for military, industrial and the performance hose applications. These dash sizes are expressed as the numerator of the fraction, with the denominator always being 16. For example, a -04 port is 4/16 or 1/4-inch.

Adapters

90° ELBOW UNION (AN 821)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2186	FCM5186	FCE2186	-03	-03
FCM2119	FCM5119	—	-04	-04
FCM2120	FCM5120	FCE2120	-06	-06
FCM2190	FCM5190	FCE2190	-08	-08
FCM2191	—	—	-12	-12

90° MALE AN TO AN PRESSURE GAUGE ADAPTER



Blue Anodized Packaged Part Number	"A" Dash Size	"B" Dash Size	NPT Port Size
			INCHES
FCM2272	-6	-6	1/8
FCM2273	-8	-8	1/8
FCM2274	-10	-10	1/8

AN Swivel Adapters FEMALE FLARE SWIVEL



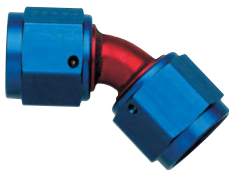
Aluminum Blue Anodized Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2914	-04	-04
FCM2915	-06	-06
FCM2916	-08	-08
FCM2917	-10	-10
FCM2918	-12	-12
FCM2919	-16	-16

45° MALE AN TO FEMALE SWIVEL FLARE



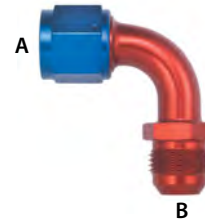
Aluminum Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM3148	-6	-6
FCM3149	-8	-8
FCM3150	-10	-10
FCM3151	-12	-12

45° FEMALE FLARE SWIVEL



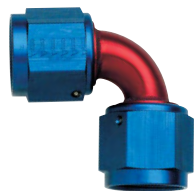
Aluminum Blue/Red Anodized Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2971	-06	-06
FCM2972	-08	-08
FCM2973	-10	-10
FCM2974	-12	-12
FCM2975	-16	-16

90° MALE AN TO FEMALE SWIVEL FLARE



Aluminum Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM3155	-6	-6
FCM3156	-8	-8
FCM3157	-10	-10
FCM3158	-12	-12

90° FEMALE FLARE SWIVEL



Aluminum Blue/Red Anodized Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2978	-06	-06
FCM2979	-08	-08
FCM2980	-10	-10
FCM2981	-12	-12
FCM2982	-16	-16



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Adapters

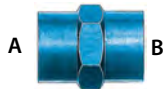
Pipe to Pipe

MALE PIPE NIPPLE (AN 911)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	"A" Pipe Size INCHES	"B" Pipe Size INCHES
FCM2132	FCM5132	FCE2132	1/8	1/8
FCM2133	FCM5133	FCE2133	1/4	1/4
FCM2134	FCM5134	FCE2134	3/8	3/8
FCM2135	FCM5135	FCE2135	1/2	1/2

PIPE COUPLING (AN 910)



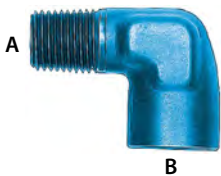
Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	"A" Pipe Size INCHES	"B" Pipe Size INCHES
FCM2129	FCM5129	FCE2129	1/8	1/8
FCM2130	FCM5130	FCE2130	1/4	1/4
FCM2131	FCM5131	—	3/8	3/8

PIPE BUSHING (AN 912)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	"A" Pipe Size INCHES	"B" Pipe Size INCHES
FCM2136	FCM5136	FCE2136	1/4	1/8
FCM2137	FCM5137	FCE2137	3/8	1/4
FCM2138	FCM5138	FCE2138	3/8	1/8
FCM2139	FCM5139	FCE2139	1/2	3/8
FCM2140	FCM5140	FCE2140	1/2	1/4
FCM2141	FCM5141	FCE2141	1/2	1/8
FCM2144	—	—	3/4	1/4
FCM2143	—	—	3/4	3/8
FCM2142	FCM5142	FCE2142	3/4	1/2
FCM2146	—	—	1	1/2
FCM2145	—	—	1	3/4

90° ELBOW, FEMALE TO MALE PIPE ELBOW (AN 914)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	"A" Pipe Size INCHES	"B" Pipe Size INCHES
FCM2147	FCM5147	FCE2147	1/8	1/8
FCM2148	FCM5148	—	1/4	1/4
FCM2149	FCM5149	—	3/8	3/8

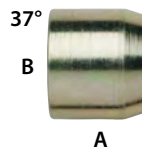
Tube Fittings

VERSIL-FLARE™ FLARELESS TUBE NUT¹



Part Number	Dash Size	Tube O.D.	Thread	A
FCM2496	-04	.25	7/16-20	.82
FCM2497	-06	.38	9/16-18	.86
FCM2498	-08	.50	3/4-16	1.08
FCM2499	-10	.63	7/8-14	1.12
FCM2500	-12	.75	1 1/16-12	1.35

VERSIL-FLARE™ FLARELESS TUBE FERRULE¹




Part Number	Dash Size	Tube O.D.	A	B
FCM2491	-04	.25	.82	.25
FCM2492	-06	.38	.86	.38
FCM2493	-08	.50	1.08	.50
FCM2494	-10	.63	1.12	.62
FCM2495	-12	.75	1.36	.75

¹Versil-Flare tube nut and tube sleeve are only to be used together.

AN numbers are for configuration reference only.


Adapters

TUBE NUT (AN 818)¹


	Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	No. Per Pkg. Alum.	No. Per Pkg. Steel
	FCM3554	FCM5554	FCM3591	-03	6	1
	FCM3555	FCM5555	FCM3570	-04	6	1
	—	—	FCM3571	-05	—	1
	FCM3675	FCM5675	FCM3572	-06	2	1
	FCM3676	—	FCM3573	-08	2	1
	FCM3677	FCM5677	FCM3574	-10	2	1
	FCM3678	FCM5678	FCM3575	-12	2	1
	—	—	FCM3576	-14	—	1
	FCM3829	FCM5829	FCM3577	-16	—	1
	FCM3830	FCM5830	FCM3578	-20	—	1

Caps and Plugs

CAP (AN 929)²


	Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	No. Per Pkg. Alum.	No. Per Pkg. Steel
	FCM3751	FCM5751	FCM3479	-03	2	6
	FCM3752	FCM5752	FCM3480	-04	2	6
	—	—	FCM3601	-05	—	2
	FCM3740	FCM5740	FCM3602	-06	1	2
	FCM3741	FCM5741	FCM3603	-08	1	2
	FCM3742	FCM5742	FCM3604	-10	1	2
	FCM3743	FCM5743	FCM3605	-12	1	2
	FCM3744	FCM5744	FCM3566	-16	1	1
	FCM3567	FCM5567	FCM3567	-20	—	1

O-ring BOSS PLUG (AN 814)


	Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	"A" Dash Size
	FCM3722	FCM5722	-03
	FCM3723	FCM5723	-04
	FCM3724	FCM5724	-06
	FCM3725	FCM5725	-08
	FCM3726	FCM5726	-10
	FCM3727	FCM5727	-12
	FCM3827	FCM5827	-16
	FCM3828	FCM5828	-20

For replacement O-rings see page 36.


TUBE SLEEVE (AN 819)¹

	Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	Number Per Package
	FCM3669	FCM5669	FCM3667	-03	6
	FCM3670	FCM5670	FCM3668	-04	6
	—	—	FCM3679	-05	2
	FCM3671	FCM5671	FCM3680	-06	2
	FCM3672	FCM5672	FCM3681	-08	2
	FCM3673	FCM5673	FCM3682	-10	2
	FCM3674	FCM5674	FCM3683	-12	2
	—	—	FCM3696	-14	1
	FCM3831	FCM5831	FCM3697	-16	1
	FCM3832	FCM5832	FCM3698	-20	1

ALLEN HEAD PIPE PLUG (AN 932)

	Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	"A" Pipe Size INCHES	Number Per Package
	FCM3684	FCM5684	1/16	2
	FCM3685	FCM5685	1/8	2
	FCM3686	FCM5686	1/4	2
	FCM3687	FCM5687	3/8	2
	FCM3749	FCM5749	1/2	1
	FCM3750	FCM5750	3/4	1

FLARE PLUG (AN 806)

	Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Steel Packaged Part Number	"A" Dash Size
	FCM3712	FCM5712	FCM3701	-03
	FCM3713	FCM5713	FCM3702	-04
	FCM3714	FCM6714	FCM3703	-06
	FCM3715	FCM5715	FCM3704	-08
	FCM3716	FCM5716	FCM3705	-10
	FCM3717	FCM5717	FCM3706	-12
	FCM3718	FCM5718	FCM3707	-16
	FCM3719	FCM5719	FCM3708	-20

Tech Tip

Abrasion concerns

Abrasion is one of the leading causes of hose failures. AQP Racing Hose offers a great steel "armor cover", and StartLite offers the industry's best abrasion resistance of any lightweight hose. Regardless of the type of hose, always route the hose correctly and use support clamps where needed. See page 50 for routing tips.



¹Tube nut and tube sleeve are only to be used together.

²Aluminum tube caps are 2 pieces.

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Adapters

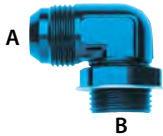
O-ring Boss (ORB) to Male AN

O-ring BOSS TO MALE 37°



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2992*	FCM5992*	—	—	-04	-04
FCM2993*	FCM5993*	—	—	-06	-06
FCM2995*	FCM5995*	—	—	-08	-08
FCM2996*	FCM5996*	—	—	-06	-06
FCM2997*	FCM5997*	—	—	-08	-08
FCM2998*	FCM5998*	—	—	-10	-08
FCM2999*	FCM5999*	—	—	-08	-10
FCM2953*	FCM5953*	FCE2953*	FCM2957*	-10	-10
FCM2954*	FCM5954*	FCE2954*	FCM2958*	-10	-12
FCM3001*	FCM6001*	—	—	-12	-10
FCM2955*	FCM5955*	FCE2955*	FCM2959*	-12	-12
FCM2956*	FCM5956*	FCE2956*	FCM2960*	-12	-16
FCM3002*	FCM6002*	—	—	-16	-12
FCM3003*	FCM6003*	—	—	-16	-16

LOW PROFILE 90° O-ring BOSS TO MALE 37°



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2263*	FCM5263*	FCE2263*	-12	-12

AN to Metric

AN FLARE TO METRIC ADAPTERS



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	"A" Dash Size	"B" Pipe Size
FCM2239	—	—	-04	10MM x 1.0
FCM2246	FCM5246	FCE2246	-06	12MM x 1.5
FCM2240	FCM5240	FCE2240	-06	14MM x 1.5
FCM2241	FCM5241	—	-06	16MM x 1.5
FCM2242	—	—	-06	18MM x 1.5
FCM2243	FCM5243	FCE2243	-08	16MM x 1.5
FCM2244	FCM5244	—	-08	18MM x 1.5
FCM2245	FCM5245	—	-10	18MM x 1.5

METRIC CONVERSION ADAPTERS



Steel Packaged Part Number	"A" Dash Size	"B" Pipe Size
FCM2608	-06	M16 x 1.5
FCM2609	-06	M18 x 1.5

Note: Used for Saginaw Power Steering Adapter (metric); also G.M. fuel injection conversion adapter for metric O-ring style porting.

*O-ring material is Viton.

High Pressure Adapters

INVERTED FLARE



Steel Packaged Part Number	"A" Dash Size	"B" Pipe Size INCHES
FCM2963	-06	1/2-20
FCM2964	-06	5/8-18
FCM2965	-06	11/16-18

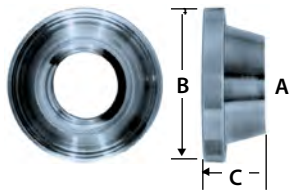
Adapters

Aluminum Tank Welding Bungs

AN NUMBERS ARE FOR CONFIGURATION REFERENCE ONLY.

Connects to Male AN Flare with hex and O-ring (AN 816, AN 919, AN 832 and O-ring Boss Plug). Refer to Page 24 for O-rings.

TANK WELDING BUNGS (AN 871)



Packaged Part Number	"A" Dash Size	"B"	"C"
FCM2403	-06	1.56	.59
FCM2404	-08	1.75	.68
FCM2405	-10	1.87	.75
FCM2406	-12	2.00	.90
FCM2407	-16	2.25	.93

Special Flare Adapters

FLARE TO BRAZE (UNPLATED)

Steel Packaged Part Number	"A" Dash Size	"B" Tube O.D. INCHES	"C" Counterbore Depth
FCM2871	-04	1/4	.16
FCM2872	-06	3/8	.16
FCM2873	-06	1/2	.16
FCM2874	-08	1/2	.16
FCM2875	-10	5/8	.16
FCM2876	-10	3/4	.25
FCM2877	-12	3/4	.25
FCM2878	-12	1	.25
FCM2879	-16	1	.25
FCM2880	-20	1 1/4	.25



Bulkhead Adapters

BULKHEAD UNION² (AN 832)



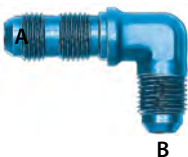
Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2769	FCM5769	FCE2769	FCM2770	-03	-03
FCM2071	FCM5071	FCE2071	FCM2771	-04	-04
—	—	—	FCM2772	-04	-06
—	—	—	FCM2773	-05	-05
FCM2072	FCM5072	FCE2072	FCM2774	-06	-06
FCM2073	FCM5073	FCE2073	FCM2775	-08	-08
FCM2074	FCM5074	FCE2074	FCM2776	-10	-10
FCM2075	FCM5075	FCE2075	FCM2777	-12	-12
FCM2076	FCM5076	FCE2076	FCM2778	-16	-16
FCM2077	FCM5077	FCE2077	FCM2779	-20	-20

45° ELBOW BULKHEAD UNION¹ (AN 837)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2893	FCM5893	—	-03	-03
FCM2127	—	FCM2781	-04	-04
—	—	FCM2782	-05	-05
FCM2128	—	FCM2783	-06	-06
FCM2425	—	FCM2784	-08	-08
FCM2426	—	FCM2785	-10	-10
—	—	FCM2786	-12	-12
—	—	FCM2787	-16	-16
—	—	FCM2788	-20	-20

90° ELBOW BULKHEAD UNION¹ (AN 833)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	"B" Dash Size
FCM2799	FCM5799	FCE2799	FCM2790	-03	-03
FCM2081	FCM5081	FCE2081	FCM2791	-04	-04
—	—	—	FCM2792	-05	-05
FCM2082	FCM5082	FCE2082	FCM2793	-06	-06
FCM2083	FCM5083	FCE2083	FCM2794	-08	-08
FCM2084	FCM5084	FCE2084	FCM2795	-10	-10
FCM2085	FCM5085	—	FCM2796	-12	-12
FCM2086	—	—	FCM2797	-16	-16
—	—	—	FCM2798	-20	-20

AN numbers are for configuration reference only.

Bulk or Retail Packaged Parts

FB-prefixed part numbers indicate bulk-packaged products. FC-prefixed part numbers indicate carded/clam shelled (retail-packaged) products. Most products in this catalog can be ordered in either package style by changing the prefix accordingly.

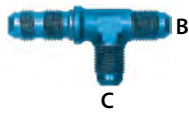
Adapters

BULKHEAD TEE¹ (AN 834)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	"B" Dash Size	"C" Dash Size
FCM2808	—	FCM2800	-03	-03	-03
FCM2091	FCM5091	FCM2801	-04	-04	-04
—	—	FCM2802	-05	-05	-05
FCM2092	—	FCM2803	-06	-06	-06
FCM2093	—	FCM2804	-08	-08	-08
FCM2899	—	FCM2805	-10	-10	-10
—	—	FCM2806	-12	-12	-12
—	—	FCM2807	-16	-16	-16

BULKHEAD RUN TEE¹ (AN 804)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	Steel Packaged Part No.	"A" Dash Size	"B" Dash Size	"C" Dash Size
FCM2815	FCM5815	FCE2815	FCM2809	-03	-03	-03
FCM2117	—	—	—	-04	-04	-04
FCM2118	—	—	FCM2811	-06	-06	-06
FCM2180	—	—	FCM2812	-08	-08	-08
FCM2816	—	—	FCM2813	-12	-12	-12
—	—	—	FCM2814	-16	-16	-16

BULKHEAD MALE CONNECTOR²



Steel Packaged Part Number	"A" Dash Size	"B" Pipe Size
FCM2831	-04	1/4
FCM2832	-08	3/8
FCM2833	-10	1/2
FCM2834	-12	3/4
FCM2835	-16	1

BULKHEAD FEMALE CONNECTOR²



Steel Packaged Part Number	"A" Dash Size	"B" Pipe Size
FCM2821	-04	1/8
FCM2822	-08	3/8
FCM2823	-10	1/2
FCM2824	-12	3/4
FCM2825	-16	1

LOCKNUT (AN 924)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	Steel Packaged Part Number	Dash Size	Number Per Package
FCM3556	FCM5556	FCE3556	FCM2095	-03	2
FCM2099	FCM5099	FCE2099	FCM2096	-04	2
—	—	—	FCM2097	-05	2
FCM2100	FCM5100	FCE2100	FCM2098	-06	2
FCM2103	FCM5103	FCE2103	FCM3584	-08	1
FCM2104	FCM5104	FCE2104	FCM3585	-10	1
FCM2105	FCM5105	FCE2105	FCM3586	-12	1
FCM2106	FCM5106	FCE2106	FCM3587	-16	1
FCM3833	—	—	FCM3588	-20	1

AN numbers are for configuration reference only.

¹Aluminum part numbers do NOT include locknut. Locknut must be ordered separately for aluminum parts. Steel parts DO include nuts.

²Locknut included.

Adapters

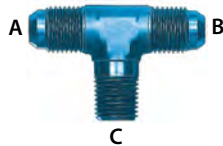
Tee Adapters

UNION TEE (AN 824)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	"A" Dash Size	"B" Dash Size	"C" Dash Size
FCM2060	FCM5060	FCE2060	-03	-03	-03
FCM2061	FCM5061	FCE2061	-04	-04	-04
FCM2062	FCM5062	FCE2063	-06	-06	-06
FCM2063	FCM5063	FCE2064	-08	-08	-08
FCM2064	FCM5064	—	-10	-10	-10
FCM2065	FCM5065	—	-12	-12	-12
FCM2066	—	—	-16	-16	-16

MALE BRANCH TEE (AN 825)



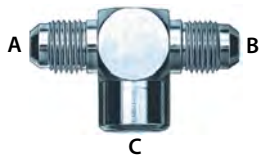
Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	"A" Dash Size	"B" Dash Size	"C" Pipe Size INCHES
FCM2187	FCM5187	FCE2187	-03	-03	1/8
FCM2121	FCM5121	FCE2121	-04	-04	1/8
FCM2122	FCM5122	FCE2122	-06	-06	1/4
FCM2123	FCM5123	—	-08	-08	3/8
FCM2251	—	—	-10	-10	3/8
FCM2252	—	—	-12	-12	3/4

MALE RUN TEE (AN 826)



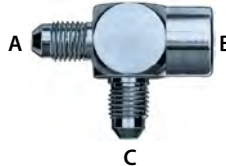
Aluminum Blue Anodized Packaged Part Number	Aluminum Black Anodized Packaged Part Number	Steel Packaged Part Number	"A" Dash Size	"B" Pipe Size	"C" Dash Size INCHES
FCM2714	FCM5714	FCM2700	-03	1/8	-03
FCM2124	FCM5124	FCM2701	-04	1/8	-04
—	—	FCM2703	-04	1/4	-04
—	—	FCM2702	-05	1/8	-05
FCM2125	FCM5125	FCM2704	-06	1/4	-06
—	—	FCM2705	-06	3/8	-06
FCM2126	FCM5126	FCM2706	-08	3/8	-08
—	—	FCM2707	-08	1/2	-08
—	—	FCM2708	-10	1/2	-10
FCM2298	—	FCM2709	-10	3/4	-10
FCM2299	—	FCM2710	-12	3/4	-12
—	—	FCM2711	-16	1	-16
—	—	FCM2712	-20	1 1/4	-20

FEMALE PIPE FLARE TEE



Steel Packaged Part Number	"A" Dash Size	"B" Dash Size INCHES	"C" Pipe Size
FCM2881	-03	-03	1/8
FCM2882	-04	-04	1/8
FCM2883	-04	-04	1/4
FCM2884	-06	-06	1/4
FCM2885	-08	-08	3/8

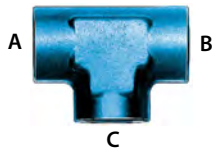
FEMALE PIPE FLARE TEE



Steel Packaged Part Number	"A" Dash Size	"B" Pipe Size	"C" Dash Size INCHES
FCM2817	-03	1/8	-03
FCM2818	-04	1/8	-04
FCM2819	-04	1/4	-04

Adapters

FEMALE FLARE TEE



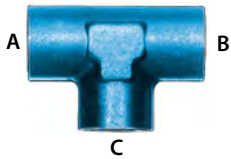
Aluminum Blue Anodized Packaged Part Number	"A" Dash Size	"B" Dash Size	"C" Dash Size
FCM2173	-04	-04	-04
FCM2174	-06	-06	-06
FCM2175	-08	-08	-08
FCM2176	-10	-10	-10
FCM2177	-12	-12	-12

TEE WITH FEMALE ON THE BOTTOM



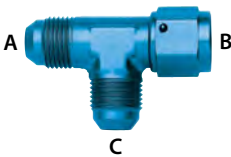
Aluminum Blue Anodized Packaged Part Number	"A" Dash Size	"B" Dash Size	"C" Dash Size
FCM2281	-4	-4	-4
FCM2282	-6	-6	-6
FCM2283	-8	-8	-8
FCM2284	-10	-10	-10
FCM2285	-12	-12	-12
FCM2286	-16	-16	-16

FEMALE PIPE TEE (AN 917)



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Packaged Part Number	Aluminum Nickel-Plated Packaged Part Number	"A" Pipe Size INCHES	"B" Pipe Size INCHES	"C" Pipe Size INCHES
FCM2150	FCM5150	FCE2150	1/8	1/8	1/8
FCM2151	FCM5151	—	1/4	1/4	1/4
FCM2152	FCM5152	—	3/8	3/8	3/8

FEMALE ON THE RUN TEE



Aluminum Blue Anodized Packaged Part Number	Aluminum Black Packaged Part Number	"A" Dash Size	"B" Dash Size	"C" Dash Size
FCM2254	FCM5254	-04	-04	-04
FCM2255	FCM5255	-06	-06	-06
FCM2256	FCM5256	-08	-08	-08
FCM2257	—	-10	-10	-10
FCM2258	—	-12	-12	-12
FCM2259	—	-16	-16	-16

Inverted Flare Brake Adapters

S.A.E. 37° MALE FLARE TO 42° INVERTED FLARE

[Short; 2 per package]

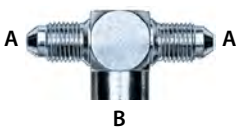


Steel Packaged Part Number	"A" Hose Fitting Dash Size	"B" Brake Thread Size	Length INCHES
FCM2926	-03	3/8 - 24	1.07
FCM2927	-04	3/8 - 24	1.14
FCM2928	-03	3/8 - 24	1.07
FCM2929	-03	7/16 - 24	1.14
FCM2930	-04	7/16 - 24	1.14
FCM2931	-04	1/2 - 20	1.16

Note: FCM2926 has a 9/16" hex and FCM2928 has a 7/16" hex.

S.A.E. 37° MALE FLARE TO FEMALE INVERTED FLARE TEE

[1 per package]



Steel Packaged Part Number	"A" Hose Fitting Dash Size	"B" Brake Thread Size
FCM2909	-03	3/8 - 24
FCM2910	-04	3/8 - 24

S.A.E. 37° MALE FLARE TO 42° MALE INVERTED FLARE

[Long 2-3/8"; 2 per package]



Steel Packaged Part Number	"A" Hose Fitting Dash Size	"B" Brake Thread Size
FCM2932	-03	3/8 - 24
FCM2933	-04	3/8 - 24
FCM2934	-03	7/16 - 24
FCM2935	-04	7/16 - 24

S.A.E. 37° MALE FLARE TO 30° INVERTED FLARE

[Short; 2 per package]



Steel Packaged Part Number	"A" Hose Fitting Dash Size	"B" Brake Thread Size	Length INCHES
FCM2950	-04	7/16 - 20	2.50
FCM2925	-04	7/16 - 20	1.33

S.A.E. 37° MALE FLARE TO FEMALE INVERTED FLARE

[2 per package]



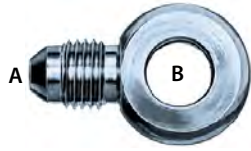
Steel Packaged Part Number	"A" Hose Fitting Dash Size	"B" Brake Thread Size
FCM2936	-03	3/8 - 24
FCM2937	-04	3/8 - 24

Adapters

S.A.E. Banjo Brake Adapters

S.A.E. 37° FLARE TO BANJO

[2 per package]



Steel Packaged Part Number	"A" Hose Fitting Dash Size	"B" Brake Thread Size
FCM2949	-03	3/8
FCM2938	-04	3/8
FCM2939	-03	7/16
FCM2940	-04	7/16

S.A.E. BANJO BOLT

[1 per package]



Steel Packaged Part Number	"A" Thread Size	Crushwasher ¹ Part Number
FCM2921	3/8-24	FCM3642
FCM2922	7/16-20	FCM3513

Metric Brake Adapters

S.A.E. 37° MALE FLARE TO METRIC FLARE

[2 per package]



Steel Packaged Part Number	"A" Hose Fitting Dash Size	"B" Brake Thread Size
FCM2941	-03	10mm x 1
FCM2942	-03	10mm x 1.25
FCM2966	-03	10mm x 1.5
FCM2943	-04	10mm x 1
FCM2944	-04	10mm x 1.25
FCM2967	-04	10mm x 1.5

S.A.E. 37° MALE FLARE TO FEMALE METRIC FLARE

[2 per package]



Steel Packaged Part Number	"A" Hose Fitting Dash Size	"B" Brake Thread Size
FCM2945	-03	10mm x 1
FCM2946	-04	10mm x 1

Metric Banjo Brake Adapters

S.A.E. 37° MALE FLARE TO METRIC BANJO

[2 per package]



Steel Packaged Part Number	"A" Hose Fitting Dash Size	"B" Brake Thread Size
FCM2947	-03	10mm
FCM2948	-04	10mm

METRIC BANJO BOLT

[1 per package]



Steel Packaged Part Number	"A" Thread Size	Crushwasher ¹ Part Number
FCM2923	10mm x 1.25	FCM3642
FCM2968	10mm x 1.5	FCM3642



¹Two crushwashers are required.