



## AUTHORIZED STOCKING DISTRIBUTOR OF AN, AS, MS, NAS, AEROSPACE, INDUSTRIAL AND MILITARY FASTENERS

AEROSPACE HYDRAULICS – Valves, Fittings, Air Bits

**BEARINGS** 

**BOLTS OF ALL TYPES** 

**BUCKING BARS** 

CABLE and CABLE ASSEMBLIES, CHAIN, WIRE ROPE

CLAMPS - Hose, Electrical, Cushioned, General Purpose

**CLECOS** and Tooling

**DRILL BITS** 

 ${\tt ELECTRICAL\ HARDWARE-Fuses},\ {\tt Strips},\ {\tt Clamps},\ {\tt Terminals},\ {\tt Bonding\ Jumper},$ 

Connectors, Ties

FITTINGS - AN, AS, MS, ER, NAS, PA, Hydraulic, Fuel, Air, Hose, Industrial, Grease

GASKETS, GROMMETS

HINGE and HINGE PINS

INSERTS - Helical, Helicoil, Keenserts

LAMPS – Aerospace and Aircraft Bulbs

LATCHES

LOCKNUTS, LOCKBOLTS, LOCKSCREWS, LOCKPINS, COLLARS

METRIC FASTENERS – All Types

NUT PLATES - AN, MS, NAS

**NUTSERTS** 

NYLON and NYLOCK FASTENERS

NUTS - AN, MS, NAS, Finished, Commercial, Jam, Locknut-nylon, Allmetal, Kep, Castle

O-RINGS and SEALS

PINS - Clevis, Cotter, Dowel, Lock, Pulley Guard, Spring, Roll, Pip, Quick Release

PULLEYS – Cable, Special

PLASTIC CAPS and PLUGS

**RELAYS** 

RETAINERS and RETAINING RINGS

RIVETS - Rivet Guns and Tools, Cherry, Gesipa, Pop, Solid Rivets

RIVNUTS and Tooling

SCREWS OF ALL TYPES

SHRINK TUBING

SPACERS, STUDS, SLEEVING, SPRINGS

**SNAPSLIDES** 

SOCKET SCREW PRODUCTS

**SWITCHES** 

TERMINALS, TERMINAL BOARD

TOOLS - Crimping, Retaining Ring, Riveting, Wire Twister

THREADED PRODUCTS – ROD, STUDS

WASHERS - All Types

WIRE - Safety, Lockwire, Electrical, Ties



**Your Bridge to Service Since 1950!** 

(510) 569-3121 (510) 569-4416 Fax www.nor-calsupply.com sales@nor-calsupply.com

THREAD SIZES											
Stra	ight Thread	Pipe Thread									
DASH NO.	THREAD SIZE	DASH NO.	THREAD SIZE								
2	5/16 – 24 UNF-3A	0	1/16 – 27 NPT								
3	3/8 – 24 UNF-3A	1	1/8 – 27 NPT								
4	7/16 – 20 UNF-3A	2	1/4 – 18 NPT								
5	1/2 – 20 UNF-3A	3	3/8 – 18 NPT								
6	9/16 – 18 UNF-3A	4	1/2 – 14 NPT								
8	3/4 – 16 UNF-3A	6	3/4 – 14 NPT								
10	7/8 – 14 UNF-3A	8	1 – 11-1/2 NPT								
12	1-1/16 – 12 UN-3A	10	1-1/4 - 11-1/2 NPT								
16	1-5/16 – 12 UN-3A	12	1-1/2 - 11-1/2 NPT								
20	1-5/8 – 12 UN-3A	16	2 – 11-1/2 NPT								
24	1-7/8 – 12 UN-3A	20	2-1/2 NPT								
28	2-1/4 – 12 UN-3A										
32	2-1/2 – 12 UN-3A										
40	3 – 12 UN-3A										
48	3-1/2 - 12 UN-3A										

	AUTHORIZED STOCKING DISTRIBUTOR OF AN, AS, MS, NAS, AEROSPACE, INDUSTRIAL AND MILITARY FASTENERS											
N 756 MS 20756	AN 757 MS 20757	AN 758 MS 20758	AN 759 MS 20759	AN 760 MS 20760	AN 761 MS 20761	AN 762 MS 20762	AN 771	AN 773	AN 774 MS 24387 AS 5160	AN 775 AS 5161 NAS 551		
			Da			2011			The Samuel	3		
lange-Swivel Fitting	Connector,	Elbow-Hose,	Elbow-Hose	Connector-Flared Tube,	Elbow, Flared Tube,	Elbow, Flared Tube,	Drain Cock,	Hose Swivel-Detachable,	Bolt-Flared Tube Fitting End Universal	Bolt-Universal Fitting		
Flanged N 776 AS 5162	Hose Flanged, Fixed AN777 AS 5163	Flanged, Swivel, 45° AN 778 AS 5164	Flanged, Swivel, 90° AN 779 NAS 555	Flanged, Fixed AN 780	Flanged, Swivel, 45° AN 782	Flanged, Swivel, 90°  AN 783 MS 24388	Screw-Type  AN 784 MS 24389	Low Press.  AN 785	(AN774 Shown) AN 790	( AN 775 Shown ) AN 791		
NAS 552	NAS 553	NAS 554	AS 5165		99	AS 1031	AS 1032					
						Tee-Flared Tube,	Tee-Flared Tube,					
bow-Universal 90° (AN 776 Shown)	Elbow-Universal 75° (AN 777 Shown)	Elbow-Universal 45° (AN778 Shown)  AN 804 MS 24390	Tee-Universal Fitting (AN 779 Shown)	Nipple Union  AN 806 MS 24404	Hose End-Swivel Hyd. & Pneu.	Internal Thread On Side (AN 783 Shown)	Internal Thread On Run (AN784 Shown)	Coupling-Union, Brazing  AN 813 MS 20813	Elbow-Union AN 814 MS 24391	Elbow - Union 45°  AN 815 AS 517		
N 179	AN 800	AS 1033	AIV OUS	AS 5168	AS 5180	AIV 007	AN OIZ	AN OLD MIS EGGLS	AS 5169	MS 24		
		All and the second							Emo	an hamman		
ee-Union	Cone –Union	Tee-Flared Tube With Bulkhead On Run (AN804 Shown)	Nut, Union	Plug-Flared Tube (AN 806 Shown)	Adapter Hose to Universal	Core-Air Valve High Pressure	Body-High Pressure Air Valve	Cap-High Pressure Air Valve	Plug & Bleeder Screw Thread (AN 814 Shown)	Union-Flared Tube (AN 815 Shown)		
AN 816 AS 5194	AN 817	AN 818 MS 24592	AN 819 MS 20819	AN 820	AN 821 AS 1034 MS 24401	AN 822 AS 5195 . MS 20822	AN 823 AS 5196 MS 20823	AN 824 AS 1035 MS 24402	AN 825 AS 5197 MS 20825	AN 826 AS 519 MS 208		
					The state of the s	- Junior C	The state of the s					
lipple-Flared Tube		Nut, Coupling	Sleeve, Coupling	Cap-Flared Tube	Elbow-Flared Tube 90°	Elbow-Flared Tube	Elbow-Flared Tube	Tee-Flared Tube	Tee-Flared Tube	Tee-Flared Tube		
N 827 AS 1036	AN 832 AS 5406	(AN818 Shown)  AN 833 AS 1038	(AN819 Shown)  AN 834 AS 1039		(AN 821 Shown) AN 838	And Pipe Thread, 90°  AN 839 AS 5182	And Pipe Thread, 45°  AN 840 AS 5183	(AN 824 Shown)  AN 842 AS 5185  MS 24519	AN 844 AS 5186 MS 24518	With Pipe Thread On Re AN 846 AS 5187		
MS 24403	MS 24393	MS 24394	MS 24395	MS 24396	AS 5181		MS 24522	INI2 5421A	IVIS 24510	AS 5167		
	Union-Flared Tube	Elbow-Flared Tube And	Tee- Flared Tube	Elbow-Flared Tube			Adapter-	Elbow-Pipe Thread	Elbow-Pipe Thread			
ross-Flared Tube (AN 827 Shown) N 848 AS 5188	Bulkhead And Universal (AN 832 Shown)	Bulkhead Universal 90° (AN833 Shown)	Bulkhead Universal (AN 834 Shown)  AN 893 MS 24397	And Universal 45° (AN 837 Shown)  AN 894 MS 24398	Elbow Hose To Universal 90°	Hose To Universal 45° AN 909	Hose To Pipe Thread (AN 840 Shown)  AN 910 AS 4859	And Hose 90° (AN 842 Shown)  AN 911 AS 4860	And Hose 45° (AN 844 Shown)  AN 912 AS 4861	Elbow-Hose Bulkhead 4 AN 913 MS 209		
N 848 AS 5188	AN 849 AS 5189	AN 867	AN 893 MS 24397 AS 5172	AS 5173	AN 903	AN 909	AN 910 AS 4859	AN 911 AS 4000	AN 912 AS 4861	AS 48		
			Mini-		T				Jann,			
lbow-Hose Bulkhead 90°	Connector-Hose Bulkhead	Flange-Pipe Thread Welding	Bushing-Screw Thread Reducer (AN 893 Shown)	Bushing-Screw Thread Expander (AN 894 Shown)	Plug-Hex HD Drilled For Locking	Plug-Square Head, Drilled For Locking	Coupling-Pipe Thread	Nipple-Pipe Thread	Bushing-Reducer	Plug-Square Head Pipe Thread		
N 914 AS 4854	AN 915 AS 4855	AN 916 AS 4856	AN 917 AS 4857	AN 918 AS 4858	AN 919 MS 24399 AS 5174	AN 924 MS24400 AS 5178	AN 925 AS 5193 AN 937	AN 926 AS 5192 AN 938	AN 927 AS 5190 AN 939	AN 928 AS 5		
On A												
Ibow-Internal And	Elbow-Internal 45°	Elbow-Internal Pipe	Civil III		Reducer-External Thread Flared Tube	Nut Flared Tube, Bulkhead & Universal Fitting	Cross-Internal	Tee-Internal Screw Thread	Elbow-Internal	Elbow-Internal		
kternal Pipe Thread 90°	And External Pipe  AN 932 MS 49005	Thread 90° AN 933 AS 4863	AN 5832 MS 28052	Cross-Internal Pipe Thread AN 6204	(AN 919 Shown) AN 6285-1	(AN 924 Shown) AN 6285-2	AN 6287 MS 28889	AN 6289 AS 5179	Screw Thread, 90°  MS 21900	MS 21901- (Long T		
	AS 4864 MS 27769		many 227		1 To	The same	2		ER 115 AS 5238	P		
	Plug-Counter Sink						Air Valve		Adapter-Flareless	The state of the s		
Cap Assembly, Pressure eal Flared Tube Fitting	Hex Head Pipe (AN 932 Shown)	Plug-Pipe, Hex Head	Check Valve Press, Gage (AN 5832 Shown)	Valve, Hydraulic Bleeder	Body	Bolt MS 21908	(AN 6287 Shown)  MS 21909	Nut-Flared Tube Universal Fitting  MS 21910	Tube To An Flared Tube (MS 21900 Shown) MS 21911	Adapter Superseded By MS 219 MS 21912		
MS 21902 AS 5230 ER 815	MS 21903-	MS 21904 ER 821	MS 21905 ER 824	MS 21906 ER 827	MS 21907 ER 837	ER 833	ER 834	ER 783	ER 784	ER 804		
	Mile Milling of the second											
Inion-Flareless Tube	(Long Type) Union Superseded By MS21924	Elbow Flareless Tube 90°′	Tee Flareless Tube	Cross Flareless Tube	Elbow Flareless Tube Bulkhead Universal 45%	Elbow Flareless Tube Bulkhead Universal 90°	Tee Flareless Tube Bulkhead And Universal	Tee Flareless Tube Internal Thread On Side	Tee Flareless Tube Internal Thread On Run	Tee Flareless Tube With Bulkhead On Run		
AS 21913 AS 5231 R 806	MS 21914 ER 929	MS 21915 AS 5232 ER 894	MS 21916 AS 5230 ER 919	MS 21917 ER 817	MS 21918 ER 819	MS 21921 ER 0818	MS 21922 ER 0819	MS 21923 ER 116	MS 21924 ER 832	MS 21926		
HIHA .				USE O	NLY W TH	U.E. ON	ILY WITH		The same of the sa			
lug	Cap Assy. Flareless Tube	Bushing Flareless Tube	Reducer Flareless Tube	Nut	Sleeve	Nut	Sleeve	Adapter Flareless Tube To AN Flared Tube	Union Flareless Tube	Elbow-90° Univ. Flareless Tube		
AS 21937	MS 21938	Screw Thread Expander MS 21939	MS 21940	Superseded By MS21921 MS 21941	Superseded By MS 21922  MS 21942	MS 21943	MS 21944	Bulkhead MS 21945	Bulkhead And Universal MS 21946	MS 28740 MS 24		
	The same of the sa	The state of the s					8 Fm					
Nut	Bolt	Bolt Single Port	Bolt-Double Port,	Bolt-Double Port,	(3)			Body	Body One Way	10 11		
Cluster Fitting Letainer-Flareless	Single Port Cluster-Flareless	Throught-Passage Cluster-Flareless	Through-Passage Cluster-Flareless	Through-Passage Cluster-Flareless	Body-One Way Cluster-Flareless	Body-Flareless Two Way Cluster 90°	Body-Flareless Two Way Cluster 180°	Three Way Cluster Flarelesss	Internal Boss Cluster-Flareless	Hose End-Hyd, Pneu, Fuel & Oil		
AS 28748	MS 28749	MS 28750	MS 28752	MS 28760	MS 28761	NAS 424	NAS 1236 ER 556	NAS 1237 ER 552	NAS 1238 ER 553	RAS 1239 ER 554		
	1	The same of the sa	Fitting End	Hose End Attachable,	Hose End Attachable,		0					
Connector-Hose, wivel Flange Reusable	Elbow-Hose, Swivel Flange, 45° Reusable	Elbow-Hose, Swivel Flange 90° Reusable	Self Sealing Fuel Hose, Swivel Detachable	Hyd. & Pneu. High Pressure 3,000 PSI Flared Tube	Hyd. & Pneu. High Pressure 3,000 Flareless Tube	Coupling-Tube Flared Fitting	Bolt-Universal Tube End-Flareless	Elbow-Universal 90° Flareless	Elbow-Universal 75° Flareless	Elbow-Universal 45° Flareless		
IAS 1240	ER 783	ER 784	ER 804	ER 821	ER 824	ER 827	ER 832	ER 833	ER 834	ER 837		
1 Jonas	R Bulkhead On	3	and Sandamine min		The same of the sa	The state of the s	With thinking the same of the	3mm-m-y - 3				
Children Control	Side Outlet	Reducer Tee-Bulkhead & Int. Thread End On Run Example:  (RIP84 - GR 00 D L L Side outlet - 1/4" tube PORT 12 L Internal introded -3/8" tube PORT 11 L Side outlet - 1/4" tube PORT 11 L Side outlet - 1/4" tube PORT 11 L Side outlet - 1/2" tube	Reducer Tee- Bulkhead On Run	Reducer Elbow	Reducer Tee 3  Example: 8824 - 05 05 04  FORT 13  FORT 11  Larger run habe - 3/8" habe	Reducer Cross 3	Reducer Bulkhead Union	Reducer Bulkhead Elbow -90°	Reducer Bulkhead Tee	Reducer Bulkhead		