



AMSI WELD CYLINDER GUIDE

Version 1.0


AMSI WELD CYLINDER

centerline

AMSI WELD CYLINDER

CENTERLINE (WINDSOR) LIMITED

For over 40 years innovation has been the hallmark of CenterLine (Windsor) Limited, resulting in the products and services that meet or exceed customer needs and expectations. The CenterLine Electrodes and Allied Products Division is dedicated to the manufacture and supply of cold-formed electrodes, holders, patented weld nut electrodes, special welding dies, shunts and cables and a host of other consumable products.

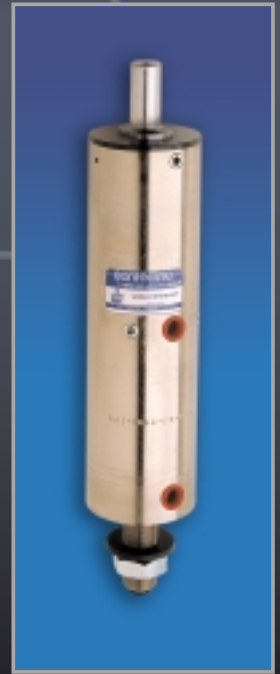
AMERICAN MACHINING SPECIALITIES INC.

American Machining Specialities Incorporated (AMSI) has been manufacturing cylinders for the resistance welding industry for over 40 years. While these cylinders were once available exclusively from Savair, AMSI embarked in 1999 on a two year project that built off of the experience gained from a long history in this field to develop a new and longer lasting cylinder. This project has been completed and validated using results from the field. Now coupled with CenterLine, we are pleased to offer you a comprehensive line of new Dual and Triple Piston Cylinders, Pre-Lube Cylinders, Retract Cylinders, Proximity Switch Cylinders and Hydraulic Cylinders. The line of standard cylinders featured in this book provide direct replacements for a large variety of weld cylinder applications. In addition to the standard line we also offer in house design to fit our customer's specific requirements as well as replacement seal kits and parts for competitive brands.



OUR COMBINED STRENGTH

With this catalogue we bring together complementary product lines from CenterLine and AMSI. Every effort has been made to provide the dimensional data that will allow you to select all the components necessary to design your own welding tool. In the event that you have a special application, or you require assistance, CenterLine's technical staff will be pleased to assist you in the selection of the proper weld cylinder and copper components for your application.



Manufacturers Limited Warranty

WARRANTY AND DISCLAIMER

The LIMITED WARRANTY that follows makes specific reference to the 'Manufacturer'. It is hereby stated that the 'Manufacturer' of AMSI Cylinders is American Machining Specialities Inc. and the 'Manufacturer' of Electrodes Products is CenterLine (Windsor) Limited.

- (a) The Manufacturer warrants to Buyer that the equipment will be free of defects, which are not commercially acceptable in material and workmanship for a period of **one (1) year from date of delivery** provided that the equipment has been properly installed and maintained, and operated under normal conditions.
- (b) This warranty is void and of no effect and the Manufacturer shall not be liable for any breach of warranty, express or implied, if the equipment or any part or component thereof shall have been repaired or altered by persons other than those approved by the Manufacturer unless expressly authorized in writing by the Manufacturer, or if the equipment is installed or operated contrary to instructions or subjected to misuse, negligence or accident.
- (c) There are no other warranties that extend beyond the warranty herein contained and no statement oral or written, inconsistent with this warranty is binding on the Manufacturer. No agent, employee, representative or distributor of the Manufacturer has any authority to bind the Manufacturer to any confirmation, representation or warranty concerning the equipment beyond that specifically included herein. Extension of or amendment to this warranty can be made only in writing by a duly authorized officer of the Manufacturer.
- (d) This warranty is made in lieu of all other warranties expressed or implied, including any warranty of merchantability of fitness for a particular purpose.
- (e) The policy of the Manufacturer is one of continuous improvement of its products and therefore the Manufacturer reserves the right to make changes in design or materials as the Manufacturer may deem proper, without incurring any obligation to incorporate such changes in equipment of prior manufacture.
- (f) Buyer's remedies for breach of any warranty shall be limited as provided in the next section.

REMEDY FOR BREACH OF WARRANTY AND LIMITATION

- (a) The Manufacturer agrees to repair or replace- at their option, any part of the equipment manufactured which during the period of one (1) year specified above, may prove upon the Manufacturer's inspection to be defective in material and workmanship and not commercially acceptable; provided that such parts claimed to be defective are returned to a point designated by the Manufacturer. The Manufacturer shall not be responsible for labor costs for removal or replacement of defective parts.
- (b) Under no circumstances shall the Manufacturer be liable for Buyer's lost profits or other consequential or incidental damages resulting from any cause whatsoever, including but limited to any breach of warranty, negligence by the Manufacturer, or alleged damaged or defective goods, irrespective of whether such defects are discoverable or latent. The liability of the Manufacturer- in all events, including any claim of negligence, shall not exceed and is limited to the Manufacturers retail list price for parts found to be defective.
- (c) Any claim for breach of the Manufacturers' warranty herein contained must be made in writing addressed to the Manufacturer setting forth sufficient detail to permit identification of the defect. Any claim for breach of warranty must be made within one (1) year after delivery of the item of equipment. If not made within such one (1) year period, any warranty claim shall be conclusively deemed to have been waived.
- (d) This warranty is not transferable, and is available solely to the original Buyer.
- (e) The remedies herein contained for breach of warranty and/or the Manufacturers negligence shall be exclusive.





















LIMITATION OF ACTIONS

- (a) Any action for breach of this Limited Warranty must commence within six (6) months of the time the cause of the action accrues, unless the Manufacturer in writing extends the period for action. This provision is made expressly in lieu of, and shall supersede, an otherwise applicable statute of limitations.
- (b) This warranty applies to equipment manufactured by the Manufacturer and does not apply to components, parts, or accessories purchased by the Manufacturer. These items will carry only the warranty issued by the original manufacturer. The Manufacturer will not be responsible for any warranty claims beyond that covered by the original equipment manufacturer.

February 2003.

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AMSI Cylinder Coding Examples

American Machining
Mounting Style
Piston Type (Dual)
*Port Position **
Bore (3.00)
Stroke (1/4" Incr.)
Rod End Style
*Rod Stickout (1/16" Incr.)**
*Round Rod **

AMT1 - G2 (180) - 3000 - 12N6+ - 26 - R

Dual Piston Cylinder

American Machining
Mounting Style
Piston Type (Triple)
*Port Position **
Bore (2.75)
Stroke (1/4" Incr.)
Rod End Style
*Rod Stickout (1/16" Incr.)**
*Round Rod **

AMT1 - G3 (90R) - 2750 - 6N6+ - 26 - R

Triple Piston Cylinder

American Machining
Mounting Style
Piston Type (Retract)
*Viton "O" Rings **
*Prox. Position **
Bore (3.25)
Retract Stroke (1/4" Incr.)
Extend Stroke (1/4" Incr.)
Rod End Style
*Rod Stickout (1/16" Incr.)**
*Round Rod **

AMT1 - RV (P1) - 3250 - R16 - 6N6+ - 46 - R

Retract Cylinder

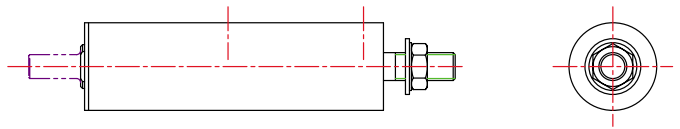
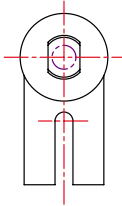
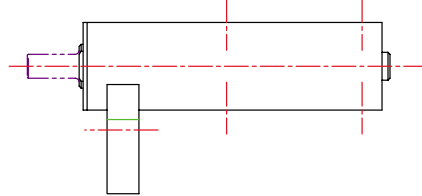
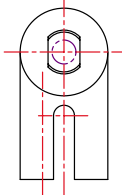
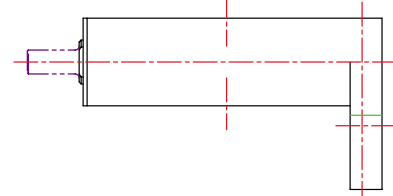
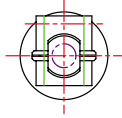
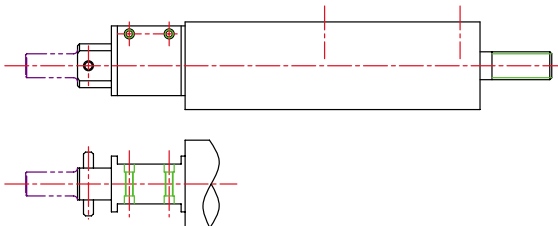
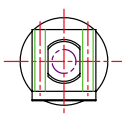
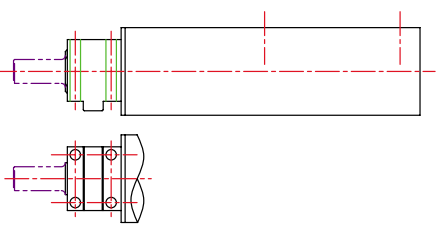
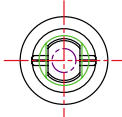
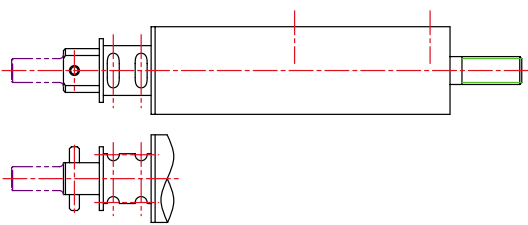
* Denotes Options Added to the Standard Cylinder Code.

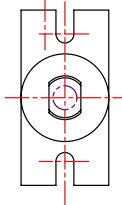
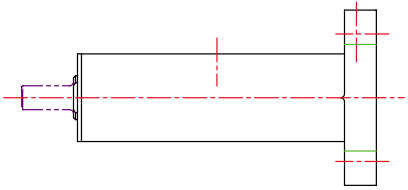
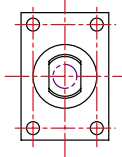
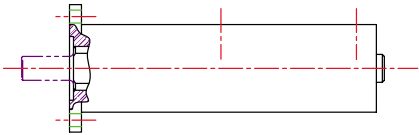
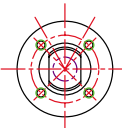
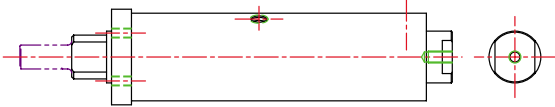
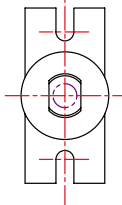
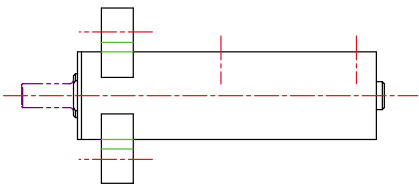
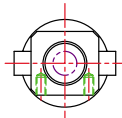

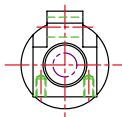
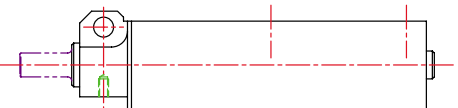
Pneumatic Cylinder - Pressure Charts

Dual Piston Cylinders										
Group	Model	Piston Area (Sq. In.)		Cylinder Extend Force (Lbs.) @ 95% Eff. Line Pressure (P.S.I.)						
		Extend	Return	40	50	60	70	80	90	100
Light Duty	1750	4.36	1.96	166	207	249	290	331	373	414
	2000	5.84	2.70	222	277	333	388	444	499	555
	2250	7.50	3.53	285	356	428	499	570	641	713
	2500	9.37	4.47	356	445	534	623	712	801	890
	2750	11.43	5.50	434	543	652	760	869	977	1086
	3000	13.60	6.63	517	646	775	904	1034	1163	1292
Medium Duty	3250	15.81	7.51	601	751	901	1051	1202	1352	1502
	3500	18.46	8.84	701	877	1052	1228	1403	1578	1754
	3750	21.30	10.26	809	1012	1214	1416	1619	1821	2024
	4000	24.35	11.78	925	1157	1388	1619	1851	2082	2313
Heavy Duty	4500	30.58	14.68	1162	1453	1743	2034	2324	2615	2905
	5000	38.04	18.41	1446	1807	2168	2530	2891	3252	3614
	5500	46.29	22.53	1759	2199	2639	3078	3518	3958	4398
	6000	55.32	27.05	2102	2628	3153	3679	4204	4730	5255

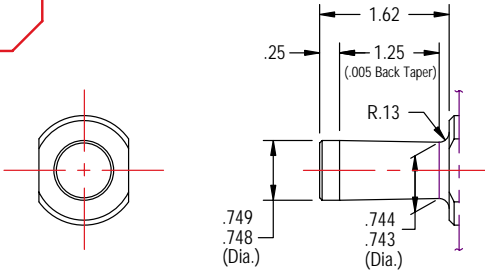
Triple Piston Cylinders										
Group	Model	Piston Area (Sq. In.)		Cylinder Extend Force (Lbs.) @ 95% Eff. Line Pressure (P.S.I.)						
		Extend	Return	40	50	60	70	80	90	100
Light Duty	1750	6.20	1.96	236	295	353	412	471	530	589
	2000	8.40	2.70	319	399	479	559	638	718	798
	2250	10.87	3.53	413	516	620	723	826	929	1033
	2500	13.70	4.47	521	651	781	911	1041	1171	1302
	2750	16.80	5.50	638	798	958	1117	1277	1436	1596
	3000	20.10	6.63	764	955	1146	1337	1528	1719	1910
Medium Duty	3250	22.99	7.51	874	1092	1310	1529	1747	1966	2184
	3500	26.97	8.84	1025	1281	1537	1794	2050	2306	2562
	3750	31.24	10.26	1187	1484	1781	2077	2374	2671	2968
	4000	35.81	11.78	1361	1701	2041	2381	2722	3062	3402
Heavy Duty	4500	44.86	14.68	1705	2131	2557	2983	3409	3836	4262
	5000	56.05	18.41	2130	2662	3195	3727	4260	4792	5325
	5500	68.42	22.53	2600	3250	3900	4550	5200	5850	6500
	6000	81.97	27.05	3115	3894	4672	5451	6230	7008	7787

Retract Cylinders											
Group	Model	Piston Area (Sq. In.)			Cylinder Extend Force (Lbs.) @ 95% Eff. Line Pressure (P.S.I.)						
		Extend	Retract Fwd.	Return	40	50	60	70	80	90	100
Light Duty	2000	5.10	3.14	1.96	194	242	291	339	388	436	485
	2250	6.67	3.97	2.70	253	317	380	444	507	570	634
	2500	8.44	4.90	3.53	321	401	481	561	641	722	802
	2750	10.40	5.93	4.47	395	494	593	692	790	889	988
	3000	12.50	7.07	5.93	475	594	713	831	950	1069	1188
Medium Duty	3250	14.50	8.29	6.28	551	689	827	964	1102	1240	1378
	3500	17.10	9.60	7.51	650	812	975	1137	1300	1462	1625
	3750	19.75	11.04	8.83	751	938	1126	1313	1501	1689	1876
	4000	22.80	12.56	10.26	866	1083	1300	1516	1733	1949	2166
Heavy Duty	4500	27.00	15.90	11.08	1026	1283	1539	1796	2052	2309	2565
	5000	34.00	19.63	14.41	1292	1615	1938	2261	2584	2907	3230
	5500	38.10	23.75	18.14	1448	1810	2172	2534	2896	3258	3620
	6000	50.50	28.27	22.27	1919	2399	2879	3358	3838	4318	4798

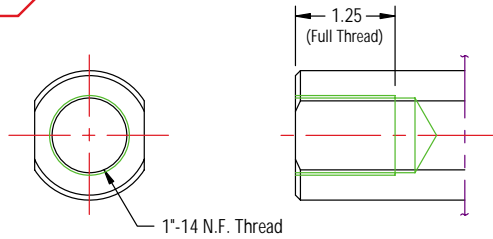
A		
B 3/4		
C		
D		
D2 & D4		
E, E2 & E3		

F		
H3		
H9P1		
J 3/4		
T1		
T2		

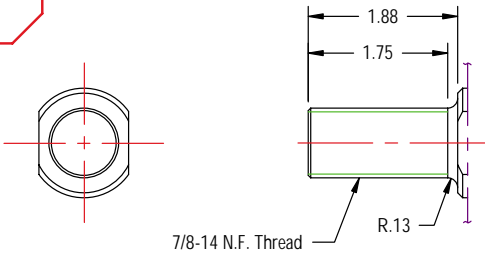
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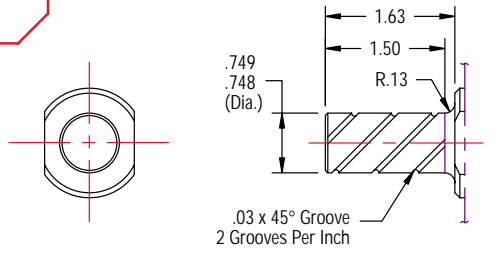
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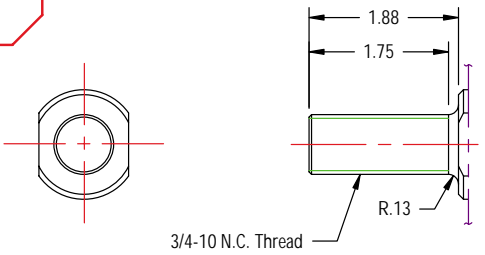
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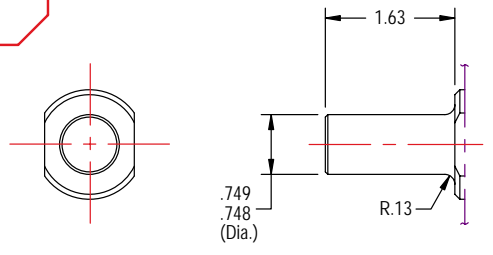
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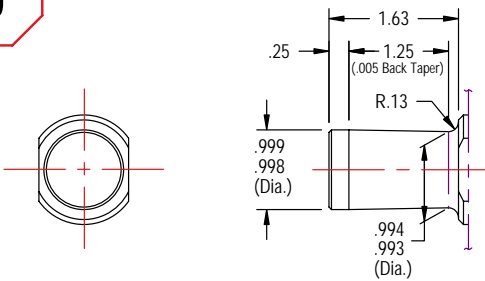
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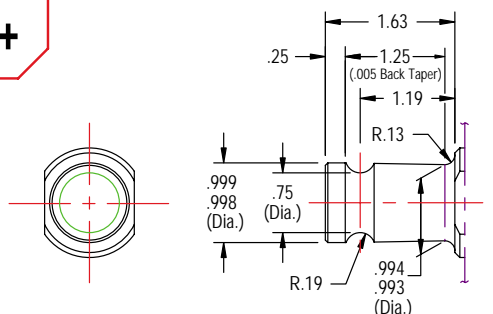
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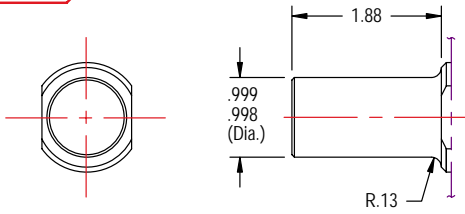
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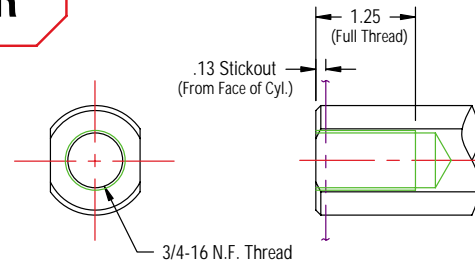
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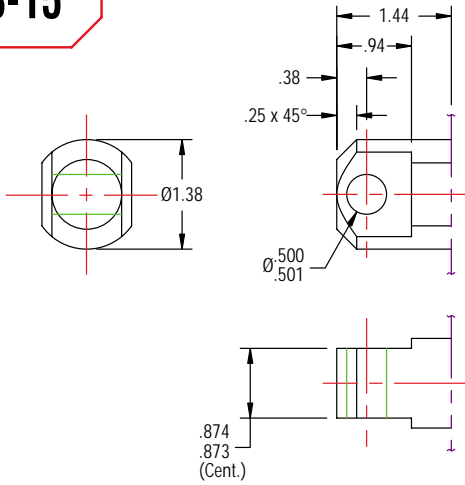
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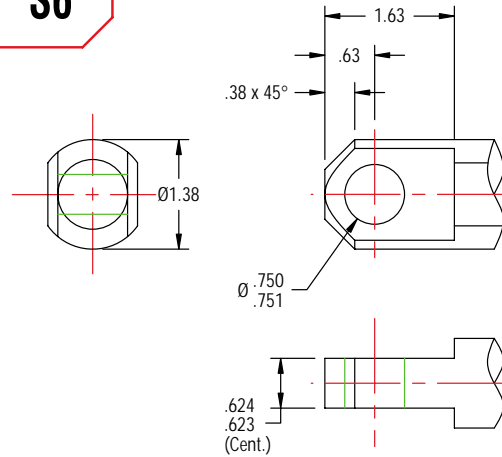
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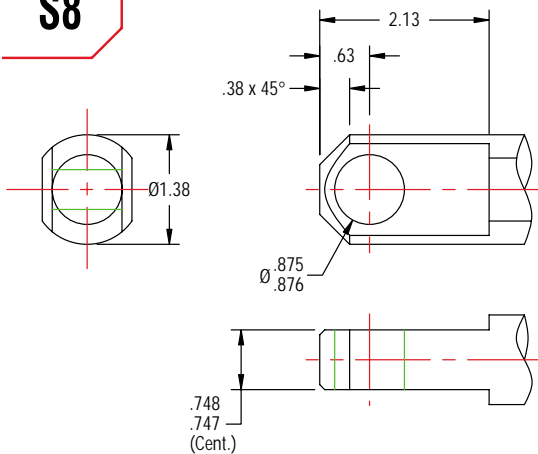
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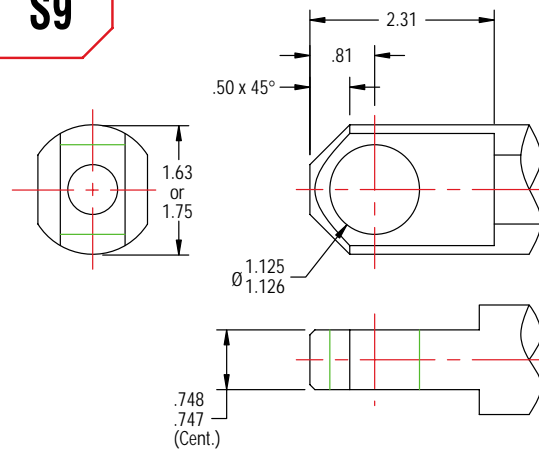
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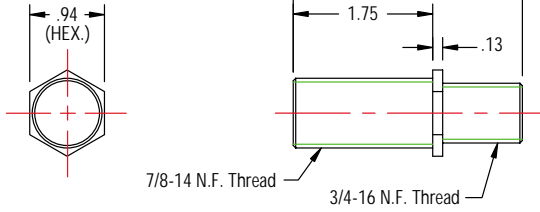
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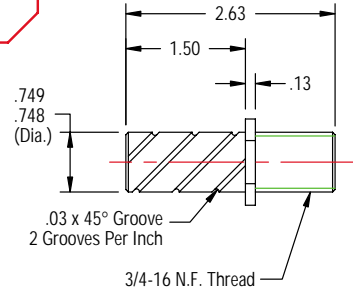
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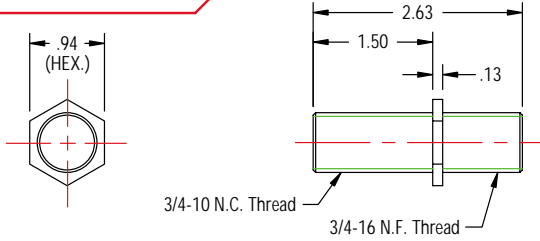
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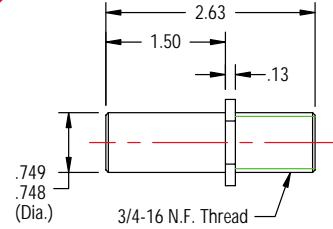
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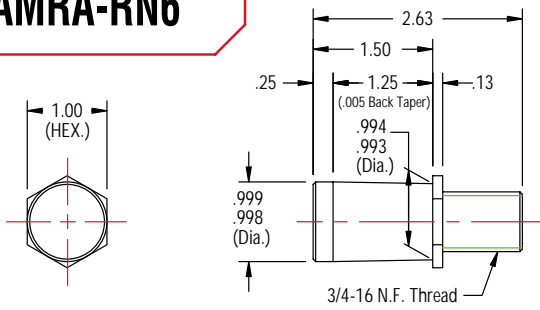
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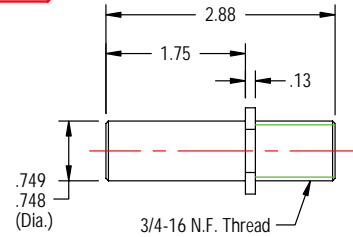
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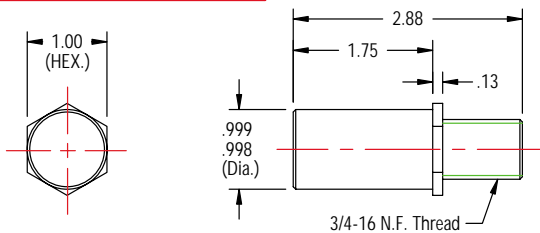
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AMRA-RN21

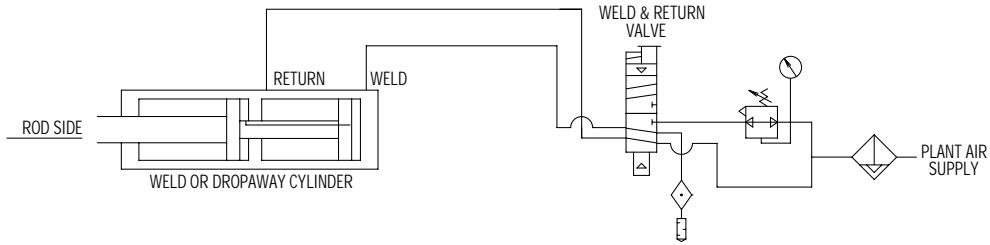


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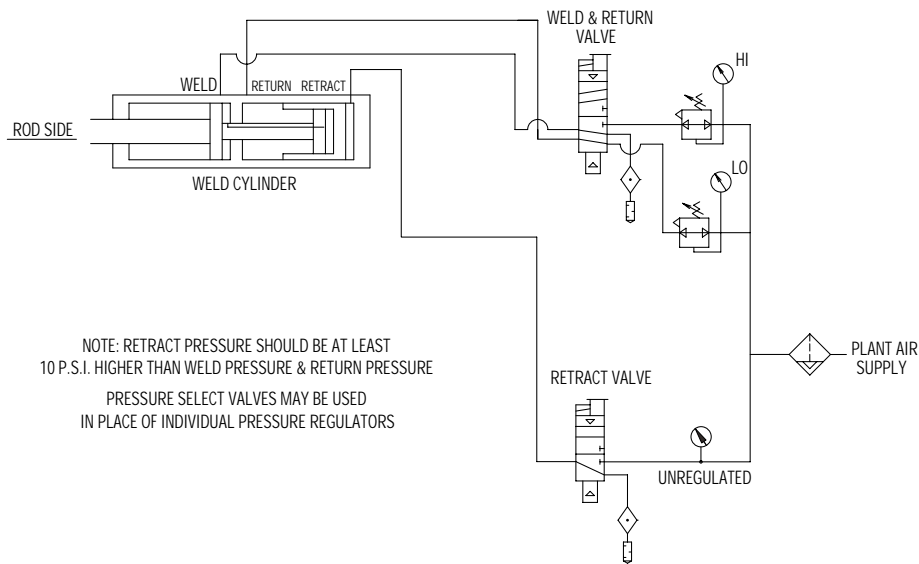


Note: Other rod end adaptors are available upon request.

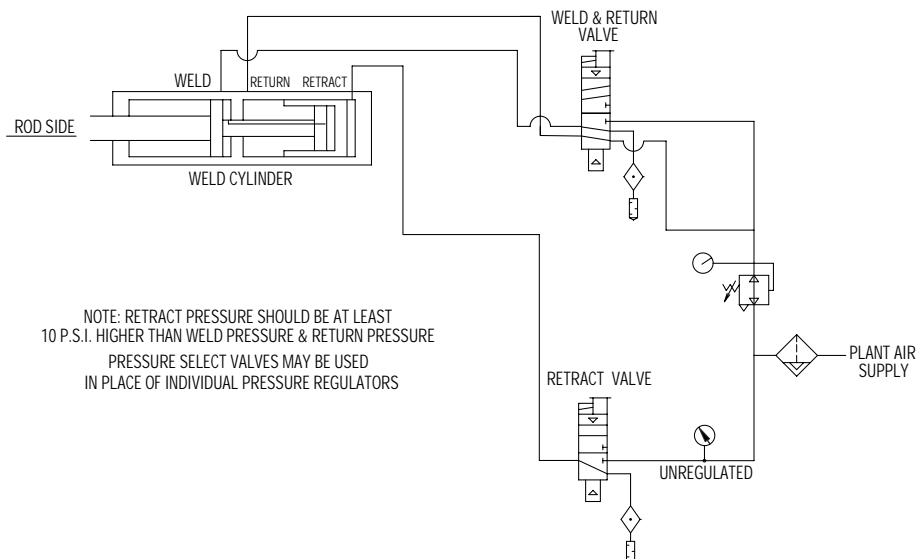
Standard Dual or Triple Piston Schematic

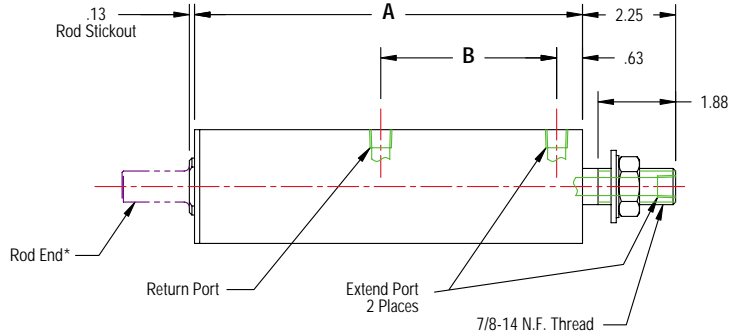
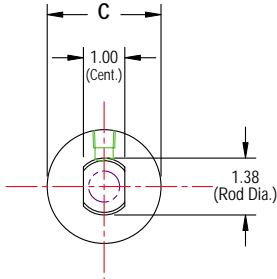


Retract Cylinder Schematic



Retract Cylinder Optional Schematic





Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AMA-G2-1750-4*	1.00	5.38	2.25	2.00	4.36	1.96
AMA-G2-1750-6*	1.50	6.38	2.75			
AMA-G2-1750-8*	2.00	7.38	3.25			
AMA-G2-1750-12*	3.00	9.38	4.25			
AMA-G2-2000-4*	1.00	5.38	2.25	2.25	5.84	2.70
AMA-G2-2000-6*	1.50	6.38	2.75			
AMA-G2-2000-8*	2.00	7.38	3.25			
AMA-G2-2000-12*	3.00	9.38	4.25			
AMA-G2-2250-4*	1.00	5.38	2.25	2.50	7.50	3.53
AMA-G2-2250-6*	1.50	6.38	2.75			
AMA-G2-2250-8*	2.00	7.38	3.25			
AMA-G2-2250-12*	3.00	9.38	4.25			
AMA-G2-2500-4*	1.00	5.38	2.25	2.75	9.37	4.46
AMA-G2-2500-6*	1.50	6.38	2.75			
AMA-G2-2500-8*	2.00	7.38	3.25			
AMA-G2-2500-12*	3.00	9.38	4.25			
AMA-G2-2750-4*	1.00	5.38	2.25	3.00	11.43	5.50
AMA-G2-2750-6*	1.50	6.38	2.75			
AMA-G2-2750-8*	2.00	7.38	3.25			
AMA-G2-2750-12*	3.00	9.38	4.25			
AMA-G2-3000-4*	1.00	5.38	2.25	3.25	13.60	6.63
AMA-G2-3000-6*	1.50	6.38	2.75			
AMA-G2-3000-8*	2.00	7.38	3.25			
AMA-G2-3000-12*	3.00	9.38	4.25			

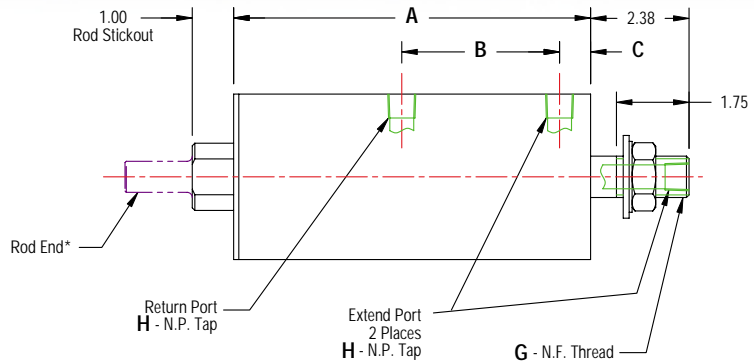
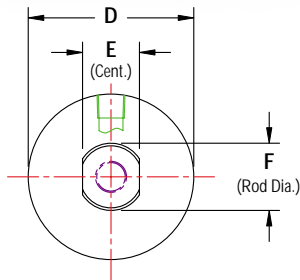
Coding Example	
AMA-G2-1750-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

DUAL PISTON CYLINDERS

Medium & Heavy Duty



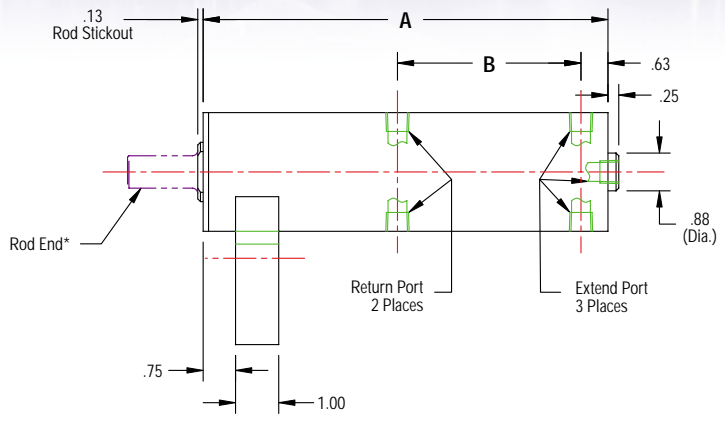
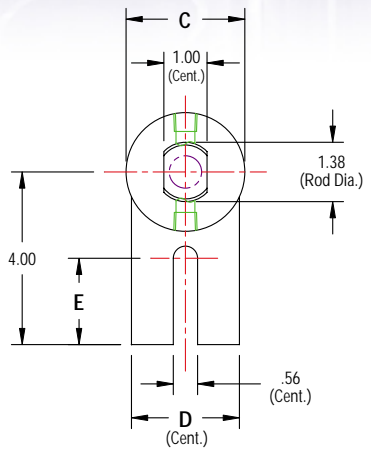
Model No.	Stroke	A	B	C	D	E	F	G	H	Piston Sq. In. Area	
										Extend	Return
AMA-G2-3250-4*	1.00	6.63	2.81	.75	3.50	1.38	1.63	1"-14	3/8-18	15.81	7.51
AMA-G2-3250-6*	1.50	7.63	3.31								
AMA-G2-3250-8*	2.00	8.63	3.81								
AMA-G2-3250-12*	3.00	10.63	4.81								
AMA-G2-3500-4*	1.00	6.63	2.81	.75	3.75	1.38	1.63	1"-14	3/8-18	18.46	8.84
AMA-G2-3500-6*	1.50	7.63	3.31								
AMA-G2-3500-8*	2.00	8.63	3.81								
AMA-G2-3500-12*	3.00	10.63	4.81								
AMA-G2-3750-4*	1.00	6.63	2.81	.75	4.00	1.38	1.63	1"-14	3/8-18	21.30	10.26
AMA-G2-3750-6*	1.50	7.63	3.31								
AMA-G2-3750-8*	2.00	8.63	3.81								
AMA-G2-3750-12*	3.00	10.63	4.81								
AMA-G2-4000-4*	1.00	6.63	2.81	.75	4.25	1.38	1.63	1"-14	3/8-18	24.35	11.78
AMA-G2-4000-6*	1.50	7.63	3.31								
AMA-G2-4000-8*	2.00	8.63	3.81								
AMA-G2-4000-12*	3.00	10.63	4.81								
AMA-G2-4500-4*	1.00	7.38	3.25	.81	5.00	1.50	1.75	1 1/4-12	1/2-14	30.58	14.68
AMA-G2-4500-6*	1.50	8.38	3.75								
AMA-G2-4500-8*	2.00	9.38	4.25								
AMA-G2-4500-12*	3.00	11.38	5.25								
AMA-G2-5000-4*	1.00	7.38	3.25	.81	5.50	1.50	1.75	1 1/4-12	1/2-14	38.04	18.41
AMA-G2-5000-6*	1.50	8.38	3.75								
AMA-G2-5000-8*	2.00	9.38	4.25								
AMA-G2-5000-12*	3.00	11.38	5.25								
AMA-G2-5500-4*	1.00	7.38	3.25	.81	6.00	1.50	1.75	1 1/4-12	1/2-14	46.29	22.53
AMA-G2-5500-6*	1.50	8.38	3.75								
AMA-G2-5500-8*	2.00	9.38	4.25								
AMA-G2-5500-12*	3.00	11.38	5.25								
AMA-G2-6000-4*	1.00	7.38	3.25	.81	6.50	1.50	1.75	1 1/4-12	1/2-14	55.32	27.05
AMA-G2-6000-6*	1.50	8.38	3.75								
AMA-G2-6000-8*	2.00	9.38	4.25								
AMA-G2-6000-12*	3.00	11.38	5.25								

Coding Example	
AMA-G2-3250-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
American	

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

Light Duty



Model No.	Stroke	A	B	C	D	E	Piston Sq. In. Area	
							Extend	Return
AMB3/4-G2-1750-4*	1.00	5.38	2.25	2.00	1.75	2.25	4.36	1.96
AMB3/4-G2-1750-6*	1.50	6.38	2.75					
AMB3/4-G2-1750-8*	2.00	7.38	3.25					
AMB3/4-G2-1750-12*	3.00	9.38	4.25					
AMB3/4-G2-2000-4*	1.00	5.38	2.25	2.25	2.00	2.25	5.84	2.70
AMB3/4-G2-2000-6*	1.50	6.38	2.75					
AMB3/4-G2-2000-8*	2.00	7.38	3.25					
AMB3/4-G2-2000-12*	3.00	9.38	4.25					
AMB3/4-G2-2250-4*	1.00	5.38	2.25	2.50	2.25	2.25	7.50	3.53
AMB3/4-G2-2250-6*	1.50	6.38	2.75					
AMB3/4-G2-2250-8*	2.00	7.38	3.25					
AMB3/4-G2-2250-12*	3.00	9.38	4.25					
AMB3/4-G2-2500-4*	1.00	5.38	2.25	2.75	2.50	2.00	9.37	4.46
AMB3/4-G2-2500-6*	1.50	6.38	2.75					
AMB3/4-G2-2500-8*	2.00	7.38	3.25					
AMB3/4-G2-2500-12*	3.00	9.38	4.25					
AMB3/4-G2-2750-4*	1.00	5.38	2.25	3.00	2.75	1.88	11.43	5.50
AMB3/4-G2-2750-6*	1.50	6.38	2.75					
AMB3/4-G2-2750-8*	2.00	7.38	3.25					
AMB3/4-G2-2750-12*	3.00	9.38	4.25					
AMB3/4-G2-3000-4*	1.00	5.38	2.25	3.25	3.00	1.75	13.60	6.63
AMB3/4-G2-3000-6*	1.50	6.38	2.75					
AMB3/4-G2-3000-8*	2.00	7.38	3.25					
AMB3/4-G2-3000-12*	3.00	9.38	4.25					

Coding Example

AMB3/4-G2-1750-8 N6

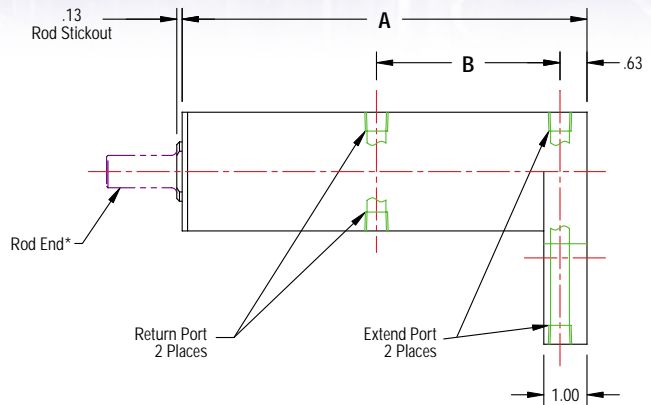
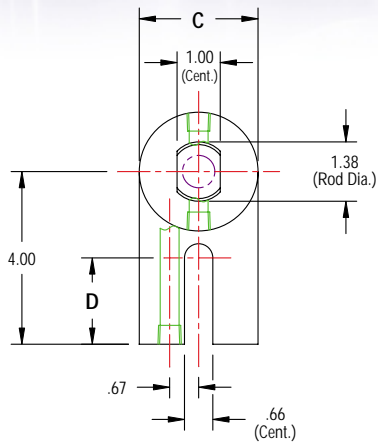
- Rod End Style*
- Stroke in 1/4" Increments
- Bore
- Dual Piston
- Mount Style
- Machining
- American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

DUAL PISTON CYLINDERS

Light Duty



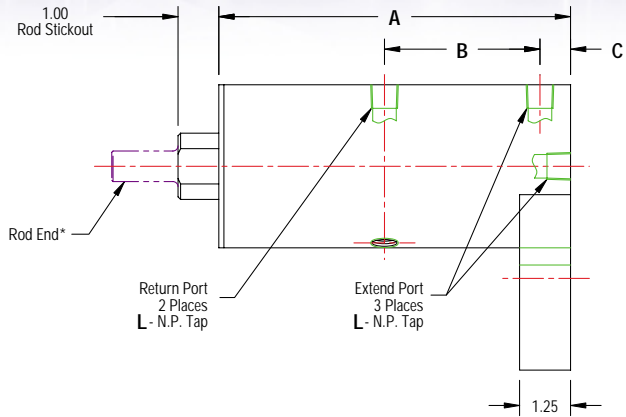
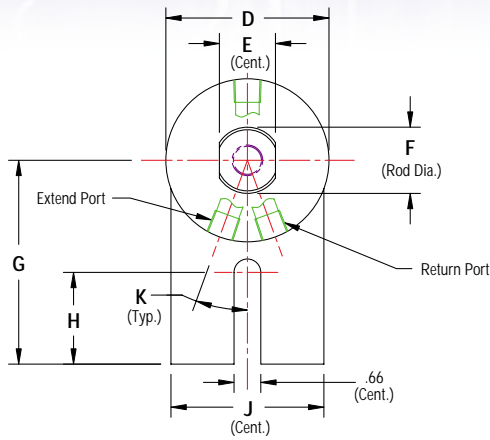
Model No.	Stroke	A	B	C	D	Piston Sq. In. Area	
						Extend	Return
AMC-G2-1750-4*	1.00	5.38	2.25	2.00	2.25	4.36	1.96
AMC-G2-1750-6*	1.50	6.38	2.75				
AMC-G2-1750-8*	2.00	7.38	3.25				
AMC-G2-1750-12*	3.00	9.38	4.25				
AMC-G2-2000-4*	1.00	5.38	2.25	2.25	2.25	5.84	2.70
AMC-G2-2000-6*	1.50	6.38	2.75				
AMC-G2-2000-8*	2.00	7.38	3.25				
AMC-G2-2000-12*	3.00	9.38	4.25				
AMC-G2-2250-4*	1.00	5.38	2.25	2.50	2.25	7.50	3.53
AMC-G2-2250-6*	1.50	6.38	2.75				
AMC-G2-2250-8*	2.00	7.38	3.25				
AMC-G2-2250-12*	3.00	9.38	4.25				
AMC-G2-2500-4*	1.00	5.38	2.25	2.75	2.00	9.37	4.46
AMC-G2-2500-6*	1.50	6.38	2.75				
AMC-G2-2500-8*	2.00	7.38	3.25				
AMC-G2-2500-12*	3.00	9.38	4.25				
AMC-G2-2750-4*	1.00	5.38	2.25	3.00	1.88	11.43	5.50
AMC-G2-2750-6*	1.50	6.38	2.75				
AMC-G2-2750-8*	2.00	7.38	3.25				
AMC-G2-2750-12*	3.00	9.38	4.25				
AMC-G2-3000-4*	1.00	5.38	2.25	3.25	1.75	13.60	6.63
AMC-G2-3000-6*	1.50	6.38	2.75				
AMC-G2-3000-8*	2.00	7.38	3.25				
AMC-G2-3000-12*	3.00	9.38	4.25				

Coding Example	
AMC-G2-1750-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Medium & Heavy Duty



Model No.	Stroke												Piston Sq. In. Area	
		A	B	C	D	E	F	G	H	J	K	L	Extend	Return
AMC-G2-3250-4*	1.00	6.63	2.81	.75	3.50	1.38	1.63	4.50	2.12	3.25	22.5°	3/8-18	15.81	7.51
AMC-G2-3250-6*	1.50	7.63	3.31											
AMC-G2-3250-8*	2.00	8.63	3.81											
AMC-G2-3250-12*	3.00	10.63	4.81											
AMC-G2-3500-4*	1.00	6.63	2.81	.75	3.75	1.38	1.63	4.50	2.12	3.50	20°	3/8-18	18.48	8.84
AMC-G2-3500-6*	1.50	7.63	3.31											
AMC-G2-3500-8*	2.00	8.63	3.81											
AMC-G2-3500-12*	3.00	10.63	4.81											
AMC-G2-3750-4*	1.00	6.63	2.81	.75	4.00	1.38	1.63	5.00	2.25	3.75	20°	3/8-18	21.30	10.26
AMC-G2-3750-6*	1.50	7.63	3.31											
AMC-G2-3750-8*	2.00	8.63	3.81											
AMC-G2-3750-12*	3.00	10.63	4.81											
AMC-G2-4000-4*	1.00	6.63	2.81	.75	4.25	1.38	1.63	5.00	2.25	4.00	20°	3/8-18	24.35	11.78
AMC-G2-4000-6*	1.50	7.63	3.31											
AMC-G2-4000-8*	2.00	8.63	3.81											
AMC-G2-4000-12*	3.00	10.63	4.81											
AMC-G2-4500-4*	1.00	7.38	3.25	.81	5.00	1.50	1.75	5.50	2.25	4.75	20°	1/2-14	30.58	14.68
AMC-G2-4500-6*	1.50	8.38	3.75											
AMC-G2-4500-8*	2.00	9.38	4.25											
AMC-G2-4500-12*	3.00	11.38	5.25											
AMC-G2-5000-4*	1.00	7.38	3.25	.81	5.50	1.50	1.75	5.50	2.25	5.25	20°	1/2-14	38.04	18.41
AMC-G2-5000-6*	1.50	8.38	3.75											
AMC-G2-5000-8*	2.00	9.38	4.25											
AMC-G2-5000-12*	3.00	11.38	5.25											
AMC-G2-5500-4*	1.00	7.38	3.25	.81	6.00	1.50	1.75	6.00	2.25	5.75	20°	1/2-14	46.29	22.53
AMC-G2-5500-6*	1.50	8.38	3.75											
AMC-G2-5500-8*	2.00	9.38	4.25											
AMC-G2-5500-12*	3.00	11.38	5.25											
AMC-G2-6000-4*	1.00	7.38	3.25	.81	6.50	1.50	1.75	6.00	2.25	6.25	20°	1/2-14	55.32	27.05
AMC-G2-6000-6*	1.50	8.38	3.75											
AMC-G2-6000-8*	2.00	9.38	4.25											
AMC-G2-6000-12*	3.00	11.38	5.25											

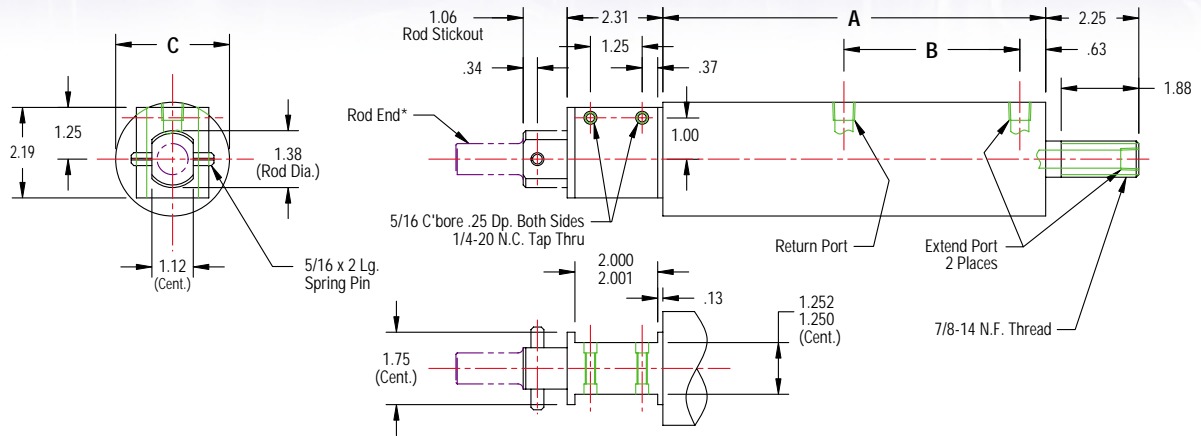
Coding Example	
AMC-G2-3250-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

DUAL PISTON CYLINDERS

Light Duty



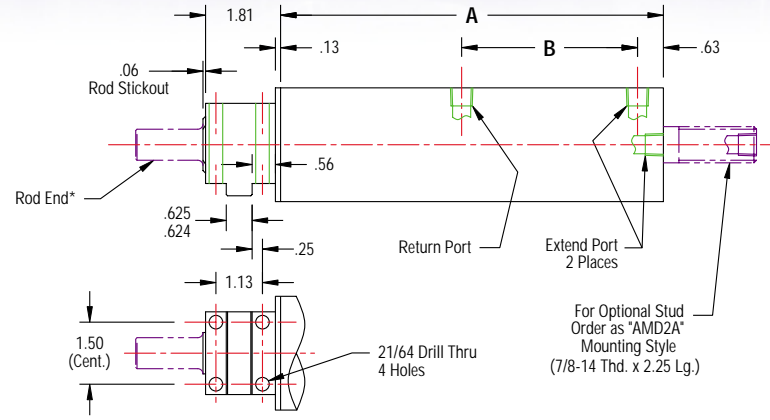
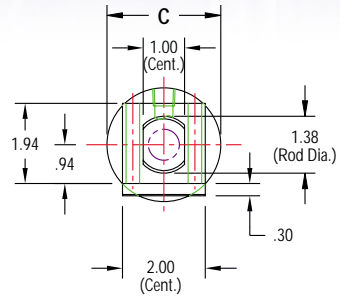
Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AMD-G2-1750-4*-50	1.00	5.25	2.25	2.00	4.36	1.96
AMD-G2-1750-6*-50	1.50	6.25	2.75			
AMD-G2-1750-8*-50	2.00	7.25	3.25			
AMD-G2-1750-12*-50	3.00	9.25	4.25			
AMD-G2-2000-4*-50	1.00	5.25	2.25	2.25	5.84	2.70
AMD-G2-2000-6*-50	1.50	6.25	2.75			
AMD-G2-2000-8*-50	2.00	7.25	3.25			
AMD-G2-2000-12*-50	3.00	9.25	4.25			
AMD-G2-2250-4*-50	1.00	5.25	2.25	2.50	7.50	3.53
AMD-G2-2250-6*-50	1.50	6.25	2.75			
AMD-G2-2250-8*-50	2.00	7.25	3.25			
AMD-G2-2250-12*-50	3.00	9.25	4.25			
AMD-G2-2500-4*-50	1.00	5.25	2.25	2.75	9.37	4.46
AMD-G2-2500-6*-50	1.50	6.25	2.75			
AMD-G2-2500-8*-50	2.00	7.25	3.25			
AMD-G2-2500-12*-50	3.00	9.25	4.25			
AMD-G2-2750-4*-50	1.00	5.25	2.25	3.00	11.43	5.50
AMD-G2-2750-6*-50	1.50	6.25	2.75			
AMD-G2-2750-8*-50	2.00	7.25	3.25			
AMD-G2-2750-12*-50	3.00	9.25	4.25			
AMD-G2-3000-4*-50	1.00	5.25	2.25	3.25	13.60	6.63
AMD-G2-3000-6*-50	1.50	6.25	2.75			
AMD-G2-3000-8*-50	2.00	7.25	3.25			
AMD-G2-3000-12*-50	3.00	9.25	4.25			

Coding Example	
AMD-G2-1750-8 N6-50	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Light Duty



Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AMD2-G2-1750-4*-26	1.00	5.25	2.25	2.00	4.36	1.96
AMD2-G2-1750-6*-26	1.50	6.25	2.75			
AMD2-G2-1750-8*-26	2.00	7.25	3.25			
AMD2-G2-1750-12*-26	3.00	9.25	4.25			
AMD2-G2-2000-4*-26	1.00	5.25	2.25	2.25	5.84	2.70
AMD2-G2-2000-6*-26	1.50	6.25	2.75			
AMD2-G2-2000-8*-26	2.00	7.25	3.25			
AMD2-G2-2000-12*-26	3.00	9.25	4.25			
AMD2-G2-2250-4*-26	1.00	5.25	2.25	2.50	7.50	3.53
AMD2-G2-2250-6*-26	1.50	6.25	2.75			
AMD2-G2-2250-8*-26	2.00	7.25	3.25			
AMD2-G2-2250-12*-26	3.00	9.25	4.25			
AMD2-G2-2500-4*-26	1.00	5.25	2.25	2.75	9.37	4.46
AMD2-G2-2500-6*-26	1.50	6.25	2.75			
AMD2-G2-2500-8*-26	2.00	7.25	3.25			
AMD2-G2-2500-12*-26	3.00	9.25	4.25			
AMD2-G2-2750-4*-26	1.00	5.25	2.25	3.00	11.43	5.50
AMD2-G2-2750-6*-26	1.50	6.25	2.75			
AMD2-G2-2750-8*-26	2.00	7.25	3.25			
AMD2-G2-2750-12*-26	3.00	9.25	4.25			
AMD2-G2-3000-4*-26	1.00	5.25	2.25	3.25	13.60	6.63
AMD2-G2-3000-6*-26	1.50	6.25	2.75			
AMD2-G2-3000-8*-26	2.00	7.25	3.25			
AMD2-G2-3000-12*-26	3.00	9.25	4.25			

Coding Example

AMD2-G2-1750-8 N6-26

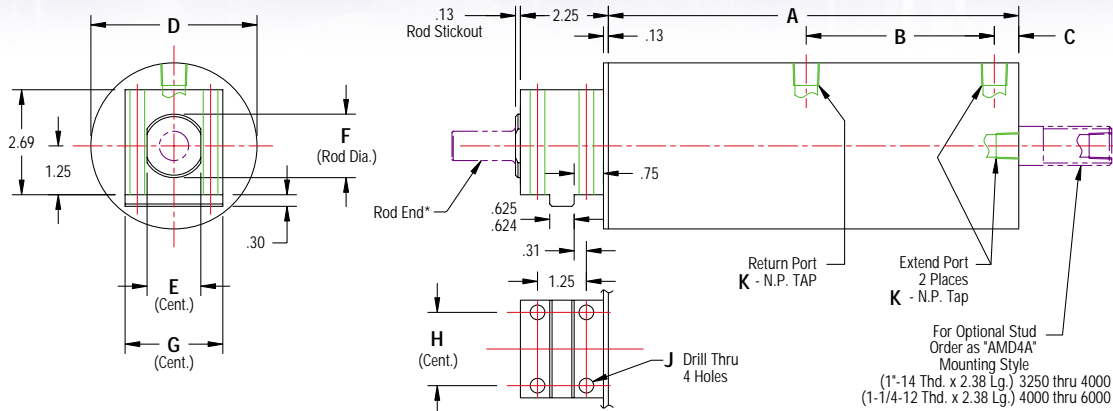
- Rod Stickout
- Rod End Style*
- Stroke in 1/4" Increments
- Bore
- Dual Piston
- Mount Style
- Machining
- American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

DUAL PISTON CYLINDERS

Medium & Heavy Duty



Model No.	Stroke	A	B	C	D	E	F	G	H	J	K	Piston Sq. In. Area		
												Extend	Return	
AMD4-G2-3250-4*-20	1.00	6.50	2.81											
AMD4-G2-3250-6*-20	1.50	7.50	3.31	.75	3.50	1.38	1.63	2.50	1.88	25/64	3/8-18	15.81	7.51	
AMD4-G2-3250-8*-20	2.00	8.50	3.81											
AMD4-G2-3250-12*-20	3.00	10.50	4.81											
AMD4-G2-3500-4*-20	1.00	6.50	2.81											
AMD4-G2-3500-6*-20	1.50	7.50	3.31	.75	3.75	1.38	1.63	2.50	1.88	25/64	3/8-18	18.46	8.84	
AMD4-G2-3500-8*-20	2.00	8.50	3.81											
AMD4-G2-3500-12*-20	3.00	10.50	4.81											
AMD4-G2-3750-4*-20	1.00	6.50	2.81											
AMD4-G2-3750-6*-20	1.50	7.50	3.31	.75	4.00	1.38	1.63	2.50	1.88	25/64	3/8-18	21.30	10.26	
AMD4-G2-3750-8*-20	2.00	8.50	3.81											
AMD4-G2-3750-12*-20	3.00	10.50	4.81											
AMD4-G2-4000-4*-20	1.00	6.50	2.81											
AMD4-G2-4000-6*-20	1.50	7.50	3.31	.75	4.25	1.38	1.63	2.50	1.88	25/64	3/8-18	24.35	11.78	
AMD4-G2-4000-8*-20	2.00	8.50	3.81											
AMD4-G2-4000-12*-20	3.00	10.50	4.81											
AMD4-G2-4500-4*-20	1.00	7.25	3.25											
AMD4-G2-4500-6*-20	1.50	8.25	3.75	.81	5.00	1.50	1.75	3.00	2.12	33/64	1/2-14	30.58	14.68	
AMD4-G2-4500-8*-20	2.00	9.25	4.25											
AMD4-G2-4500-12*-20	3.00	11.25	5.25											
AMD4-G2-5000-4*-20	1.00	7.25	3.25											
AMD4-G2-5000-6*-20	1.50	8.25	3.75	.81	5.50	1.50	1.75	3.00	2.12	33/64	1/2-14	38.04	18.41	
AMD4-G2-5000-8*-20	2.00	9.25	4.25											
AMD4-G2-5000-12*-20	3.00	11.25	5.25											
AMD4-G2-5500-4*-20	1.00	7.25	3.25											
AMD4-G2-5500-6*-20	1.50	8.25	3.75	.81	6.00	1.50	1.75	3.00	2.12	33/64	1/2-14	46.29	22.53	
AMD4-G2-5500-8*-20	2.00	9.25	4.25											
AMD4-G2-5500-12*-20	3.00	11.25	5.25											
AMD4-G2-6000-4*-20	1.00	7.25	3.25											
AMD4-G2-6000-6*-20	1.50	8.25	3.75	.81	6.50	1.50	1.75	3.00	2.12	33/64	1/2-14	55.32	27.05	
AMD4-G2-6000-8*-20	2.00	9.25	4.25											
AMD4-G2-6000-12*-20	3.00	11.25	5.25											

Coding Example

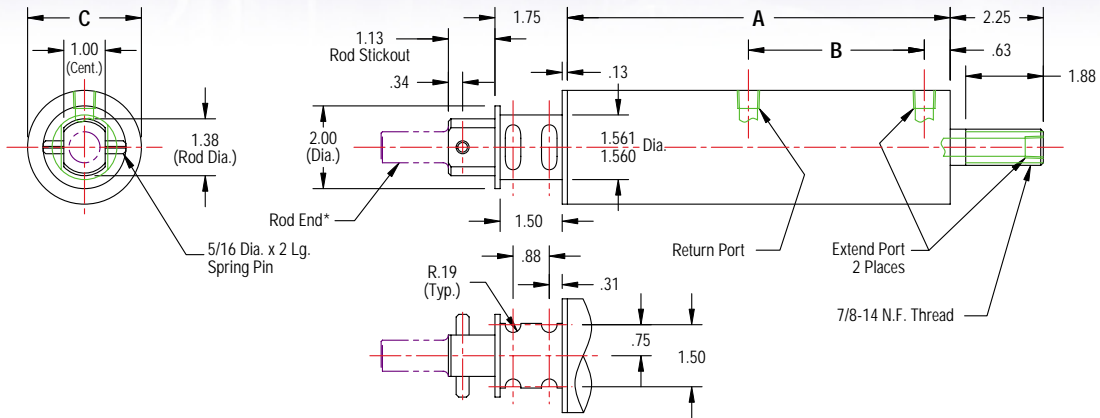
AMD4-G2-3250-8 N6-20

- Rod Stickout
- Rod End Style*
- Stroke in 1/4" Increments
- Bore
- Dual Piston
- Mount Style
- Machining
- American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

Light Duty



Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AME-G2-1750-4*-42	1.00	5.25	2.25	2.00	4.36	1.96
AME-G2-1750-6*-42	1.50	6.25	2.75			
AME-G2-1750-8*-42	2.00	7.25	3.25			
AME-G2-1750-12*-42	3.00	9.25	4.25			
AME-G2-2000-4*-42	1.00	5.25	2.25	2.25	5.84	2.70
AME-G2-2000-6*-42	1.50	6.25	2.75			
AME-G2-2000-8*-42	2.00	7.25	3.25			
AME-G2-2000-12*-42	3.00	9.25	4.25			
AME-G2-2250-4*-42	1.00	5.25	2.25	2.50	7.50	3.53
AME-G2-2250-6*-42	1.50	6.25	2.75			
AME-G2-2250-8*-42	2.00	7.25	3.25			
AME-G2-2250-12*-42	3.00	9.25	4.25			
AME-G2-2500-4*-42	1.00	5.25	2.25	2.75	9.37	4.46
AME-G2-2500-6*-42	1.50	6.25	2.75			
AME-G2-2500-8*-42	2.00	7.25	3.25			
AME-G2-2500-12*-42	3.00	9.25	4.25			
AME-G2-2750-4*-42	1.00	5.25	2.25	3.00	11.43	5.50
AME-G2-2750-6*-42	1.50	6.25	2.75			
AME-G2-2750-8*-42	2.00	7.25	3.25			
AME-G2-2750-12*-42	3.00	9.25	4.25			
AME-G2-3000-4*-42	1.00	5.25	2.25	3.25	13.60	6.63
AME-G2-3000-6*-42	1.50	6.25	2.75			
AME-G2-3000-8*-42	2.00	7.25	3.25			
AME-G2-3000-12*-42	3.00	9.25	4.25			

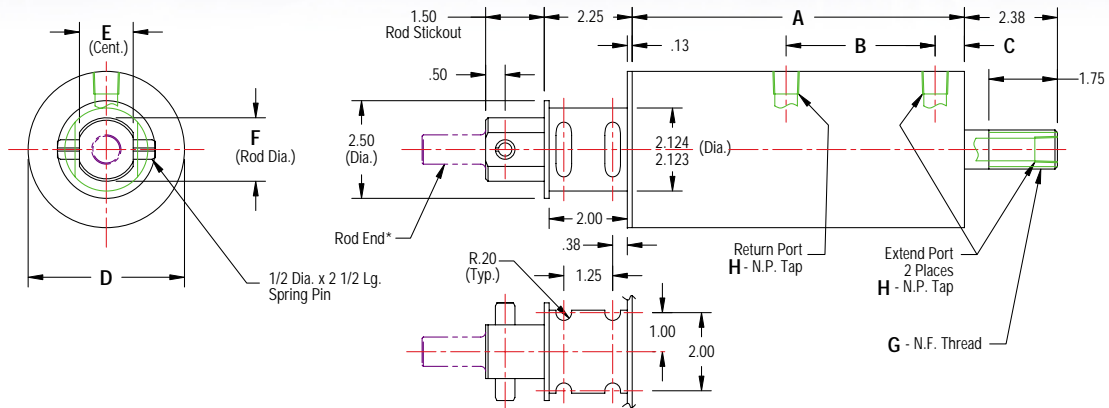
Coding Example	
AME-G2-1750-8 N6-42	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

DUAL PISTON CYLINDERS

Medium & Heavy Duty



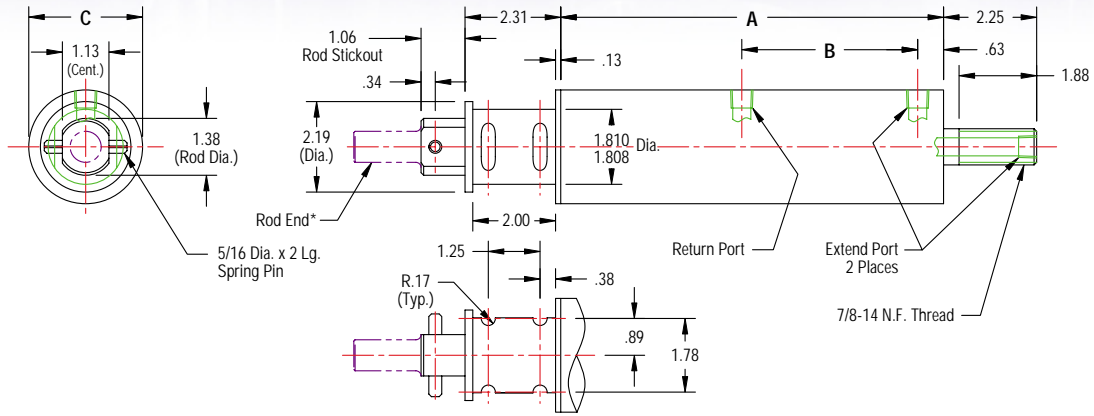
Model No.	Stroke	A	B	C	D	E	F	G	H	Piston Sq. In. Area	
										Extend	Return
AME3-G2-3250-4*-42	1.00	6.50	2.81	.75	3.50	1.38	1.63	1"-14	3/8-18	15.81	7.51
AME3-G2-3250-6*-42	1.50	7.50	3.31								
AME3-G2-3250-8*-42	2.00	8.50	3.81								
AME3-G2-3250-12*-42	3.00	10.50	4.81								
AME3-G2-3500-4*-42	1.00	6.50	2.81	.75	3.75	1.38	1.63	1"-14	3/8-18	18.46	8.84
AME3-G2-3500-6*-42	1.50	7.50	3.31								
AME3-G2-3500-8*-42	2.00	8.50	3.81								
AME3-G2-3500-12*-42	3.00	10.50	4.81								
AME3-G2-3750-4*-42	1.00	6.50	2.81	.75	4.00	1.38	1.63	1"-14	3/8-18	21.30	10.26
AME3-G2-3750-6*-42	1.50	7.50	3.31								
AME3-G2-3750-8*-42	2.00	8.50	3.81								
AME3-G2-3750-12*-42	3.00	10.50	4.81								
AME3-G2-4000-4*-42	1.00	6.50	2.81	.75	4.25	1.38	1.63	1"-14	3/8-18	24.35	11.78
AME3-G2-4000-6*-42	1.50	7.50	3.31								
AME3-G2-4000-8*-42	2.00	8.50	3.81								
AME3-G2-4000-12*-42	3.00	10.50	4.81								
AME3-G2-4500-4*-42	1.00	7.25	3.25	.81	5.00	1.50	1.75	1 1/4-12	1/2-14	30.58	14.68
AME3-G2-4500-6*-42	1.50	8.25	3.75								
AME3-G2-4500-8*-42	2.00	9.25	4.25								
AME3-G2-4500-12*-42	3.00	11.25	5.25								
AME3-G2-5000-4*-42	1.00	7.25	3.25	.81	5.50	1.50	1.75	1 1/4-12	1/2-14	38.04	18.41
AME3-G2-5000-6*-42	1.50	8.25	3.75								
AME3-G2-5000-8*-42	2.00	9.25	4.25								
AME3-G2-5000-12*-42	3.00	11.25	5.25								
AME3-G2-5500-4*-42	1.00	7.25	3.25	.81	6.00	1.50	1.75	1 1/4-12	1/2-14	46.29	22.53
AME3-G2-5500-6*-42	1.50	8.25	3.75								
AME3-G2-5500-8*-42	2.00	9.25	4.25								
AME3-G2-5500-12*-42	3.00	11.25	5.25								
AME3-G2-6000-4*-42	1.00	7.25	3.25	.81	6.50	1.50	1.75	1 1/4-12	1/2-14	55.32	27.05
AME3-G2-6000-6*-42	1.50	8.25	3.75								
AME3-G2-6000-8*-42	2.00	9.25	4.25								
AME3-G2-6000-12*-42	3.00	11.25	5.25								

Coding Example	
AME3-G2-3250-8 N6-42	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

Light Duty



Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AME2-G2-1750-4*-50	1.00	5.25	2.25	2.00	4.36	1.96
AME2-G2-1750-6*-50	1.50	6.25	2.75			
AME2-G2-1750-8*-50	2.00	7.25	3.25			
AME2-G2-1750-12*-50	3.00	9.25	4.25			
AME2-G2-2000-4*-50	1.00	5.25	2.25	2.25	5.84	2.70
AME2-G2-2000-6*-50	1.50	6.25	2.75			
AME2-G2-2000-8*-50	2.00	7.25	3.25			
AME2-G2-2000-12*-50	3.00	9.25	4.25			
AME2-G2-2250-4*-50	1.00	5.25	2.25	2.50	7.50	3.53
AME2-G2-2250-6*-50	1.50	6.25	2.75			
AME2-G2-2250-8*-50	2.00	7.25	3.25			
AME2-G2-2250-12*-50	3.00	9.25	4.25			
AME2-G2-2500-4*-50	1.00	5.25	2.25	2.75	9.37	4.46
AME2-G2-2500-6*-50	1.50	6.25	2.75			
AME2-G2-2500-8*-50	2.00	7.25	3.25			
AME2-G2-2500-12*-50	3.00	9.25	4.25			
AME2-G2-2750-4*-50	1.00	5.25	2.25	3.00	11.43	5.50
AME2-G2-2750-6*-50	1.50	6.25	2.75			
AME2-G2-2750-8*-50	2.00	7.25	3.25			
AME2-G2-2750-12*-50	3.00	9.25	4.25			
AME2-G2-3000-4*-50	1.00	5.25	2.25	3.25	13.60	6.63
AME2-G2-3000-6*-50	1.50	6.25	2.75			
AME2-G2-3000-8*-50	2.00	7.25	3.25			
AME2-G2-3000-12*-50	3.00	9.25	4.25			

Coding Example

AME2-G2-1750-8 N6-50

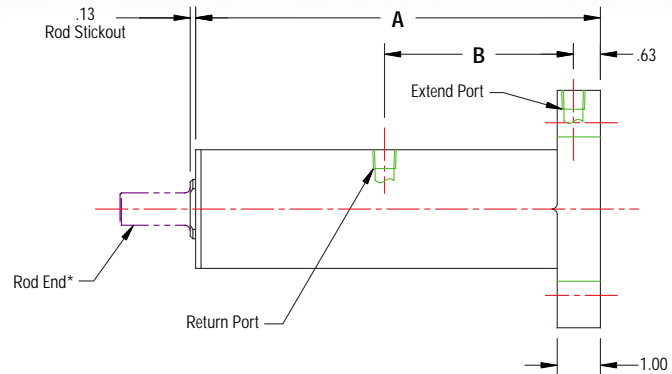
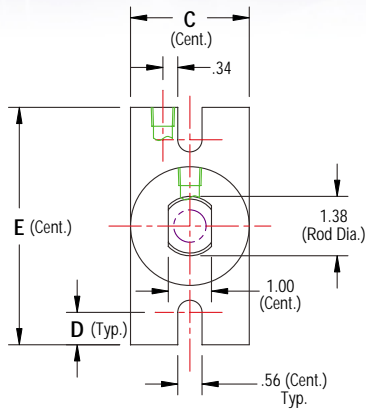
- Rod Stickout
- Rod End Style*
- Stroke in 1/4" Increments
- Bore
- Dual Piston
- Mount Style
- Machining
- American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

DUAL PISTON CYLINDERS

Light Duty



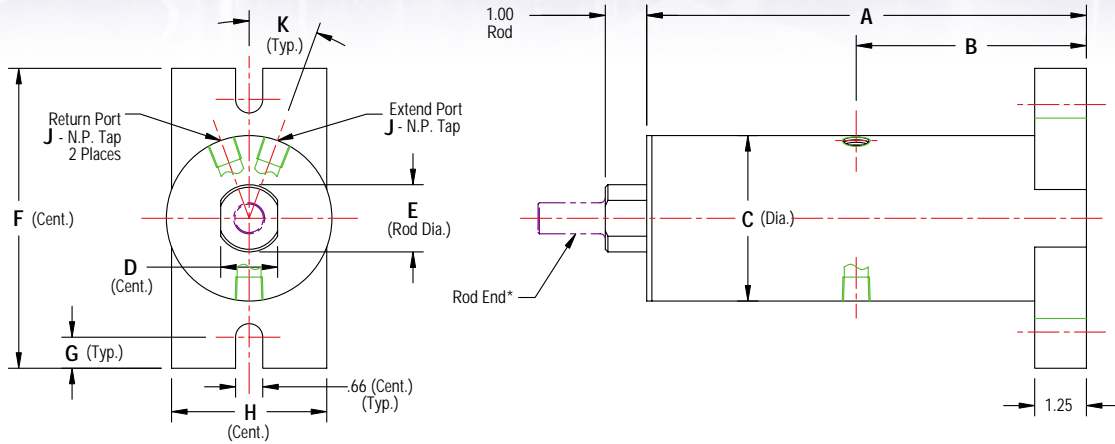
Model No.	Stroke	A	B	C	D	E	Piston Sq. In. Area	
							Extend	Return
AMF-G2-1750-4*	1.00	5.38	2.25	2.00	.50	4.50	4.36	1.96
AMF-G2-1750-6*	1.50	6.38	2.75					
AMF-G2-1750-8*	2.00	7.38	3.25					
AMF-G2-1750-12*	3.00	9.38	4.25					
AMF-G2-2000-4*	1.00	5.38	2.25	2.25	.50	4.50	5.84	2.70
AMF-G2-2000-6*	1.50	6.38	2.75					
AMF-G2-2000-8*	2.00	7.38	3.25					
AMF-G2-2000-12*	3.00	9.38	4.25					
AMF-G2-2250-4*	1.00	5.38	2.25	2.50	.75	5.50	7.50	3.53
AMF-G2-2250-6*	1.50	6.38	2.75					
AMF-G2-2250-8*	2.00	7.38	3.25					
AMF-G2-2250-12*	3.00	9.38	4.25					
AMF-G2-2500-4*	1.00	5.38	2.25	2.75	.75	5.50	9.37	4.46
AMF-G2-2500-6*	1.50	6.38	2.75					
AMF-G2-2500-8*	2.00	7.38	3.25					
AMF-G2-2500-12*	3.00	9.38	4.25					
AMF-G2-2750-4*	1.00	5.38	2.25	3.00	.69	5.75	11.43	5.50
AMF-G2-2750-6*	1.50	6.38	2.75					
AMF-G2-2750-8*	2.00	7.38	3.25					
AMF-G2-2750-12*	3.00	9.38	4.25					
AMF-G2-3000-4*	1.00	5.38	2.25	3.25	.69	5.75	13.60	6.63
AMF-G2-3000-6*	1.50	6.38	2.75					
AMF-G2-3000-8*	2.00	7.38	3.25					
AMF-G2-3000-12*	3.00	9.38	4.25					

Coding Example	
AMF-G2-1750-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
American	

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Medium & Heavy Duty



Model No.	Stroke	A	B	C	D	E	F	G	H	J	K	Piston Sq. In. Area	
												Extend	Return
AMF-G2-3250-4*	1.00	6.63	3.56	3.50	1.38	1.63	6.75	.75	3.25	3/8-18	22.5°	15.81	7.51
AMF-G2-3250-6*	1.50	7.63	4.06										
AMF-G2-3250-8*	2.00	8.63	4.56										
AMF-G2-3250-12*	3.00	10.63	5.56										
AMF-G2-3500-4*	1.00	6.63	3.56	3.75	1.38	1.63	6.75	.75	3.50	3/8-18	20°	18.46	8.84
AMF-G2-3500-6*	1.50	7.63	4.06										
AMF-G2-3500-8*	2.00	8.63	4.56										
AMF-G2-3500-12*	3.00	10.63	5.56										
AMF-G2-3750-4*	1.00	6.63	3.56	4.00	1.38	1.63	7.25	.75	3.75	3/8-18	20°	21.30	10.26
AMF-G2-3750-6*	1.50	7.63	4.06										
AMF-G2-3750-8*	2.00	8.63	4.56										
AMF-G2-3750-12*	3.00	10.63	5.56										
AMF-G2-4000-4*	1.00	6.63	3.56	4.25	1.38	1.63	7.25	.75	4.00	3/8-18	20°	24.35	11.78
AMF-G2-4000-6*	1.50	7.63	4.06										
AMF-G2-4000-8*	2.00	8.63	4.56										
AMF-G2-4000-12*	3.00	10.63	5.56										
AMF-G2-4500-4*	1.00	7.38	4.06	5.00	1.50	1.75	8.00	.63	4.75	1/2-14	20°	30.58	14.68
AMF-G2-4500-6*	1.50	8.38	4.56										
AMF-G2-4500-8*	2.00	9.38	5.06										
AMF-G2-4500-12*	3.00	11.38	6.06										
AMF-G2-5000-4*	1.00	7.38	4.06	5.50	1.50	1.75	8.00	.63	5.25	1/2-14	20°	38.04	18.41
AMF-G2-5000-6*	1.50	8.38	4.56										
AMF-G2-5000-8*	2.00	9.38	5.06										
AMF-G2-5000-12*	3.00	11.38	6.06										
AMF-G2-5500-4*	1.00	7.38	4.06	6.00	1.50	.175	9.00	.63	5.75	1/2-14	20°	46.29	22.53
AMF-G2-5500-6*	1.50	8.38	4.56										
AMF-G2-5500-8*	2.00	9.38	5.06										
AMF-G2-5500-12*	3.00	11.38	6.06										
AMF-G2-6000-4*	1.00	7.38	4.06	6.50	1.50	1.75	9.00	.63	6.25	1/2-14	20°	55.32	27.05
AMF-G2-6000-6*	1.50	8.38	4.56										
AMF-G2-6000-8*	2.00	9.38	5.06										
AMF-G2-6000-12*	3.00	11.38	6.06										

Coding Example

AMF-G2-3250-8 N6

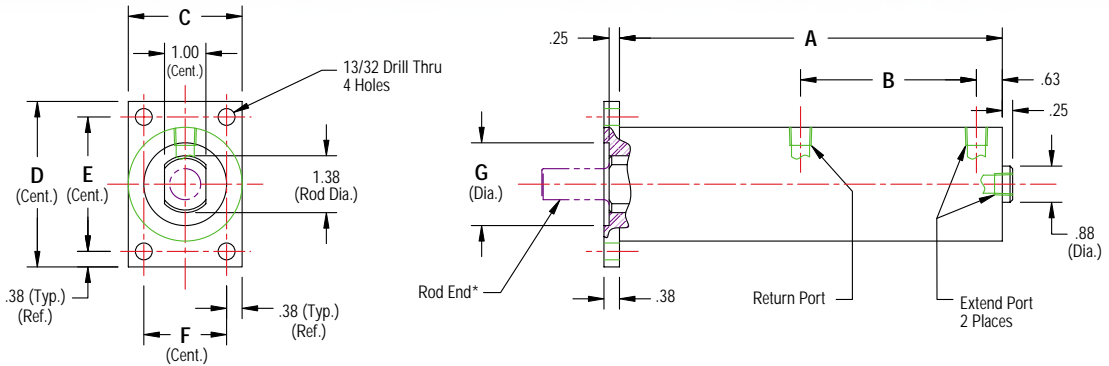
- Rod End Style*
- Stroke in 1/4" Increments
- Bore
- Dual Piston
- Mount Style
- Machining
- American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

DUAL PISTON CYLINDERS

Light Duty



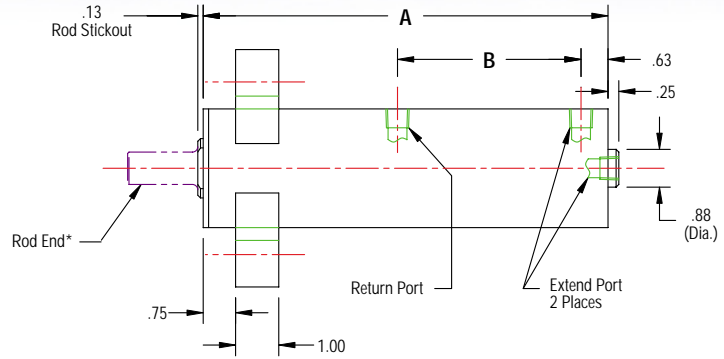
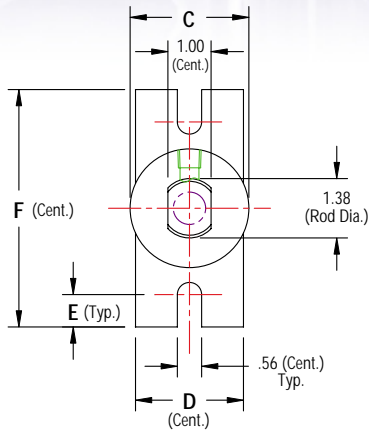
Model No.	Stroke	A	B	C	D	E	F	G	Piston Sq. In. Area	
									Extend	Return
AMH3-G2-1750-4*	1.00	5.25	2.25	2.00	3.25	2.50	1.25	1.56	4.36	1.96
AMH3-G2-1750-6*	1.50	6.25	2.75							
AMH3-G2-1750-8*	2.00	7.25	3.25							
AMH3-G2-1750-12*	3.00	9.25	4.25							
AMH3-G2-2000-4*	1.00	5.25	2.25	2.25	3.50	2.75	1.50	2.00	5.84	2.70
AMH3-G2-2000-6*	1.50	6.25	2.75							
AMH3-G2-2000-8*	2.00	7.25	3.25							
AMH3-G2-2000-12*	3.00	9.25	4.25							
AMH3-G2-2250-4*	1.00	5.25	2.25	2.50	3.75	3.00	1.75	2.00	7.50	3.53
AMH3-G2-2250-6*	1.50	6.25	2.75							
AMH3-G2-2250-8*	2.00	7.25	3.25							
AMH3-G2-2250-12*	3.00	9.25	4.25							
AMH3-G2-2500-4*	1.00	5.25	2.25	2.75	4.00	3.25	2.00	2.00	9.37	4.46
AMH3-G2-2500-6*	1.50	6.25	2.75							
AMH3-G2-2500-8*	2.00	7.25	3.25							
AMH3-G2-2500-12*	3.00	9.25	4.25							
AMH3-G2-2750-4*	1.00	5.25	2.25	3.00	4.25	3.50	2.25	2.00	11.43	5.50
AMH3-G2-2750-6*	1.50	6.25	2.75							
AMH3-G2-2750-8*	2.00	7.25	3.25							
AMH3-G2-2750-12*	3.00	9.25	4.25							
AMH3-G2-3000-4*	1.00	5.25	2.25	3.25	4.50	3.75	2.50	2.00	13.60	6.63
AMH3-G2-3000-6*	1.50	6.25	2.75							
AMH3-G2-3000-8*	2.00	7.25	3.25							
AMH3-G2-3000-12*	3.00	9.25	4.25							

Coding Example	
AMH3-G2-1750-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Light Duty



Model No.	Stroke	A	B	C	D	E	F	Piston Sq. In. Area	
								Extend	Return
AMJ3/4-G2-1750-4*	1.00	5.38	2.25	2.00	1.75	.50	4.50	4.36	1.96
AMJ3/4-G2-1750-6*	1.50	6.38	2.75						
AMJ3/4-G2-1750-8*	2.00	7.38	3.25						
AMJ3/4-G2-1750-12*	3.00	9.38	4.25						
AMJ3/4-G2-2000-4*	1.00	5.38	2.25	2.25	2.00	.50	4.50	5.84	2.70
AMJ3/4-G2-2000-6*	1.50	6.38	2.75						
AMJ3/4-G2-2000-8*	2.00	7.38	3.25						
AMJ3/4-G2-2000-12*	3.00	9.38	4.25						
AMJ3/4-G2-2250-4*	1.00	5.38	2.25	2.50	2.25	.75	5.50	7.50	3.53
AMJ3/4-G2-2250-6*	1.50	6.38	2.75						
AMJ3/4-G2-2250-8*	2.00	7.38	3.25						
AMJ3/4-G2-2250-12*	3.00	9.38	4.25						
AMJ3/4-G2-2500-4*	1.00	5.38	2.25	2.75	2.50	.75	5.50	9.37	4.46
AMJ3/4-G2-2500-6*	1.50	6.38	2.75						
AMJ3/4-G2-2500-8*	2.00	7.38	3.25						
AMJ3/4-G2-2500-12*	3.00	9.38	4.25						
AMJ3/4-G2-2750-4*	1.00	5.38	2.25	3.00	2.75	.69	5.75	11.43	5.50
AMJ3/4-G2-2750-6*	1.50	6.38	2.75						
AMJ3/4-G2-2750-8*	2.00	7.38	3.25						
AMJ3/4-G2-2750-12*	3.00	9.38	4.25						
AMJ3/4-G2-3000-4*	1.00	5.38	2.25	3.25	3.00	.62	5.75	13.60	6.93
AMJ3/4-G2-3000-6*	1.50	6.38	2.75						
AMJ3/4-G2-3000-8*	2.00	7.38	3.25						
AMJ3/4-G2-3000-12*	3.00	9.38	4.25						

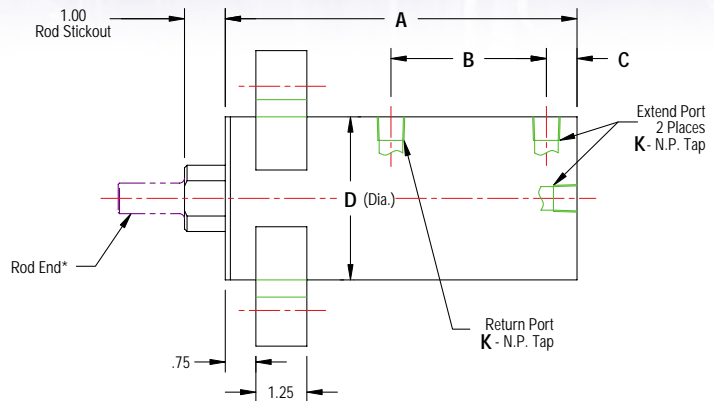
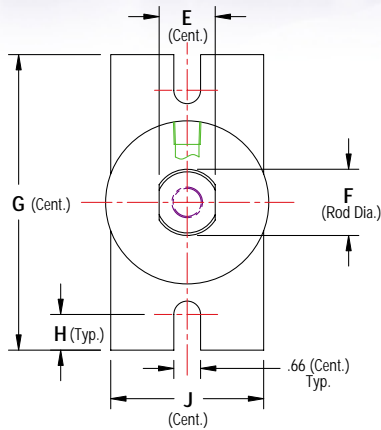
Coding Example	
AMJ3/4-G2-1750-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

DUAL PISTON CYLINDERS

Medium & Heavy Duty



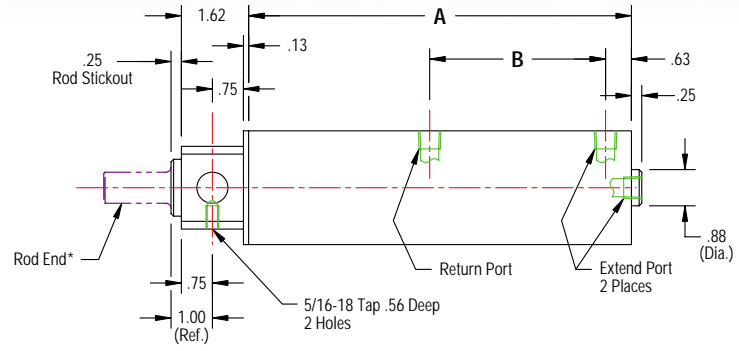
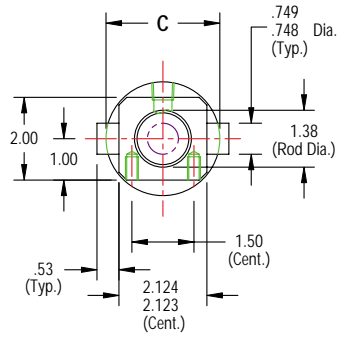
Model No.	Stroke	A	B	C	D	E	F	G	H	J	K	Piston Sq. In. Area		
												Extend	Return	
AMJ3/4-G2-3250-4*	1.00	6.63	2.81											
AMJ3/4-G2-3250-6*	1.50	7.63	3.31											
AMJ3/4-G2-3250-8*	2.00	8.63	3.81	.75	3.50	1.38	1.63	6.75	.75	3.25	3/8-18	15.81	7.51	
AMJ3/4-G2-3250-12*	3.00	10.63	4.81											
AMJ3/4-G2-3500-4*	1.00	6.63	2.81											
AMJ3/4-G2-3500-6*	1.50	7.63	3.31											
AMJ3/4-G2-3500-8*	2.00	8.63	3.81	.75	3.75	1.38	1.63	6.75	.75	3.50	3/8-18	18.46	8.84	
AMJ3/4-G2-3500-12*	3.00	10.63	4.81											
AMJ3/4-G2-3750-4*	1.00	6.63	2.81											
AMJ3/4-G2-3750-6*	1.50	7.63	3.31											
AMJ3/4-G2-3750-8*	2.00	8.63	3.81	.75	4.00	1.38	1.63	7.25	.75	3.75	3/8-18	21.30	10.26	
AMJ3/4-G2-3750-12*	3.00	10.63	4.81											
AMJ3/4-G2-4000-4*	1.00	6.63	2.81											
AMJ3/4-G2-4000-6*	1.50	7.63	3.31											
AMJ3/4-G2-4000-8*	2.00	8.63	3.81	.75	4.25	1.38	1.63	7.25	.75	4.00	3/8-18	24.35	11.78	
AMJ3/4-G2-4000-12*	3.00	10.63	4.81											
AMJ3/4-G2-4500-4*	1.00	7.38	3.25											
AMJ3/4-G2-4500-6*	1.50	8.38	3.75											
AMJ3/4-G2-4500-8*	2.00	9.38	4.25	.81	5.00	1.50	1.75	8.00	.63	4.75	1/2-14	30.58	14.68	
AMJ3/4-G2-4500-12*	3.00	11.38	5.25											
AMJ3/4-G2-5000-4*	1.00	7.38	3.25											
AMJ3/4-G2-5000-6*	1.50	8.38	3.75											
AMJ3/4-G2-5000-8*	2.00	9.38	4.25	.81	5.50	1.50	1.75	8.00	.63	5.25	1/2-14	38.04	18.41	
AMJ3/4-G2-5000-12*	3.00	11.38	5.25											
AMJ3/4-G2-5500-4*	1.00	7.38	3.25											
AMJ3/4-G2-5500-6*	1.50	8.38	3.75											
AMJ3/4-G2-5500-8*	2.00	9.38	4.25	.81	6.00	1.50	1.75	9.00	.63	5.75	1/2-14	46.29	22.53	
AMJ3/4-G2-5500-12*	3.00	11.38	5.25											
AMJ3/4-G2-6000-4*	1.00	7.38	3.25											
AMJ3/4-G2-6000-6*	1.50	8.38	3.75											
AMJ3/4-G2-6000-8*	2.00	9.38	4.25	.81	6.50	1.50	1.75	9.00	.63	6.25	1/2-14	55.32	27.05	
AMJ3/4-G2-6000-12*	3.00	11.38	5.25											

Coding Example	
AMJ3/4-G2-3250-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

Light Duty



Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AMT1-G2-1750-4*-26-R	1.00	5.25	2.25	2.00	4.36	1.96
AMT1-G2-1750-6*-26-R	1.50	6.25	2.75			
AMT1-G2-1750-8*-26-R	2.00	7.25	3.25			
AMT1-G2-1750-12*-26-R	3.00	9.25	4.25			
AMT1-G2-2000-4*-26-R	1.00	5.25	2.25	2.25	5.84	2.70
AMT1-G2-2000-6*-26-R	1.50	6.25	2.75			
AMT1-G2-2000-8*-26-R	2.00	7.25	3.25			
AMT1-G2-2000-12*-26-R	3.00	9.25	4.25			
AMT1-G2-2250-4*-26-R	1.00	5.25	2.25	2.50	7.50	3.53
AMT1-G2-2250-6*-26-R	1.50	6.25	2.75			
AMT1-G2-2250-8*-26-R	2.00	7.25	3.25			
AMT1-G2-2250-12*-26-R	3.00	9.25	4.25			
AMT1-G2-2500-4*-26-R	1.00	5.25	2.25	2.75	9.37	4.46
AMT1-G2-2500-6*-26-R	1.50	6.25	2.75			
AMT1-G2-2500-8*-26-R	2.00	7.25	3.25			
AMT1-G2-2500-12*-26-R	3.00	9.25	4.25			
AMT1-G2-2750-4*-26-R	1.00	5.25	2.25	3.00	11.43	5.50
AMT1-G2-2750-6*-26-R	1.50	6.25	2.75			
AMT1-G2-2750-8*-26-R	2.00	7.25	3.25			
AMT1-G2-2750-12*-26-R	3.00	9.25	4.25			
AMT1-G2-3000-4*-26-R	1.00	5.25	2.25	3.25	13.60	6.63
AMT1-G2-3000-6*-26-R	1.50	6.25	2.75			
AMT1-G2-3000-8*-26-R	2.00	7.25	3.25			
AMT1-G2-3000-12*-26-R	3.00	9.25	4.25			

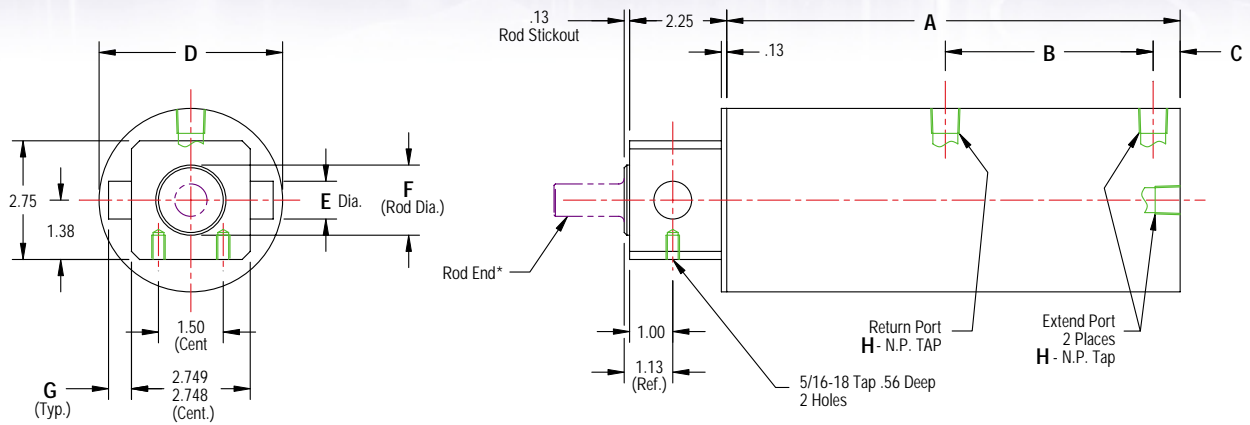
Coding Example	
AMT1-G2-1750-8 N6-26-R	Round Rod
	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

DUAL PISTON CYLINDERS

Medium & Heavy Duty

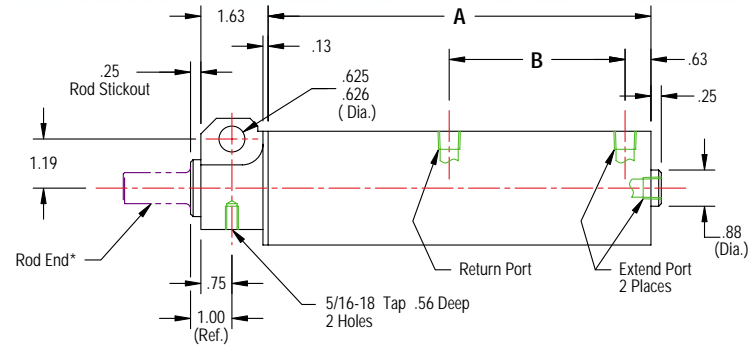
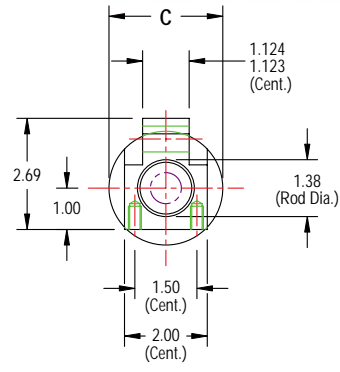


Model No.	Stroke	A	B	C	D	E	F	G	H	Piston Sq. In. Area	
										Extend	Return
AMT1-G2-3250-4*-20-R	1.00	6.50	2.81	.75	3.50	.874/.873	1.63	.53	3/8-18	15.81	7.51
AMT1-G2-3250-6*-20-R	1.50	7.50	3.31								
AMT1-G2-3250-8*-20-R	2.00	8.50	3.81								
AMT1-G2-3250-12*-20-R	3.00	10.50	4.81								
AMT1-G2-3500-4*-20-R	1.00	6.50	2.81	.75	3.75	.874/.873	1.63	.53	3/8-18	18.46	8.84
AMT1-G2-3500-6*-20-R	1.50	7.50	3.31								
AMT1-G2-3500-8*-20-R	2.00	8.50	3.81								
AMT1-G2-3500-12*-20-R	3.00	10.50	4.81								
AMT1-G2-3750-4*-20-R	1.00	6.50	2.81	.75	4.00	.874/.873	1.63	.53	3/8-18	21.30	10.26
AMT1-G2-3750-6*-20-R	1.50	7.50	3.31								
AMT1-G2-3750-8*-20-R	2.00	8.50	3.81								
AMT1-G2-3750-12*-20-R	3.00	10.50	4.81								
AMT1-G2-4000-4*-20-R	1.00	6.50	2.81	.75	4.25	.874/.873	1.63	.53	3/8-18	24.35	11.78
AMT1-G2-4000-6*-20-R	1.50	7.50	3.31								
AMT1-G2-4000-8*-20-R	2.00	8.50	3.81								
AMT1-G2-4000-12*-20-R	3.00	10.50	4.81								
AMT1-G2-4500-4*-20-R	1.00	7.25	3.25	.81	5.00	.999/.998	1.75	.66	1/2-14	30.58	14.68
AMT1-G2-4500-6*-20-R	1.50	8.25	3.75								
AMT1-G2-4500-8*-20-R	2.00	9.25	4.25								
AMT1-G2-4500-12*-20-R	3.00	11.25	5.25								
AMT1-G2-5000-4*-20-R	1.00	7.25	3.25	.81	5.50	.999/.998	1.75	.66	1/2-14	38.04	18.41
AMT1-G2-5000-6*-20-R	1.50	8.25	3.75								
AMT1-G2-5000-8*-20-R	2.00	9.25	4.25								
AMT1-G2-5000-12*-20-R	3.00	11.25	5.25								
AMT1-G2-5500-4*-20-R	1.00	7.25	3.25	.81	6.00	.999/.998	1.75	.66	1/2-14	46.29	22.53
AMT1-G2-5500-6*-20-R	1.50	8.25	3.75								
AMT1-G2-5500-8*-20-R	2.00	9.25	4.25								
AMT1-G2-5500-12*-20-R	3.00	11.25	5.25								
AMT1-G2-6000-4*-20-R	1.00	7.25	3.25	.81	6.50	.999/.998	1.75	.66	1/2-14	55.32	27.05
AMT1-G2-6000-6*-20-R	1.50	8.25	3.75								
AMT1-G2-6000-8*-20-R	2.00	9.25	4.25								
AMT1-G2-6000-12*-20-R	3.00	11.25	5.25								

Coding Example	
AMT1-G2-3250-8 N6-20-R	Round Rod
	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.



Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AMT2-G2-1750-4*-26-R	1.00	5.25	2.25	2.00	4.36	1.96
AMT2-G2-1750-6*-26-R	1.50	6.25	2.75			
AMT2-G2-1750-8*-26-R	2.00	7.25	3.25			
AMT2-G2-1750-12*-26-R	3.00	9.25	4.25			
AMT2-G2-2000-4*-26-R	1.00	5.25	2.25	2.25	5.84	2.70
AMT2-G2-2000-6*-26-R	1.50	6.25	2.75			
AMT2-G2-2000-8*-26-R	2.00	7.25	3.25			
AMT2-G2-2000-12*-26-R	3.00	9.25	4.25			
AMT2-G2-2250-4*-26-R	1.00	5.25	2.25	2.50	7.50	3.53
AMT2-G2-2250-6*-26-R	1.50	6.25	2.75			
AMT2-G2-2250-8*-26-R	2.00	7.25	3.25			
AMT2-G2-2250-12*-26-R	3.00	9.25	4.25			
AMT2-G2-2500-4*-26-R	1.00	5.25	2.25	2.75	9.37	4.46
AMT2-G2-2500-6*-26-R	1.50	6.25	2.75			
AMT2-G2-2500-8*-26-R	2.00	7.25	3.25			
AMT2-G2-2500-12*-26-R	3.00	9.25	4.25			
AMT2-G2-2750-4*-26-R	1.00	5.25	2.25	3.00	11.43	5.50
AMT2-G2-2750-6*-26-R	1.50	6.25	2.75			
AMT2-G2-2750-8*-26-R	2.00	7.25	3.25			
AMT2-G2-2750-12*-26-R	3.00	9.25	4.25			
AMT2-G2-3000-4*-26-R	1.00	5.25	2.25	3.25	13.60	6.63
AMT2-G2-3000-6*-26-R	1.50	6.25	2.75			
AMT2-G2-3000-8*-26-R	2.00	7.25	3.25			
AMT2-G2-3000-12*-26-R	3.00	9.25	4.25			

Coding Example	
AMT2-G2-1750-8 N6-26-R	Round Rod
	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Dual Piston
	Mount Style
	Machining
	American

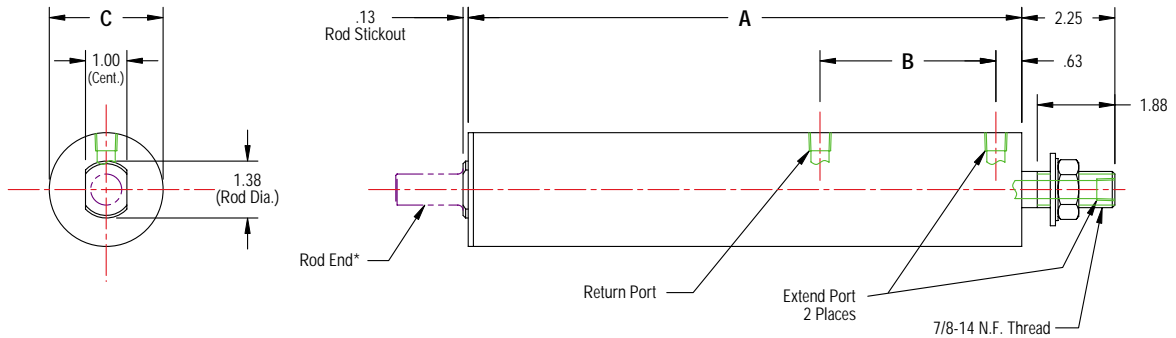
Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.00" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

TRIPLE PISTON CYLINDERS



Light Duty



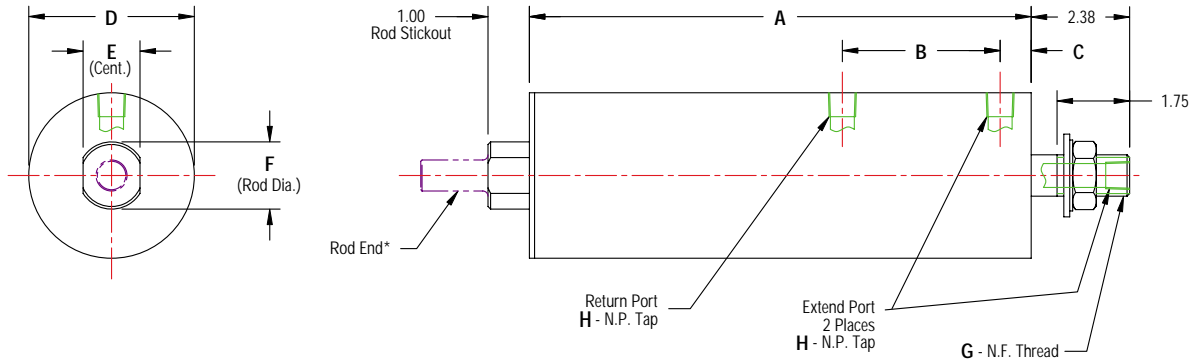
Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AMA-G3-1750-4*	1.00	7.38	2.25	2.00	6.20	1.96
AMA-G3-1750-6*	1.50	8.88	2.75			
AMA-G3-1750-8*	2.00	10.38	3.25			
AMA-G3-1750-12*	3.00	13.38	4.25			
AMA-G3-2000-4*	1.00	7.38	2.25	2.25	8.40	2.70
AMA-G3-2000-6*	1.50	8.88	2.75			
AMA-G3-2000-8*	2.00	10.38	3.25			
AMA-G3-2000-12*	3.00	13.38	4.25			
AMA-G3-2250-4*	1.00	7.38	2.25	2.50	10.87	3.53
AMA-G3-2250-6*	1.50	8.88	2.75			
AMA-G3-2250-8*	2.00	10.38	3.25			
AMA-G3-2250-12*	3.00	13.38	4.25			
AMA-G3-2500-4*	1.00	7.38	2.25	2.75	13.70	4.46
AMA-G3-2500-6*	1.50	8.88	2.75			
AMA-G3-2500-8*	2.00	10.38	3.25			
AMA-G3-2500-12*	3.00	13.38	4.25			
AMA-G3-2750-4*	1.00	7.38	2.25	3.00	16.80	5.50
AMA-G3-2750-6*	1.50	8.88	2.75			
AMA-G3-2750-8*	2.00	10.38	3.25			
AMA-G3-2750-12*	3.00	13.38	4.25			
AMA-G3-3000-4*	1.00	7.38	2.25	3.25	20.10	6.63
AMA-G3-3000-6*	1.50	8.88	2.75			
AMA-G3-3000-8*	2.00	10.38	3.25			
AMA-G3-3000-12*	3.00	13.38	4.25			

Coding Example	
AMA-G3-1750-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Medium & Heavy Duty



Model No.	Stroke	A	B	C	D	E	F	G	H	Piston Sq. In. Area	
										Extend	Return
AMA-E3-3250-4*	1.00	9.13	2.81	.75	3.50	1.38	1.63	1"-14	3/8-18	22.99	7.51
AMA-E3-3250-6*	1.50	10.63	3.31								
AMA-E3-3250-8*	2.00	12.13	3.81								
AMA-E3-3250-12*	3.00	15.13	4.81								
AMA-E3-3500-4*	1.00	9.13	2.81	.75	3.75	1.38	1.63	1"-14	3/8-18	26.97	8.84
AMA-E3-3500-6*	1.50	10.63	3.31								
AMA-E3-3500-8*	2.00	12.13	3.81								
AMA-E3-3500-12*	3.00	15.13	4.81								
AMA-E3-3750-4*	1.00	9.13	2.81	.75	4.00	1.38	1.63	1"-14	3/8-18	31.24	10.26
AMA-E3-3750-6*	1.50	10.63	3.31								
AMA-E3-3750-8*	2.00	12.13	3.81								
AMA-E3-3750-12*	3.00	15.13	4.81								
AMA-E3-4000-4*	1.00	9.13	2.81	.75	4.25	1.38	1.63	1"-14	3/8-18	35.81	11.78
AMA-E3-4000-6*	1.50	10.63	3.31								
AMA-E3-4000-8*	2.00	12.13	3.81								
AMA-E3-4000-12*	3.00	15.13	4.81								
AMA-E3-4500-4*	1.00	10.13	3.25	.81	5.00	1.50	1.75	1 1/4-12	1/2-14	44.86	14.68
AMA-E3-4500-6*	1.50	11.63	3.75								
AMA-E3-4500-8*	2.00	13.13	4.25								
AMA-E3-4500-12*	3.00	16.13	5.25								
AMA-E3-5000-4*	1.00	10.13	3.25	.81	5.50	1.50	1.75	1 1/4-12	1/2-14	56.05	18.41
AMA-E3-5000-6*	1.50	11.63	3.75								
AMA-E3-5000-8*	2.00	13.13	4.25								
AMA-E3-5000-12*	3.00	16.13	5.25								
AMA-E3-5500-4*	1.00	10.13	3.25	.81	6.00	1.50	1.75	1 1/4-12	1/2-14	68.42	22.53
AMA-E3-5500-6*	1.50	11.63	3.75								
AMA-E3-5500-8*	2.00	13.13	4.25								
AMA-E3-5500-12*	3.00	16.13	5.25								
AMA-E3-6000-4*	1.00	10.13	3.25	.81	6.50	1.50	1.75	1 1/4-12	1/2-14	81.97	27.05
AMA-E3-6000-6*	1.50	11.63	3.75								
AMA-E3-6000-8*	2.00	13.13	4.25								
AMA-E3-6000-12*	3.00	16.13	5.25								

Coding Example

AMA-E3-3250-8 N6

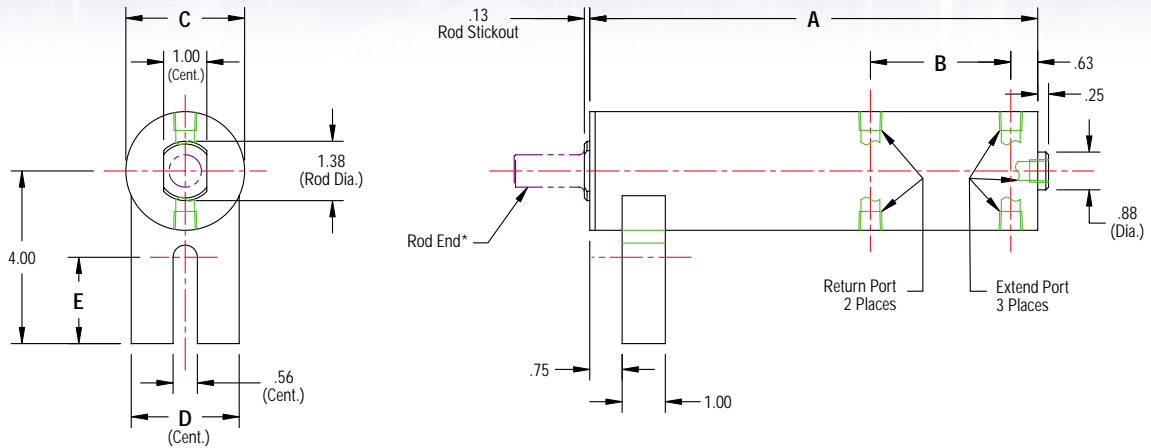
- Rod End Style*
- Stroke in 1/4" Increments
- Bore
- Triple Piston
- Mount Style
- Machining
- American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

TRIPLE PISTON CYLINDERS

Light Duty



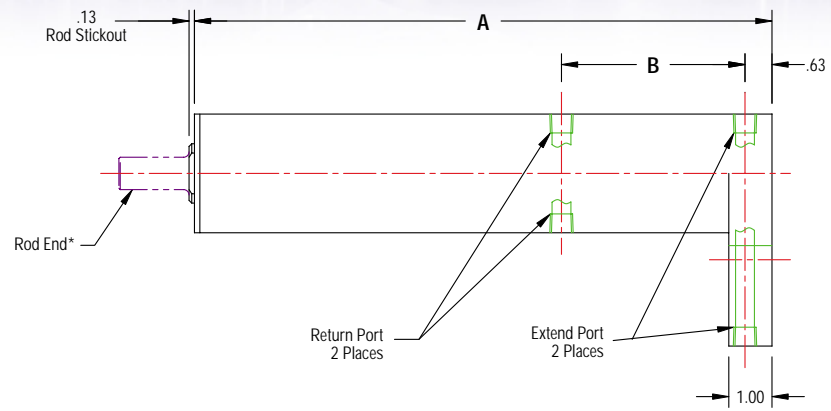
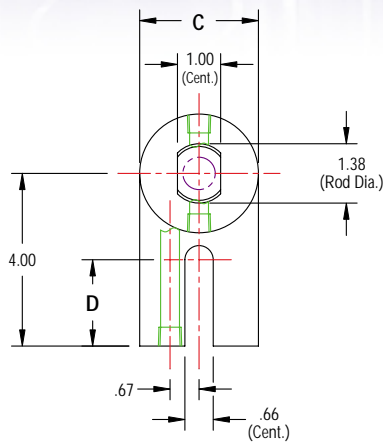
Model No.	Stroke	A	B	C	D	E	Piston Sq. In. Area	
							Extend	Return
AMB3/4-G3-1750-4*	1.00	7.38	2.25	2.00	1.75	2.25	6.20	1.96
AMB3/4-G3-1750-6*	1.50	8.88	2.75					
AMB3/4-G3-1750-8*	2.00	10.38	3.25					
AMB3/4-G3-1750-12*	3.00	13.38	4.25					
AMB3/4-G3-2000-4*	1.00	7.38	2.25	2.25	2.00	2.25	8.40	2.70
AMB3/4-G3-2000-6*	1.50	8.88	2.75					
AMB3/4-G3-2000-8*	2.00	10.38	3.25					
AMB3/4-G3-2000-12*	3.00	13.38	4.25					
AMB3/4-G3-2250-4*	1.00	7.38	2.25	2.50	2.25	2.25	10.87	3.53
AMB3/4-G3-2250-6*	1.50	8.88	2.75					
AMB3/4-G3-2250-8*	2.00	10.38	3.25					
AMB3/4-G3-2250-12*	3.00	13.38	4.25					
AMB3/4-G3-2500-4*	1.00	7.38	2.25	2.75	2.50	2.00	13.70	4.46
AMB3/4-G3-2500-6*	1.50	8.88	2.75					
AMB3/4-G3-2500-8*	2.00	10.38	3.25					
AMB3/4-G3-2500-12*	3.00	13.38	4.25					
AMB3/4-G3-2750-4*	1.00	7.38	2.25	3.00	2.75	1.88	16.80	5.50
AMB3/4-G3-2750-6*	1.50	8.88	2.75					
AMB3/4-G3-2750-8*	2.00	10.38	3.25					
AMB3/4-G3-2750-12*	3.00	13.38	4.25					
AMB3/4-G3-3000-4*	1.00	7.38	2.25	3.25	3.00	1.75	20.10	6.63
AMB3/4-G3-3000-6*	1.50	8.88	2.75					
AMB3/4-G3-3000-8*	2.00	10.38	3.25					
AMB3/4-G3-3000-12*	3.00	13.38	4.25					

Coding Example	
AMB3/4-G3-1750-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Light Duty



Model No.	Stroke	A	B	C	D	Piston Sq. In. Area	
						Extend	Return
AMC-G3-1750-4*	1.00	7.38	2.25	2.00	2.25	6.20	1.96
AMC-G3-1750-6*	1.50	8.88	2.75				
AMC-G3-1750-8*	2.00	10.38	3.25				
AMC-G3-1750-12*	3.00	13.38	4.25				
AMC-G3-2000-4*	1.00	7.38	2.25	2.25	2.25	8.40	2.70
AMC-G3-2000-6*	1.50	8.88	2.75				
AMC-G3-2000-8*	2.00	10.38	3.25				
AMC-G3-2000-12*	3.00	13.38	4.25				
AMC-G3-2250-4*	1.00	7.38	2.25	2.50	2.25	10.87	3.53
AMC-G3-2250-6*	1.50	8.88	2.75				
AMC-G3-2250-8*	2.00	10.38	3.25				
AMC-G3-2250-12*	3.00	13.38	4.25				
AMC-G3-2500-4*	1.00	7.38	2.25	2.75	2.00	13.70	4.46
AMC-G3-2500-6*	1.50	8.88	2.75				
AMC-G3-2500-8*	2.00	10.38	3.25				
AMC-G3-2500-12*	3.00	13.38	4.25				
AMC-G3-2750-4*	1.00	7.38	2.25	3.00	1.88	16.80	5.50
AMC-G3-2750-6*	1.50	8.88	2.75				
AMC-G3-2750-8*	2.00	10.38	3.25				
AMC-G3-2750-12*	3.00	13.38	4.25				
AMC-G3-3000-4*	1.00	7.38	2.25	3.25	1.75	20.10	6.63
AMC-G3-3000-6*	1.50	8.88	2.75				
AMC-G3-3000-8*	2.00	10.38	3.25				
AMC-G3-3000-12*	3.00	13.38	4.25				

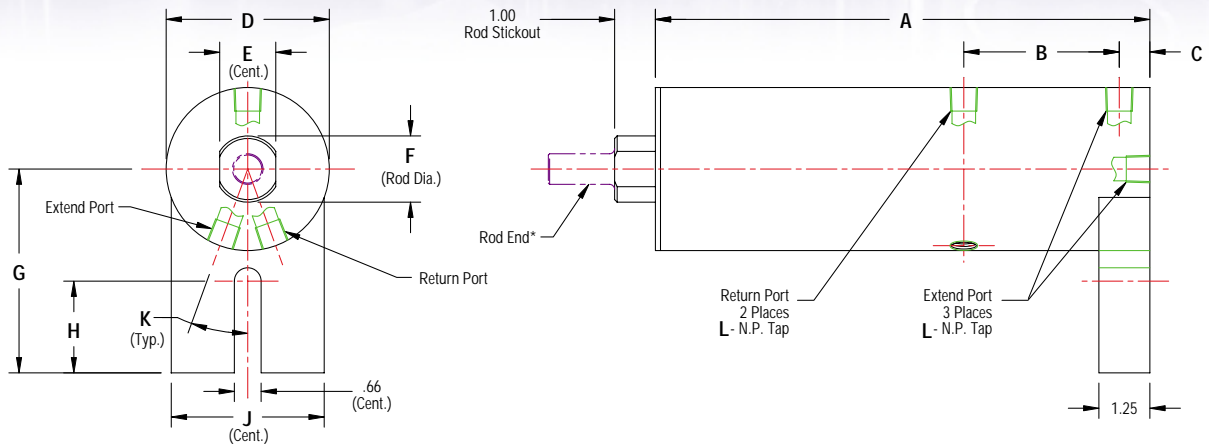
Coding Example	
AMC-G3-1750-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

TRIPLE PISTON CYLINDERS

Medium & Heavy Duty



Model No.	Stroke	A	B	C	D	E	F	G	H	J	K	L	Piston Sq. In. Area	
													Extend	Return
AMC-E3-3250-4*	1.00	9.13	2.81	.75	3.50	1.38	1.63	4.50	2.12	3.25	22.5°	3/8-18	22.99	7.51
AMC-E3-3250-6*	1.50	10.63	3.31											
AMC-E3-3250-8*	2.00	12.13	3.81											
AMC-E3-3250-12*	3.00	15.13	4.81											
AMC-E3-3500-4*	1.00	9.13	2.81	.75	3.75	1.38	1.63	4.50	2.12	3.50	20°	3/8-18	26.97	8.84
AMC-E3-3500-6*	1.50	10.63	3.31											
AMC-E3-3500-8*	2.00	12.13	3.81											
AMC-E3-3500-12*	3.00	15.13	4.81											
AMC-E3-3750-4*	1.00	9.13	2.81	.75	4.00	1.38	1.63	5.00	2.25	3.75	20°	3/8-18	31.24	10.26
AMC-E3-3750-6*	1.50	10.63	3.31											
AMC-E3-3750-8*	2.00	12.13	3.81											
AMC-E3-3750-12*	3.00	15.13	4.81											
AMC-E3-4000-4*	1.00	9.13	2.81	.75	4.25	1.38	1.63	5.00	2.25	4.00	20°	3/8-18	35.81	11.78
AMC-E3-4000-6*	1.50	10.63	3.31											
AMC-E3-4000-8*	2.00	12.13	3.81											
AMC-E3-4000-12*	3.00	15.13	4.81											
AMC-E3-4500-4*	1.00	10.13	3.25	.81	5.00	1.50	1.75	5.50	2.25	4.75	20°	1/2-14	44.86	14.68
AMC-E3-4500-6*	1.50	11.63	3.75											
AMC-E3-4500-8*	2.00	13.13	4.25											
AMC-E3-4500-12*	3.00	16.13	5.25											
AMC-E3-5000-4*	1.00	10.13	3.25	.81	5.50	1.50	1.75	5.50	2.25	5.25	20°	1/2-14	56.05	18.41
AMC-E3-5000-6*	1.50	11.63	3.75											
AMC-E3-5000-8*	2.00	13.13	4.25											
AMC-E3-5000-12*	3.00	16.13	5.25											
AMC-E3-5500-4*	1.00	10.13	3.25	.81	6.00	1.50	1.75	6.00	2.25	5.75	20°	1/2-14	68.42	22.53
AMC-E3-5500-6*	1.50	11.63	3.75											
AMC-E3-5500-8*	2.00	13.13	4.25											
AMC-E3-5500-12*	3.00	16.13	5.25											
AMC-E3-6000-4*	1.00	10.13	3.25	.81	6.50	1.50	1.75	6.00	2.25	6.25	20°	1/2-14	81.97	27.05
AMC-E3-6000-6*	1.50	11.63	3.75											
AMC-E3-6000-8*	2.00	13.13	4.25											
AMC-E3-6000-12*	3.00	16.13	5.25											

Coding Example

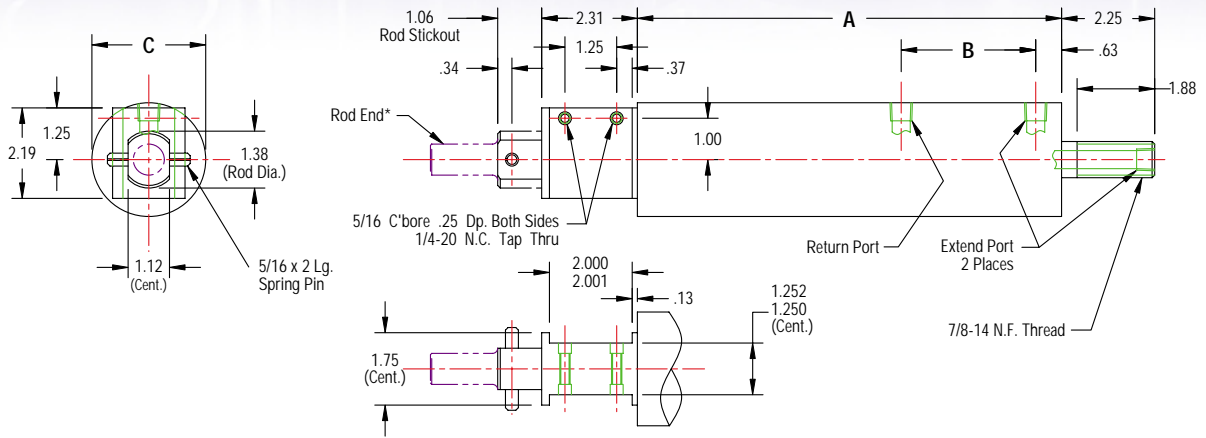
AMC-E3-3250-8 N6

- Rod End Style*
- Stroke in 1/4" Increments
- Bore
- Triple Piston
- Mount Style
- Machining
- American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

Light Duty



Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AMD-G3-1750-4*-50	1.00	7.25	2.25	2.00	6.20	1.96
AMD-G3-1750-6*-50	1.50	8.75	2.75			
AMD-G3-1750-8*-50	2.00	10.25	3.25			
AMD-G3-1750-12*-50	3.00	13.25	4.25			
AMD-G3-2000-4*-50	1.00	7.25	2.25	2.25	8.40	2.70
AMD-G3-2000-6*-50	1.50	8.75	2.75			
AMD-G3-2000-8*-50	2.00	10.25	3.25			
AMD-G3-2000-12*-50	3.00	13.25	4.25			
AMD-G3-2250-4*-50	1.00	7.25	2.25	2.50	10.87	3.53
AMD-G3-2250-6*-50	1.50	8.75	2.75			
AMD-G3-2250-8*-50	2.00	10.25	3.25			
AMD-G3-2250-12*-50	3.00	13.25	4.25			
AMD-G3-2500-4*-50	1.00	7.25	2.25	2.75	13.70	4.46
AMD-G3-2500-6*-50	1.50	8.75	2.75			
AMD-G3-2500-8*-50	2.00	10.25	3.25			
AMD-G3-2500-12*-50	3.00	13.25	4.25			
AMD-G3-2750-4*-50	1.00	7.25	2.25	3.00	16.80	5.50
AMD-G3-2750-6*-50	1.50	8.75	2.75			
AMD-G3-2750-8*-50	2.00	10.25	3.25			
AMD-G3-2750-12*-50	3.00	13.25	4.25			
AMD-G3-3000-4*-50	1.00	7.25	2.25	3.25	20.10	6.63
AMD-G3-3000-6*-50	1.50	8.75	2.75			
AMD-G3-3000-8*-50	2.00	10.25	3.25			
AMD-G3-3000-12*-50	3.00	13.25	4.25			

Coding Example

AMD-G3-1750-8 N6-50

- Rod Stickout
- Rod End Style*
- Stroke in 1/4" Increments
- Bore
- Triple Piston
- Mount Style
- Machining
- American

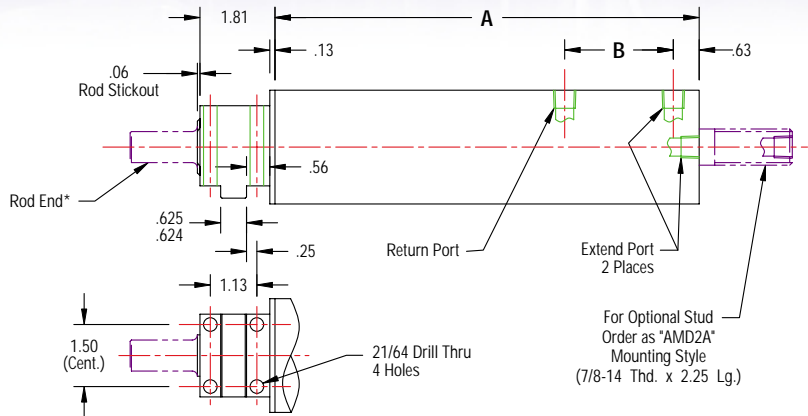
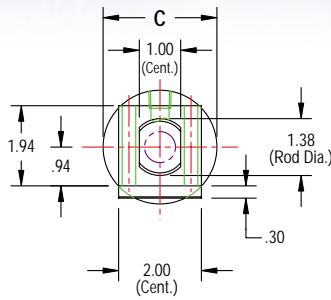
Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

TRIPLE PISTON CYLINDERS



Light Duty



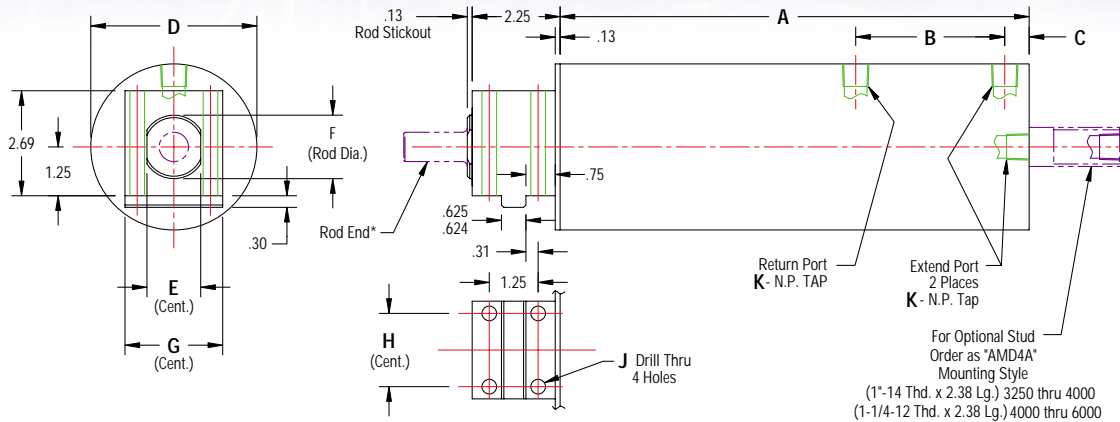
Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AMD2-G3-1750-4*-26	1.00	7.25	2.25	2.00	6.20	1.96
AMD2-G3-1750-6*-26	1.50	8.75	2.75			
AMD2-G3-1750-8*-26	2.00	10.25	3.25			
AMD2-G3-1750-12*-26	3.00	13.25	4.25			
AMD2-G3-2000-4*-26	1.00	7.25	2.25	2.25	8.40	2.70
AMD2-G3-2000-6*-26	1.50	8.75	2.75			
AMD2-G3-2000-8*-26	2.00	10.25	3.25			
AMD2-G3-2000-12*-26	3.00	13.25	4.25			
AMD2-G3-2250-4*-26	1.00	7.25	2.25	2.50	10.87	3.53
AMD2-G3-2250-6*-26	1.50	8.75	2.75			
AMD2-G3-2250-8*-26	2.00	10.25	3.25			
AMD2-G3-2250-12*-26	3.00	13.25	4.25			
AMD2-G3-2500-4*-26	1.00	7.25	2.25	2.75	13.70	4.46
AMD2-G3-2500-6*-26	1.50	8.75	2.75			
AMD2-G3-2500-8*-26	2.00	10.25	3.25			
AMD2-G3-2500-12*-26	3.00	13.25	4.25			
AMD2-G3-2750-4*-26	1.00	7.25	2.25	3.00	16.80	5.50
AMD2-G3-2750-6*-26	1.50	8.75	2.75			
AMD2-G3-2750-8*-26	2.00	10.25	3.25			
AMD2-G3-2750-12*-26	3.00	13.25	4.25			
AMD2-G3-3000-4*-26	1.00	7.25	2.25	3.25	20.10	6.63
AMD2-G3-3000-6*-26	1.50	8.75	2.75			
AMD2-G3-3000-8*-26	2.00	10.25	3.25			
AMD2-G3-3000-12*-26	3.00	13.25	4.25			

Coding Example	
AMD2-G3-1750-8 N6-26	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Medium & Heavy Duty



Model No.	Stroke	Piston Sq. In. Area										Coding Example							
		A	B	C	D	E	F	G	H	J	K	Extend	Return						
AMD4-E3-3250-4*-20	1.00	9.00	2.81	.75	3.50	1.38	1.63	2.50	1.88	25/64	3/8-18	22.99	7.51	AMD4-E3-3250-8 N6-20	Rod Stickout				
AMD4-E3-3250-6*-20	1.50	10.50	3.31																
AMD4-E3-3250-8*-20	2.00	12.00	3.81																
AMD4-E3-3250-12*-20	3.00	15.00	4.81																
AMD4-E3-3500-4*-20	1.00	9.00	2.81	.75	3.75	1.38	1.63	2.50	1.88	25/64	3/8-18	26.97	8.84			AMD4-E3-3250-8 N6-20	Rod End Style*		
AMD4-E3-3500-6*-20	1.50	10.50	3.31																
AMD4-E3-3250-8*-20	2.00	12.00	3.81																
AMD4-E3-3250-12*-20	3.00	15.00	4.81																
AMD4-E3-3750-4*-20	1.00	9.00	2.81	.75	4.00	1.38	1.63	2.50	1.88	25/64	3/8-18	31.24	10.26					AMD4-E3-3250-8 N6-20	Stroke in 1/4" Increments
AMD4-E3-3750-6*-20	1.50	10.50	3.31																
AMD4-E3-3750-8*-20	2.00	12.00	3.81																
AMD4-E3-3750-12*-20	3.00	15.00	4.81																
AMD4-E3-4000-4*-20	1.00	9.00	2.81	.75	4.25	1.38	1.63	2.50	1.88	25/64	3/8-18	35.81	11.78	AMD4-E3-3250-8 N6-20	Bore				
AMD4-E3-4000-6*-20	1.50	10.50	3.31																
AMD4-E3-4000-8*-20	2.00	12.00	3.81																
AMD4-E3-4000-12*-20	3.00	15.00	4.81																
AMD4-E3-4500-4*-20	1.00	10.00	3.25	.81	5.00	1.50	1.75	3.00	2.12	33/64	1/2-14	44.86	14.68			AMD4-E3-3250-8 N6-20	Triple Piston		
AMD4-E3-4500-6*-20	1.50	11.50	3.75																
AMD4-E3-4500-8*-20	2.00	13.00	4.25																
AMD4-E3-4500-12*-20	3.00	16.00	5.25																
AMD4-E3-5000-4*-20	1.00	10.00	3.25	.81	5.50	1.50	1.75	3.00	2.12	33/64	1/2-14	56.05	18.41					AMD4-E3-3250-8 N6-20	Mount Style
AMD4-E3-5000-6*-20	1.50	11.50	3.75																
AMD4-E3-5000-8*-20	2.00	13.00	4.25																
AMD4-E3-5000-12*-20	3.00	16.00	5.25																
AMD4-E3-5500-4*-20	1.00	10.00	3.25	.81	6.00	1.50	1.75	3.00	2.12	33/64	1/2-14	68.42	22.53	AMD4-E3-3250-8 N6-20	Machining				
AMD4-E3-5500-6*-20	1.50	11.50	3.75																
AMD4-E3-5500-8*-20	2.00	13.00	4.25																
AMD4-E3-5500-12*-20	3.00	16.00	5.25																
AMD4-E3-6000-4*-20	1.00	10.00	3.25	.81	6.50	1.50	1.75	3.00	2.12	33/64	1/2-14	81.97	27.05			AMD4-E3-3250-8 N6-20	American		
AMD4-E3-6000-6*-20	1.50	11.50	3.75																
AMD4-E3-6000-8*-20	2.00	13.00	4.25																
AMD4-E3-6000-12*-20	3.00	16.00	5.25																

AMD4-E3-3250-8 N6-20

Rod Stickout

Rod End Style*

Stroke in 1/4" Increments

Bore

Triple Piston

Mount Style

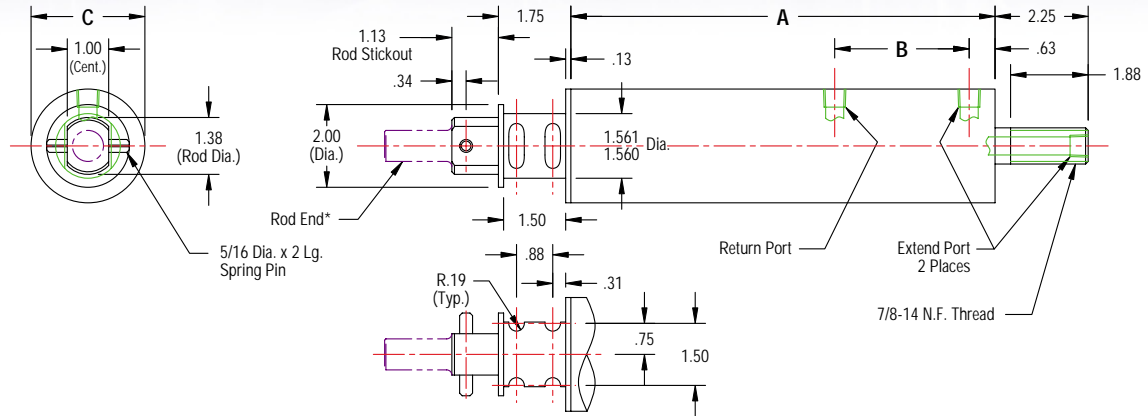
Machining

American

- Notes:**
- Additional stroke lengths are available in .50" increments.
 - For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
 - * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

TRIPLE PISTON CYLINDERS

Light Duty



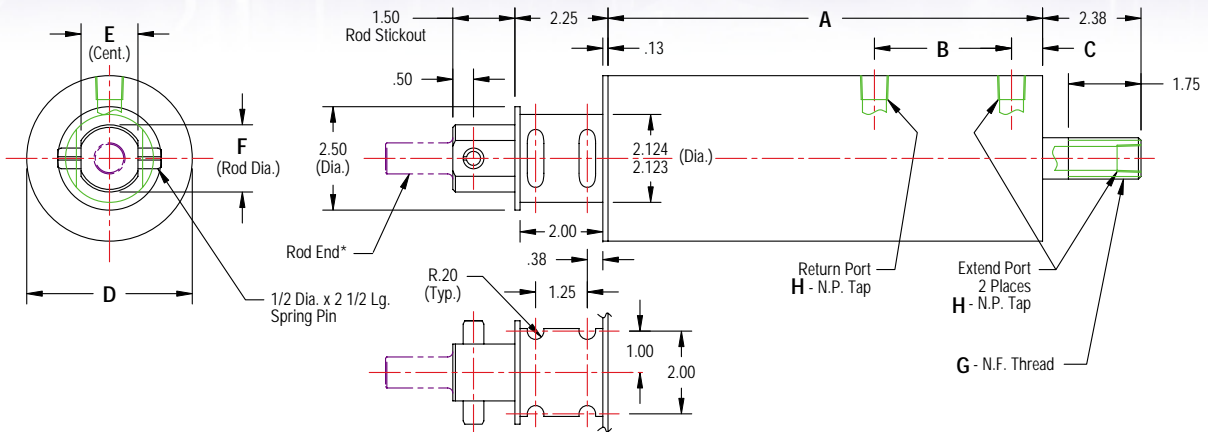
Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AME-G3-1750-4*-42	1.00	7.25	2.25	2.00	6.20	1.96
AME-G3-1750-6*-42	1.50	8.75	2.75			
AME-G3-1750-8*-42	2.00	10.25	3.25			
AME-G3-1750-12*-42	3.00	13.25	4.25			
AME-G3-2000-4*-42	1.00	7.25	2.25	2.25	8.40	2.70
AME-G3-2000-6*-42	1.50	8.75	2.75			
AME-G3-2000-8*-42	2.00	10.25	3.25			
AME-G3-2000-12*-42	3.00	13.25	4.25			
AME-G3-2250-4*-42	1.00	7.25	2.25	2.50	10.87	3.53
AME-G3-2250-6*-42	1.50	8.75	2.75			
AME-G3-2250-8*-42	2.00	10.25	3.25			
AME-G3-2250-12*-42	3.00	13.25	4.25			
AME-G3-2500-4*-42	1.00	7.25	2.25	2.75	13.70	4.46
AME-G3-2500-6*-42	1.50	8.75	2.75			
AME-G3-2500-8*-42	2.00	10.25	3.25			
AME-G3-2500-12*-42	3.00	13.25	4.25			
AME-G3-2750-4*-42	1.00	7.25	2.25	3.00	16.80	5.50
AME-G3-2750-6*-42	1.50	8.75	2.75			
AME-G3-2750-8*-42	2.00	10.25	3.25			
AME-G3-2750-12*-42	3.00	13.25	4.25			
AME-G3-3000-4*-42	1.00	7.25	2.25	3.25	20.10	6.63
AME-G3-3000-6*-42	1.50	8.75	2.75			
AME-G3-3000-8*-42	2.00	10.25	3.25			
AME-G3-3000-12*-42	3.00	13.25	4.25			

Coding Example	
AME-G3-1750-8 N6-42	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Medium & Heavy Duty



Model No.	Stroke	A	B	C	D	E	F	G	H	Piston Sq. In. Area	
										Extend	Return
AME3-E3-3250-4*-42	1.00	9.00	2.81								
AME3-E3-3250-6*-42	1.50	10.50	3.31								
AME3-E3-3250-8*-42	2.00	12.00	3.81	.75	3.50	1.38	1.63	1"-14	3/8-18	22.99	7.51
AME3-E3-3250-12*-42	3.00	15.00	4.81								
AME3-E3-3500-4*-42	1.00	9.00	2.81								
AME3-E3-3500-6*-42	1.50	10.50	3.31	.75	3.75	1.38	1.63	1"-14	3/8-18	26.97	8.84
AME3-E3-3500-8*-42	2.00	12.00	3.81								
AME3-E3-3500-12*-42	3.00	15.00	4.81								
AME3-E3-3750-4*-42	1.00	9.00	2.81								
AME3-E3-3750-6*-42	1.50	10.50	3.31	.75	4.00	1.38	1.63	1"-14	3/8-18	31.24	10.26
AME3-E3-3750-8*-42	2.00	12.00	3.81								
AME3-E3-3750-12*-42	3.00	15.00	4.81								
AME3-E3-4000-4*-42	1.00	9.00	2.81								
AME3-E3-4000-6*-42	1.50	10.50	3.31	.75	4.25	1.38	1.63	1"-14	3/8-18	35.81	11.78
AME3-E3-4000-8*-42	2.00	12.00	3.81								
AME3-E3-4000-12*-42	3.00	15.00	4.81								
AME3-E3-4500-4*-42	1.00	10.00	3.25								
AME3-E3-4500-6*-42	1.50	11.50	3.75	.81	5.00	1.50	1.75	1 1/4-12	1/2-14	44.86	14.68
AME3-E3-4500-8*-42	2.00	13.00	4.25								
AME3-E3-4500-12*-42	3.00	16.00	5.25								
AME3-E3-5000-4*-42	1.00	10.00	3.25								
AME3-E3-5000-6*-42	1.50	11.50	3.75	.81	5.50	1.50	1.75	1 1/4-12	1/2-14	56.05	18.41
AME3-E3-5000-8*-42	2.00	13.00	4.25								
AME3-E3-5000-12*-42	3.00	16.00	5.25								
AME3-E3-5500-4*-42	1.00	10.00	3.25								
AME3-E3-5500-6*-42	1.50	11.50	3.75	.81	6.00	1.50	1.75	1 1/4-12	1/2-14	68.42	22.53
AME3-E3-5500-8*-42	2.00	13.00	4.25								
AME3-E3-5500-12*-42	3.00	16.00	5.25								
AME3-E3-6000-4*-42	1.00	10.00	3.25								
AME3-E3-6000-6*-42	1.50	11.50	3.75	.81	6.50	1.50	1.75	1 1/4-12	1/2-14	81.97	27.05
AME3-E3-6000-8*-42	2.00	13.00	4.25								
AME3-E3-6000-12*-42	3.00	16.00	5.25								

Coding Example

AME3-E3-3250-8 N6-42

- Rod Stickout
- Rod End Style*
- Stroke in 1/4" Increments
- Bore
- Triple Piston
- Mount Style
- Machining
- American

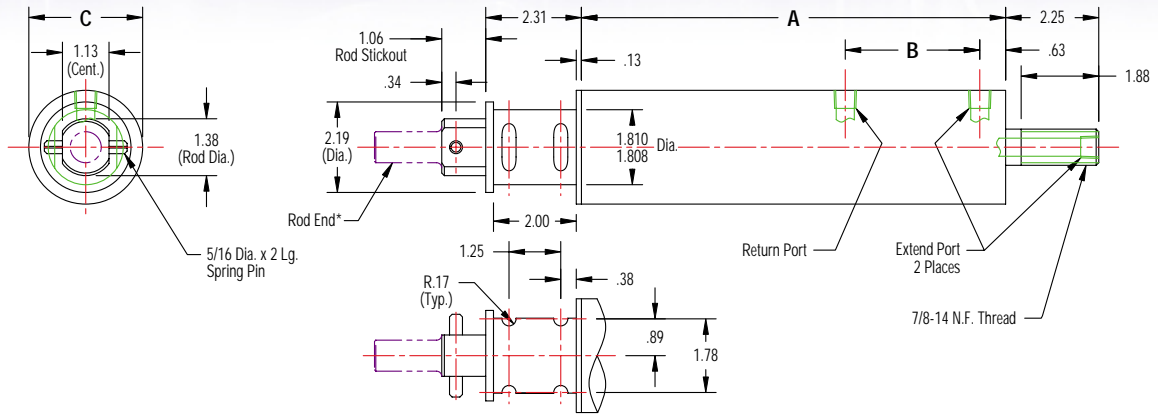
Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

TRIPLE PISTON CYLINDERS



Light Duty



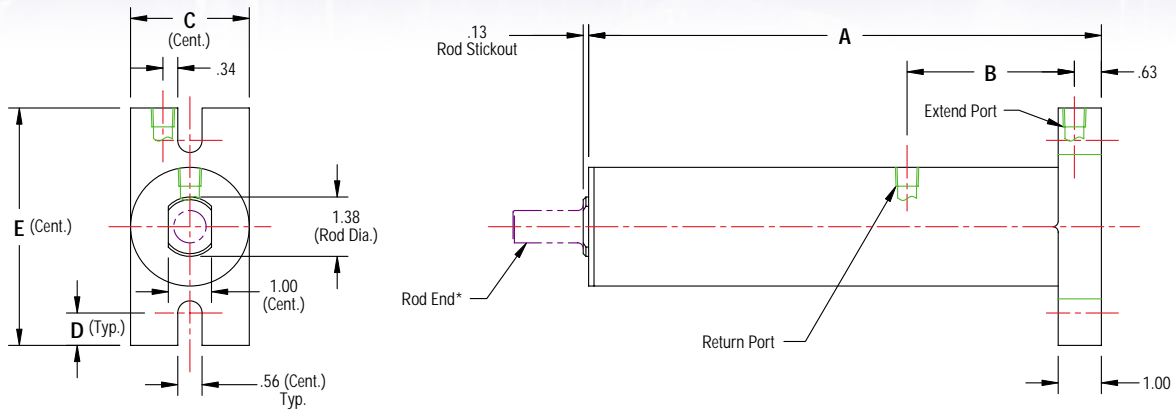
Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AME2-G3-1750-4*-50	1.00	7.25	2.25	2.00	6.20	1.96
AME2-G3-1750-6*-50	1.50	8.75	2.75			
AME2-G3-1750-8*-50	2.00	10.25	3.25			
AME2-G3-1750-12*-50	3.00	13.25	4.25			
AME2-G3-2000-4*-50	1.00	7.25	2.25	2.25	8.40	2.70
AME2-G3-2000-6*-50	1.50	8.75	2.75			
AME2-G3-2000-8*-50	2.00	10.25	3.25			
AME2-G3-2000-12*-50	3.00	13.25	4.25			
AME2-G3-2250-4*-50	1.00	7.25	2.25	2.50	10.87	3.53
AME2-G3-2250-6*-50	1.50	8.75	2.75			
AME2-G3-2250-8*-50	2.00	10.25	3.25			
AME2-G3-2250-12*-50	3.00	13.25	4.25			
AME2-G3-2500-4*-50	1.00	7.25	2.25	2.75	13.70	4.46
AME2-G3-2500-6*-50	1.50	8.75	2.75			
AME2-G3-2500-8*-50	2.00	10.25	3.25			
AME2-G3-2500-12*-50	3.00	13.25	4.25			
AME2-G3-2750-4*-50	1.00	7.25	2.25	3.00	16.80	5.50
AME2-G3-2750-6*-50	1.50	8.75	2.75			
AME2-G3-2750-8*-50	2.00	10.25	3.25			
AME2-G3-2750-12*-50	3.00	13.25	4.25			
AME2-G3-3000-4*-50	1.00	7.25	2.25	3.25	20.10	6.63
AME2-G3-3000-6*-50	1.50	8.75	2.75			
AME2-G3-3000-8*-50	2.00	10.25	3.25			
AME2-G3-3000-12*-50	3.00	13.25	4.25			

Coding Example	
AME2-G3-1750-8 N6-50	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

Light Duty



Model No.	Stroke	A	B	C	D	E	Piston Sq. In. Area	
							Extend	Return
AMF-G3-1750-4*	1.00	7.38	2.25	2.00	.50	4.50	6.20	1.96
AMF-G3-1750-6*	1.50	8.88	2.75					
AMF-G3-1750-8*	2.00	10.38	3.25					
AMF-G3-1750-12*	3.00	13.38	4.25					
AMF-G3-2000-4*	1.00	7.38	2.25	2.25	.50	4.50	8.40	2.70
AMF-G3-2000-6*	1.50	8.88	2.75					
AMF-G3-2000-8*	2.00	10.38	3.25					
AMF-G3-2000-12*	3.00	13.38	4.25					
AMF-G3-2250-4*	1.00	7.38	2.25	2.50	.75	5.50	10.87	3.53
AMF-G3--2250-6*	1.50	8.88	2.75					
AMF-G3--2250-8*	2.00	10.38	3.25					
AMF-G3--2250-12*	3.00	13.38	4.25					
AMF-G3-2500-4*	1.00	7.38	2.25	2.75	.75	5.50	13.70	4.46
AMF-G3-2500-6*	1.50	8.88	2.75					
AMF-G3-2500-8*	2.00	10.38	3.25					
AMF-G3-2500-12*	3.00	13.38	4.25					
AMF-G3-2750-4*	1.00	7.38	2.25	3.00	.69	5.75	16.80	5.50
AMF-G3-2750-6*	1.50	8.88	2.75					
AMF-G3-2750-8*	2.00	10.38	3.25					
AMF-G3-2750-12*	3.00	13.38	4.25					
AMF-G3-3000-4*	1.00	7.38	2.25	3.25	.69	5.75	20.10	6.63
AMF-G3-3000-6*	1.50	8.88	2.75					
AMF-G3-3000-8*	2.00	10.38	3.25					
AMF-G3-3000-12*	3.00	13.38	4.25					

Coding Example	
AMF-G3-1750-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

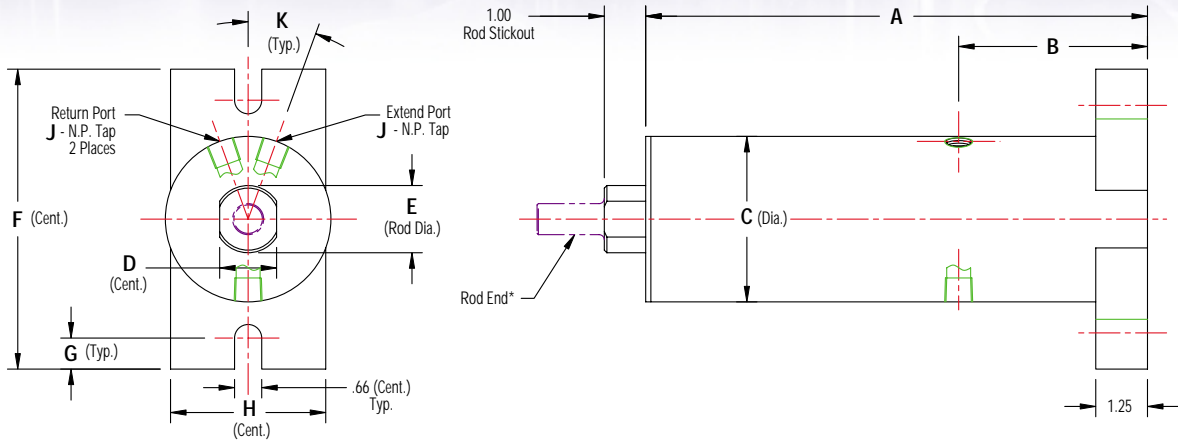
Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

TRIPLE PISTON CYLINDERS



Medium & Heavy Duty



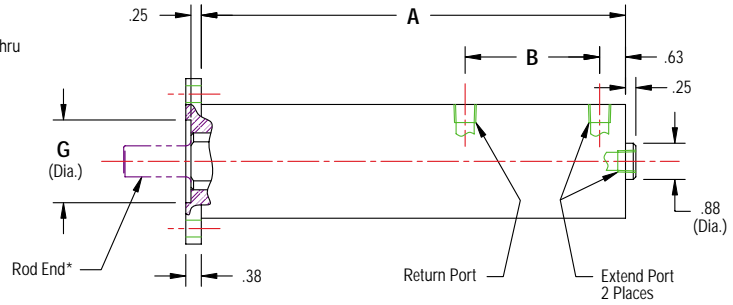
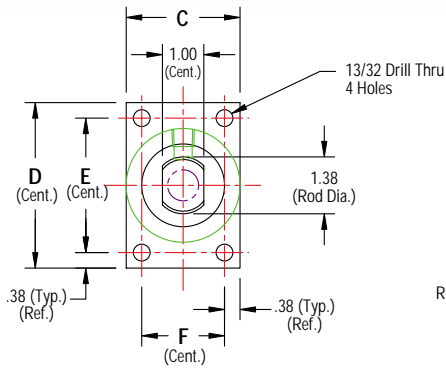
Model No.	Stroke	A	B	C	D	E	F	G	H	J	K	Piston Sq. In. Area	
												Extend	Return
AMF-E3-3250-4*	1.00	9.13	3.56	3.50	1.38	1.63	6.75	.75	3.25	3/8-18	22.5°	22.99	7.51
AMF-E3-3250-6*	1.50	10.63	4.06										
AMF-E3-3250-8*	2.00	12.13	4.56										
AMF-E3-3250-12*	3.00	15.13	5.56										
AMF-E3-3500-4*	1.00	9.13	3.56	3.75	1.38	1.63	6.75	.75	3.50	3/8-18	20°	26.97	8.84
AMF-E3-3500-6*	1.50	10.63	4.06										
AMF-E3-3500-8*	2.00	12.13	4.56										
AMF-E3-3500-12*	3.00	15.13	5.56										
AMF-E3-3750-4*	1.00	9.13	3.56	4.00	1.38	1.63	7.25	.75	3.75	3/8-18	20°	31.24	10.26
AMF-E3-3750-6*	1.50	10.63	4.06										
AMF-E3-3750-8*	2.00	12.13	4.56										
AMF-E3-3750-12*	3.00	15.13	5.56										
AMF-E3-4000-4*	1.00	9.13	3.56	4.25	1.38	1.63	7.25	.75	4.00	3/8-18	20°	35.81	11.78
AMF-E3-4000-6*	1.50	10.63	4.06										
AMF-E3-4000-8*	2.00	12.13	4.56										
AMF-E3-4000-12*	3.00	15.13	5.56										
AMF-E3-4500-4*	1.00	10.13	4.06	5.00	1.50	1.75	8.00	.63	4.75	1/2-14	20°	44.86	14.68
AMF-E3-4500-6*	1.50	11.63	4.56										
AMF-E3-4500-8*	2.00	13.13	5.06										
AMF-E3-4500-12*	3.00	16.13	6.06										
AMF-E3-5000-4*	1.00	10.13	4.06	5.50	1.50	1.75	8.00	.63	5.25	1/2-14	20°	56.05	18.41
AMF-E3-5000-6*	1.50	11.63	4.56										
AMF-E3-5000-8*	2.00	13.13	5.06										
AMF-E3-5000-12*	3.00	16.13	6.06										
AMF-E3-5500-4*	1.00	10.13	4.06	6.00	1.50	1.75	9.00	.63	5.75	1/2-14	20°	68.42	22.53
AMF-E3-5500-6*	1.50	11.63	4.56										
AMF-E3-5500-8*	2.00	13.13	5.06										
AMF-E3-5500-12*	3.00	16.13	6.06										
AMF-E3-6000-4*	1.00	10.13	4.06	6.50	1.50	1.75	9.00	.63	6.25	1/2-14	20°	81.97	27.05
AMF-E3-6000-6*	1.50	11.63	4.56										
AMF-E3-6000-8*	2.00	13.13	5.06										
AMF-E3-6000-12*	3.00	16.13	6.06										

Coding Example	
AMF-E3-3250-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

Light Duty



Model No.	Stroke	A	B	C	D	E	F	G	Piston Sq. In. Area	
									Extend	Return
AMH3-G3-1750-4*	1.00	7.25	2.25	2.00	3.25	2.50	1.25	1.56	6.20	1.96
AMH3-G3-1750-6*	1.50	8.75	2.75							
AMH3-G3-1750-8*	2.00	10.25	3.25							
AMH3-G3-1750-12*	3.00	13.25	4.25							
AMH3-G3-2000-4*	1.00	7.25	2.25	2.25	3.50	2.75	1.50	2.00	8.40	2.70
AMH3-G3-2000-6*	1.50	8.75	2.75							
AMH3-G3-2000-8*	2.00	10.25	3.25							
AMH3-G3-2000-12*	3.00	13.25	4.25							
AMH3-G3-2250-4*	1.00	7.25	2.25	2.50	3.75	3.00	1.75	2.00	10.87	3.53
AMH3-G3-2250-6*	1.50	8.75	2.75							
AMH3-G3-2250-8*	2.00	10.25	3.25							
AMH3-G3-2250-12*	3.00	13.25	4.25							
AMH3-G3-2500-4*	1.00	7.25	2.25	2.75	4.00	3.25	2.00	2.00	13.70	4.46
AMH3-G3-2500-6*	1.50	8.75	2.75							
AMH3-G3-2500-8*	2.00	10.25	3.25							
AMH3-G3-2500-12*	3.00	13.25	4.25							
AMH3-G3-2750-4*	1.00	7.25	2.25	3.00	4.25	3.50	2.25	2.00	16.80	5.50
AMH3-G3-2750-6*	1.50	8.75	2.75							
AMH3-G3-2750-8*	2.00	10.25	3.25							
AMH3-G3-2750-12*	3.00	13.25	4.25							
AMH3-G3-3000-4*	1.00	7.25	2.25	3.25	4.50	3.75	2.50	2.00	20.10	6.63
AMH3-G3-3000-6*	1.50	8.75	2.75							
AMH3-G3-3000-8*	2.00	10.25	3.25							
AMH3-G3-3000-12*	3.00	13.25	4.25							

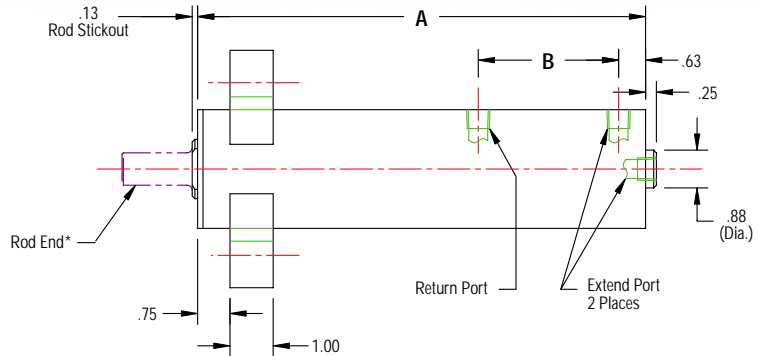
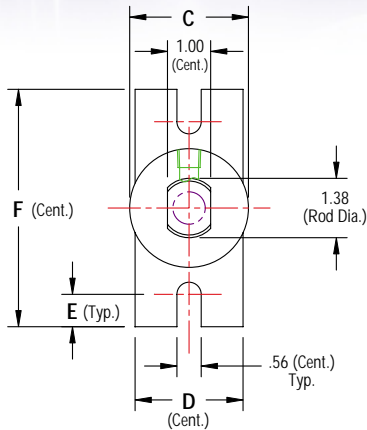
Coding Example	
AMH3-G3-1750-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

TRIPLE PISTON CYLINDERS

Light Duty

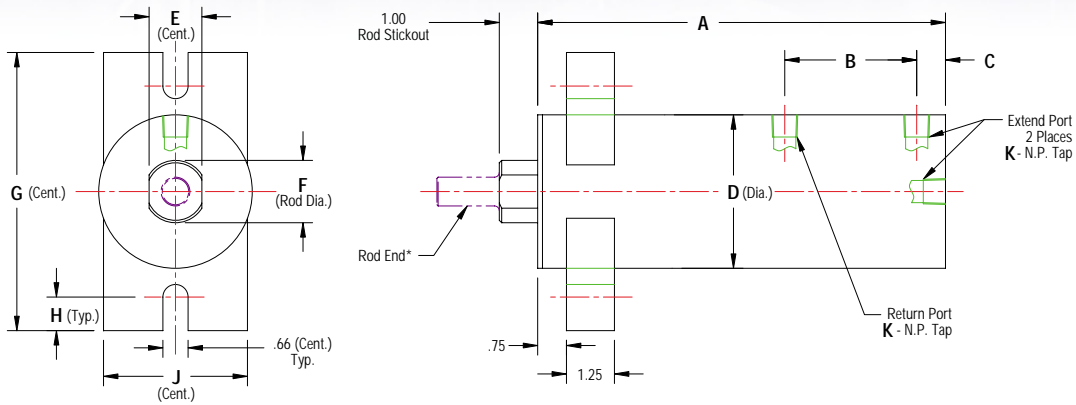


Model No.	Stroke	A	B	C	D	E	F	Piston Sq. In. Area	
								Extend	Return
AMJ3/4-G3-1750-4*	1.00	7.38	2.25	2.00	1.75	.50	4.50	6.20	1.96
AMJ3/4-G3-1750-6*	1.50	8.88	2.75						
AMJ3/4-G3-1750-8*	2.00	10.38	3.25						
AMJ3/4-G3-1750-12*	3.00	13.38	4.25						
AMJ3/4-G3-2000-4*	1.00	7.38	2.25	2.25	2.00	.50	4.50	8.40	2.70
AMJ3/4-G3-2000-6*	1.50	8.88	2.75						
AMJ3/4-G3-2000-8*	2.00	10.38	3.25						
AMJ3/4-G3-2000-12*	3.00	13.38	4.25						
AMJ3/4-G3-2250-4*	1.00	7.38	2.25	2.50	2.25	.75	5.50	10.87	3.53
AMJ3/4-G3-2250-6*	1.50	8.88	2.75						
AMJ3/4-G3-2250-8*	2.00	10.38	3.25						
AMJ3/4-G3-2250-12*	3.00	13.38	4.25						
AMJ3/4-G3-2500-4*	1.00	7.38	2.25	2.75	2.50	.75	5.50	13.70	4.46
AMJ3/4-G3-2500-6*	1.50	8.88	2.75						
AMJ3/4-G3-2500-8*	2.00	10.38	3.25						
AMJ3/4-G3-2500-12*	3.00	13.38	4.25						
AMJ3/4-G3-2750-4*	1.00	7.38	2.25	3.00	2.75	.69	5.75	16.80	5.50
AMJ3/4-G3-2750-6*	1.50	8.88	2.75						
AMJ3/4-G3-2750-8*	2.00	10.38	3.25						
AMJ3/4-G3-2750-12*	3.00	13.38	4.25						
AMJ3/4-G3-3000-4*	1.00	7.38	2.25	3.25	3.00	.62	5.75	20.10	6.63
AMJ3/4-G3-3000-6*	1.50	8.88	2.75						
AMJ3/4-G3-3000-8*	2.00	10.38	3.25						
AMJ3/4-G3-3000-12*	3.00	13.38	4.25						

Coding Example	
AMJ3/4-G3-1750-8 N6	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.



Model No.	Stroke	A	B	C	D	E	F	G	H	J	K	Piston Sq. In. Area	
												Extend	Return
AMJ3/4-E3-3250-4*	1.00	9.13	2.81	.75	3.50	1.38	1.63	6.75	.75	3.25	3/8-18	22.99	7.51
AMJ3/4-E3-3250-6*	1.50	10.63	3.31										
AMJ3/4-E3-3250-8*	2.00	12.13	3.81										
AMJ3/4-E3-3250-12*	3.00	15.13	4.81										
AMJ3/4-E3-3500-4*	1.00	9.13	2.81	.75	3.75	1.38	1.63	6.75	.75	3.50	3/8-18	26.97	8.84
AMJ3/4-E3-3500-6*	1.50	10.63	3.31										
AMJ3/4-E3-3500-8*	2.00	12.13	3.81										
AMJ3/4-E3-3500-12*	3.00	15.13	4.81										
AMJ3/4-E3-3750-4*	1.00	9.13	2.81	.75	4.00	1.38	1.63	7.25	.75	3.75	3/8-18	31.24	10.26
AMJ3/4-E3-3750-6*	1.50	10.63	3.31										
AMJ3/4-E3-3750-8*	2.00	12.13	3.81										
AMJ3/4-E3-3750-12*	3.00	15.13	4.81										
AMJ3/4-E3-4000-4*	1.00	9.13	2.81	.75	4.25	1.38	1.63	7.25	.75	4.00	3/8-18	35.81	11.78
AMJ3/4-E3-4000-6*	1.50	10.63	3.31										
AMJ3/4-E3-4000-8*	2.00	12.13	3.81										
AMJ3/4-E3-4000-12*	3.00	15.13	4.81										
AMJ3/4-E3-4500-4*	1.00	10.13	3.25	.81	5.00	1.50	1.75	8.00	.63	4.75	1/2-14	44.86	14.68
AMJ3/4-E3-4500-6*	1.50	11.63	3.75										
AMJ3/4-E3-4500-8*	2.00	13.13	4.25										
AMJ3/4-E3-4500-12*	3.00	16.13	5.25										
AMJ3/4-E3-5000-4*	1.00	10.13	3.25	.81	5.50	1.50	1.75	8.00	.63	5.25	1/2-14	56.05	18.41
AMJ3/4-E3-5000-6*	1.50	11.63	3.75										
AMJ3/4-E3-5000-8*	2.00	13.13	4.25										
AMJ3/4-E3-5000-12*	3.00	16.13	5.25										
AMJ3/4-E3-5500-4*	1.00	10.13	3.25	.81	6.00	1.50	1.75	9.00	.63	5.75	1/2-14	68.42	22.53
AMJ3/4-E3-5500-6*	1.50	11.63	3.75										
AMJ3/4-E3-5500-8*	2.00	13.13	4.25										
AMJ3/4-E3-5500-12*	3.00	16.13	5.25										
AMJ3/4-E3-6000-4*	1.00	10.13	3.25	.81	6.50	1.50	1.75	9.00	.63	6.25	1/2-14	81.97	27.05
AMJ3/4-E3-6000-6*	1.50	11.63	3.75										
AMJ3/4-E3-6000-8*	2.00	13.13	4.25										
AMJ3/4-E3-6000-12*	3.00	16.13	5.25										

Coding Example

AMJ3/4-E3-3250-8 N6

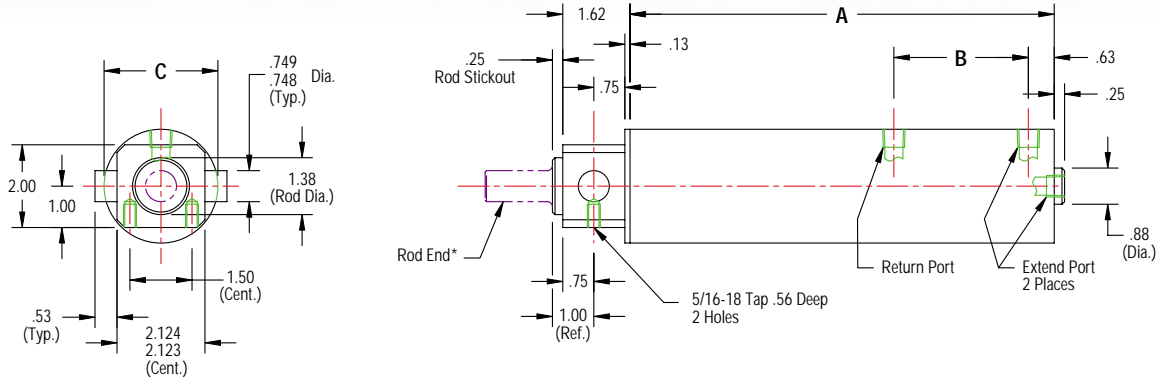
- Rod End Style*
- Stroke in 1/4" Increments
- Bore
- Triple Piston
- Mount Style
- Machining
- American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

TRIPLE PISTON CYLINDERS

Light Duty



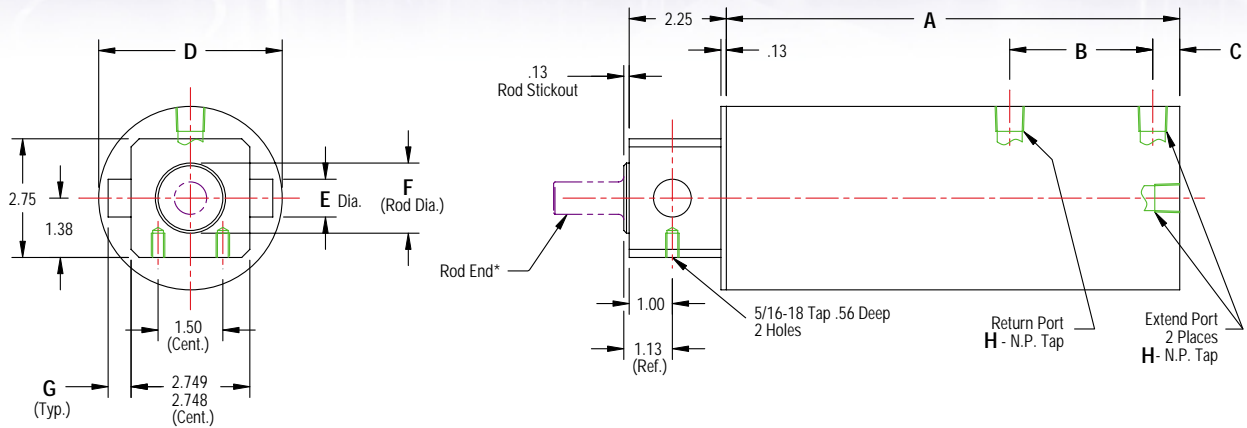
Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AMT1-G3-1750-4*-26-R	1.00	7.25	2.25	2.00	6.20	1.96
AMT1-G3-1750-6*-26-R	1.50	8.75	2.75			
AMT1-G3-1750-8*-26-R	2.00	10.25	3.25			
AMT1-G3-1750-12*-26-R	3.00	13.25	4.25			
AMT1-G3-2000-4*-26-R	1.00	7.25	2.25	2.25	8.40	2.70
AMT1-G3-2000-6*-26-R	1.50	8.75	2.75			
AMT1-G3-2000-8*-26-R	2.00	10.25	3.25			
AMT1-G3-2000-12*-26-R	3.00	13.25	4.25			
AMT1-G3-2250-4*-26-R	1.00	7.25	2.25	2.50	10.87	3.53
AMT1-G3-2250-6*-26-R	1.50	8.75	2.75			
AMT1-G3-2250-8*-26-R	2.00	10.25	3.25			
AMT1-G3-2250-12*-26-R	3.00	13.25	4.25			
AMT1-G3-2500-4*-26-R	1.00	7.25	2.25	2.75	13.70	4.46
AMT1-G3-2500-6*-26-R	1.50	8.75	2.75			
AMT1-G3-2500-8*-26-R	2.00	10.25	3.25			
AMT1-G3-2500-12*-26-R	3.00	13.25	4.25			
AMT1-G3-2750-4*-26-R	1.00	7.25	2.25	3.00	16.80	5.50
AMT1-G3-2750-6*-26-R	1.50	8.75	2.75			
AMT1-G3-2750-8*-26-R	2.00	10.25	3.25			
AMT1-G3-2750-12*-26-R	3.00	13.25	4.25			
AMT1-G3-3000-4*-26-R	1.00	7.25	2.25	3.25	20.10	6.63
AMT1-G3-3000-6*-26-R	1.50	8.75	2.75			
AMT1-G3-3000-8*-26-R	2.00	10.25	3.25			
AMT1-G3-3000-12*-26-R	3.00	13.25	4.25			

Coding Example	
AMT1-G3-1750-8 N6-26-R	Round Rod
	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Medium & Heavy Duty



Model No.	Stroke	A	B	C	D	E	F	G	H	Piston Sq. In. Area	
										Extend	Return
AMT1-E3-3250-4*-20-R	1.00	9.00	2.81	.75	3.50	.874/.873	1.63	.53	3/8-18	22.99	7.51
AMT1-E3-3250-6*-20-R	1.50	10.50	3.31								
AMT1-E3-3250-8*-20-R	2.00	12.00	3.81								
AMT1-E3-3250-12*-20-R	3.00	15.00	4.81								
AMT1-E3-3500-4*-20-R	1.00	9.00	2.81	.75	3.75	.874/.873	1.63	.53	3/8-18	26.97	8.84
AMT1-E3-3500-6*-20-R	1.50	10.50	3.31								
AMT1-E3-3500-8*-20-R	2.00	12.00	3.81								
AMT1-E3-3500-12*-20-R	3.00	15.00	4.81								
AMT1-E3-3750-4*-20-R	1.00	9.00	2.81	.75	4.00	.874/.873	1.63	.53	3/8-18	31.24	10.26
AMT1-E3-3750-6*-20-R	1.50	10.50	3.31								
AMT1-E3-3750-8*-20-R	2.00	12.00	3.81								
AMT1-E3-3750-12*-20-R	3.00	15.00	4.81								
AMT1-E3-4000-4*-20-R	1.00	9.00	2.81	.75	4.25	.874/.873	1.63	.53	3/8-18	35.81	11.78
AMT1-E3-4000-6*-20-R	1.50	10.50	3.31								
AMT1-E3-4000-8*-20-R	2.00	12.00	3.81								
AMT1-E3-4000-12*-20-R	3.00	15.00	4.81								
AMT1-E3-4500-4*-20-R	1.00	10.00	3.25	.81	5.00	.999/.998	1.75	.66	1/2-14	44.86	14.68
AMT1-E3-4500-6*-20-R	1.50	11.50	3.75								
AMT1-E3-4500-8*-20-R	2.00	13.00	4.25								
AMT1-E3-4500-12*-20-R	3.00	16.00	5.25								
AMT1-E3-5000-4*-20-R	1.00	10.00	3.25	.81	5.50	.999/.998	1.75	.66	1/2-14	56.05	18.41
AMT1-E3-5000-6*-20-R	1.50	11.50	3.75								
AMT1-E3-5000-8*-20-R	2.00	13.00	4.25								
AMT1-E3-5000-12*-20-R	3.00	16.00	5.25								
AMT1-E3-5500-4*-20-R	1.00	10.00	3.25	.81	6.00	.999/.998	1.75	.66	1/2-14	68.42	22.53
AMT1-E3-5500-6*-20-R	1.50	11.50	3.75								
AMT1-E3-5500-8*-20-R	2.00	13.00	4.25								
AMT1-E3-5500-12*-20-R	3.00	16.00	5.25								
AMT1-E3-6000-4*-20-R	1.00	10.00	3.25	.81	6.50	.999/.998	1.75	.66	1/2-14	81.97	27.05
AMT1-E3-6000-6*-20-R	1.50	11.50	3.75								
AMT1-E3-6000-8*-20-R	2.00	13.00	4.25								
AMT1-E3-6000-12*-20-R	3.00	16.00	5.25								

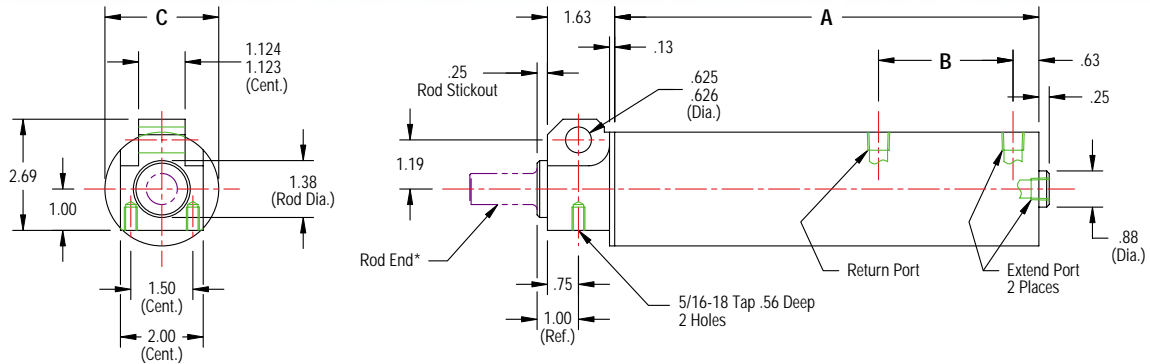
Coding Example	
AMT1-E3-3250-8 N6-20-R	Round Rod
	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

TRIPLE PISTON CYLINDERS

Light Duty



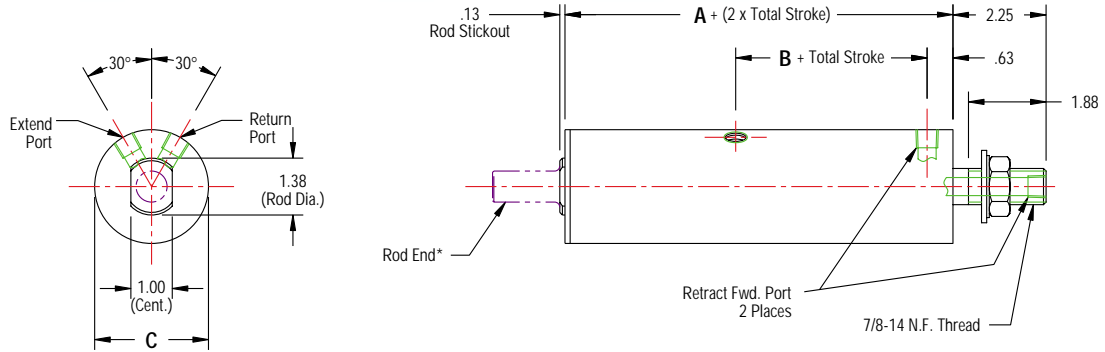
Model No.	Stroke	A	B	C	Piston Sq. In. Area	
					Extend	Return
AMT2-G3-1750-4*-26-R	1.00	7.25	2.25	2.00	6.20	1.96
AMT2-G3-1750-6*-26-R	1.50	8.75	2.75			
AMT2-G3-1750-8*-26-R	2.00	10.25	3.25			
AMT2-G3-1750-12*-26-R	3.00	13.25	4.25			
AMT2-G3-2000-4*-26-R	1.00	7.25	2.25	2.25	8.40	2.70
AMT2-G3-2000-6*-26-R	1.50	8.75	2.75			
AMT2-G3-2000-8*-26-R	2.00	10.25	3.25			
AMT2-G3-2000-12*-26-R	3.00	13.25	4.25			
AMT2-G3-2250-4*-26-R	1.00	7.25	2.25	2.50	10.87	3.53
AMT2-G3-2250-6*-26-R	1.50	8.75	2.75			
AMT2-G3-2250-8*-26-R	2.00	10.25	3.25			
AMT2-G3-2250-12*-26-R	3.00	13.25	4.25			
AMT2-G3-2500-4*-26-R	1.00	7.25	2.25	2.75	13.70	4.46
AMT2-G3-2500-6*-26-R	1.50	8.75	2.75			
AMT2-G3-2500-8*-26-R	2.00	10.25	3.25			
AMT2-G3-2500-12*-26-R	3.00	13.25	4.25			
AMT2-G3-2750-4*-26-R	1.00	7.25	2.25	3.00	16.80	5.50
AMT2-G3-2750-6*-26-R	1.50	8.75	2.75			
AMT2-G3-2750-8*-26-R	2.00	10.25	3.25			
AMT2-G3-2750-12*-26-R	3.00	13.25	4.25			
AMT2-G3-3000-4*-26-R	1.00	7.25	2.25	3.25	20.10	6.63
AMT2-G3-3000-6*-26-R	1.50	8.75	2.75			
AMT2-G3-3000-8*-26-R	2.00	10.25	3.25			
AMT2-G3-3000-12*-26-R	3.00	13.25	4.25			

Coding Example	
AMT2-G3-1750-8 N6-26-R	Round Rod
	Rod Stickout
	Rod End Style*
	Stroke in 1/4" Increments
	Bore
	Triple Piston
	Mount Style
	Machining
	American

Notes:

- Additional stroke lengths are available in .50" increments.
- For each additional .50" of stroke longer than shown, add 1.50" to Dim. "A".
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Light Duty



Model No.	A	B	C	Piston Sq. In. Area		
				Extend	Retract Fwd.	Return
AMA-R-2000-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.50	2.31	2.25	5.10	3.14	1.96
AMA-R-2250-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.50	2.31	2.50	6.67	3.97	2.70
AMA-R-2500-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.50	2.31	2.75	8.44	4.90	3.53
AMA-R-2750-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.50	2.31	3.00	10.40	5.93	4.47
AMA-R-3000-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.50	2.31	3.25	12.50	7.07	5.93

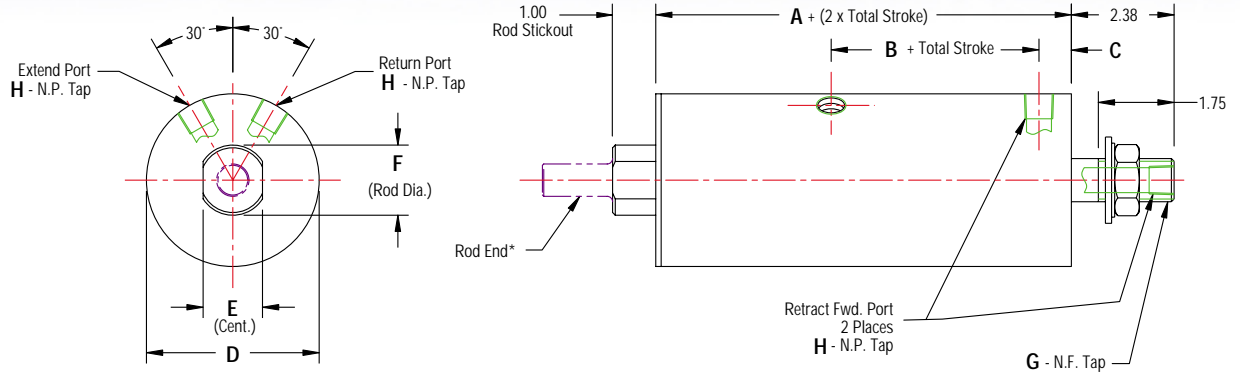
Coding Example	
AMA-R-2000-R8-8 N6	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

RETRACT CYLINDERS

Medium & Heavy Duty



Model No.	A	B	C	D	E	F	G	H	Piston Sq. In. Area		
									Extend	Retract Fwd.	Return
AMA-R-3250-R(Retract Fwd. Stroke)-(Extend Stroke)*	5.62	2.81	.75	3.50	1.38	1.62	1"-14	3/8-18	14.50	8.29	6.28
AMA-R-3500-R(Retract Fwd. Stroke)-(Extend Stroke)*	5.62	2.81	.75	3.75	1.38	1.62	1"-14	3/8-18	17.10	9.60	7.51
AMA-R-3750-R(Retract Fwd. Stroke)-(Extend Stroke)*	5.62	2.81	.75	4.00	1.38	1.62	1"-14	3/8-18	19.75	11.04	8.83
AMA-R-4000-R(Retract Fwd. Stroke)-(Extend Stroke)*	5.62	2.81	.75	4.25	1.38	1.62	1"-14	3/8-18	22.80	12.56	10.26
AMA-R-4500-R(Retract Fwd. Stroke)-(Extend Stroke)*	6.38	3.25	.81	5.00	1.50	1.75	1 1/4-12	1/2-14	27.00	15.90	11.08
AMA-R-5000-R(Retract Fwd. Stroke)-(Extend Stroke)*	6.38	3.25	.81	5.50	1.50	1.75	1 1/4-12	1/2-14	34.00	19.63	14.41
AMA-R-5500-R(Retract Fwd. Stroke)-(Extend Stroke)*	6.38	3.25	.81	6.00	1.50	1.75	1 1/4-12	1/2-14	38.10	23.75	18.14
AMA-R-6000-R(Retract Fwd. Stroke)-(Extend Stroke)*	6.38	3.25	.81	6.50	1.50	1.75	1 1/4-12	1/2-14	50.50	28.27	22.27

Coding Example

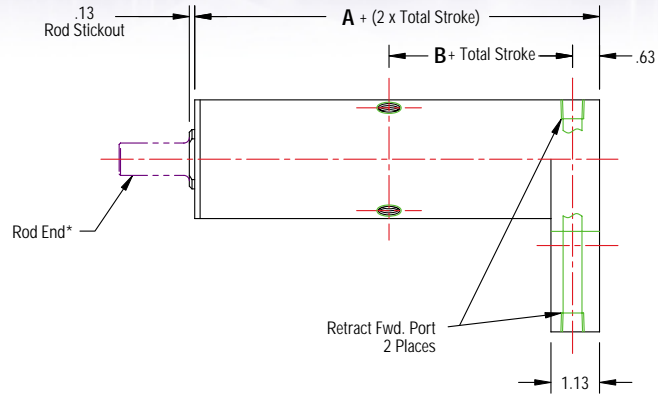
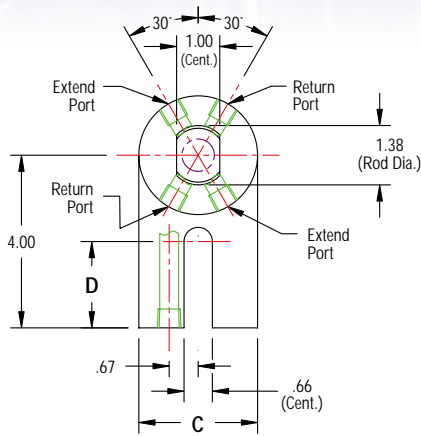
AMA-R-3250-R8-8 N6

- Rod End Style*
- Extend Stroke
1/4" Increments
- Retract Fwd. Stroke
1/4" Increments
- Bore
- Retract
- Mount Style
- Machining
- American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Light Duty



Model No.	Piston Sq. In. Area				Piston Sq. In. Area		
	A	B	C	D	Extend	Retract Fwd.	Return
AMC-R-2000-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.62	2.62	2.25	2.25	5.10	3.14	1.96
AMC-R-2250-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.62	2.62	2.50	2.25	6.67	3.97	2.70
AMC-R-2500-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.62	2.62	2.75	2.00	8.44	4.90	3.53
AMC-R-2750-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.62	2.62	3.00	1.88	10.40	5.93	4.47
AMC-R-3000-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.62	2.62	3.25	1.75	12.50	7.07	5.93

Coding Example	
AMC-R-2000-R8-8 N6	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining
	American

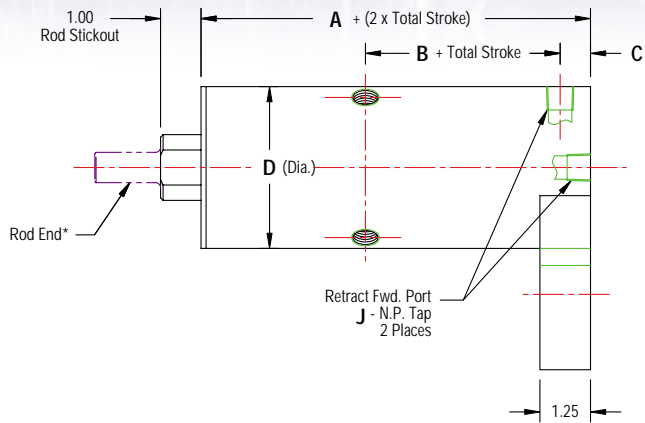
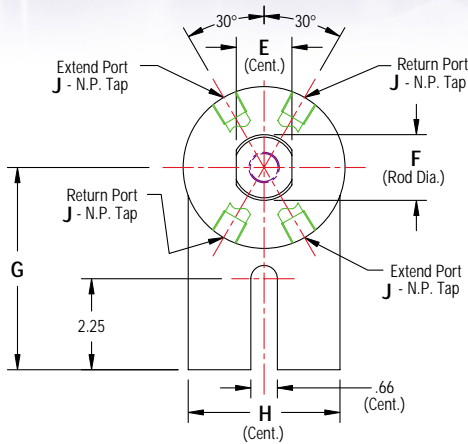
Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

RETRACT CYLINDERS



Medium & Heavy Duty



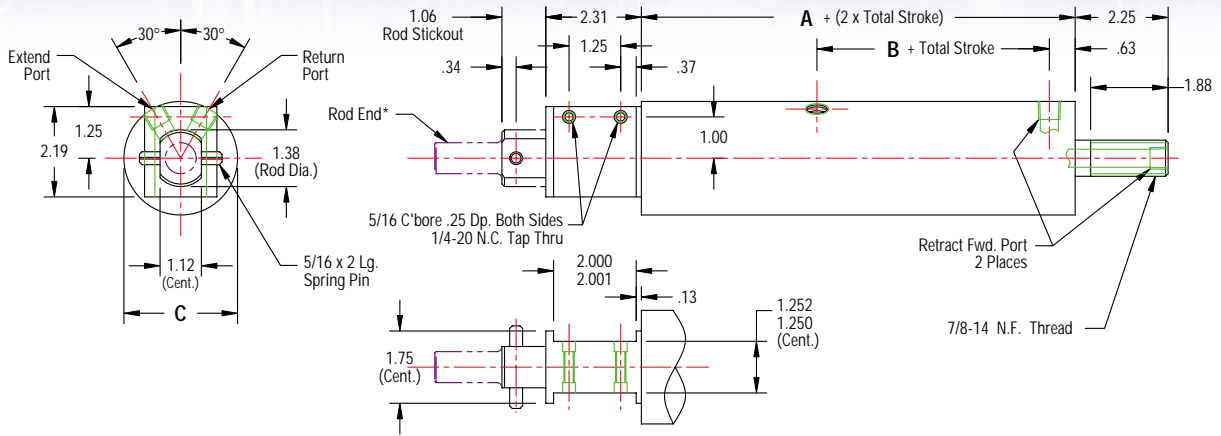
Model No.	Piston Sq. In. Area											
	A	B	C	D	E	F	G	H	J	Extend	Retract Fwd.	Return
AMC-R-3250-R(Retract Fwd. Stroke)-(Extend Stroke)*	5.62	2.81	.75	3.50	1.38	1.62	4.50	3.25	3/8-18	14.50	8.29	6.28
AMC-R-3500-R(Retract Fwd. Stroke)-(Extend Stroke)*	5.62	2.81	.75	3.75	1.38	1.62	4.50	3.50	3/8-18	17.10	9.60	7.51
AMC-R-3750-R(Retract Fwd. Stroke)-(Extend Stroke)*	5.62	2.81	.75	4.00	1.38	1.62	5.00	3.75	3/8-18	19.75	11.04	8.83
AMC-R-4000-R(Retract Fwd. Stroke)-(Extend Stroke)*	5.62	2.81	.75	4.25	1.38	1.62	5.00	4.00	3/8-18	22.80	12.56	10.26
AMC-R-4500-R(Retract Fwd. Stroke)-(Extend Stroke)*	6.38	3.25	.81	5.00	1.50	1.75	5.50	4.75	1/2-14	27.00	15.90	11.08
AMC-R-5000-R(Retract Fwd. Stroke)-(Extend Stroke)*	6.38	3.25	.81	5.50	1.50	1.75	5.50	5.25	1/2-14	34.00	19.63	14.41
AMC-R-5500-R(Retract Fwd. Stroke)-(Extend Stroke)*	6.38	3.25	.81	6.00	1.50	1.75	6.00	5.75	1/2-14	38.10	23.75	18.14
AMC-R-6000-R(Retract Fwd. Stroke)-(Extend Stroke)*	6.38	3.25	.81	6.50	1.50	1.75	6.00	6.25	1/2-14	50.50	28.27	22.27

Coding Example	
AMC-R-3250-R8-8 N6	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
Machining	
American	

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- Total Stroke must be in .50" increments. (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

Light Duty



Model No.	Piston Sq. In. Area					
	A	B	C	Extend	Retract Fwd.	Return
AMD-R-2000-R(Retract Fwd. Stroke)-(Extend Stroke)*-50	4.38	2.31	2.25	5.10	3.14	1.96
AMD-R-2250-R(Retract Fwd. Stroke)-(Extend Stroke)*-50	4.38	2.31	2.50	6.67	3.97	2.70
AMD-R-2500-R(Retract Fwd. Stroke)-(Extend Stroke)*-50	4.38	2.31	2.75	8.44	4.90	3.53
AMD-R-2750-R(Retract Fwd. Stroke)-(Extend Stroke)*-50	4.38	2.31	3.00	10.40	5.93	4.47
AMD-R-3000-R(Retract Fwd. Stroke)-(Extend Stroke)*-50	4.38	2.31	3.25	12.50	7.07	5.93

Coding Example	
AMD-R-2000-R8-8 N6-50	Rod Stickout
	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

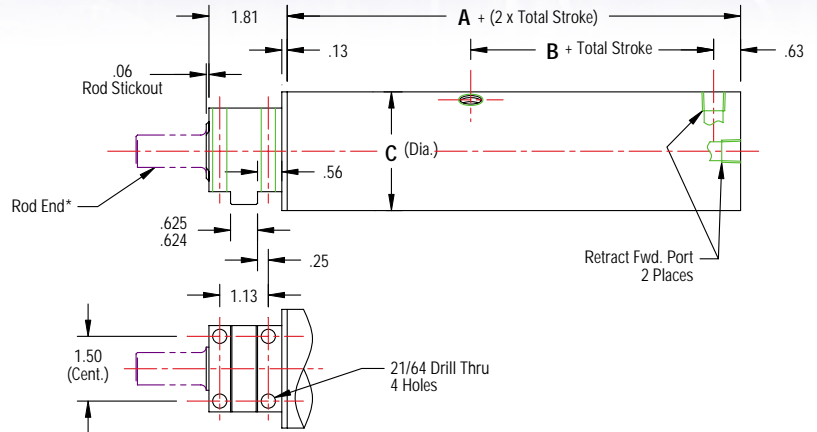
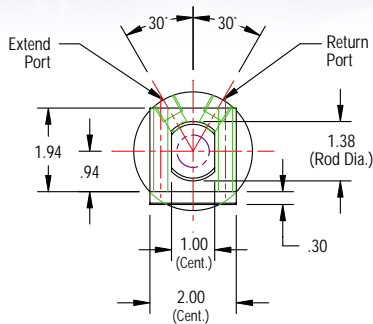
Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

RETRACT CYLINDERS



Light Duty



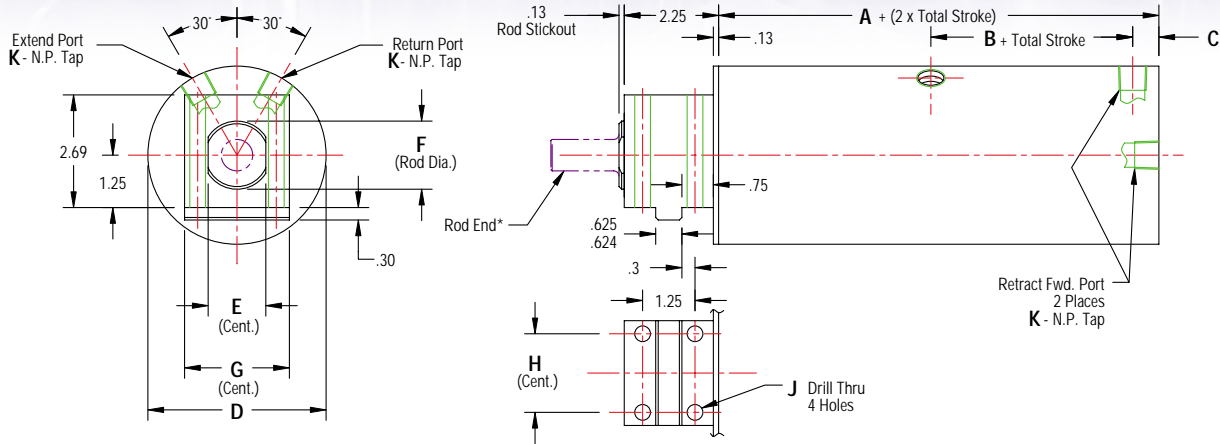
Model No.	Piston Sq. In. Area			Coding Example		
	A	B	C	Extend	Retract Fwd.	Return
AMD2-R-2000-R(Retract Fwd. Stroke)-(Extend Stroke)*-26	4.38	2.31	2.25	5.10	3.14	1.96
AMD2-R-2250-R(Retract Fwd. Stroke)-(Extend Stroke)*-26	4.38	2.31	2.50	6.67	3.97	2.70
AMD2-R-2500-R(Retract Fwd. Stroke)-(Extend Stroke)*-26	4.38	2.31	2.75	8.44	4.90	3.53
AMD2-R-2750-R(Retract Fwd. Stroke)-(Extend Stroke)*-26	4.38	2.31	3.00	10.40	5.93	4.47
AMD2-R-3000-R(Retract Fwd. Stroke)-(Extend Stroke)*-26	4.38	2.31	3.25	12.50	7.07	5.93

Coding Example	
AMD2-R-2000-R8-8 N6-26	Rod Stickout
	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
Machining	
American	

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Medium & Heavy Duty



Model No.	Piston Sq. In. Area												
	A	B	C	D	E	F	G	H	J	K	Extend	Retract Fwd.	Return
AMD4-R-3250-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	5.50	2.81	.75	3.50	1.38	1.62	2.50	1.88	25/64	3/8-18	14.50	8.29	6.28
AMD4-R-3500-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	5.50	2.81	.75	3.75	1.38	1.62	2.50	1.88	25/64	3/8-18	17.10	9.60	7.51
AMD4-R-3750-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	5.50	2.81	.75	4.00	1.38	1.62	2.50	1.88	25/64	3/8-18	19.75	11.04	8.83
AMD4-R-4000-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	5.50	2.81	.75	4.25	1.38	1.62	2.50	1.88	25/64	3/8-18	22.80	12.56	10.26
AMD4-R-4500-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	6.25	3.25	.81	5.00	1.50	1.75	3.00	2.12	33/64	1/2-14	27.00	15.90	11.08
AMD4-R-5000-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	6.25	3.25	.81	5.50	1.50	1.75	3.00	2.12	33/64	1/2-14	34.00	19.63	14.41
AMD4-R-5500-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	6.25	3.25	.81	6.00	1.50	1.75	3.00	2.12	33/64	1/2-14	38.10	23.75	18.14
AMD4-R-6000-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	6.25	3.25	.81	6.50	1.50	1.75	3.00	2.12	33/64	1/2-14	50.50	28.27	22.27

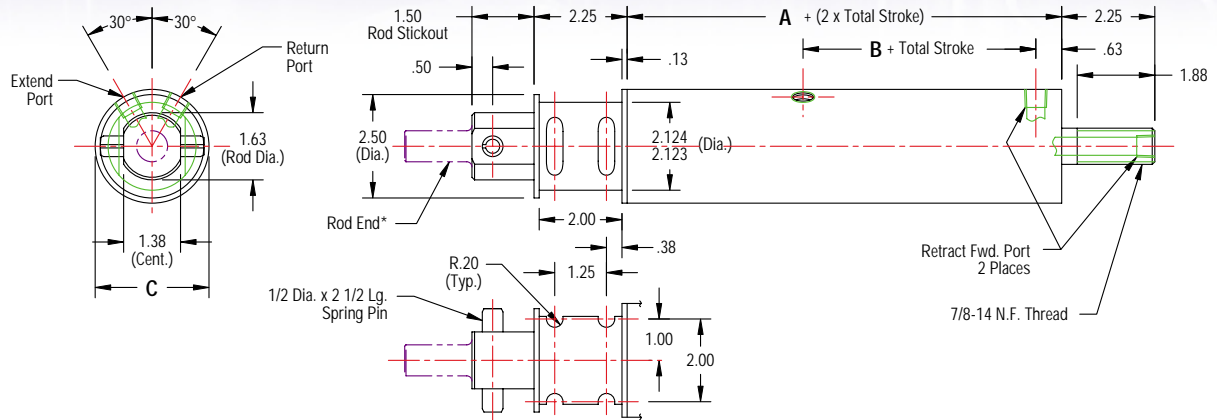
Coding Example	
AMD4-R-3250-R8-8 N6-20	Rod Stickout
	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

RETRACT CYLINDERS

Light Duty

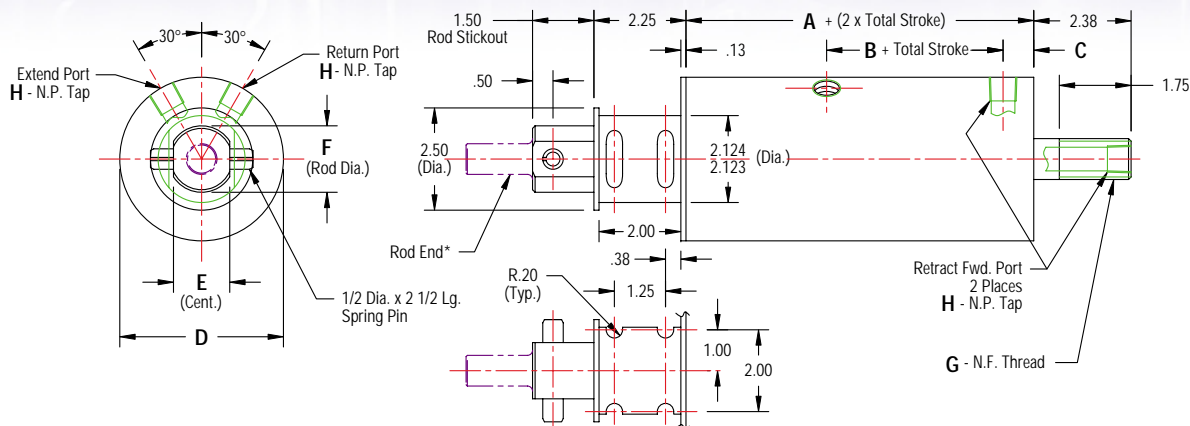


Model No.	A	B	C	Piston Sq. In. Area		
				Extend	Retract Fwd.	Return
AME3-R-2000-R(Retract Fwd. Stroke)-(Extend Stroke)*-56	4.38	2.31	2.25	5.10	3.14	1.96
AME3-R-2250-R(Retract Fwd. Stroke)-(Extend Stroke)*-56	4.38	2.31	2.50	6.67	3.97	2.70
AME3-R-2500-R(Retract Fwd. Stroke)-(Extend Stroke)*-56	4.38	2.31	2.75	8.44	4.90	3.53
AME3-R-2750-R(Retract Fwd. Stroke)-(Extend Stroke)*-56	4.38	2.31	3.00	10.40	5.93	4.47
AME3-R-3000-R(Retract Fwd. Stroke)-(Extend Stroke)*-56	4.38	2.31	3.25	12.50	7.07	5.93

Coding Example	
AME3-R-2000-R8-8 N6-56	Rod Stickout
	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.



Model No.									Piston Sq. In. Area		
	A	B	C	D	E	F	G	H	Extend	Retract Fwd.	Return
AME3-R-3250-R(Retract Fwd. Stroke)-(Extend Stroke)*-42	5.50	2.81	.75	3.50	1.38	1.62	1"-14	3/8-18	14.50	8.29	6.28
AME3-R-3500-R(Retract Fwd. Stroke)-(Extend Stroke)*-42	5.50	2.81	.75	3.75	1.38	1.62	1"-14	3/8-18	17.10	9.60	7.51
AME3-R-3750-R(Retract Fwd. Stroke)-(Extend Stroke)*-42	5.50	2.81	.75	4.00	1.38	1.62	1"-14	3/8-18	19.75	11.04	8.83
AME3-R-4000-R(Retract Fwd. Stroke)-(Extend Stroke)*-42	5.50	2.81	.75	4.25	1.38	1.62	1"-14	3/8-18	22.80	12.56	10.26
AME3-R-4500-R(Retract Fwd. Stroke)-(Extend Stroke)*-42	6.25	3.25	.81	5.00	1.50	1.75	1 1/4-12	1/2-14	27.00	15.90	11.08
AME3-R-5000-R(Retract Fwd. Stroke)-(Extend Stroke)*-42	6.25	3.25	.81	5.50	1.50	1.75	1 1/4-12	1/2-14	34.00	19.63	14.41
AME3-R-5500-R(Retract Fwd. Stroke)-(Extend Stroke)*-42	6.25	3.25	.81	6.00	1.50	1.75	1 1/4-12	1/2-14	38.10	23.75	18.14
AME3-R-6000-R(Retract Fwd. Stroke)-(Extend Stroke)*-42	6.25	3.25	.81	6.50	1.50	1.75	1 1/4-12	1/2-14	50.50	28.27	22.27

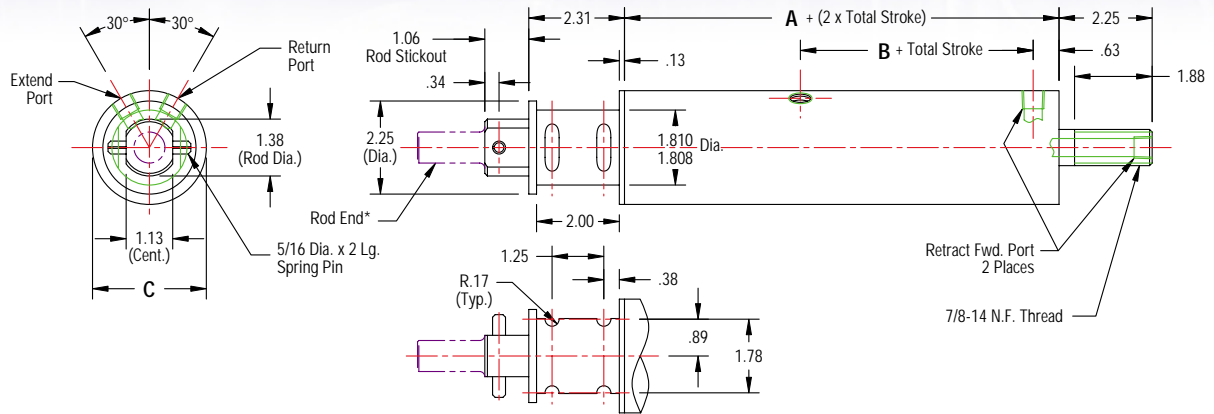
Coding Example	
AME3-R-3250-R8-8 N6-42	Rod Stickout
	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

RETRACT CYLINDERS

Light Duty



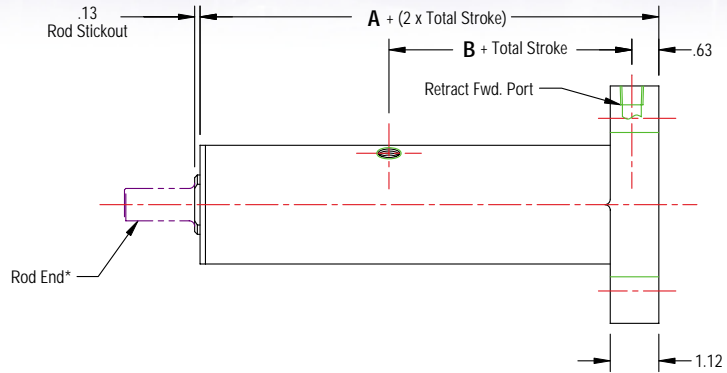
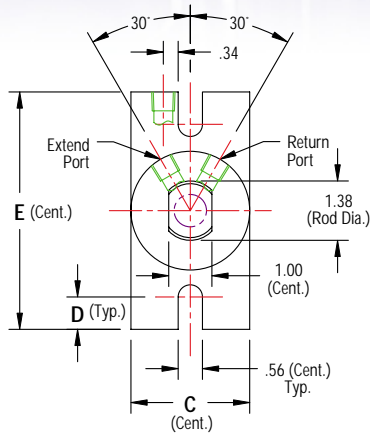
Model No.	Piston Sq. In. Area			Extend	Retract Fwd.	Return
	A	B	C			
AME2-R-2000-R(Retract Fwd. Stroke)-(Extend Stroke)*-50	4.38	2.31	2.25	5.10	3.14	1.96
AME2-R-2250-R(Retract Fwd. Stroke)-(Extend Stroke)*-50	4.38	2.31	2.50	6.67	3.97	2.70
AME2-R-2500-R(Retract Fwd. Stroke)-(Extend Stroke)*-50	4.38	2.31	2.75	8.44	4.90	3.53
AME2-R-2750-R(Retract Fwd. Stroke)-(Extend Stroke)*-50	4.38	2.31	3.00	10.40	5.93	4.47
AME2-R-3000-R(Retract Fwd. Stroke)-(Extend Stroke)*-50	4.38	2.31	3.25	12.50	7.07	5.93

Coding Example	
AME2-R-2000-R8-8 N6-50	Rod Stickout
	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Light Duty



Model No.						Piston Sq. In. Area		
	A	B	C	D	E	Extend	Retract Fwd.	Return
AMF-R-2000-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.62	2.62	2.25	.50	4.50	5.10	3.14	1.96
AMF-R-2250-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.62	2.62	2.50	.75	5.50	6.67	3.97	2.70
AMF-R-2500-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.62	2.62	2.75	.75	5.50	8.44	4.90	3.53
AMF-R-2750-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.62	2.62	3.00	.69	5.75	10.40	5.93	4.47
AMF-R-3000-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.62	2.62	3.25	.69	5.75	12.50	7.07	5.93

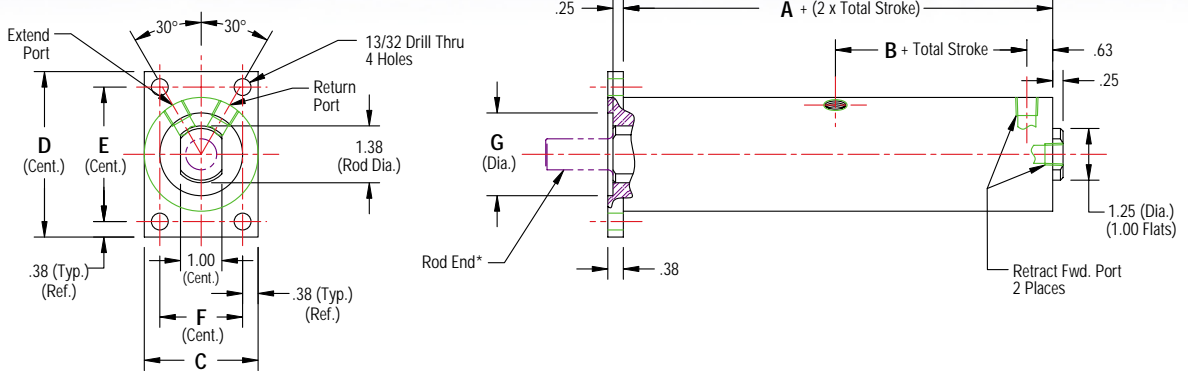
Coding Example	
AMF-R-2000-R8-8 N6	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

RETRACT CYLINDERS

Light Duty

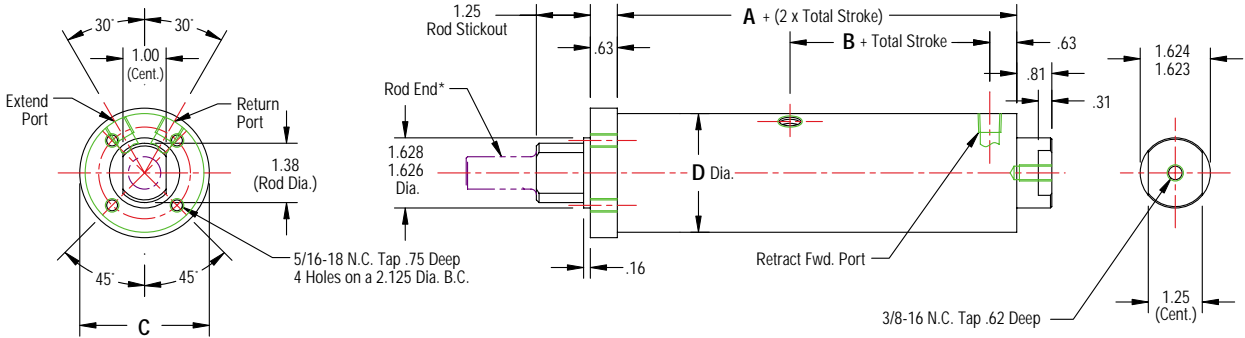


Model No.	Piston Sq. In. Area							Extend	Retract Fwd.	Return
	A	B	C	D	E	F	G			
AMH3-R-2000-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.38	2.31	2.25	3.50	2.75	1.50	1.56	5.10	3.14	1.96
AMH3-R-2250-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.38	2.31	2.50	3.75	3.00	1.75	2.00	6.67	3.97	2.70
AMH3-R-2500-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.38	2.31	2.75	4.00	3.25	2.00	2.00	8.44	4.90	3.53
AMH3-R-2750-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.38	2.31	3.00	4.25	3.50	2.25	2.00	10.40	5.93	4.47
AMH3-R-3000-R(Retract Fwd. Stroke)-(Extend Stroke)*	4.38	2.31	3.50	4.50	3.75	2.50	2.00	12.50	7.07	5.93

Coding Example	
AMH3-R-2000-R8-8 N6	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.



Model No.	Dimensions				Piston Sq. In. Area		
	A	B	C	D	Extend	Retract Fwd.	Return
AMH9P1-R-2000-R(Retract Fwd. Stroke)-(Extend Stroke)*-26	4.38	2.31	2.25	2.38	5.10	3.14	1.96
AMH9P1-R-2250-R(Retract Fwd. Stroke)-(Extend Stroke)*-26	4.38	2.31	2.50	2.62	6.67	3.97	2.70
AMH9P1-R-2500-R(Retract Fwd. Stroke)-(Extend Stroke)*-26	4.38	2.31	2.75	2.88	8.44	4.90	3.53
AMH9P1-R-2750-R(Retract Fwd. Stroke)-(Extend Stroke)*-26	4.38	2.31	3.00	3.12	10.40	5.93	4.47
AMH9P1-R-3000-R(Retract Fwd. Stroke)-(Extend Stroke)*-26	4.38	2.31	3.25	3.25	12.50	7.07	5.93

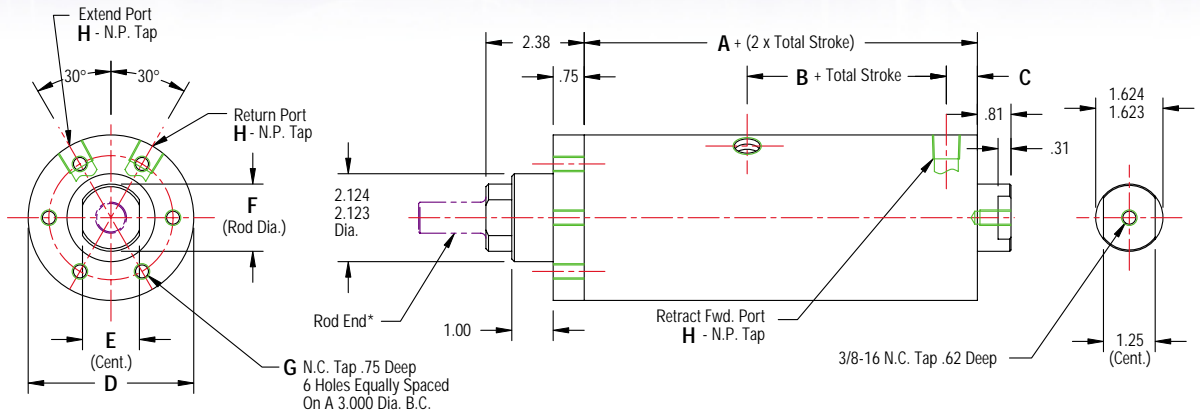
Coding Example	
AMH9P1-R-2000-R8-8 N6-26	Rod Stickout
	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

RETRACT CYLINDERS

Medium & Heavy Duty



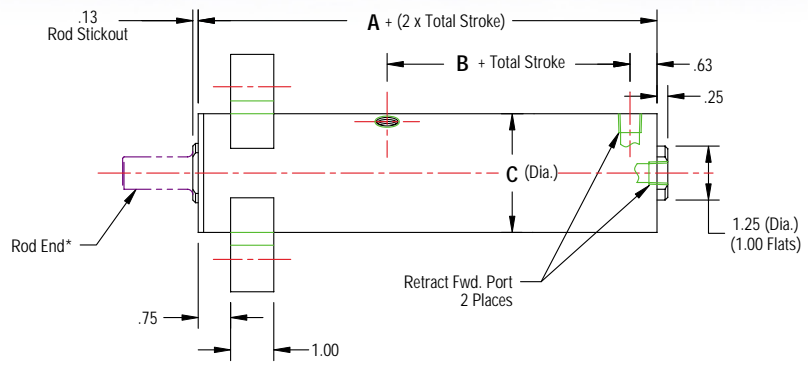
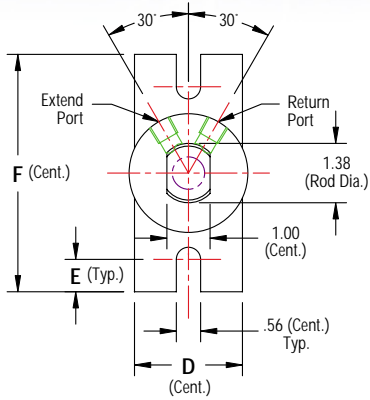
Model No.	A	B	C	D	E	F	G	H	Piston Sq. In. Area		
									Extend	Retract Fwd.	Return
AMH9P1-R-3250-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	5.50	2.81	.75	3.50	1.38	1.62	3/8-16	3/8-18	14.50	8.29	6.28
AMH9P1-R-3500-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	5.50	2.81	.75	3.75	1.38	1.62	3/8-16	3/8-18	17.10	9.60	7.51
AMH9P1-R-3750-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	5.50	2.81	.75	4.00	1.38	1.62	3/8-16	3/8-18	19.75	11.04	8.83
AMH9P1-R-4000-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	5.50	2.81	.75	4.25	1.38	1.62	3/8-16	3/8-18	22.80	12.56	10.26
AMH9P1-R-4500-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	6.25	3.25	.81	5.00	1.50	1.75	1/2-13	1/2-14	27.00	15.90	11.08
AMH9P1-R-5000-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	6.25	3.25	.81	5.50	1.50	1.75	1/2-13	1/2-14	34.00	19.63	14.41
AMH9P1-R-5500-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	6.25	3.25	.81	6.00	1.50	1.75	1/2-13	1/2-14	38.10	23.75	18.14
AMH9P1-R-6000-R(Retract Fwd. Stroke)-(Extend Stroke)*-20	6.25	3.25	.81	6.50	1.50	1.75	1/2-13	1/2-14	50.50	28.27	22.27

Coding Example	
AMH9P1-R-3250-R8-8 N6-20	Rod Stickout
	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

Light Duty



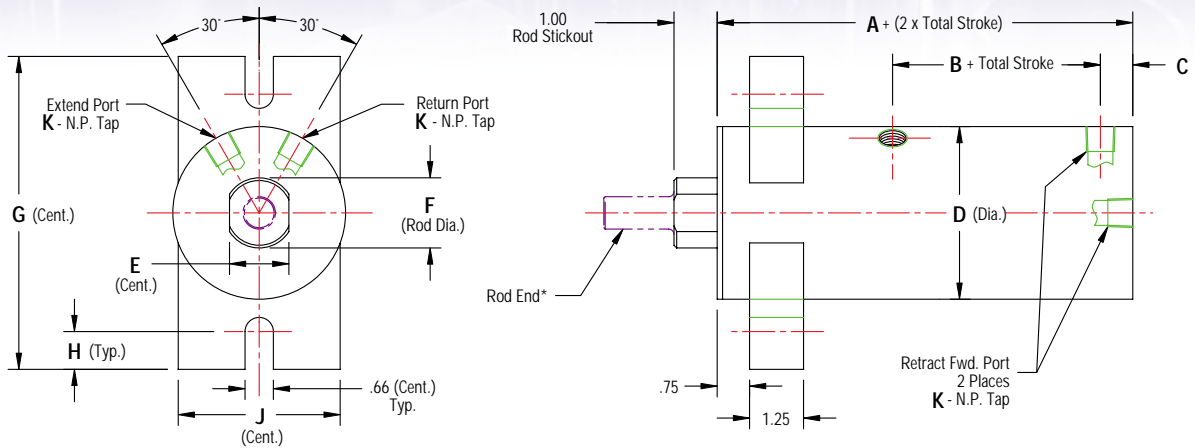
Model No.	A	B	C	D	E	F	Piston Sq. In. Area		
							Extend	Retract Fwd.	Return
AMJ3/4-R-2000-(Extend Stroke)*-R(Retract Fwd. Stroke)	4.50	2.31	2.25	2.12	.50	4.50	5.10	3.14	1.96
AMJ3/4-R-2250-(Extend Stroke)*-R(Retract Fwd. Stroke)	4.50	2.31	2.50	2.38	.75	5.50	6.67	3.97	2.70
AMJ3/4-R-2500-(Extend Stroke)*-R(Retract Fwd. Stroke)	4.50	2.31	2.75	2.62	.75	5.50	8.44	4.90	3.53
AMJ3/4-R-2750-(Extend Stroke)*-R(Retract Fwd. Stroke)	4.50	2.31	3.00	2.88	.69	5.75	10.40	5.93	4.47
AMJ3/4-R-3000-(Extend Stroke)*-R(Retract Fwd. Stroke)	4.50	2.31	3.25	3.12	.69	5.75	12.50	7.07	5.93

Coding Example	
AMJ3/4-R-2000-R8-8 N6	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

- Notes:**
- Both the Extend stroke and Retract stroke are available in .25" increments.
 - Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
 - *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
 - All ports are 1/4-18 standard pipe tap.

RETRACT CYLINDERS

Medium & Heavy Duty

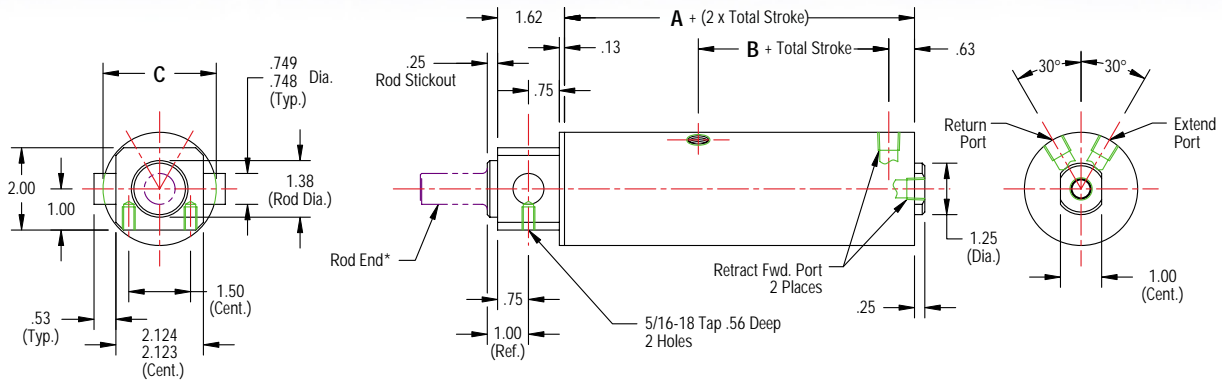


Model No.	A	B	C	D	E	F	G	H	J	K	Piston Sq. In. Area		
											Extend	Retract Fwd.	Return
AMJ3/4-R-3250-(Extend Stroke)*-R(Retract Fwd. Stroke)	5.62	2.81	.75	3.50	1.38	1.62	6.75	.75	3.25	3/8-18	14.50	8.29	6.28
AMJ3/4-R-3500-(Extend Stroke)*-R(Retract Fwd. Stroke)	5.62	2.81	.75	3.75	1.38	1.62	6.75	.75	3.50	3/8-18	17.10	9.60	7.51
AMJ3/4-R-3750-(Extend Stroke)*-R(Retract Fwd. Stroke)	5.62	2.81	.75	4.00	1.38	1.62	7.25	.75	3.75	3/8-18	19.75	11.04	8.83
AMJ3/4-R-4000-(Extend Stroke)*-R(Retract Fwd. Stroke)	5.62	2.81	.75	4.25	1.38	1.62	7.25	.75	4.00	3/8-18	22.80	12.56	10.26
AMJ3/4-R-4500-(Extend Stroke)*-R(Retract Fwd. Stroke)	6.38	3.25	.81	5.00	1.50	1.75	8.00	.62	4.75	1/2-14	27.00	15.90	11.08
AMJ3/4-R-5000-(Extend Stroke)*-R(Retract Fwd. Stroke)	6.38	3.25	.81	5.50	1.50	1.75	8.00	.62	5.25	1/2-14	34.00	19.63	14.41
AMJ3/4-R-5500-(Extend Stroke)*-R(Retract Fwd. Stroke)	6.38	3.25	.81	6.00	1.50	1.75	9.00	.62	5.75	1/2-14	38.10	23.75	18.14
AMJ3/4-R-6000-(Extend Stroke)*-R(Retract Fwd. Stroke)	6.38	3.25	.81	6.50	1.50	1.75	9.00	.62	6.25	1/2-14	50.50	28.27	22.27

Coding Example	
AMJ3/4-R-3250-R8-8 N6	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Extend stroke + Retract Fwd. stroke.)
- * Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.



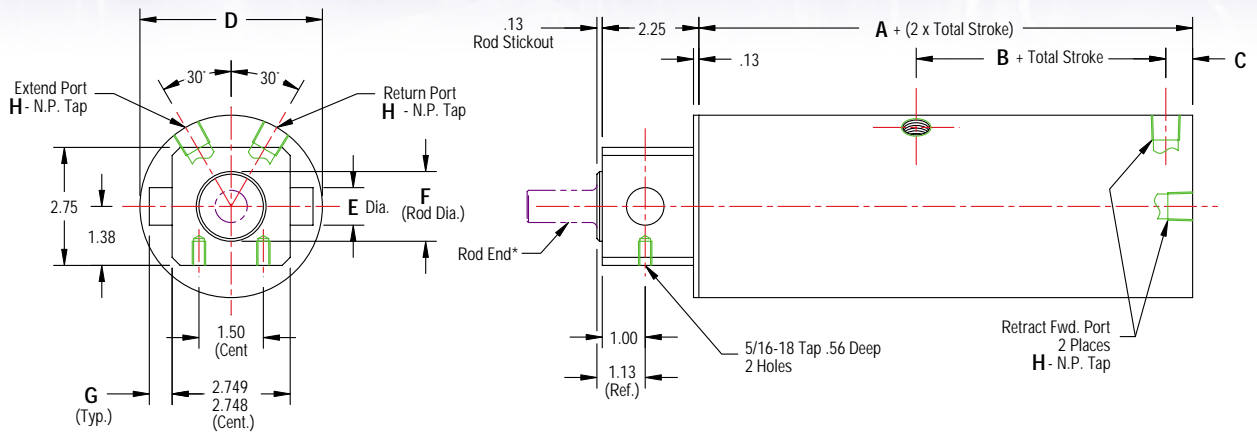
Model No.	Piston Sq. In. Area			Extend	Retract Fwd.	Return
	A	B	C			
AMT1-R-2000-R(Retract Fwd. Stroke)-(Extend Stroke)*-26-R	4.38	2.31	2.25	5.10	3.14	1.96
AMT1-R-2250-R(Retract Fwd. Stroke)-(Extend Stroke)*-26-R	4.38	2.31	2.50	6.67	3.97	2.70
AMT1-R-2500-R(Retract Fwd. Stroke)-(Extend Stroke)*-26-R	4.38	2.31	2.75	8.44	4.90	3.53
AMT1-R-2750-R(Retract Fwd. Stroke)-(Extend Stroke)*-26-R	4.38	2.31	3.00	10.40	5.93	4.47
AMT1-R-3000-R(Retract Fwd. Stroke)-(Extend Stroke)*-26-R	4.38	2.31	3.25	12.50	7.07	5.93

Coding Example	
AMT1-R-2000-R8-8 N6-26-R	Round Rod
	Rod Stickout
	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining
	American

- Notes:**
- Both the Extend stroke and Retract stroke are available in .25" increments.
 - Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
 - *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
 - All ports are 1/4-18 standard pipe tap.

RETRACT CYLINDERS

Medium & Heavy Duty



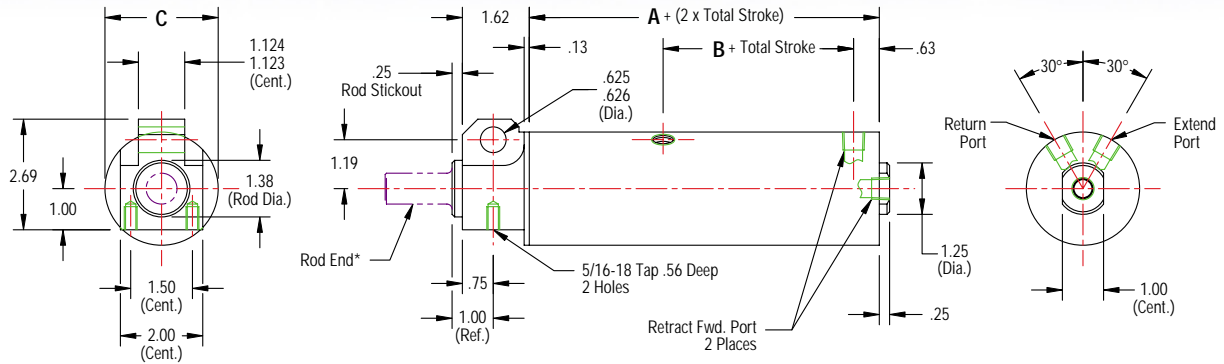
Model No.	A	B	C	D	E	F	G	H	Piston Sq. In. Area		
									Extend	Retract Fwd.	Return
AMT1-R-3250-R(Retract Fwd. Stroke)-(Extend Stroke)*-20-R	5.50	2.81	.75	3.50	874/873	1.62	.53	3/8-18	14.50	8.29	6.28
AMT1-R-3500-R(Retract Fwd. Stroke)-(Extend Stroke)*-20-R	5.50	2.81	.75	3.75	874/873	1.62	.53	3/8-18	17.10	9.60	7.51
AMT1-R-3750-R(Retract Fwd. Stroke)-(Extend Stroke)*-20-R	5.50	2.81	.75	4.00	874/873	1.62	.53	3/8-18	19.75	11.04	8.83
AMT1-R-4000-R(Retract Fwd. Stroke)-(Extend Stroke)*-20-R	5.50	2.81	.75	4.25	874/873	1.62	.53	3/8-18	22.80	12.56	10.26
AMT1-R-4500-R(Retract Fwd. Stroke)-(Extend Stroke)*-20-R	6.25	3.25	.81	5.00	999/998	1.75	.66	1/2-14	27.00	15.90	11.08
AMT1-R-5000-R(Retract Fwd. Stroke)-(Extend Stroke)*-20-R	6.25	3.25	.81	5.50	999/998	1.75	.66	1/2-14	34.00	19.63	14.41
AMT1-R-5500-R(Retract Fwd. Stroke)-(Extend Stroke)*-20-R	6.25	3.25	.81	6.00	999/998	1.75	.66	1/2-14	38.10	23.75	18.14
AMT1-R-6000-R(Retract Fwd. Stroke)-(Extend Stroke)*-20-R	6.25	3.25	.81	6.50	999/998	1.75	.66	1/2-14	50.50	28.27	22.27

Coding Example	
AMT1-R-3250-R8-8 N6-20-R	Round Rod
	Rod Stickout
	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining
	American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- **Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.

Light Duty



Model No.	A	B	C	Piston Sq. In. Area		
				Extend	Retract Fwd.	Return
AMT2-R-2000-R(Retract Fwd. Stroke)-(Extend Stroke)*-26-R	4.38	2.31	2.25	5.10	3.14	1.96
AMT2-R-2250-R(Retract Fwd. Stroke)-(Extend Stroke)*-26-R	4.38	2.31	2.50	6.67	3.97	2.70
AMT2-R-2500-R(Retract Fwd. Stroke)-(Extend Stroke)*-26-R	4.38	2.31	2.75	8.44	4.90	3.53
AMT2-R-2750-R(Retract Fwd. Stroke)-(Extend Stroke)*-26-R	4.38	2.31	3.00	10.40	5.93	4.47
AMT2-R-3000-R(Retract Fwd. Stroke)-(Extend Stroke)*-26-R	4.38	2.31	3.25	12.50	7.07	5.93

Coding Example	
AMT2-R-2000-R8-8 N6-26-R	Round Rod
	Rod Stickout
	Rod End Style*
	Extend Stroke 1/4" Increments
	Retract Fwd. Stroke 1/4" Increments
	Bore
	Retract
	Mount Style
	Machining
	American

Notes:

- Both the Extend stroke and Retract stroke are available in .25" increments.
- Total Stroke must be in .50" increments.** (Total Stroke = Retract Fwd. Stroke + Extend Stroke)
- *Add "Rod End Style" code to model no. Refer to pages 10 & 11 for Rod End options.
- All ports are 1/4-18 standard pipe tap.

Proximity Switch Cylinder Coding Examples

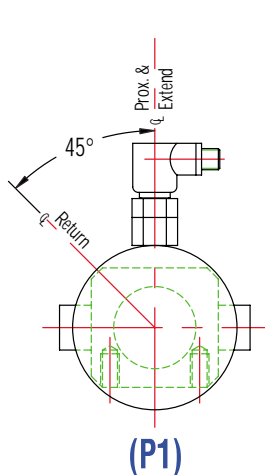
American Machining *Mounting Style* *Piston Type* *Prox. Position* *Bore (3.25)* *Extend Stroke (1/4" Incr.)* *Rod End Style* *Rod Slickout (1/16" Incr.)* *Round Rod*

AM T1 - G2 (P1) - 3250 - 12 N6+ - 20 - R

Standard cylinder coding with "P1" Proximity Switch position.

AM T1 - G2 (P1R2) - 3250 - 12 N6+ - 20 - R

Cylinder coding with "P1" Proximity Switch position and special "R2" Return Port position.

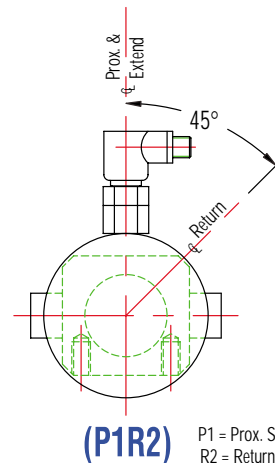
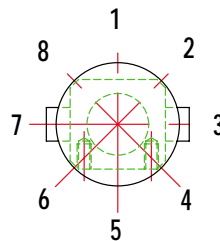


"P1" Proximity Switch Position with Standard Return Port Position

Prox. Positions Available: 1 thru 8

The Return Port follows the Prox. Switch by 45° on cylinders with diameters of 2.50" thru 4.00"

The Return Port follows the Prox. Switch by 90° on cylinders with diameters of 1.75" thru 2.25"



"P1" Proximity Switch Position with Special Return Port Position

Prox. Positions Available: 1 thru 8

The Return Port can be coded in any position with a minimum of 45° between it and the Proximity Switch on cylinders with diameters of 2.50" thru 4.00" and a minimum of 90° between it and the Proximity Switch on cylinders with diameters of 1.75" thru 2.25"

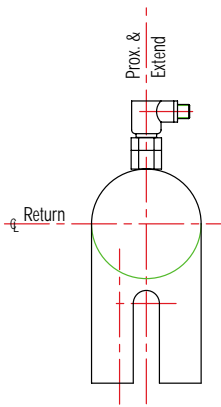
P1 = Prox. Switch in Position 1
R2 = Return Port in Position 2

Note: - Views are from the rear of the cylinder.

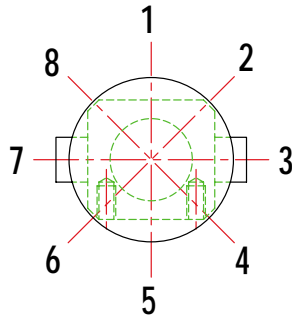
- Examples are for dual and triple piston cylinders.
- Cylinders with a diameter of over 4.00" can not have a prox. switch mounted in positions 1 thru 8.

Proximity Switch Positions

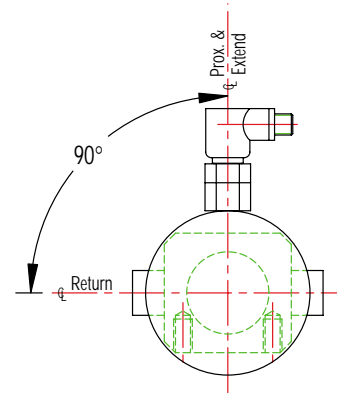
For Dual and Triple Piston Cylinders
Cyl. Diameters: 1.75" thru 2.25"



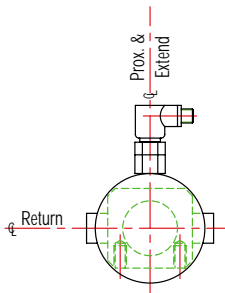
Example of "P1" Prox. Position on a "C" Mtg. Style Cylinder



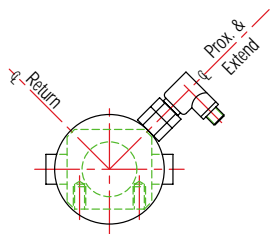
Available Proximity Switch Positions as Viewed From the Rear of the Cylinder ("T1" Mtg. Style Shown)



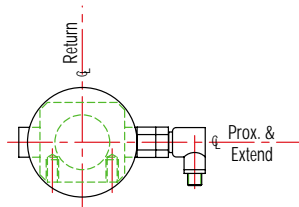
The Return Port Follows the Prox. Switch by 90° on These Cylinders. (As Shown in This Example)



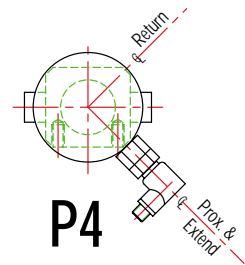
P1



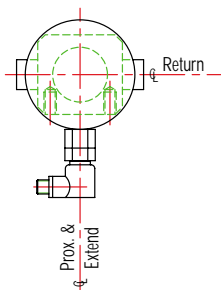
P2



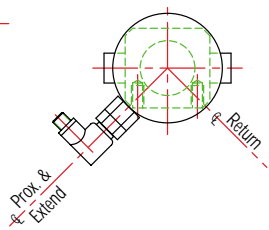
P3



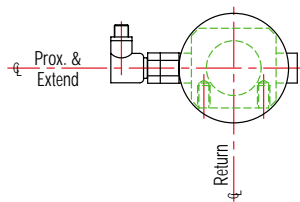
P4



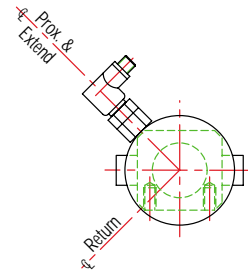
P5



P6

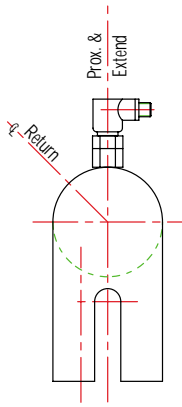


P7

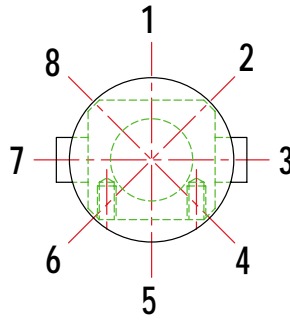


P8

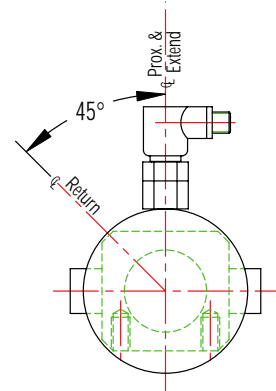
Proximity Switch Positions For Dual and Triple Piston Cylinders Cyl. Diameters: 2.50" thru 4.00"



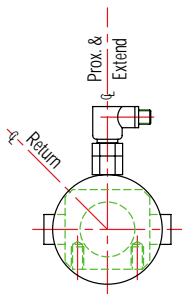
Example of "P1" Prox. Position on a "C" Mtg. Style Cylinder



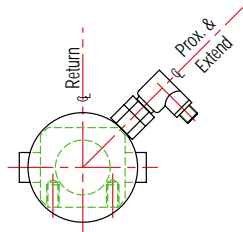
Available Proximity Switch Positions as Viewed From the Rear of the Cylinder ("T1" Mtg. Style Shown)



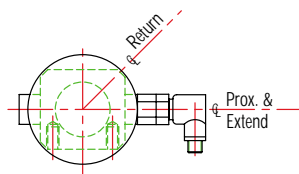
The Return Port Follows the Prox. Switch by 45° on These Cylinders. (As Shown in This Example)



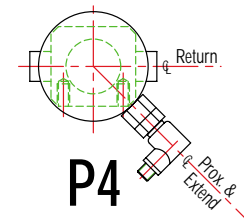
P1



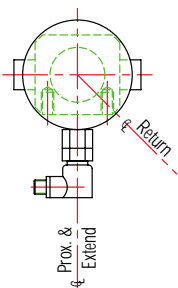
P2



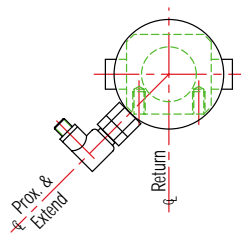
P3



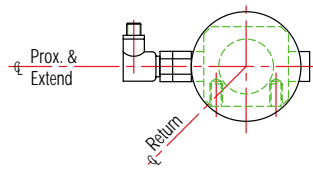
P4



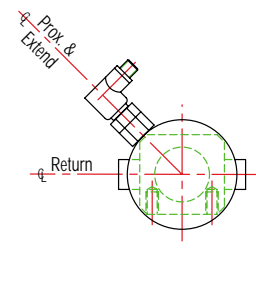
P5



P6

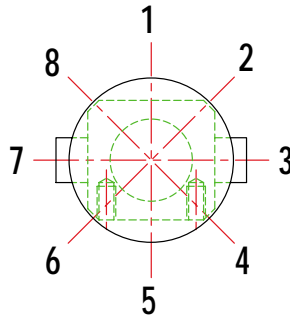


P7

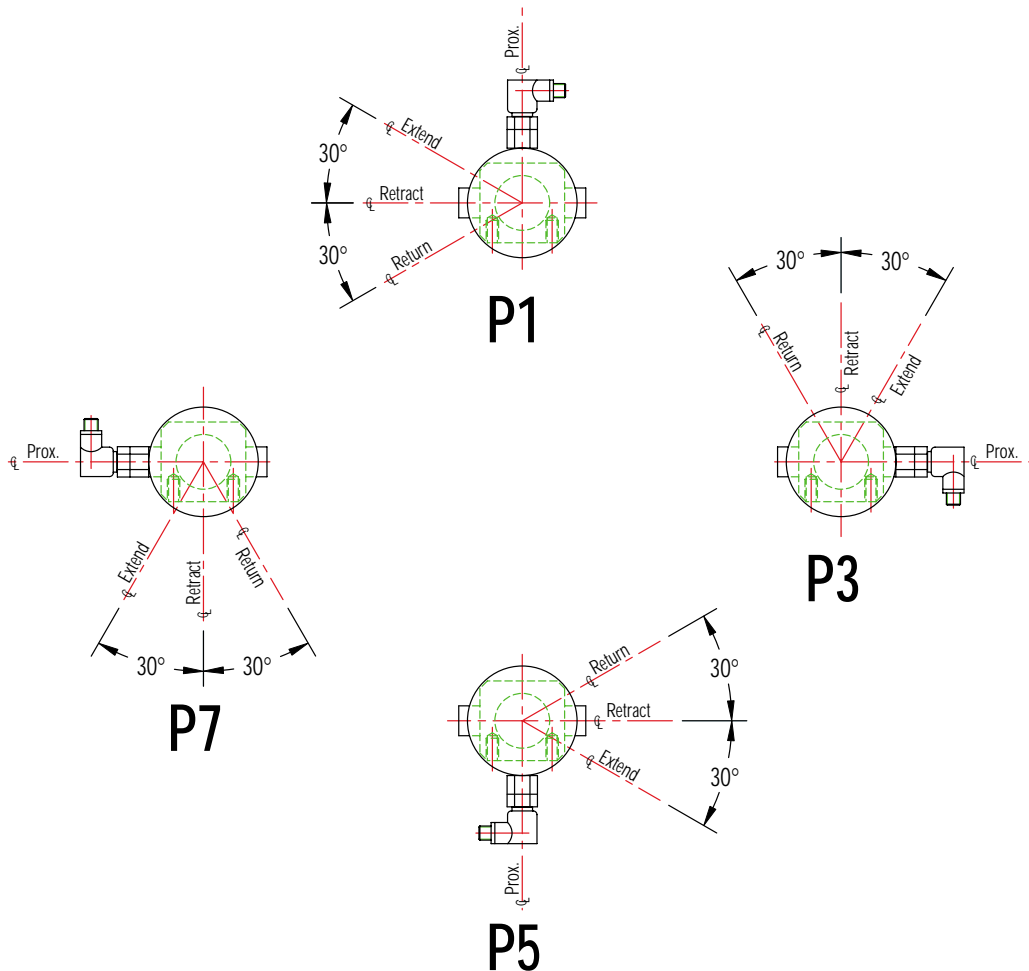


P8

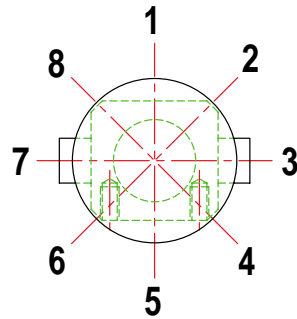
Proximity Switch Positions For Light Duty Retract Cylinders



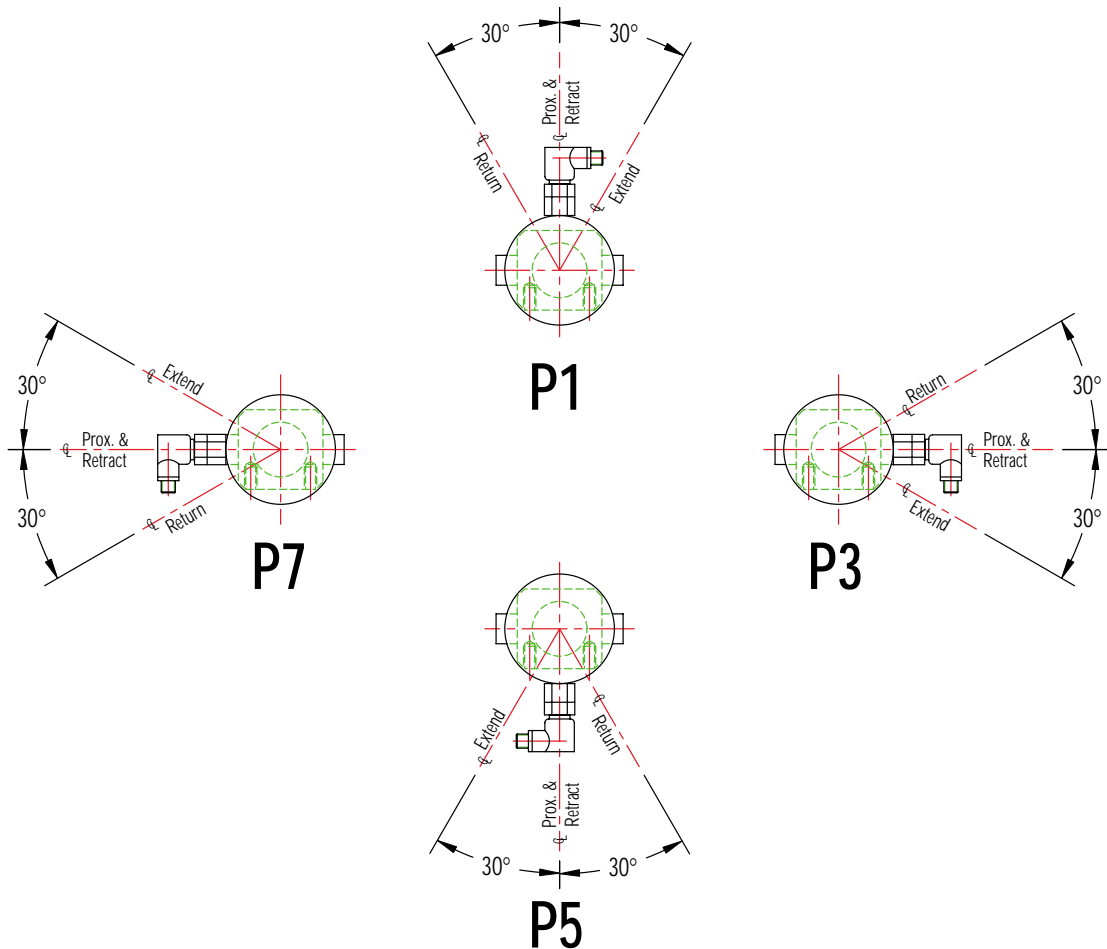
Available Proximity Switch Positions as Viewed From the Rear of the Cylinder (*T1* Mtg. Style Shown)



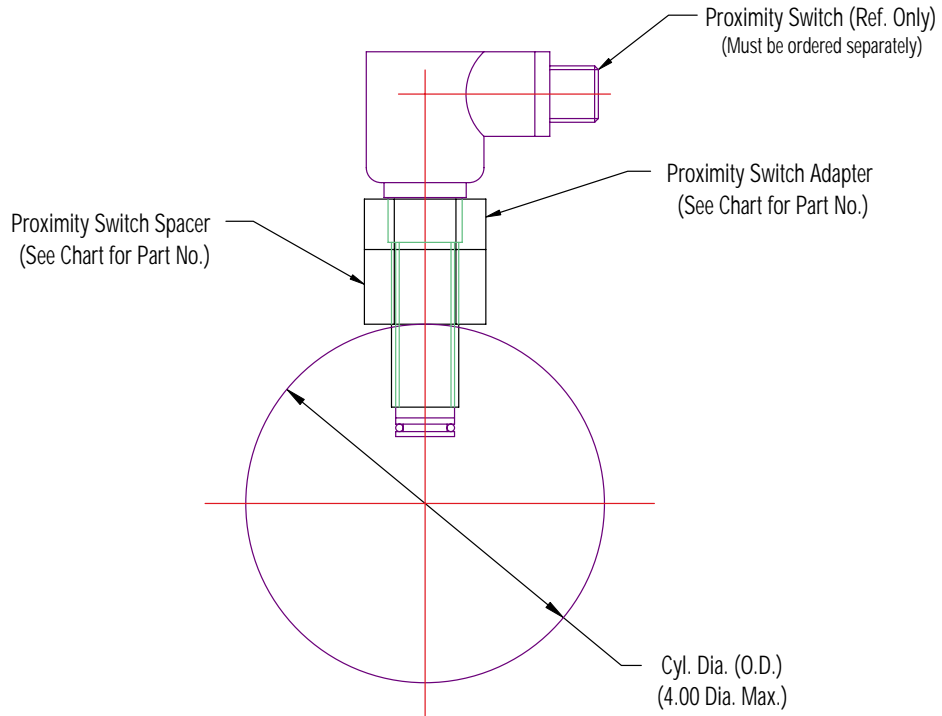
Proximity Switch Positions For Medium Duty Retract Cylinders (4.00 Max. Cyl. Diameter)



Available Proximity Switch Positions as Viewed From the Rear of the Cylinder (*T1* Mtg. Style Shown)



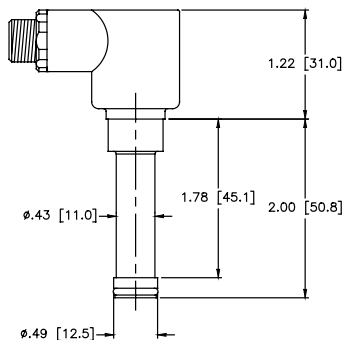
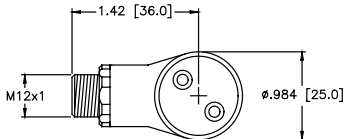
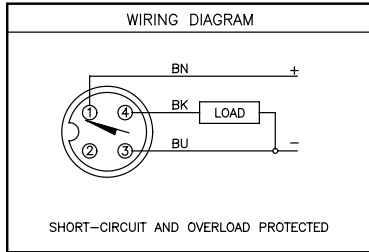
Proximity Switch Spacer Assembly



AMPSA-P102	AMPS-P102		----	Med. Duty - P10
AMPSA-P101	AMPS-P101		----	Light & Heavy Duty - P10
AMPSA-400	AMPS-400		4.00	3750
AMPSA-375	AMPS-375		3.75	3500
AMPSA-350	AMPS-350		3.50	3250
AMPSA-325	AMPS-325	AMPA-1	3.25	3000
AMPSA-300	AMPS-300		3.00	2750
AMPSA-275	AMPS-275		2.75	2500
AMPSA-250	AMPS-250		2.50	2250
AMPSA-225	AMPS-225		2.25	2000
AMPSA-200	AMPS-200		2.00	1750
Spacer Assy No.	Spacer No.	Adapter No.	Cyl. Dia. (O.D.)	Used on Cyl.

TURCK *works*

Proximity Switch



NOTES:

1. SENSOR IS WELD FIELD IMMUNE. SUITABLE FOR USE ON RESISTANCE WELDING MACHINES.
2. ROTATION CAPABILITY OF THE SENSOR IS 360°.
3. O-RING INCLUDED WITH SENSOR.
4. INTERNAL PART NUMBER: 10240120

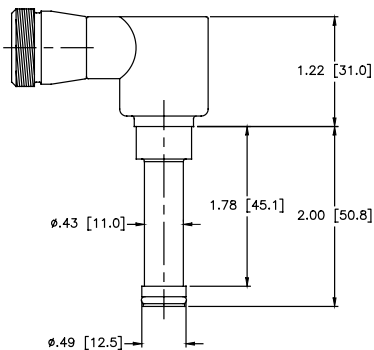
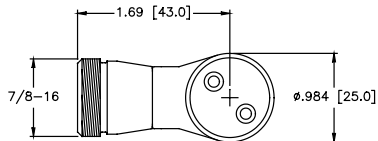
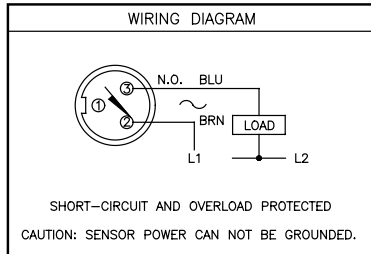
SPECIFICATIONS	
OPERATING VOLTAGE	10-65 VDC (SHORT-CIRCUIT PROTECTED)
RIPPLE	≤ 10%
HYSTERESIS (DIFFERENTIAL TRAVEL)	1-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SWITCH	1.8V AT 200mA
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF CONTAINED
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR SHORT-CIRCUIT PROTECTION	250-350 mA
CONTINUOUS LOAD CURRENT	≤ 200mA
RESIDUAL CURRENT (LEAKAGE)	< 10 uA
NO LOAD CURRENT	7.5mA AT 24VDC/10.0mA AT 65VDC
TIME DELAY BEFORE AVAILABILITY	< 25ms
POWER-ON EFFECT PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	EN60947-5-2
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
ENCLOSURE	MEETS NEMA 1,3,4,6,13 AND IEC IP67
SHOCK	≤ 30 g, 11 ms
VIBRATION	10 Hz to 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	GREEN = POWER ON YELLOW = OUTPUT ENERGIZED
SENSING RANGE	1.8 mm = .071" (NOMINAL)
SWITCHING FREQUENCY	30 Hz
REPEATABILITY	< 1% OF NOMINAL SENSING RANGE
OPERATING PRESSURE	1500 PSI (MAX. APPLIED 3000 PSI)
RESPONSE TIME	15 ms MAX.
EMBEDDABLE	YES
MATING PLUGS/CABLES	4-PIN "EUROFAST" CONSTRUCTION

TURCK

UNIT OF MEASUREMENT
INCH (MILLIMETER)

IDENTIFICATION NO.
T4270496

Proximity Switch



NOTES:

1. SENSOR IS WELD FIELD IMMUNE. SUITABLE FOR USE ON RESISTANCE WELDING MACHINES.
2. SENSOR GROUND NOT CONNECTED INTERNALLY.
3. ROTATION CAPABILITY OF THE SENSOR IS 360°.
4. O-RING INCLUDED WITH SENSOR.
5. INTERNAL PART NUMBER: 10240103

SPECIFICATIONS	
OPERATING VOLTAGE	20-250 VAC/10-300 VDC
LINE FREQUENCY	40-60 Hz
HYSTERESIS (DIFFERENTIAL TRAVEL)	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 6.0 V at 400 mA
OUTPUT FUNCTION	NORMALLY OPEN 2-WIRE AC/DC SELF-CONTAINED
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 500 mA
CONTINUOUS LOAD CURRENT	≤ 400 mA
LEAKAGE (OFF-STATE) CURRENT	≤ 1.7 mA
MINIMUM LOAD CURRENT	≥ 3.0 mA
INRUSH CURRENT	20-140 VAC = 2.4 A 140-250 VAC = N/A 20-250 VDC = N/A
POWER-ON EFFECT PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	EN 60947-5-2
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
ENCLOSURE	MEETS NEMA 1,3,4,6,13 AND IEC IP67
SHOCK	30 g, 11 ms
VIBRATION	10 Hz to 55 Hz, 1 mm AMPLITUDE (ALL 3 PLANES)
LED FUNCTION	GREEN: POWER ON GREEN FLASHING: SHORT-CIRCUIT OR OVERLOAD PROTECTION RED: OUTPUT ENERGIZED
RATED OPERATING DISTANCE(Sn)	1.8mm = .071" (NOMINAL)
SWITCHING FREQUENCY	30 Hz
REPEATABILITY	≤ 1% of RATED OPERATING DISTANCE
OPERATING PRESSURE	1500 PSI (MAX. APPLIED 3000 PSI)
SHIELDED	YES
RESPONSE TIME	15 ms MAX.
MATING PLUGS/CABLES	3-PIN "MINIFAST" CONSTRUCTION

TURCK

UNIT OF MEASUREMENT
INCH (MILLIMETER)

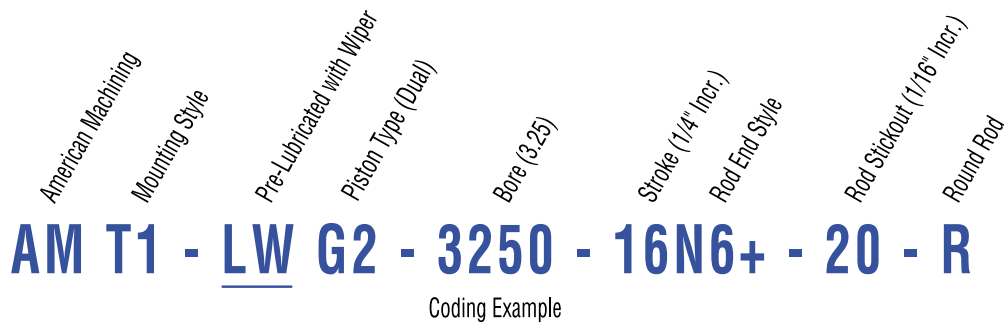
IDENTIFICATION NO.
T4270497

AMSI Pre-Lubricated Cylinders

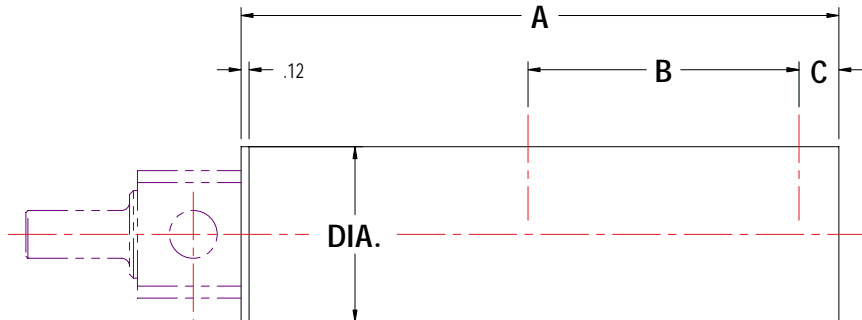
Many industrial applications today require cylinders that are self lubricating. Some cylinders operate in an environment where it is either not possible, or it is very difficult to add lubrication to the air that is entering the cylinder. It takes time and money to fill and maintain in-line lubricators. There are also many instances where exhausting an oily mist into the atmosphere is not permissible.

For these reasons AMSI has developed a pre-lubricated line of pneumatic cylinders. Special lubrication reservoirs are designed into the cylinder which keep the seals and moving parts lubricated without the need of fluid in the supply lines. Special long lasting seals and wear bands on all pistons are used to provide for a long leak-free cylinder life. Finally, heavy duty rod wipers are employed to help keep out water and contaminants in unclean environments.

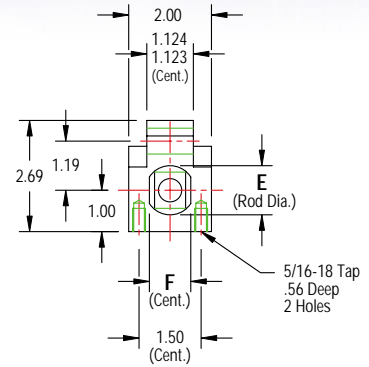
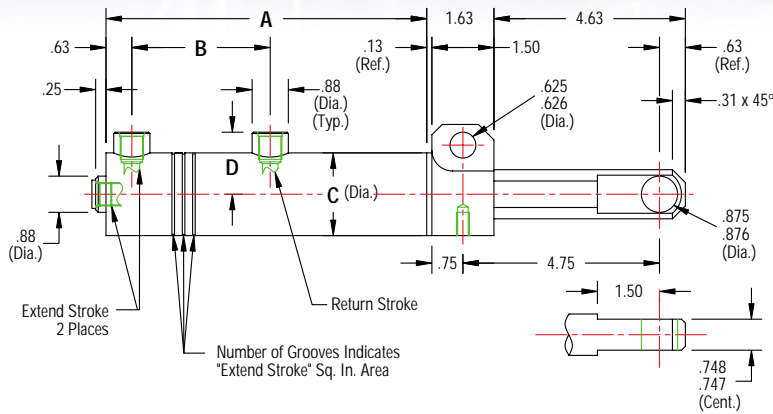
If maintenance free and long lasting cylinder operation is what you are looking for, consider AMSI's line of Pre-Lubricated Pneumatic Cylinders.



AMSI Pre-Lubricated Cylinders



Length Differences Between Standard and Pre-Lubricated Cylinders					
Cylinder Type		Bore	A	B	C
Light Duty	Dual Piston	1.75 thru 3.00	"A" dim. + 1.00"	"B" dim. + .81	.50
Medium Duty		3.25 thru 4.00	"A" dim. + 1.00"	"B" dim. + .69	.75
Heavy Duty		4.50 thru 6.00	"A" dim. + 1.00"	"B" dim. + .62	.81
Light Duty	Triple Piston	1.75 thru 3.00	"A" dim. + 1.50"	"B" dim. + .81	.50
Medium Duty		3.25 thru 4.00	"A" dim. + 1.50"	"B" dim. + .69	.75
Heavy Duty		4.50 thru 6.00	"A" dim. + 1.50"	"B" dim. + .62	.81
Light Duty	Retractable	1.75 thru 3.00	"A" dim. + 1.12"	"B" dim. + .81	.62
Medium Duty		3.25 thru 4.00	"A" dim. + 1.00"	"B" dim. + .81	.75
Heavy Duty		4.50 thru 6.00	"A" dim. + 1.00"	"B" dim. + .62	.81
Pre-Lubricated Cylinder Dimensions					
Cylinder Type		Bore	A	B	C
Light Duty	Dual Piston	1.75 thru 3.00	(2 x Stroke) + 4.25	Stroke + 2.06	.50
Medium Duty		3.25 thru 4.00	(2 x Stroke) + 5.62	Stroke + 2.50	.75
Heavy Duty		4.50 thru 6.00	(2 x Stroke) + 6.38	Stroke + 2.88	.81
Light Duty	Triple Piston	1.75 thru 3.00	(3 x Stroke) + 5.88	Stroke + 2.06	.50
Medium Duty		3.25 thru 4.00	(3 x Stroke) + 7.62	Stroke + 2.50	.75
Heavy Duty		4.50 thru 6.00	(3 x Stroke) + 8.62	Stroke + 2.88	.81
Light Duty	Retractable	1.75 thru 3.00	(2 x Total Stroke) + 5.62	Total Stroke + 3.12	.62
Medium Duty		3.25 thru 4.00	(2 x Total Stroke) + 6.62	Total Stroke + 3.62	.75
Heavy Duty		4.50 thru 6.00	(2 x Total Stroke) + 7.38	Total Stroke + 3.88	.81
Diameter Differences Between Standard and Pre-Lubricated Cylinders					
Cylinder Type		Bore	Pre-Lube Cylinder Dia.	Std. Cylinder Dia.	
Light Duty	Retractable	2.00	2.38	2.25	
		2.25	2.62	2.50	
		2.50	2.88	2.75	
		2.75	3.12	3.00	
		3.00	3.38	3.25	
Note: All other Pre-Lubricated cylinders have the same dia. as the standard cylinder model.					

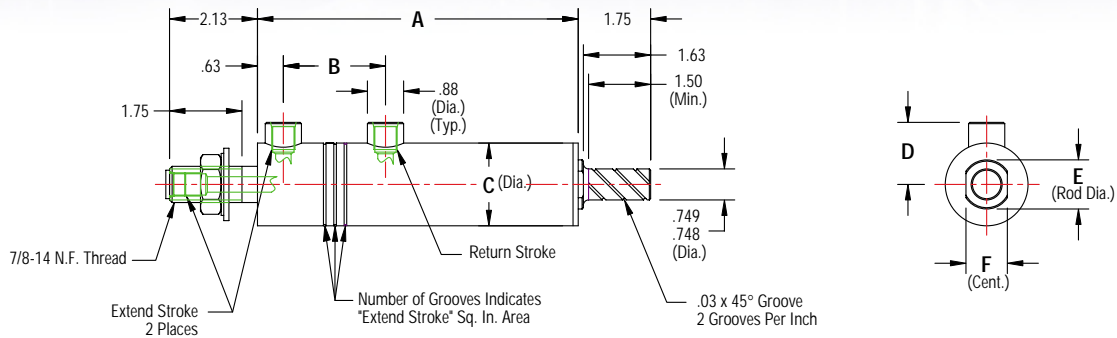


Model No.	Stroke	A	B	C	D	E	F	Piston Sq. In. Area	
								Extend	Return
WY3-2LS-1-3	1.50	7.75	3.34	2.00	1.50	1.19	1.00	1.00	0.55
WY3-2LS-1-4	2.00	8.75	3.84						
WY3-2LS-1-6	3.00	9.75	3.84						
WY3-2LS-1-8	4.00	11.75	4.84						
WY3-2LS-1-10	5.00	13.75	5.84						
WY3-2LS-1-12	6.00	15.75	6.84						
WY3-2LS-1-3-S*	1.50	7.75	3.34	1.75	1.41	1.19	1.00	1.00	0.55
WY3-2LS-1-4-S*	2.00	8.75	3.84						
WY3-2LS-1-6-S*	3.00	9.75	3.84						
WY3-2LS-1-8-S*	4.00	11.75	4.84						
WY3-2LS-1-10-S*	5.00	13.75	5.84						
WY3-2LS-1-12-S*	6.00	15.75	6.84						
WY3-2LS-2-3	1.50	7.75	3.34	2.00	1.50	1.19	1.00	2.00	0.55
WY3-2LS-2-4	2.00	8.75	3.84						
WY3-2LS-2-6	3.00	9.75	3.84						
WY3-2LS-2-8	4.00	11.75	4.84						
WY3-2LS-2-10	5.00	13.75	5.84						
WY3-2LS-2-12	6.00	15.75	6.84						
WY3-2LS-2-3-S*	1.50	7.75	3.34	1.75	1.41	1.19	1.00	2.00	0.55
WY3-2LS-2-4-S*	2.00	8.75	3.84						
WY3-2LS-2-6-S*	3.00	9.75	3.84						
WY3-2LS-2-8-S*	4.00	11.75	4.84						
WY3-2LS-2-10-S*	5.00	13.75	5.84						
WY3-2LS-2-12-S*	6.00	15.75	6.84						
WY3-2LS-3-3	1.50	7.75	3.50	2.25	1.62	1.38	1.13	3.09	1.32
WY3-2LS-3-4	2.00	8.75	4.00						
WY3-2LS-3-6	3.00	9.75	4.00						
WY3-2LS-3-8	4.00	11.75	5.00						
WY3-2LS-3-10	5.00	13.75	6.00						
WY3-2LS-3-12	6.00	15.75	7.00						
WY3-2LS-3-3-S*	1.50	7.75	3.50	2.00	1.50	1.38	1.13	3.09	1.32
WY3-2LS-3-4-S*	2.00	8.75	4.00						
WY3-2LS-3-6-S*	3.00	9.75	4.00						
WY3-2LS-3-8-S*	4.00	11.75	5.00						
WY3-2LS-3-10-S*	5.00	13.75	6.00						
WY3-2LS-3-12-S*	6.00	15.75	7.00						

Coding Example	
WY3-2LS-1-4(-S)	Small Barrel
	Stroke 1/2" Increments
	Extend Stroke Sq. In. Area
	Pincher Type Less Springs
	Fixture Type Hydraulic Spotwelding

Note:
 • All ports are 9/16-18 UNF-2B.
 • * "S" (small barrel) cylinders are for special applications only!

HYDRAULIC CYLINDERS

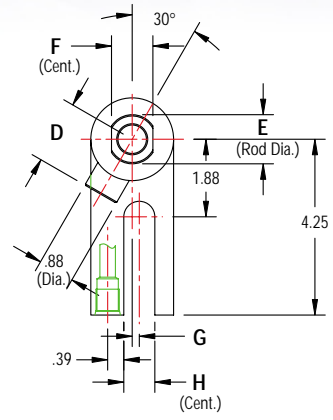
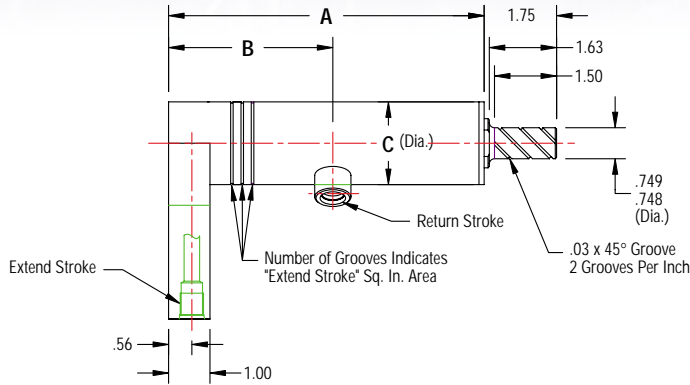


Model No.	Stroke	A	B	C	D	E	F	Piston Sq. In. Area	
								Extend	Return
WY3-1LS-1-1-B	.50	4.62	1.47	2.00	1.50	1.19	1.00	1.00	0.55
WY3-1LS-1-2-B	1.00	5.62	1.97						
WY3-1LS-1-3-B	1.50	7.75	2.47						
WY3-1LS-1-4-B	2.00	8.75	2.97						
WY3-1LS-1-6-B	3.00	9.75	3.97	1.75	1.41	1.19	1.00	1.00	0.55
WY3-1LS-1-1-BS*	.50	4.62	1.47						
WY3-1LS-1-2-BS*	1.00	5.62	1.97						
WY3-1LS-1-3-BS*	1.50	7.75	2.47						
WY3-1LS-1-4-BS*	2.00	8.75	2.97						
WY3-1LS-1-6-BS*	3.00	9.75	3.97						
WY3-1LS-2-1-B	.50	4.62	1.47	2.00	1.50	1.19	1.00	2.00	0.55
WY3-1LS-2-2-B	1.00	5.62	1.97						
WY3-1LS-2-3-B	1.50	7.75	2.47						
WY3-1LS-2-4-B	2.00	8.75	2.97						
WY3-1LS-2-6-B	3.00	9.75	3.97						
WY3-1LS-2-1-BS*	.50	4.62	1.47	1.75	1.41	1.19	1.00	2.00	0.55
WY3-1LS-2-2-BS*	1.00	5.62	1.97						
WY3-1LS-2-3-BS*	1.50	7.75	2.47						
WY3-1LS-2-4-BS*	2.00	8.75	2.97						
WY3-1LS-2-6-BS*	3.00	9.75	3.97						
WY3-1LS-3-1-B	.50	4.62	1.50						
WY3-1LS-3-2-B	1.00	5.62	2.00						
WY3-1LS-3-3-B	1.50	7.75	3.62						
WY3-1LS-3-4-B	2.00	8.75	4.12						
WY3-1LS-3-6-B	3.00	9.75	4.12						
WY3-1LS-3-1-BS*	.50	4.62	1.50	2.00	1.50	1.38	1.13	3.09	1.32
WY3-1LS-3-2-BS*	1.00	5.62	2.00						
WY3-1LS-3-3-BS*	1.50	7.75	3.62						
WY3-1LS-3-4-BS*	2.00	8.75	4.12						
WY3-1LS-3-6-BS*	3.00	9.75	4.12						

Coding Example	
WY3-1LS-1-4-B(S)	Small Barrel
	Stud Mount
	Stroke 1/2" Increments
	Extend Stroke Sq. In. Area
	Straight Type Less Springs
	Fixture Type Hydraulic Spotwelding

Note:

- All ports are 9/16-18 UNF-2B.
- 4.00, 5.00, and 6.00 inch stroke also available.
- For each additional inch of stroke after 3.00, add 2.00 to dim. "A" and 1.00 to dim. "B".
- * "BS" (small barrel) cylinders are for special applications only!



Model No.	Stroke	A	B	C	D	E	F	G	H	Piston Sq. In. Area	
										Extend	Return
WY3-1LS-1-1-CD	.50	4.50	2.22	2.00	1.53	1.19	1.00	.17	.75	1.00	0.55
WY3-1LS-1-2-CD	1.00	5.50	2.78								
WY3-1LS-1-3-CD	1.50	7.62	3.97								
WY3-1LS-1-4-CD	2.00	8.62	4.47								
WY3-1LS-1-6-CD	3.00	9.62	4.47								
WY3-1LS-1-1-CDS*	.50	4.50	2.22	1.75	1.41	1.19	1.00	.19	.66	1.00	0.55
WY3-1LS-1-2-CDS*	1.00	5.50	2.78								
WY3-1LS-1-3-CDS*	1.50	7.62	3.97								
WY3-1LS-1-4-CDS*	2.00	8.62	4.47								
WY3-1LS-1-6-CDS*	3.00	9.62	4.47								
WY3-1LS-2-1-CD	.50	4.50	2.22	2.00	1.53	1.19	1.00	.17	.75	2.00	0.55
WY3-1LS-2-2-CD	1.00	5.50	2.78								
WY3-1LS-2-3-CD	1.50	7.62	3.97								
WY3-1LS-2-4-CD	2.00	8.62	4.47								
WY3-1LS-2-6-CD	3.00	9.62	4.47								
WY3-1LS-2-1-CDS*	.50	4.50	2.22	1.75	1.41	1.19	1.00	.19	.66	2.00	0.55
WY3-1LS-2-2-CDS*	1.00	5.50	2.78								
WY3-1LS-2-3-CDS*	1.50	7.62	3.97								
WY3-1LS-2-4-CDS*	2.00	8.62	4.47								
WY3-1LS-2-6-CDS*	3.00	9.62	4.47								
WY3-1LS-3-1-CD	.50	4.50	2.00	2.25	1.66	1.38	1.13	.17	.75	3.09	1.32
WY3-1LS-3-2-CD	1.00	5.50	2.50								
WY3-1LS-3-3-CD	1.50	7.62	4.12								
WY3-1LS-3-4-CD	2.00	8.62	4.62								
WY3-1LS-3-6-CD	3.00	9.62	4.62								
WY3-1LS-3-1-CDS*	.50	4.50	2.00	2.00	1.53	1.38	1.13	.17	.75	3.09	1.32
WY3-1LS-3-2-CDS*	1.00	5.50	2.50								
WY3-1LS-3-3-CDS*	1.50	7.62	4.12								
WY3-1LS-3-4-CDS*	2.00	8.62	4.62								
WY3-1LS-3-6-CDS*	3.00	9.62	4.62								

Coding Example

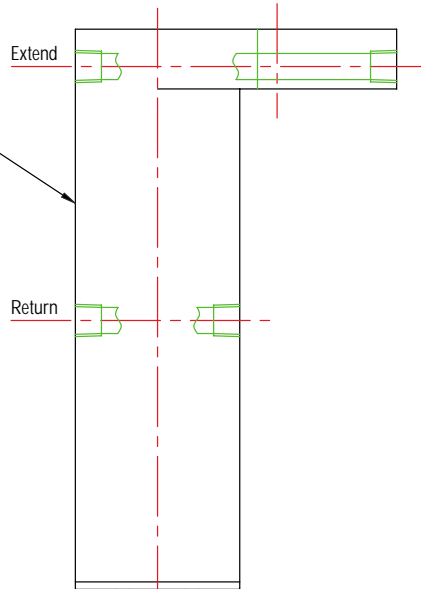
WY3-1LS-1-4-CD(S)

- Small Barrel
- Hairpin Mount
- Stroke 1/2" Increments
- Extend Stroke Sq. In. Area
- Straight Type Less Springs
- Fixture Type Hydraulic Spotwelding

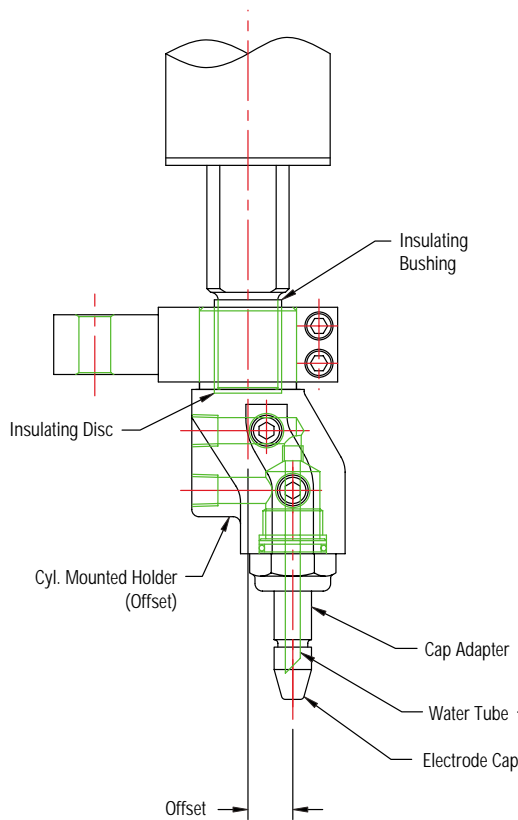
Note:

- All ports are 9/16-18 UNF-2B.
- 4.00, 5.00, and 6.00 inch stroke also available.
- For each additional inch of stroke after 3.00, add 2.00 to dim. "A" and 1.00 to dim. "B".
- * "CDS" (small barrel) cylinders are for special applications only!

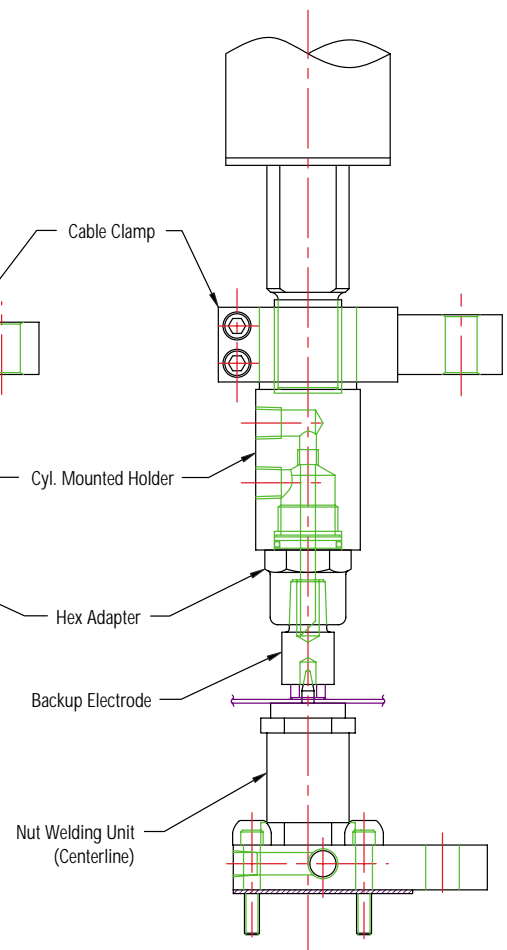
Spot Welding



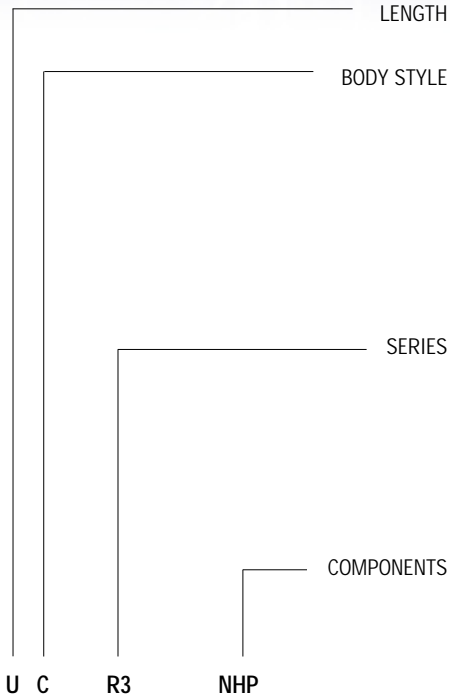
Offset Spot Welding



Nut Welding



CODING EXAMPLE



USE U FOR STANDARD LENGTH (SHOWN BELOW)
USE X FOR EXTENDED LENGTH (.50 (12.70) LONGER THAN STANDARD LENGTH)

USE A FOR BASE MOUNT
USE B FOR 4 RW TAPER
USE C FOR 5 RW TAPER
USE D FOR 6 RW TAPER
USE E FOR 7 RW TAPER
USE F FOR 7/8-14 THREAD
USE G FOR 1-12 THREAD
USE H FOR BASE MOUNT WITH CABLE LUG (17/32" clearance hole for 1/2 screw)
USE J FOR BASE MOUNT WITH CABLE LUG (Tapped hole for 1/2-13 screw)
USE K FOR BASE MOUNT WITH CONTACT (CL-200-37)

USE 2 FOR SERIES 2 (.88" WELD FACE)
USE 3 FOR SERIES 3 (1.25" WELD FACE)
USE 4 FOR SERIES 4 (1.50" WELD FACE)
USE R2 FOR RETRACTABLE PIN SERIES 2 (.88" WELD FACE)
USE R3 FOR RETRACTABLE PIN SERIES 3 (1.25" WELD FACE)
USE R4 FOR RETRACTABLE PIN SERIES 4 (1.50" WELD FACE)

Note: Leave blank if generating a complete nut or stud welding unit because information is contained in the pin or head number.

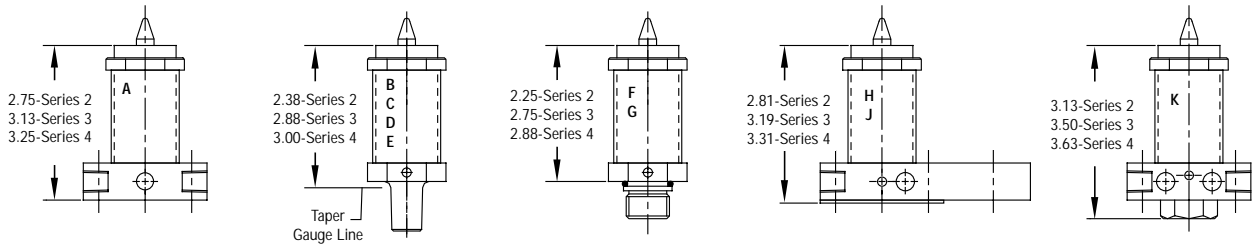
USE NHP FOR UNIT WITH NO HEAD OR PIN
USE GENERATED PIN # FOR COMPLETE NUT WELDING UNIT
USE GENERATED HEAD # FOR COMPLETE STUD WELDING UNIT

X A GH3050T125417
U G GP2A3482700525

Standard Length with 5 RW Body Style Retractable Series 3 with no Head or Pin.

Extended Length, Base Mount Style, head #. This describes a complete stud welding unit.
Standard Length, 1-12 Threaded Body Style, pin #. This describes a complete nut welding unit.

Standard Length of Series Body Styles

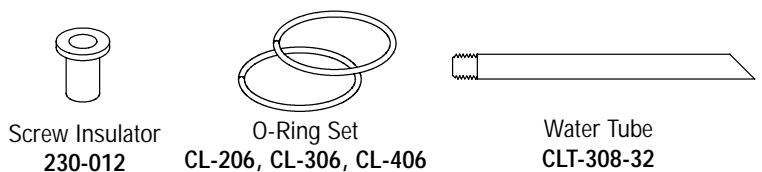


Spare Parts List (Not including Pin or Head)



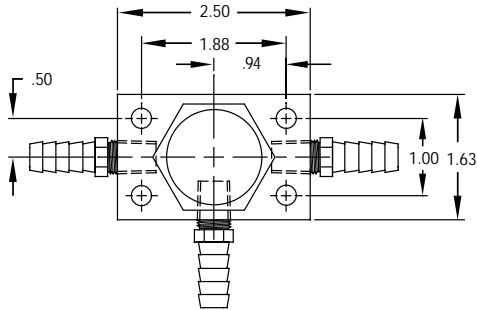
U2	SPRINGSTOP-U2
X2	SPRINGSTOP-X2
U3	SPRINGSTOP-U3
X3	SPRINGSTOP-X3
U4	SPRINGSTOP-U4
X4	SPRINGSTOP-X4

U2	SPRING037013050
U3 & U4	SPRING037025075
X2	SPRING037032100
X3 & X4	SPRING037034125

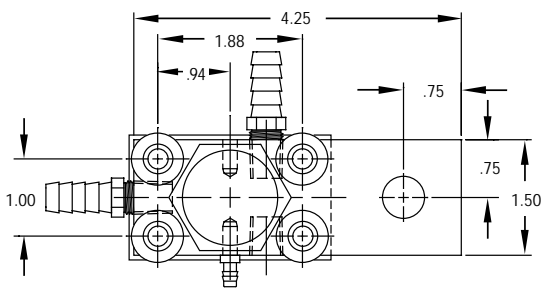


Mounting Dimensions For Base Mount Body Styles

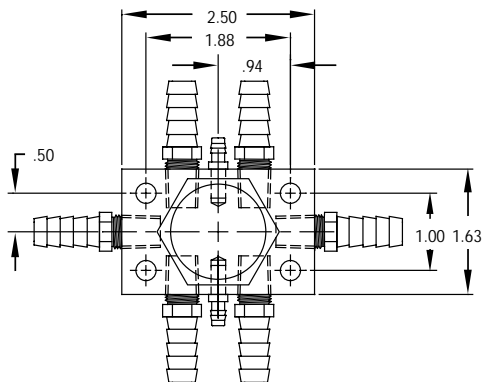
Body Style A



Body Style H&J



Body Style K

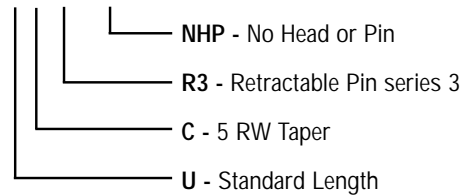


NOTE: Base units come with 1/4-20 screws for mounting.

PART NUMBER EXAMPLE

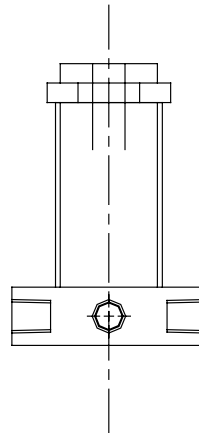
COMPLETE BODY REPLACEMENT UNIT

UCR3NHP



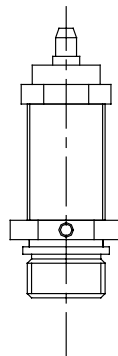
COMPLETE STUD WELDING UNIT

XAGH3050T125440



COMPLETE NUT WELDING UNIT

UGGP2A3482700525



Replaceable Female Spot Welding Caps

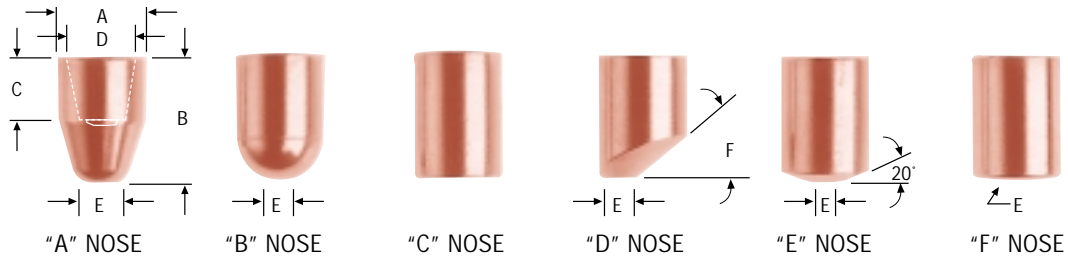


FIGURE 1-1 (Material RWMA Class 2, 3, Zirconium & Dispersion Strengthened Copper) • Dimensions Shown Are: inches (mm).

ITEM NO.		DIMENSIONS							
CLASS 2		A	B		C	D	E		F
Standard	Short Caps	Major Diameter	Standard	Short Caps	Taper Length	Taper Diameter	Standard	Short Caps	Offset Angle
CLFA-24	CLFA-24S						.19 (4.76)	.25 (6.35)	
CLFB-24	CLFB-24S						.12 (3.17)	.12 (3.17)	
CLFC-24	CLFC-24S	.500 (12.70)	.84 (21.34)	.59 (14.99)	.32 (8.13)	.394 (10.01)	—	—	
CLFD-24	CLFD-24S						.19 (4.76)	.19 (4.76)	40°
CLFE-24	CLFE-24S						.19 (4.76)	.19 (4.76)	
CLFF-24	CLFF-24S						2.00 (50.80) spher. rad.	2.00 (50.80) spher. rad.	
CLASS 3									
CLFA-25	CLFA-25S						.25 (6.35)	.25 (6.35)	
CLFB-25	CLFB-25S						.19 (4.76)	.19 (4.76)	
CLFC-25	CLFC-25S	.625 (15.88)	.88 (22.23)	.63 (16.00)	.38 (9.53)	.495 (12.57)	—	—	
CLFD-25	CLFD-25S						.25 (6.35)	.25 (6.35)	40°
CLFE-25	CLFE-25S						.25 (6.35)	.25 (6.35)	
CLFF-25	CLFF-25S						2.00 (50.80) spher. rad.	2.00 (50.80) spher. rad.	
CLASS 2									
CLFA-26	CLFA-26S						.31 (7.94)	.31 (7.94)	
CLFB-26	CLFB-26S						.19 (4.76)	.19 (4.76)	
CLFC-26	CLFC-26S	.750 (19.05)	1 (25.40)	.75 (19.05)	.47 (11.94)	.625 (15.88)	—	—	
CLFD-26	CLFD-26S						.31 (7.94)	.31 (7.94)	45°
CLFE-26	CLFE-26S						.31 (7.94)	.31 (7.94)	
CLFF-26	CLFF-26S						2.00 (50.80) spher. rad.	2.00 (50.80) spher. rad.	

• ADDITIONAL LENGTHS ARE AVAILABLE UPON REQUEST.

FOR ALL OTHER ITEMS:

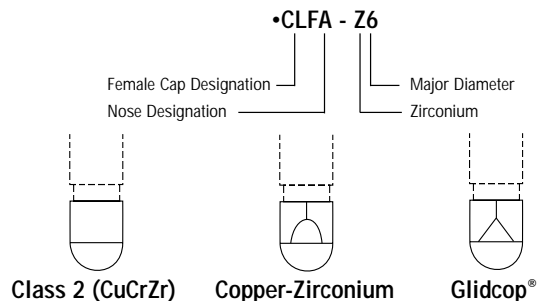
- Check Key To Item Numbers For Availability
- Use Example For Ordering Available Items

KEY TO ITEM NUMBERS

- CLF - Cap Designation
- A,B,C,D,E,F - Nose Designation
- 2,3 - RWMA Alloy Class
- Z - Zirconium
- G - Dispersion Strengthened Copper
- 4 THRU 6 - Major Diameter In .125 (3.18) Increments
- S - Short overall length

EXAMPLE:

FEMALE CAP, A NOSE, ZIRCONIUM, A = .750 (19.05) DIAMETER



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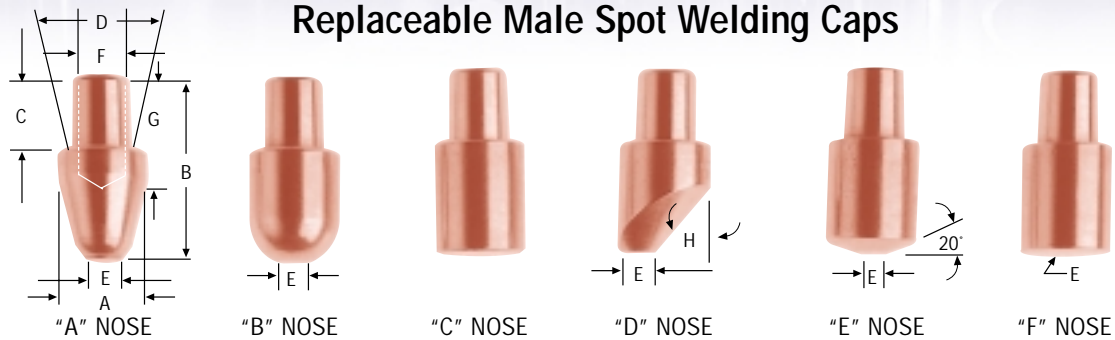


FIGURE 1-2 (Material RWMA Class 2, 3, Zirconium & Dispersion Strengthened Copper)

• Dimensions Shown Are: inches (mm).

ITEM NO.	DIMENSIONS							
	A Major Diameter	B Overall Length	C Taper Length	D Taper Diameter	E Welding Face Diameter	F Water Hole Diameter	G Water Hole Depth	H Offset Angle
WA-24					.19 (4.76)			
WB-24					.19 (4.76)			
WC-24	.482 (12.24)	1.12 (28.45)	.38 (9.53)	.375 (9.53)	-----	.28 (7.14)	.62 (15.88)	
WD-24					.19 (4.76)			40°
WE-24					.19 (4.76)			
WF-24-2					2.00 (50.80) spher. rad.			
WA-25					.25 (6.35)			
WB-25					.19 (4.76)			
WC-25	.625 (15.88)	1.25 (41.15)	.50 (12.70)	.415 (10.54)	-----	.31 (7.94)	.875 (22.23)	
WD-25					.25 (6.35)			40°
WE-25					.25 (6.35)			
WF-25-2					2.00 (50.80) spher. rad.			
WA-26					.31 (7.94)			
WB-26					.19 (4.76)			
WC-26	.750 (19.05)	1.62 (41.15)	.63 (15.88)	.500 (12.70)	-----	.38 (9.53)	1 (25.40)	
WD-26					.31 (7.94)			45°
WE-26					.31 (7.94)			
WF-26-4					4.00 (101.60) spher. rad.			
WA-27					.31 (7.94)			
WB-27					.25 (6.35)			
WC-27	.875 (22.23)	1.62 (41.15)	.63 (15.88)	.613 (15.57)	-----	.50 (12.70)	1 (25.40)	
WD-27					.31 (7.94)			45°
WE-27					.31 (7.94)			
WF-27-6					6.00 (152.40) spher. rad.			

FOR ALL OTHER ITEMS:

Check Key To Item Numbers For Availability
- Use Example For Ordering Available Items

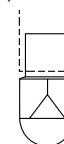
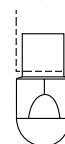
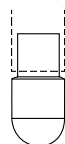
KEY TO ITEM NUMBERS

- W - Cap Designation
- A,B,C,D,E,F - Nose Designation
- 2,3 - RWMA Alloy Class
- Z - Zirconium
- G - Dispersion Strengthened Copper
- 4 THRU 7 - Major Diameter In .125 (3.18) Increments

• ADDITIONAL LENGTHS ARE AVAILABLE UPON REQUEST.

EXAMPLE:

MALE CAP, A NOSE, CLASS 3, A = .875 (22.23) DIAMETER



Class 2 (CuCrZr)

Copper-Zirconium

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• WA - 37

Male Cap Designation
Nose Designation
Major Diameter
RWMA Alloy

Straight Male Adapter Shanks For Female Caps

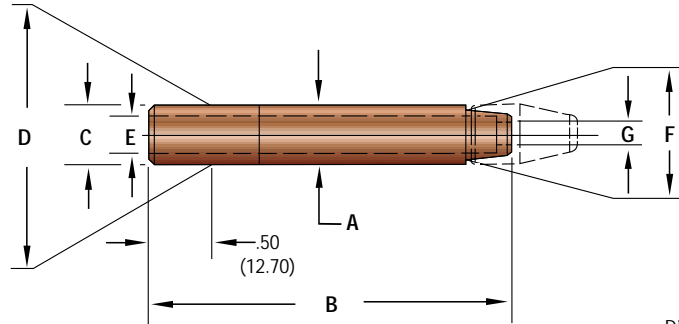


FIGURE 1-3 (Material RWMA Class 2 & 3)

• Dimensions Shown Are: inches (mm).
• See pg. G-4 for Caps.

ITEM NO.	DIMENSIONS						
CLASS 2	A Major Diameter	B Shank Overall Length	C Minor Taper Diameter	D Gauging Taper Diameter	E Water Hole Diameter	F Cap End Taper Diameter	G Taper Water Hole Diameter
CLF-2405T		1.25 (31.75)					
CLF-2406T		1.50 (38.10)					
CLF-2407T		1.75 (44.45)					
CLF-2408T		2.00 (50.80)					
CLF-2409T		2.25 (57.15)					
CLF-2410T		2.50 (63.50)					
CLF-2411T	.482 (12.24)	2.75 (69.85)	.438 (11.13)	.463 (11.76)	.28 (7.14)	.402 (10.21)	.25 (6.35)
CLF-2412T		3.00 (76.20)					
CLF-2413T		3.25 (82.55)					
CLF-2414T		3.50 (88.90)					
CLF-2415T		3.75 (95.25)					
CLF-2416T		4.00 (101.60)					
Separator							
CLF-2506T		1.43 (36.32)					
CLF-2507T		1.68 (42.67)					
CLF-2508T		1.93 (49.02)					
CLF-2509T		2.18 (55.37)					
CLF-2510T		2.43 (61.72)					
CLF-2511T	.625 (15.88)	2.68 (68.02)	.588 (14.94)	.613 (15.57)	.34 (8.73)	.502 (12.75)	.265 (6.73)
CLF-2512T		2.93 (74.42)					
CLF-2513T		3.18 (80.77)					
CLF-2514T		3.43 (87.12)					
CLF-2515T		3.68 (93.47)					
CLF-2516T		3.93 (99.82)					

Straight Male Adapter Shanks For Female Caps

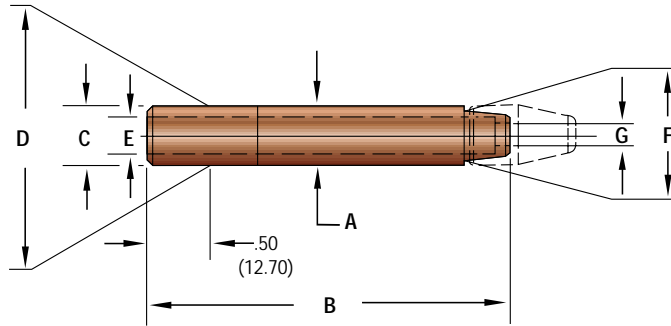


FIGURE 1-4 (Material RWMA Class 2 & 3)

• Dimensions Shown Are: inches (mm).
• See pg. G-4 for Caps.

ITEM NO.	A Major Diameter	B Shank Overall Length	C Minor Taper Diameter	D Gauging Taper Diameter	E Water Hole Diameter	F Major Female Taper Diameter	G Taper Water Hole Diameter
CLF-2608T		2.00 (50.80)					
CLF-2610T		2.50 (63.50)					
CLF-2612T	.750 (19.05)	3.00 (76.20)	.706 (17.93)	.731 (18.57)	.38 (9.53)	.633 (16.08)	.343 (8.71)
CLF-2614T		3.50 (88.90)					
CLF-2616T		4.00 (101.60)					
CLF-2708T		2.00 (50.80)					
CLF-2710T		2.50 (63.50)					
CLF-2712T	.875 (22.23)	3.00 (76.20)	.819 (20.80)	.844 (21.44)	.38 (9.53)	.633 (16.08)	.343 (8.71)
CLF-2714T		3.50 (88.90)					
CLF-2716T		4.00 (101.60)					

• ADDITIONAL LENGTHS ARE AVAILABLE UPON REQUEST.

FOR ALL OTHER ITEMS:

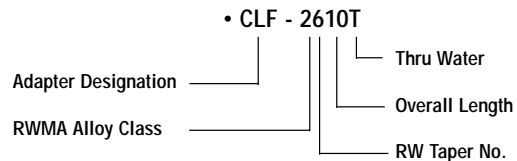
- Check Key To Item Numbers For Availability
- Use Example For Ordering Available Items

KEY TO ITEM NUMBERS

- CLF - Adapter Designation
 2 or 3 - RWMA Alloy Class
 4 Thru 7 - RW Taper Number
 05 Thru 16 - Overall Length in .25 (6.35) Increments
 T - Thru Water Hole
 Delete "T" If Blind Hole Is Required

EXAMPLE:

MALE ADAPTER, CLASS 2, RW 6 TAPER, 2.50 (63.50) O.A.L., THRU WATER HOLE



Straight Female Adapter Shanks For Male Caps

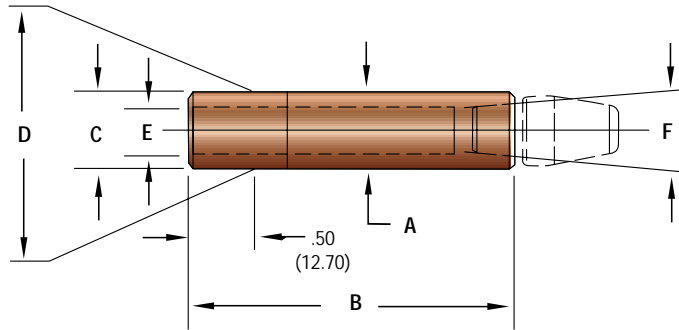


FIGURE 1-5 (Material RWMA Class 2 & 3)

• Dimensions Shown Are: inches (mm).
• See pg. G-5 for Caps.

ITEM NO.	DIMENSIONS					
CLASS 2	A Major Diameter	B Shank Overall Length	C Minor Taper Diameter	D Gauging Taper Diameter	E Water Hole Diameter	F Major Female Taper Diameter
WG-2405		1.25 (31.75)				
WG-2406		1.50 (38.10)				
WG-2407		1.75 (44.45)				
WG-2408		2.00 (50.80)				
WG-2409		2.25 (57.15)				
WG-2410		2.50 (63.50)				
WG-2411	.482 (12.24)	2.75 (69.85)	.438 (11.13)	.463 (11.76)	.28 (7.14)	.375 (9.53)
WG-2412		3.00 (76.20)				
WG-2413		3.25 (82.55)				
WG-2414		3.50 (88.90)				
WG-2415		3.75 (95.25)				
WG-2416		4.00 (101.60)				
Separator						
WG-2505		1.25 (31.75)				
WG-2506		1.50 (38.10)				
WG-2507		1.75 (44.45)				
WG-2508		2.00 (50.80)				
WG-2509		2.25 (57.15)				
WG-2510		2.50 (63.50)				
WG-2511	.625 (15.88)	2.75 (69.85)	.588 (14.94)	.613 (15.57)	.38 (9.53)	.415 (10.54)
WG-2512		3.00 (76.20)				
WG-2513		3.25 (82.55)				
WG-2514		3.50 (88.90)				
WG-2515		3.75 (95.25)				
WG-2516		4.00 (101.60)				

• ADDITIONAL LENGTHS ARE AVAILABLE UPON REQUEST.

Straight Female Adapter Shanks For Male Caps

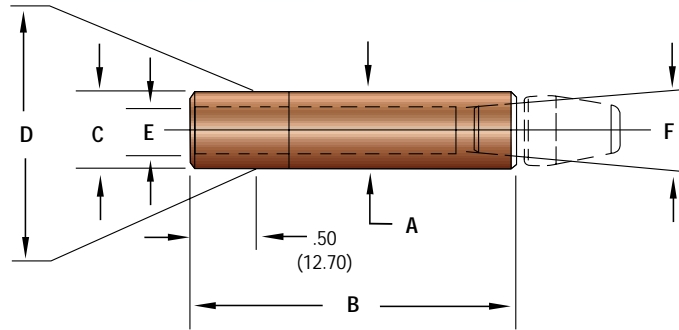


FIGURE 1-6 (Material RWMA Class 2 & 3)

• Dimensions Shown Are: inches (mm).
• See pg. G-5 for Caps.

ITEM NO.	DIMENSIONS					
CLASS 2	A Major Diameter	B Shank Overall Length	C Minor Taper Diameter	D Gauging Taper Diameter	E Water Hole Diameter	F Major Female Taper Diameter
WG-2608		2.00 (50.80)				
WG-2610		2.50 (63.50)				
WG-2612	.750 (19.05)	3.00 (76.20)	.706 (17.93)	.731 (18.57)	.44 (11.11)	.501 (12.73)
WG-2614		3.50 (88.90)				
WG-2616		4.00 (101.60)				
Separator						
WG-2708		2.00 (50.80)				
WG-2710		2.50 (63.50)				
WG-2712	.875 (22.23)	3.00 (76.20)	.819 (20.80)	.844 (21.44)	.50 (12.70)	.613 (15.57)
WG-2714		3.50 (88.90)				
WG-2716		4.00 (101.60)				

• ADDITIONAL LENGTHS ARE AVAILABLE UPON REQUEST.

FOR ALL OTHER ITEMS:

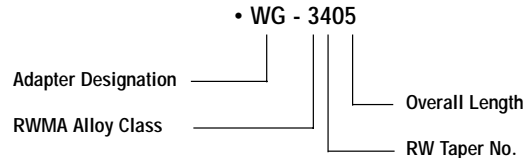
- Check Key To Item Numbers For Availability
- Use Example For Ordering Available Items

KEY TO ITEM NUMBERS

- WG - Adapter Designation
- 2 or 3 - RWMA Alloy Class
- 4 Thru 7 - RW Taper Number
- 05 Thru 16 - Overall Length in .25 (6.35) Increments

EXAMPLE:

FEMALE ADAPTER, CLASS 3, RW 4 TAPER, 1.25 (31.75) O.A.L.



Offset Male Adapter Shanks For Female Caps

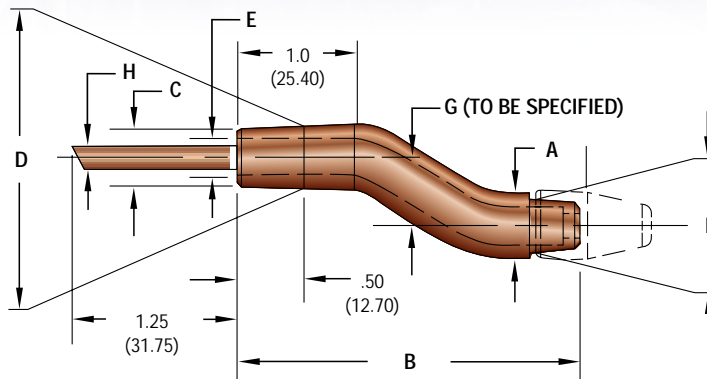


FIGURE 1-7 (Material RWMA Class 2 & 3)

• Dimensions Shown Are: inches (mm).
• See pg. G-4 for Caps.

ITEM NO.	DIMENSIONS							
CLASS 2	A Major Diameter	B Shank Overall Length	C Minor Taper Diameter	D Gauging Taper Diameter	E Water Hole Diameter	F Cap End Taper Diameter	G Offset	H Water Tube Diameter
CLF-2410-04T		2.50 (63.50)					.25 (6.35)	
CLF-2411-04T		2.75 (69.85)					.25 (6.35)	
CLF-2412-04T		3.00 (76.20)					.25 (6.35)	
CLF-2413-04T		3.25 (82.55)					.25 (6.35)	
CLF-2410-08T	.482 (12.24)	2.50 (63.50)	.438 (11.13)	.463 (11.76)	.28 (7.14)	.402 (10.21)	.50 (12.70)	.19 (4.76)
CLF-2411-08T		2.75 (69.85)					.50 (12.70)	
CLF-2412-08T		3.00 (76.20)					.50 (12.70)	
CLF-2413-08T		3.25 (82.55)					.50 (12.70)	
CLF-2510-04T		2.50 (63.50)					.25 (6.35)	
CLF-2511-04T		2.75 (69.85)					.25 (6.35)	
CLF-2512-04T		3.00 (76.20)					.25 (6.35)	
CLF-2513-04T		3.25 (82.55)					.25 (6.35)	
CLF-2510-08T	.625 (15.88)	2.50 (63.50)	.588 (14.94)	.613 (15.57)	.34 (8.73)	.502 (12.75)	.50 (12.70)	.25 (6.35)
CLF-2511-08T		2.75 (69.85)					.50 (12.70)	
CLF-2512-08T		3.00 (76.20)					.50 (12.70)	
CLF-2513-08T		3.25 (82.55)					.50 (12.70)	

• ADDITIONAL LENGTHS ARE AVAILABLE UPON REQUEST.

FOR ALL OTHER ITEMS:

- Check Key To Item Numbers For Availability
- Use Example For Ordering Available Items

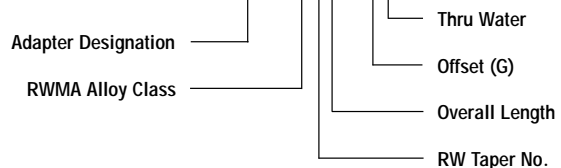
KEY TO ITEM NUMBERS

- CLF - Adapter Designation
- 2 or 3 - RWMA Alloy Class
- 4 Thru 6 - RW Taper Number
- 10 Thru 20 - Overall Length in .25 (6.35) Increments
- 04 Thru 16 - Offset in .06 (1.59) Increments
- T - Thru Water Hole
- Delete "T" If Blind Hole Is Required

EXAMPLE:

MALE ADAPTER, CLASS 3,
RW 4 TAPER, 2.50 (63.50) O.A.L., .25 (6.35) OFFSET, THRU WATER HOLE

• CLF - 3410 - 04T



Offset Female Adapter Shanks for Male Caps

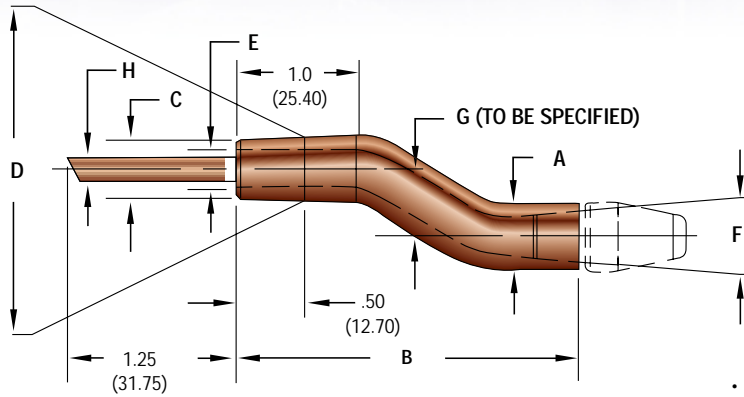


FIGURE 1-8 (Material RWMA Class 2 & 3)

• Dimensions Shown Are: inches (mm).
• See pg. G-5 for Caps.

ITEM NO.	DIMENSIONS							
CLASS 2	A Major Diameter	B Shank Overall Length	C Minor Taper Diameter	D Gauging Taper Diameter	E Water Hole Diameter	F Cap End Taper Diameter	G Offset	H Water Tube Diameter
WG-2410-04		2.50 (63.50)					.25 (6.35)	
WG-2411-04		2.75 (69.85)					.25 (6.35)	
WG-2412-04		3.00 (76.20)					.25 (6.35)	
WG-2413-04		3.25 (82.55)					.25 (6.35)	
WG-2410-08	.482 (12.24)	2.50 (63.50)	.438 (11.13)	.463 (11.76)	.28 (7.14)	.375 (9.53)	.50 (12.70)	.19 (4.76)
WG-2411-08		2.75 (69.85)					.50 (12.70)	
WG-2412-08		3.00 (76.20)					.50 (12.70)	
WG-2413-08		3.25 (82.55)					.50 (12.70)	
WG-2510-04		2.50 (63.50)					.25 (6.35)	
WG-2511-04		2.75 (69.85)					.25 (6.35)	
WG-2512-04		3.00 (76.20)					.25 (6.35)	
WG-2513-04		3.25 (82.55)					.25 (6.35)	
WG-2510-08	.625 (15.88)	2.50 (63.50)	.588 (14.94)	.613 (15.57)	.38 (9.65)	.415 (10.54)	.50 (12.70)	.25 (6.35)
WG-2511-08		2.75 (69.85)					.50 (12.70)	
WG-2512-08		3.00 (76.20)					.50 (12.70)	
WG-2513-08		3.25 (82.55)					.50 (12.70)	

• ADDITIONAL LENGTHS ARE AVAILABLE UPON REQUEST.

FOR ALL OTHER ITEMS:

- Check Key To Item Numbers For Availability
- Use Example For Ordering Available Items

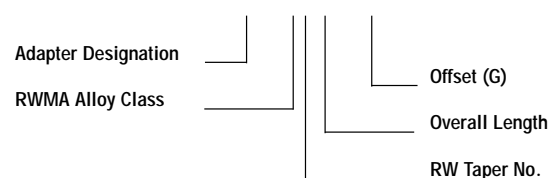
KEY TO ITEM NUMBERS

- WG - Adapter Designation
- 2 or 3 - RWMA Alloy Class
- 4 Thru 6 - RW Taper Number
- 10 Thru 20 - Overall Length
in .25 (6.35) Increments
- 04 Thru 16 - Offset in .06 (1.59) Increments

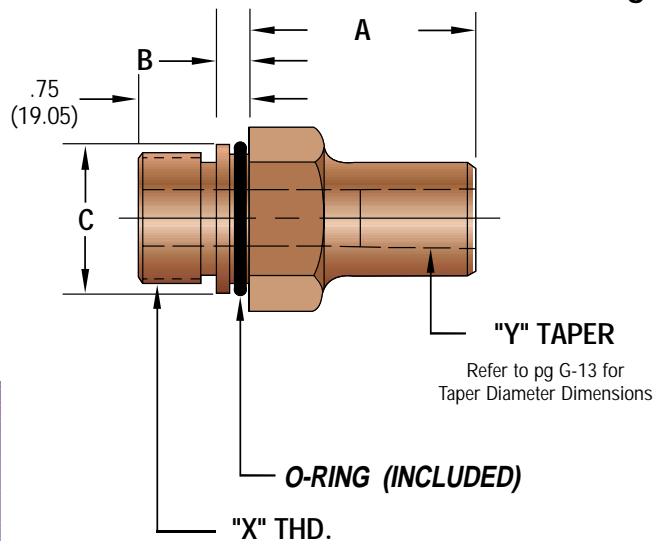
EXAMPLE:

FEMALE ADAPTER, CLASS 2,
RW 5 TAPER, 3.25 (82.55) O.A.L., 1.0 (25.40) OFFSET.

• WG - 2513 - 16



**CenterLine Hex Adapter
Straight Thread**



TAPER NO.	Y	Minimum A		
		7/8-14	1-12	1-1/4-12
#4RW	4	0.25	0.25	0.25
#5RW	5	0.25	0.25	0.25
#6RW	6	1.13	0.25	0.25
#7RW	7	1.38	1.25	0.25

THREAD	"X"	B	C	HEX	O-RING
7/8-14	87	0.25 (6.35)	1 (25.40)	1-1/4	SLORD-117
1-12	10	0.25 (6.35)	1.13 (28.58)	1-1/4	SLORD-119
1-1/4-12	12	0.25 (6.35)	1.38 (34.93)	1-1/2	SLORD-123

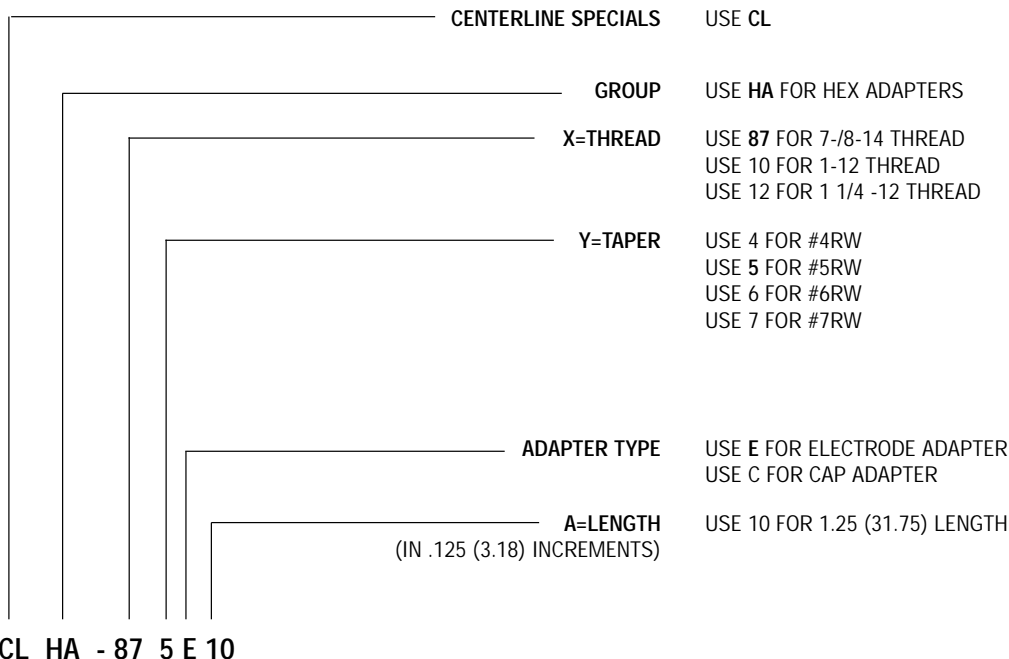
FIGURE 1-9 • Dimensions Shown Are: inches (mm).

EXAMPLE:

• **CLHA - 875E10**

HEX ADAPTER, 7/8-14 THD., #5 RW TAPER, ELECTRODE ADAPTER, LENGTH = 1.25 (31.75).

EXAMPLE EXPLANATION CODING



Cap and Electrode Hex Adapter Pipe Thread

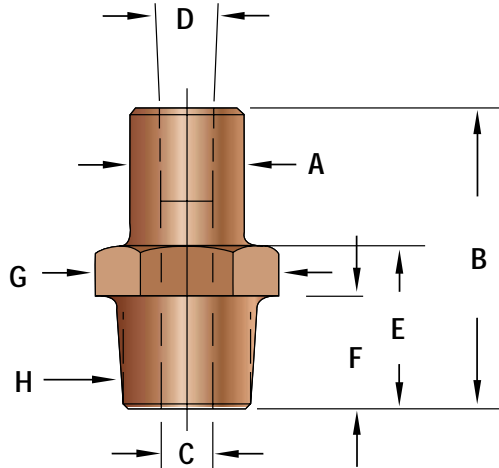


FIGURE 1-10 (Material RWMA Class 2 & 3)

• Dimensions Shown Are: inches (mm).
• See Pg. G-5 For Caps.

ELECTRODE ADAPTER CHART

ELECTRODE CODE	4	5	4	5	5	6	7
A- DIAMETER	0.88 (22.35)	0.94 (23.88)	0.88 (22.35)	0.94 (23.88)	0.94 (23.88)	1.09 (27.69)	1.24 (31.50)
B- LENGTH	AS CODED						
LENGTH (Minimum)	0.88 (22.35)	0.88 (22.35)	1.00 (25.40)	1.00 (25.40)	1.12 (28.45)	1.12 (28.45)	1.38 (35.05)
C- HOLE DIAMETER	0.42 (10.67)	0.44 (11.18)	0.42 (10.67)	0.44 (11.18)	0.44 (11.18)	0.50 (12.70)	0.56 (14.22)
D- TAPER DIAMETER	0.463 (11.76)	0.625 (15.88)	0.463 (11.76)	0.625 (15.88)	0.625 (15.88)	0.750 (19.05)	0.875 (22.22)
E- HEX LENGTH	0.88 (22.35)	0.88 (22.35)	1.00 (25.40)	1.00 (25.40)	1.38 (35.05)	1.38 (35.05)	1.38 (35.05)
F- THREAD LENGTH	0.62 (15.75)	0.62 (15.75)	0.75 (19.05)	0.75 (19.05)	0.88 (22.35)	0.88 (22.35)	0.88 (22.35)
G- HEX	1.00 (25.40)	1.00 (25.40)	1.00 (25.40)	1.00 (25.40)	1.25 (31.75)	1.25 (31.75)	1.25 (31.75)
H- THREAD (N.P.T.)	1/2	1/2	5/8	5/8	3/4	3/4	3/4

CAP ADAPTER CHART

ELECTRODE CODE	4	5	4	5	5	6	6-1	7
A- DIAMETER	0.50 (12.70)	0.62 (15.75)	0.50 (12.70)	0.62 (15.75)	0.62 (15.75)	0.75 (19.05)	0.75 (19.05)	0.88 (22.35)
B- LENGTH	AS CODED							
LENGTH (Minimum)	0.88 (22.35)	0.88 (22.35)	1.00 (25.40)	1.00 (25.40)	1.12 (28.45)	1.12 (28.45)	1.12 (28.45)	1.12 (28.45)
C- HOLE DIAMETER	0.28 (7.11)	0.38 (9.65)	0.28 (7.11)	0.38 (9.65)	0.38 (9.65)	0.44 (11.18)	0.44 (11.18)	0.56 (14.22)
D- TAPER DIAMETER	0.313 (7.95)	0.414 (10.52)	0.313 (7.95)	0.414 (10.52)	0.414 (10.52)	0.500 (12.70)	0.562 (14.27)	0.700 (17.78)
E- HEX LENGTH	0.88 (22.35)	0.88 (22.35)	1.00 (25.40)	1.00 (25.40)	1.38 (35.05)	1.38 (35.05)	1.38 (35.05)	1.38 (35.05)
F- THREAD LENGTH	0.62 (15.75)	0.62 (15.75)	0.75 (19.05)	0.75 (19.05)	0.88 (22.35)	0.88 (22.35)	0.88 (22.35)	0.88 (22.35)
G- HEX	1.00 (25.40)	1.00 (25.40)	1.00 (25.40)	1.00 (25.40)	1.25 (31.75)	1.25 (31.75)	1.25 (31.75)	1.25 (31.75)
H- THREAD (N.P.T.)	1/2	1/2	5/8	5/8	3/4	3/4	3/4	3/4

• TO ORDER YOUR SPECIALS USE CODING CHART - SEE PG. G-14

Cap and Electrode Hex Adapter Pipe Thread

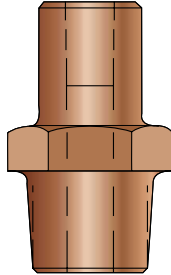
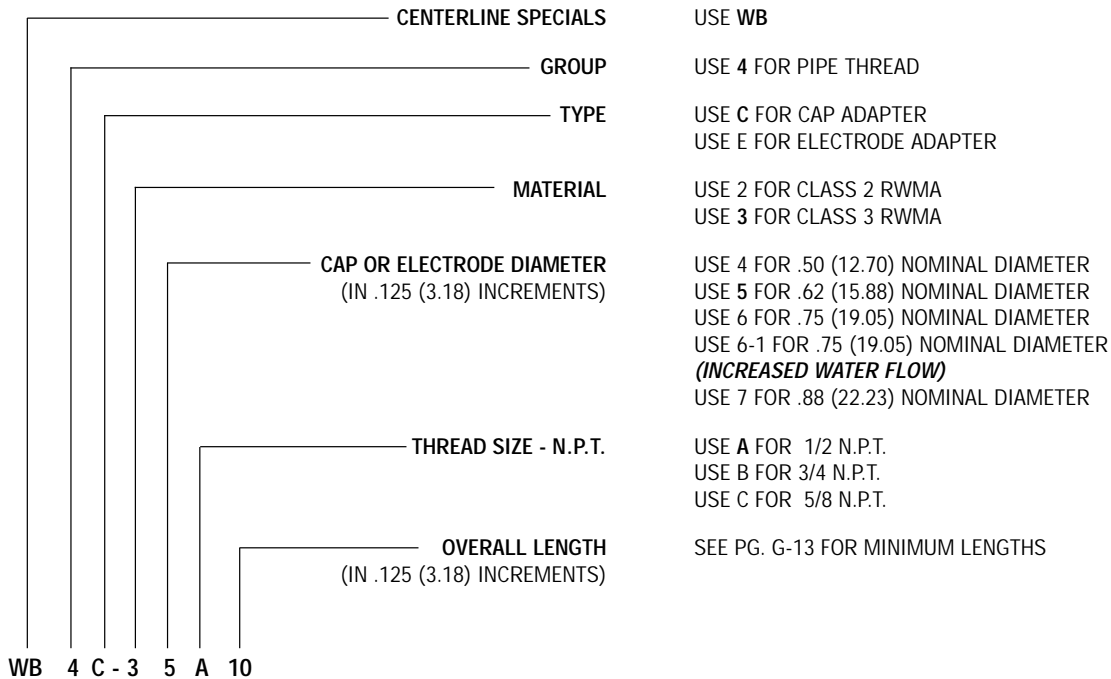


FIGURE 1-11 (Material RWMA Class 2 & 3)

EXAMPLE EXPLANATION CODING



SAMPLE TYPICAL THREADED ADAPTER CODING

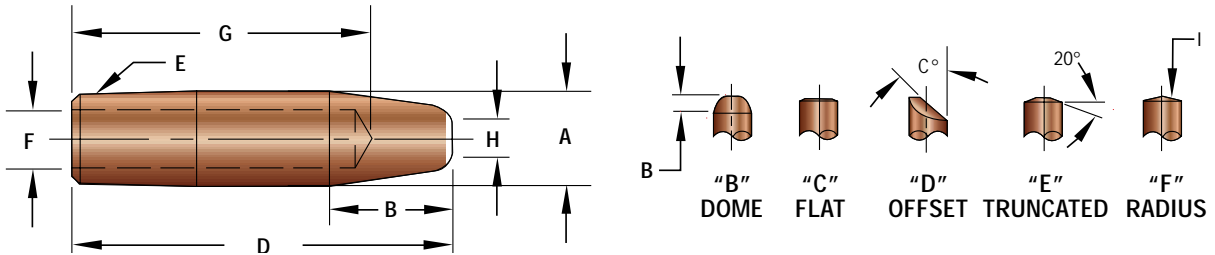
- ADAPTER WILL BE 1.25 (31.75) LONG
- ADAPTER WILL HAVE 1/2 N.P.T. (THREAD SIZE)
- ADAPTER WILL BE USED WITH .62 (15.88) DIAMETER CAP
- ADAPTER WILL BE MADE OF CLASS 3 RWMA
- ADAPTER WILL BE MADE FOR CAP TYPE ELECTRODE
- ADAPTER WILL HAVE PIPE THREAD

EXAMPLE:

• **WB4C-35A10**

• Dimensions Shown Are: inches (mm)

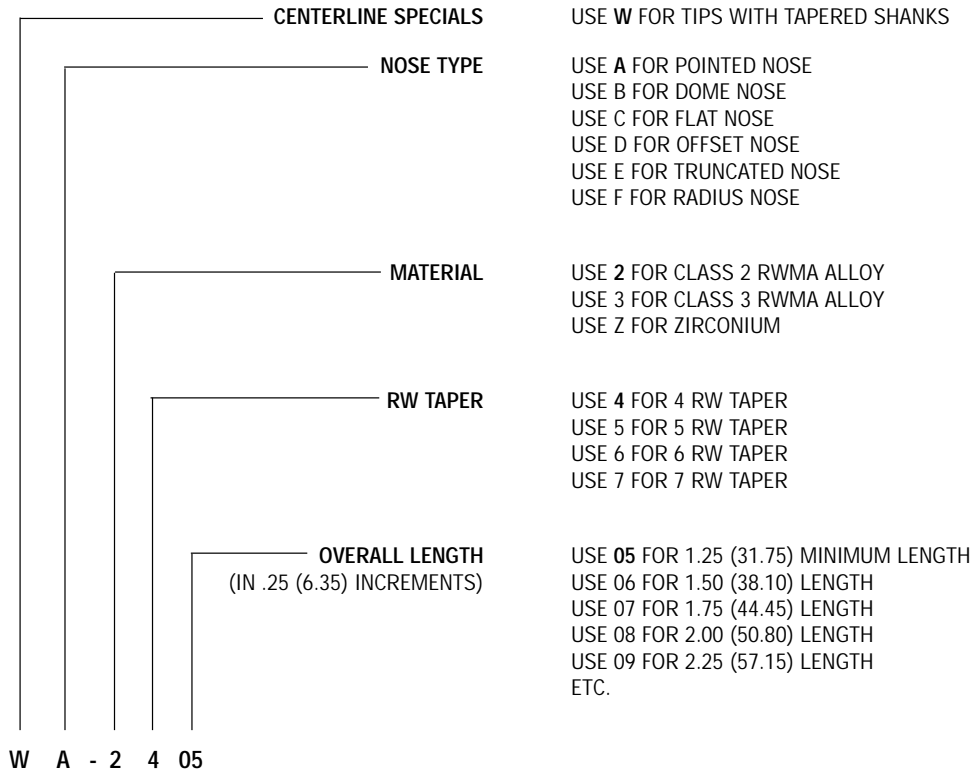
Tips With Tapered Shanks Nose Types A, B, C, D, E & F



"A" POINTED
FIGURE 1-12 (Material RWMA Class 2 & 3)

• Dimensions Shown Are: inches (mm).

EXAMPLE EXPLANATION CODING



SAMPLE TYPICAL TIP WITH TAPERED SHANK CODING

TIP OVERALL LENGTH WILL BE 1.25 (31.75)
TIP WILL HAVE #4 RWMA TAPER
TIP WILL BE MADE OF CLASS 2 RWMA
TIP WILL HAVE TYPE A NOSE

EXAMPLE:

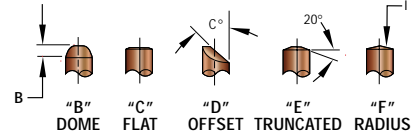
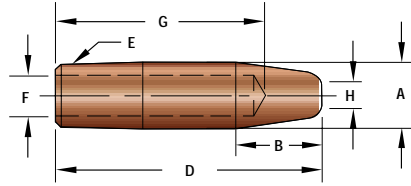
• WA-2405

• Dimensions Shown Are: inches (mm)

**Tips With Tapered Shanks
Nose Types A, B, C, D, E & F**

KEY TO ITEM NUMBERS

- W - Standard Prefix
- A, B, C, D, E or F - Nose Designation
- 2, 3 or Z - RWMA Alloy Class
- 4 thru 7 - RW Taper
- 05 thru 16 - Overall Length - in .25 (6.35) Increments



"A" POINTED

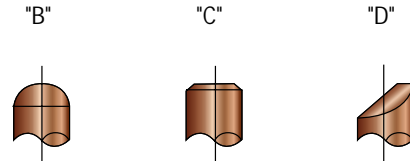
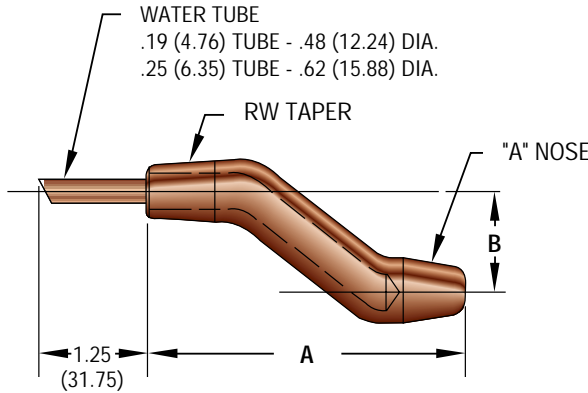
FIGURE 1-13 (Material RWMA Class 2 & 3)

• Dimensions Shown Are: inches (mm).

ITEM NO.	DIMENSIONS								
	A Major Diameter	B Nose Length	C Angle Offset	D Overall Length	E RW Taper	F Water Hole Diameter	G Water Hole Depth	H Weld Face Diameter	I Nose Sphere Radius
W*-2405		.38 (9.53)		1.25 (31.75)			.75 (19.05)		
W*-2406		.63 (15.88)		1.50 (38.10)			1.00 (25.40)		
W*-2407		.75 (19.05)		1.75 (44.45)			1.25 (31.75)		
W*-2408		.75 (19.05)		2.00 (50.80)			1.50 (38.10)		
W*-2409		.75 (19.05)		2.25 (57.15)			1.75 (44.45)		
W*-2410	.482 (12.24)	.75 (19.05)	30°	2.50 (63.50)	4	.28 (7.14)	2.00 (50.80)	.19 (4.76)	2
W*-2411		.75 (19.05)		2.75 (69.85)			2.25 (57.15)		
W*-2412		.75 (19.05)		3.00 (76.20)			2.50 (63.50)		
W*-2413		.75 (19.05)		3.25 (82.55)			2.75 (69.85)		
W*-2414		.75 (19.05)		3.50 (88.90)			3.00 (76.20)		
W*-2415		.75 (19.05)		3.75 (92.25)			3.25 (82.55)		
W*-2416		.75 (19.05)		4.00 (101.60)			3.50 (88.90)		
W*-2505		.75 (19.05)	40°	1.25 (31.75)			.50 (12.70)		
W*-2506		.75 (19.05)	40°	1.50 (38.10)			.75 (19.05)		
W*-2507		.75 (19.05)	30°	1.75 (44.45)			1.00 (25.40)		
W*-2508		1.13 (28.58)	30°	2.00 (50.80)			1.25 (31.75)		
W*-2509		1.13 (28.58)	30°	2.25 (57.15)			1.50 (38.10)		
W*-2510	.625 (15.88)	1.13 (28.58)	30°	2.50 (63.50)	5	.38 (9.53)	1.75 (44.45)	.25 (6.35)	2
W*-2511		1.13 (28.58)	30°	2.75 (69.85)			2.00 (50.80)		
W*-2512		1.13 (28.58)	30°	3.00 (76.20)			2.25 (57.15)		
W*-2513		1.13 (28.58)	30°	3.25 (82.55)			2.50 (63.50)		
W*-2514		1.13 (28.58)	30°	3.50 (88.90)			2.75 (69.85)		
W*-2515		1.13 (28.58)	30°	3.75 (95.25)			3.00 (76.20)		
W*-2516		1.13 (28.58)	30°	4.00 (101.60)			3.25 (82.55)		
W*-2608		1.00 (25.40)		2.00 (50.80)			1.25 (31.75)		
W*-2610		1.00 (25.40)		2.50 (63.50)			1.75 (44.45)		
W*-2612	.750 (19.05)	1.00 (25.40)	30°	3.00 (76.20)	6	.44 (11.11)	2.25 (57.15)	.28 (7.14)	4
W*-2614		1.00 (25.40)		3.50 (88.90)			2.75 (69.85)		
W*-2616		1.00 (25.40)		4.00 (101.60)			3.25 (82.55)		
W*-2708		.75 (19.05)	40°	2.00 (50.80)			1.25 (31.75)		
W*-2710		1.13 (28.58)	30°	2.50 (63.50)			1.75 (44.45)		
W*-2712	.875 (22.23)	1.13 (28.58)	30°	3.00 (76.20)	7	.50 (12.70)	2.25 (57.15)	.31 (7.94)	6
W*-2714		1.13 (28.58)	30°	3.50 (88.90)			2.75 (69.85)		
W*-2716		1.13 (28.58)	30°	4.00 (101.60)			3.25 (82.55)		

Replace * with nose type A, B, C, D, E, or F.

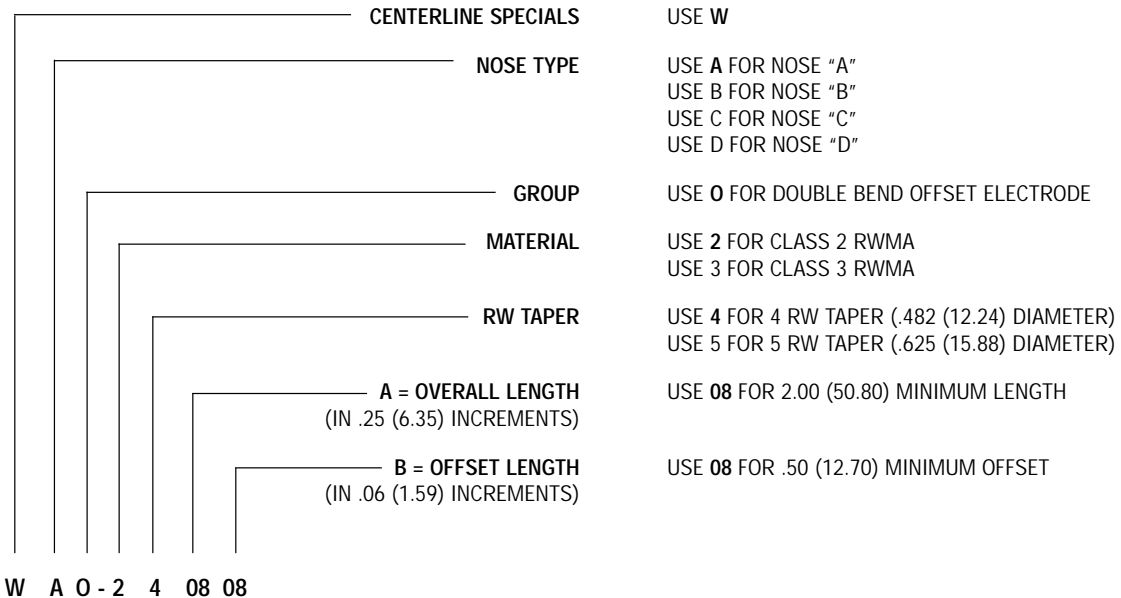
Double Bend Offset Electrodes



Example: • WAO-2408-08

FIGURE 1-14 (Material RWMA Class 2 & 3)

EXAMPLE EXPLANATION CODING



SAMPLE TYPICAL DOUBLE BEND OFFSET CODING

ELECTRODE OFFSET WILL BE .50 (12.70)
 ELECTRODE WILL BE 2.00 (50.80) LONG
 ELECTRODE WILL HAVE 4 RW TAPER
 ELECTRODE WILL BE MADE OF CLASS 2 RWMA MATERIAL
 DOUBLE BEND OFFSET ELECTRODE
 ELECTRODE NOSE TYPE WILL BE "A" NOSE

• Dimensions Shown Are: inches (mm).

Backup Electrodes

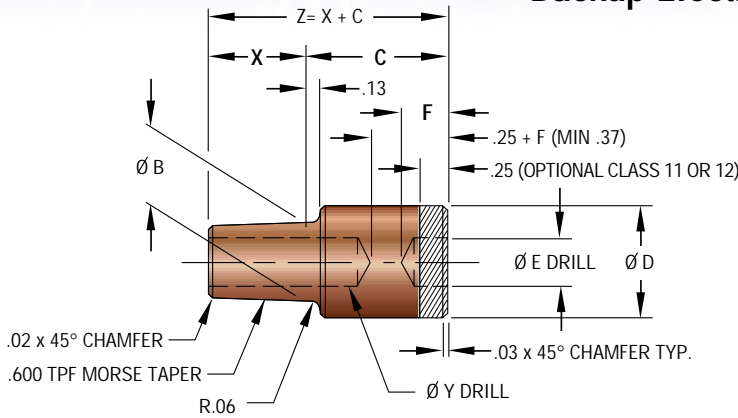
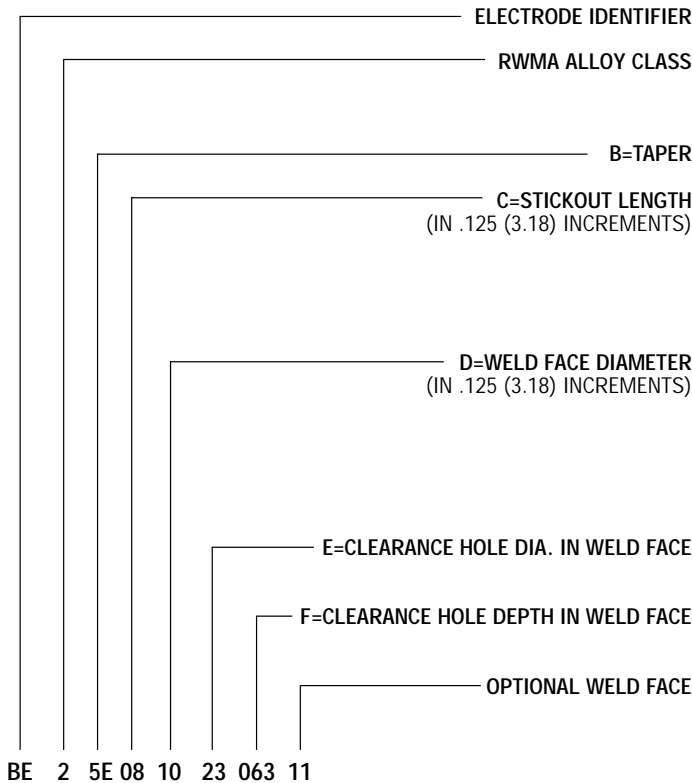


FIGURE 1-15 (Material RWMA Class 2&3)

RWMA TAPER	B	X	Y
3E	.375 (9.52)	.500 (12.70)	9/32
4E	.463 (11.76)	.500 (12.70)	9/32
5E	.625 (15.88)	.750 (19.05)	3/8
6E	.750 (19.05)	.875 (22.23)	7/16
7E	.875 (22.23)	1.125 (28.57)	1/2
4C	.375 (9.52)	.312 (2.86)	9/32
5C	.414 (10.52)	.375 (9.52)	5/16
6C	.500 (12.70)	.500 (12.70)	3/8
7C	.613 (15.57)	.500 (12.70)	1/2

EXAMPLE EXPLANATION CODING



- USE **BE** FOR BACKUP ELECTRODE
- USE **2** FOR CLASS 2 RWMA MATERIAL
USE **3** FOR CLASS 3 RWMA MATERIAL
USE **Z** FOR ZIRCONIUM
- USE RWMA TAPER FROM CHART ABOVE
- USE **03** FOR MINIMAL .375(9.53) STICKOUT LENGTH
USE **04** FOR .50 (12.70) STICKOUT LENGTH
USE **05** FOR .625 (15.88) STICKOUT LENGTH
USE **06** FOR .75 (19.05) STICKOUT LENGTH
USE **07** FOR .875 (22.35) STICKOUT LENGTH
USE **08** FOR 1(25.40) STICKOUT LENGTH
- USE **03** FOR .375 (9.53) MINIMUM DIAM.
USE **04** FOR .50 (12.70) DIAM.
USE **05** FOR .625 (15.88) DIAM.
USE **06** FOR .75 (19.05) DIAM.
USE **07** FOR .875 (22.35) DIAM.
USE **08** FOR 1(25.40) DIAM.
(Minimum weld face dia. is taper dia.)
- USE REQUIRED DIA. TO 2 DEC. PLACES, i.e. .23
USE **00** FOR NO CLEARANCE HOLE
- USE REQUIRED DEPTH TO 2 DEC. PLACES, .ie. 0.63
USE **000** FOR NO CLEARANCE HOLE
- USE **11** FOR CLASS 11 RWMA ALLOY WELD FACE
USE **12** FOR CLASS 12 RWMA ALLOY WELD FACE
LEAVE BLANK FOR NO OPTIONAL WELD FACE

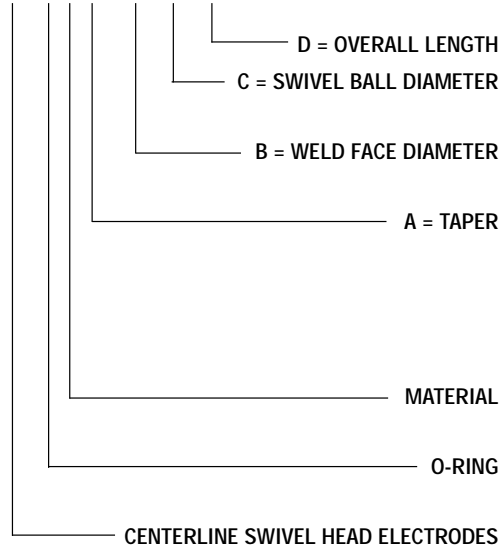
**SAMPLE
TYPICAL CAP ADAPTER CODING**

ELECTRODE WELD FACE IS CLASS 11 RWMA ALLOY
CLEARANCE HOLE DEPTH IN WELD FACE IS 0.63
CLEARANCE HOLE DIA. IN WELD FACE IS .23
WELD FACE DIA. IS 1.25 (31.75)
STICKOUT LENGTH IS 1.0 (25.4)
ELECTRODE TAPER IS 5E
CLASS 2 RWMA ALLOY
BACK-UP ELECTRODE

Swivel Head Electrodes with Water-Cooled Shanks

CODING EXAMPLE

SHEA O 2 5E XXX 75 YYY



SPECIFY REQUIRED LENGTH, EX. FOR 2.00 (50.80) USE 200
USE 50 FOR .50 (12.70) DIAMETER
USE 75 FOR .75 (19.05) DIAMETER

SPECIFY REQUIRED DIAMETER, EX. FOR 1.00 (25.40) DIAMETER
USE 100

USE 5C FOR #5 CAP TAPER
USE 6C FOR #6 CAP TAPER
USE 4E FOR 4RW TAPER
USE 5E FOR 5RW TAPER
USE 6E FOR 6RW TAPER
USE 7E FOR 7RW TAPER

USE 2 FOR CLASS 2
USE 3 FOR CLASS 3

USE O IF O-RING REQUIRED ON FORMED ASSEMBLY
OMIT O IF O-RING NOT REQUIRED

USE SHEA FOR FORMED ASSEMBLY

Blind Hole

EXAMPLE:

- SHEA25E10075200

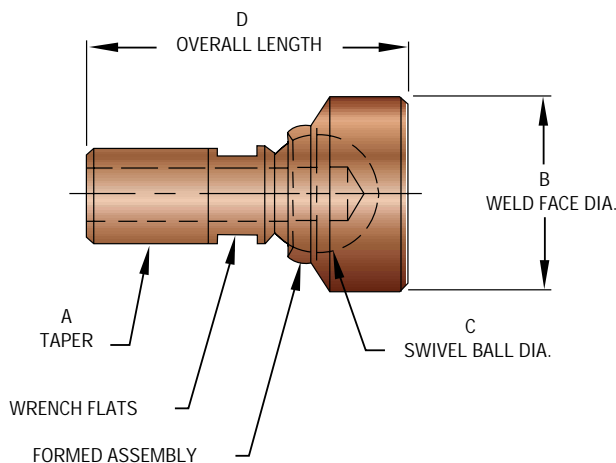


FIGURE 1-16 (Material RWMA Class 2&3)

Thru Hole with O-Ring

EXAMPLE:

- SHEAO25E10075200

O-RING

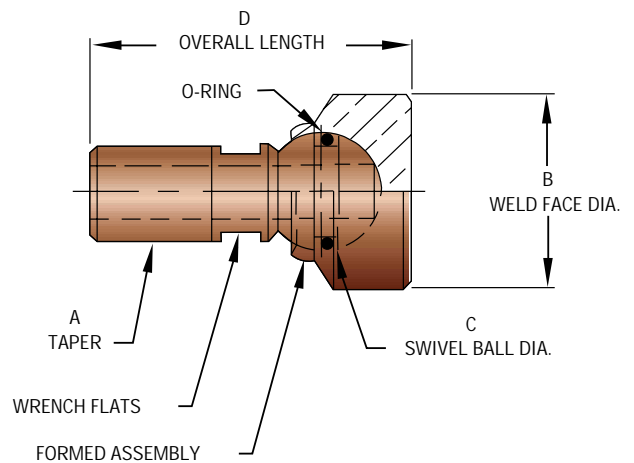


FIGURE 1-17 (Material RWMA Class 2&3)

• Dimensions Shown Are: inches (mm).

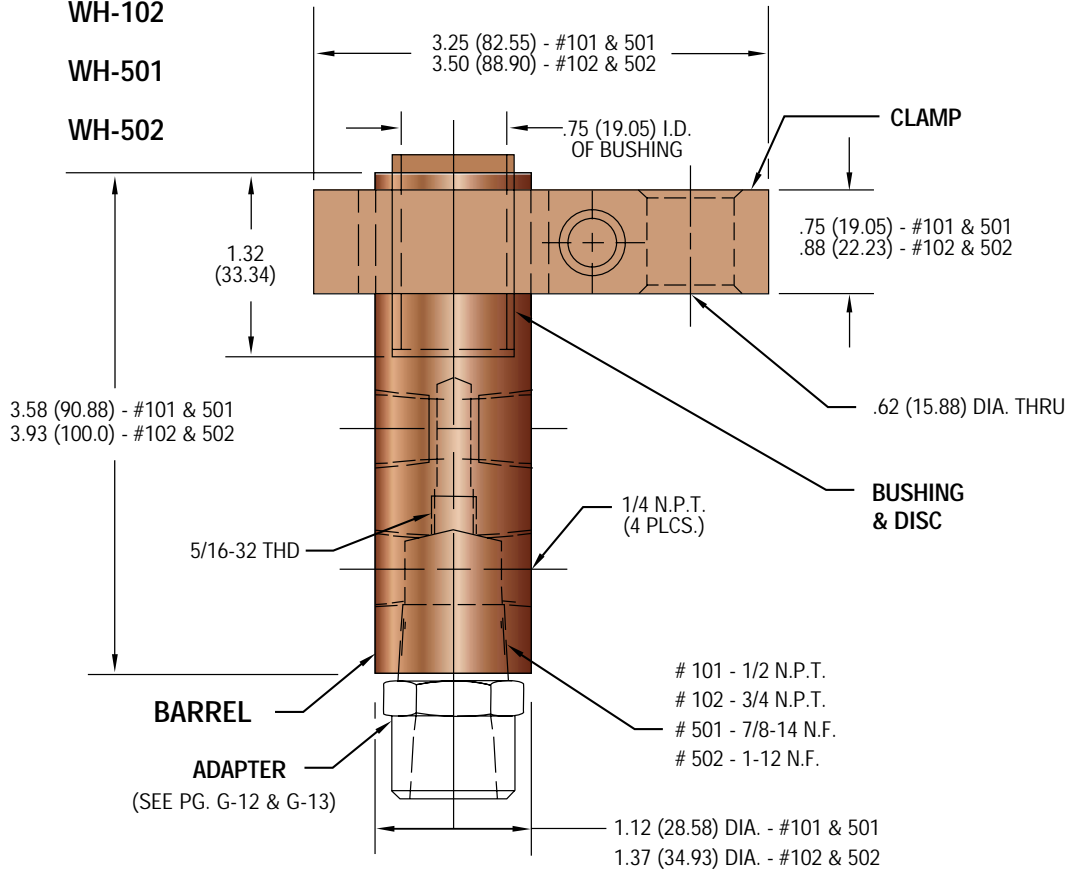
Cylinder Mounted Holders

ITEM NO. WH-101

WH-102

WH-501

WH-502



• Dimensions Shown Are: inches (mm).

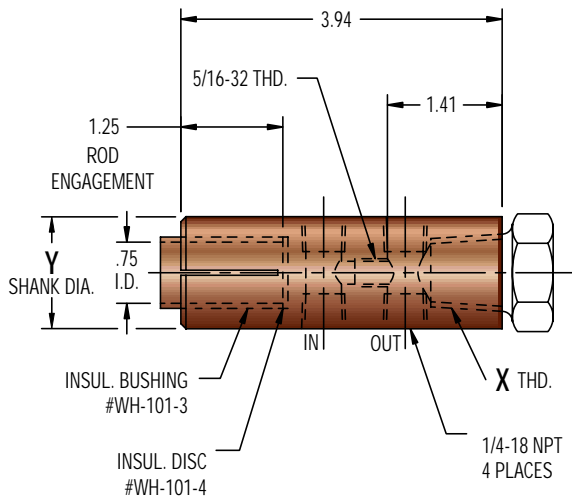
FIGURE 1-18 (Material - Copper)

101, 102, 501 & 502 SERIES HOLDERS

DETAILS	1/2 N.P.T.	3/4 N.P.T.	7/8-14 N.F.	1-12 N.F.
ASSEMBLY NO.*	WH-1010C	WH-1020C	WH-5010C	WH-5020C
BARREL	WH-101-1	WH-102-1	WH-501-1	WH-502-1
CLAMP NO.	WH-101-2	WH-102-2	WH-101-2	WH-102-2
BUSHING NO.	WH-101-3	WH-101-3	WH-101-3	WH-101-3
DISC NO.	WH-101-4	WH-101-4	WH-101-4	WH-101-4

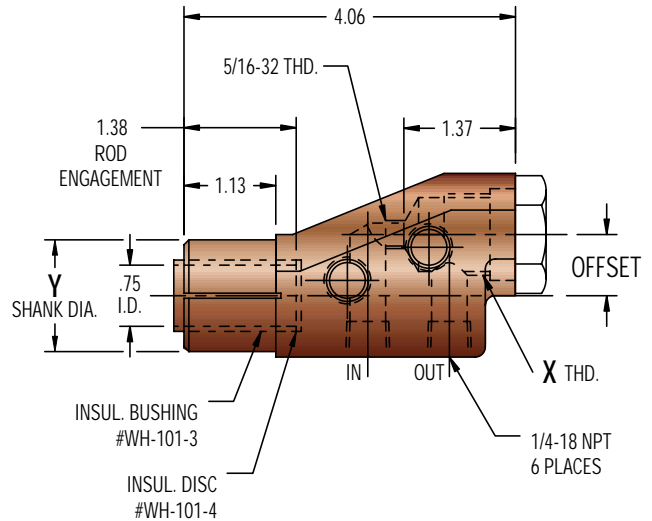
*A complete assembly consists of a barrel, clamp, bushing and disc.

Light Duty Cylinder Mounted Holders



**MATERIAL: CLASS 2 COPPER
LIGHT DUTY STRAIGHT BARREL
(WHCLL Series)**

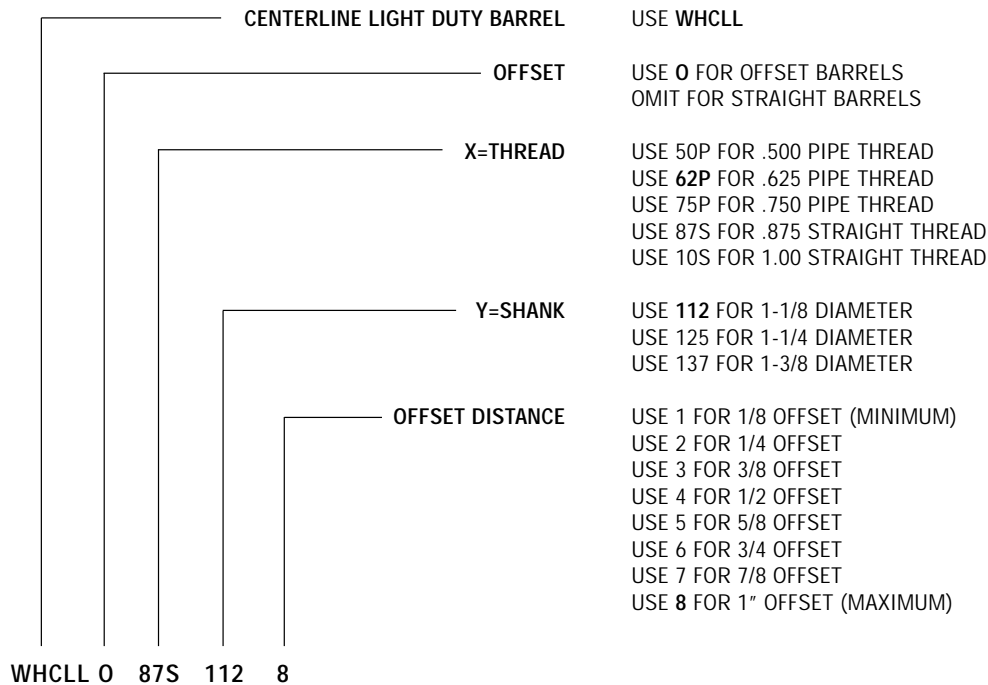
FIGURE 1-19



**MATERIAL: CLASS 3 COPPER
LIGHT DUTY OFFSET BARREL
(WHCLLO Series)**

FIGURE 1-20

EXAMPLE EXPLANATION CODING



Light Duty Shunt/Cable Clamps

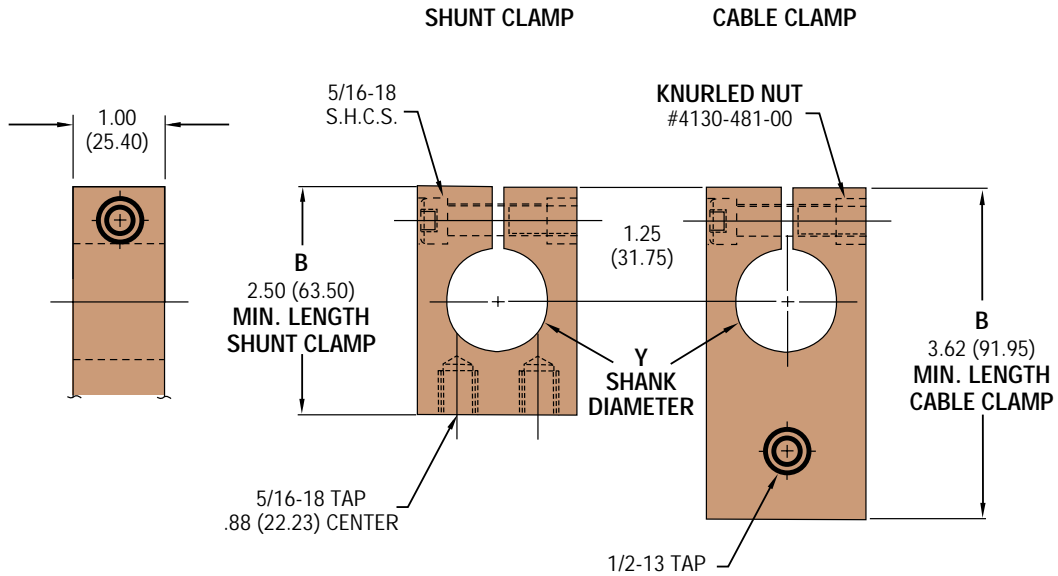
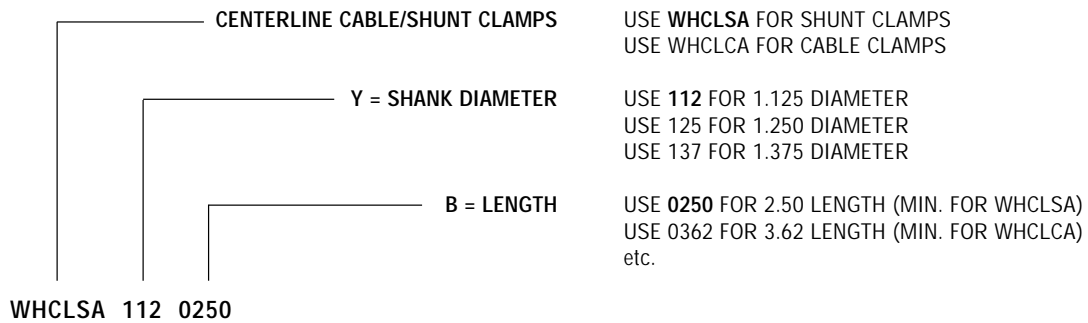
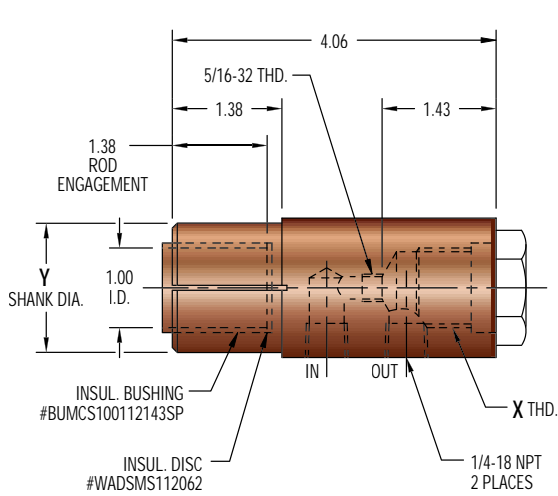


FIGURE 1-21

EXAMPLE EXPLANATION CODING

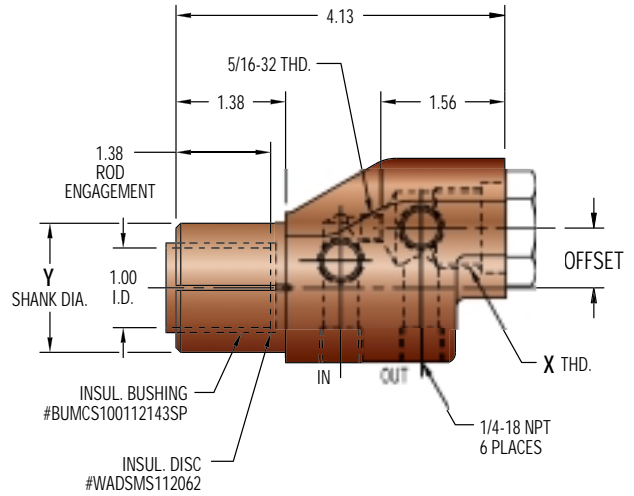


Heavy Duty Cylinder Mounted Holders



MATERIAL: CLASS 2 COPPER
HEAVY DUTY STRAIGHT BARREL
(WHCLH Series)

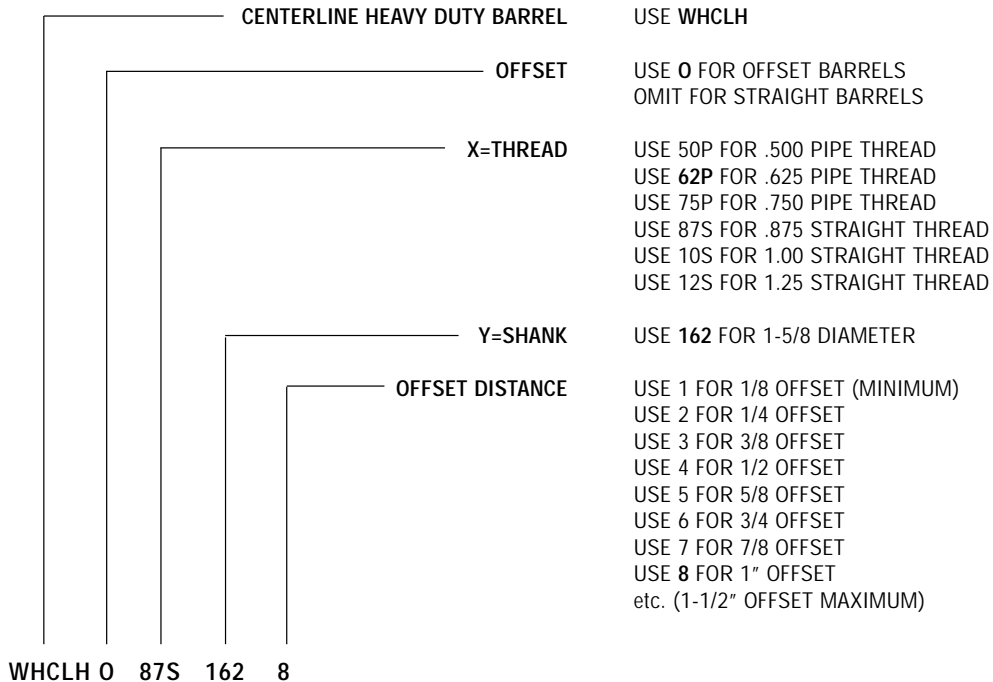
FIGURE 1-22



MATERIAL: CLASS 3 COPPER
HEAVY DUTY OFFSET BARREL
(WHCLHO Series)

FIGURE 1-23

EXAMPLE EXPLANATION CODING



Heavy Duty Shunt/Cable Clamps

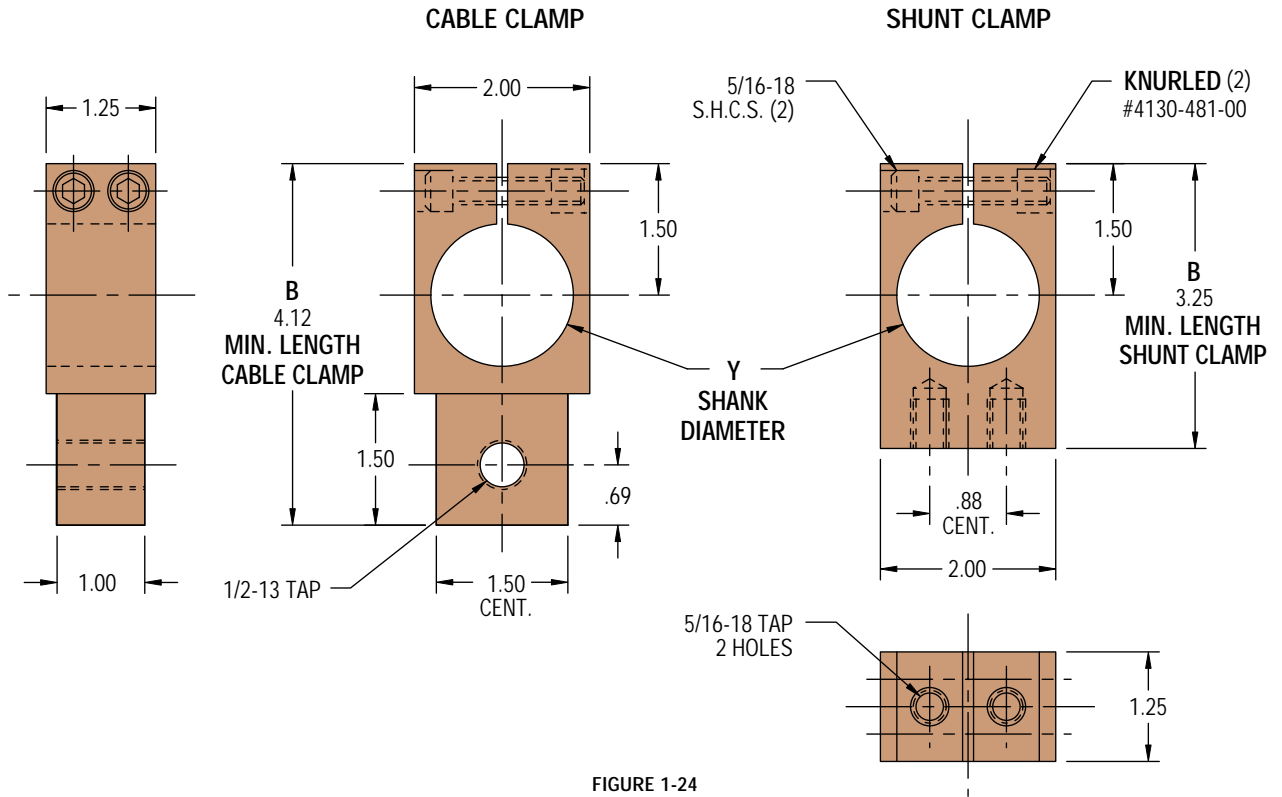
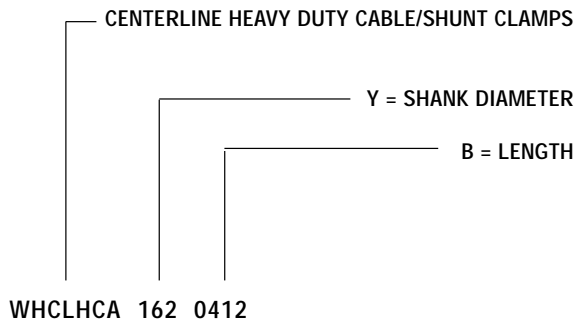


FIGURE 1-24

EXAMPLE EXPLANATION CODING



USE WHCLHSA FOR SHUNT CLAMPS
USE WHCLHCA FOR CABLE CLAMPS

USE 162 FOR 1.625 DIAMETER

USE 0325 FOR 3.25 LENGTH (MIN. FOR WHCLHSA)
USE 0412 FOR 4.12 LENGTH (MIN. FOR WHCLHCA)
etc.

ITEM NO. – CLT-1000-

TYPE "A"

*(Use with Telescoping Tubes
Type "B" & "C")*

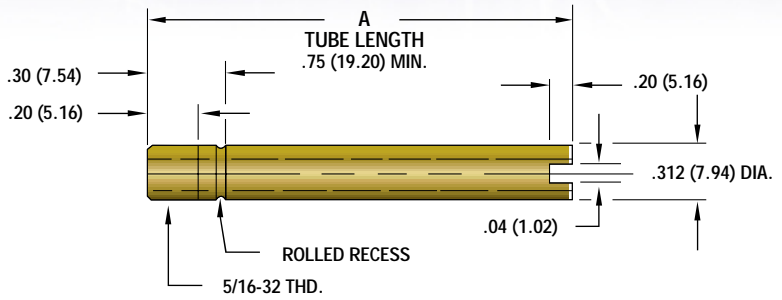


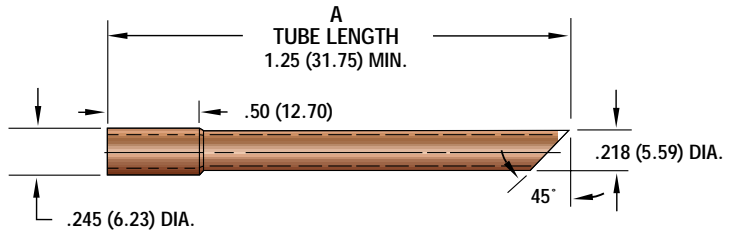
FIGURE 1-25 (Material - 1/4 ID BRASS TUBE)

ITEM NO. – CLT-1200-

TYPE "B"

(Use with 4 RW Electrodes)

FIGURE 1-26 (Material - Copper)

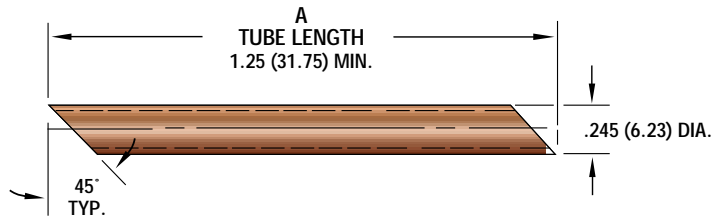


ITEM NO. – CLT-1300-

TYPE "C"

(Use with 5, 6 & 7 RW Electrodes)

FIGURE 1-27 (Material - Copper)

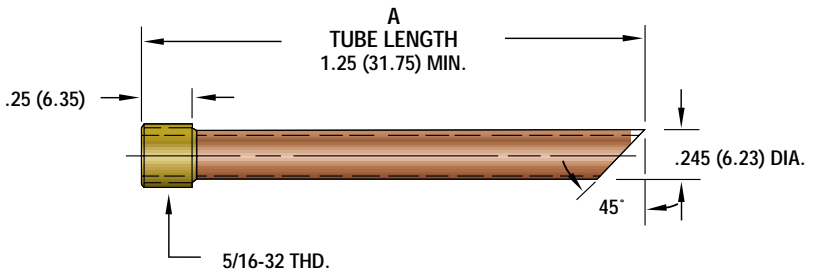


ITEM NO. – CLT-1400-

TYPE "D"

(Use with 5, 6 & 7 RW Electrodes)

FIGURE 1-28 (Material - Copper & Brass)

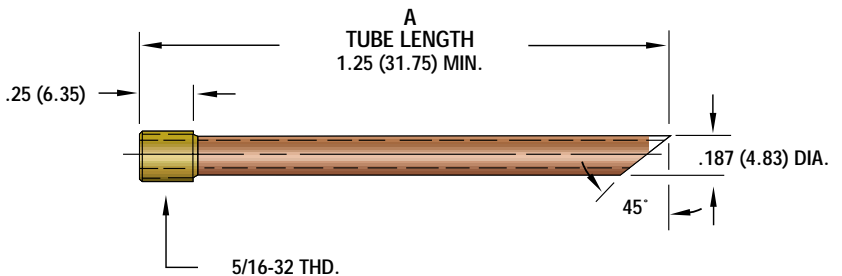


ITEM NO. – CLT-1500-

TYPE "E"

(Use with 4 RW Electrodes)

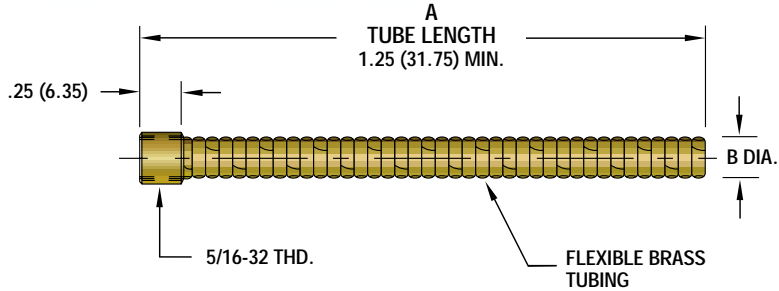
FIGURE 1-29 (Material - Copper & Brass)



ITEM NO. – CLT-1600-

TYPE "F"

B = .210 (5.31) DIA.



ITEM NO. – CLT-1700-

TYPE "G"

B = .250 (6.35) DIA.

FIGURE 1-30 (Material - Interlocked Flexible Brass)

ITEM NO. – CLT-1800-

TYPE "H"

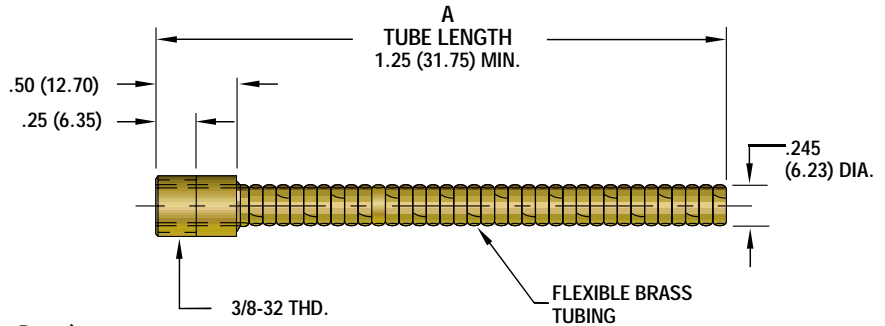
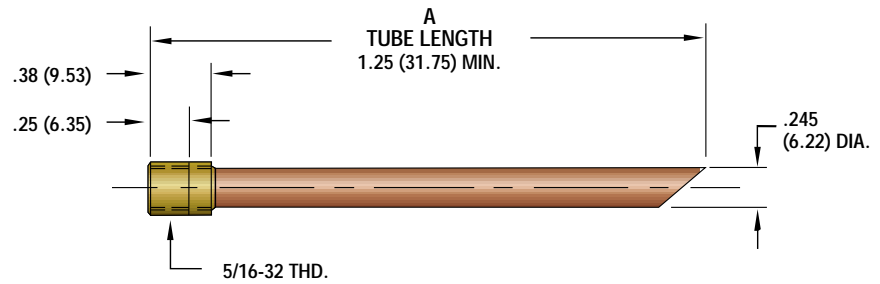


FIGURE 1-31 (Material - Interlocked Flexible Brass)

ITEM NO. – CLT-1900-

TYPE "I"



(Use with 5, 6 & 7 RW Electrodes)

FIGURE 1-32 (Material - Copper & Brass)

ITEM NO. – CLT-2000-

TYPE "J"

(Use with 5, 6 & 7 RW Electrodes)

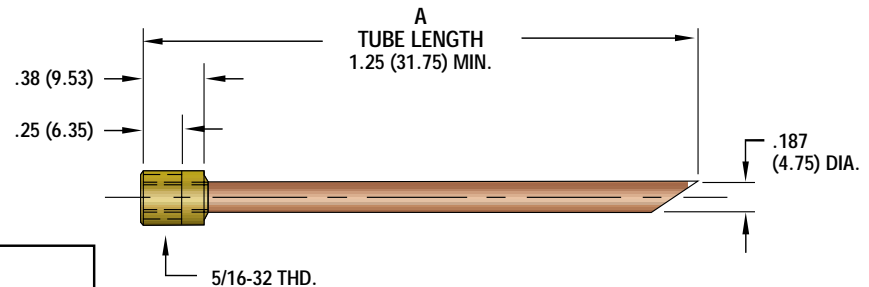


FIGURE 1-33 (Material - Copper & Brass)

PART NUMBER CODING

- Indicate Desired Tube Length "A" -
In .12 (3.18) Increments

EXAMPLE: TYPE "G" WITH 1.50 (38.10) LENGTH

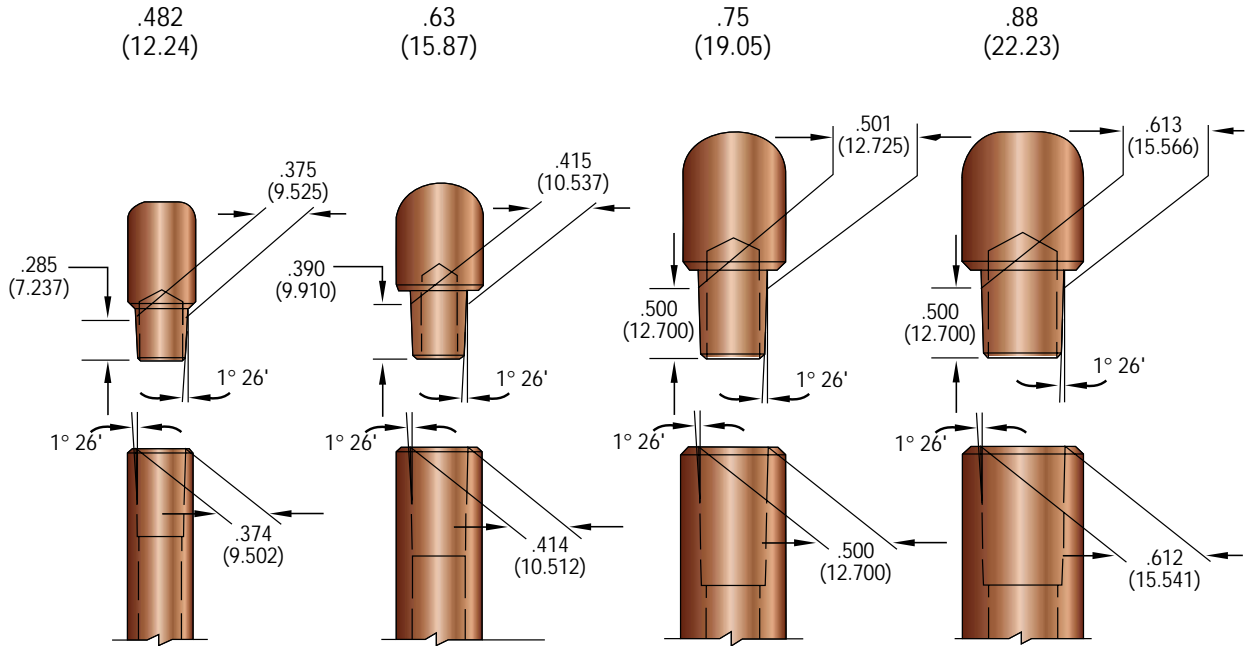
CLT - 1700 -12

Item No. _____

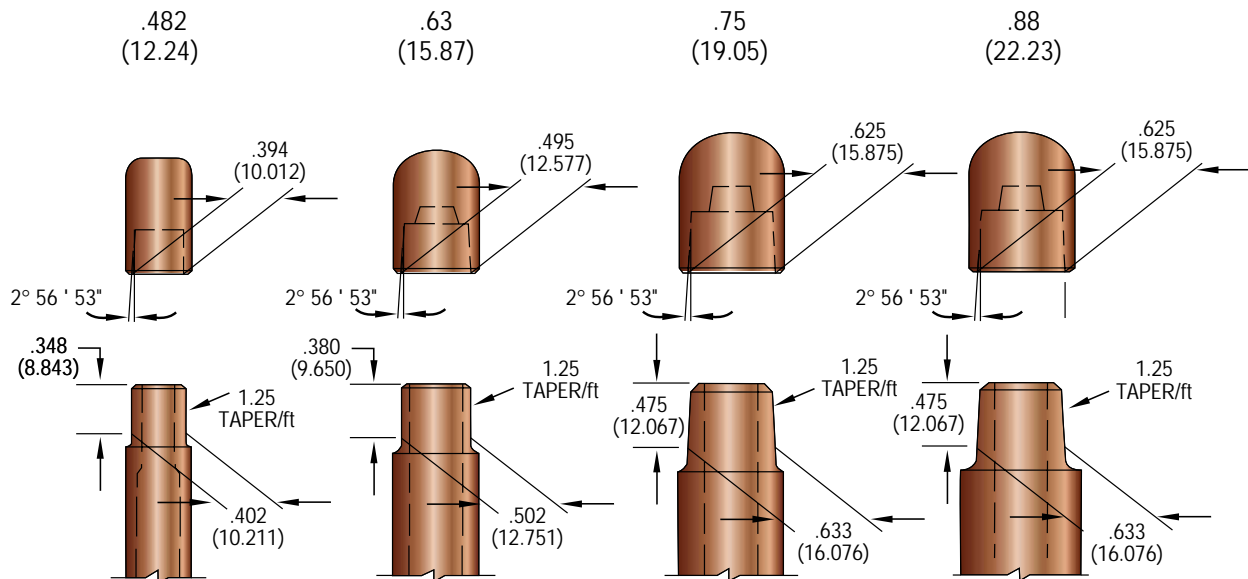
_____ "A"
Length

- Dimensions Shown Are: inches (mm).

MALE CAP DATA



FEMALE CAP DATA

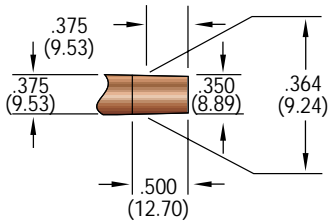


• Dimensions Shown Are: inches (mm).

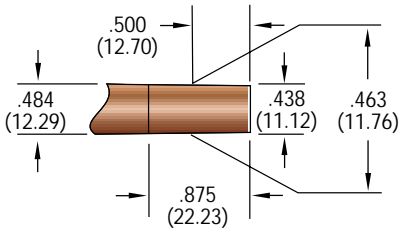
ELECTRODE AND ADAPTER TAPERS

(Refer to pages G-12 to G-15)

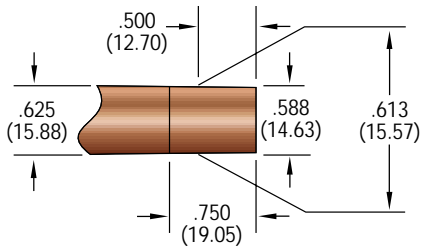
CAP TAPERS



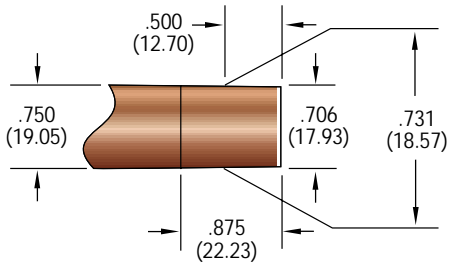
#0 MT - #3 RW



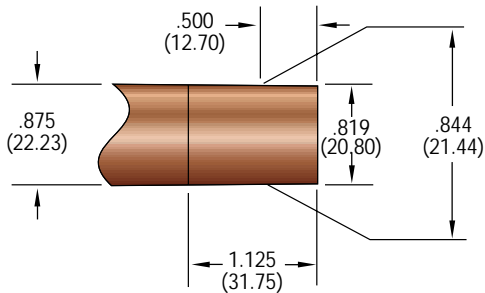
#1 MT - #4 RW



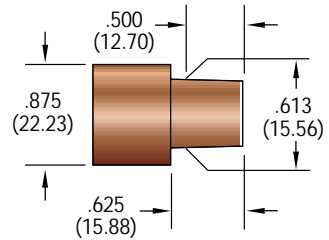
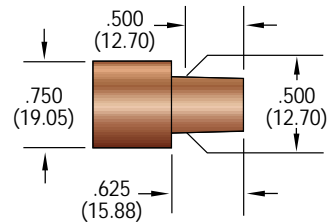
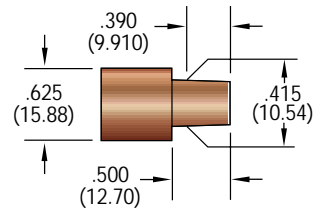
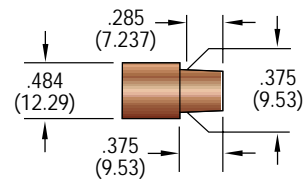
#2 MT - #5 RW



#6 RW



#3 MT - #7 RW



• Dimensions Shown Are: inches (mm).

AMSI Weld Cylinder Request For Quote

Date: _____

Requested By: _____

Company Name: _____

Contact Name: _____

Phone Number: _____

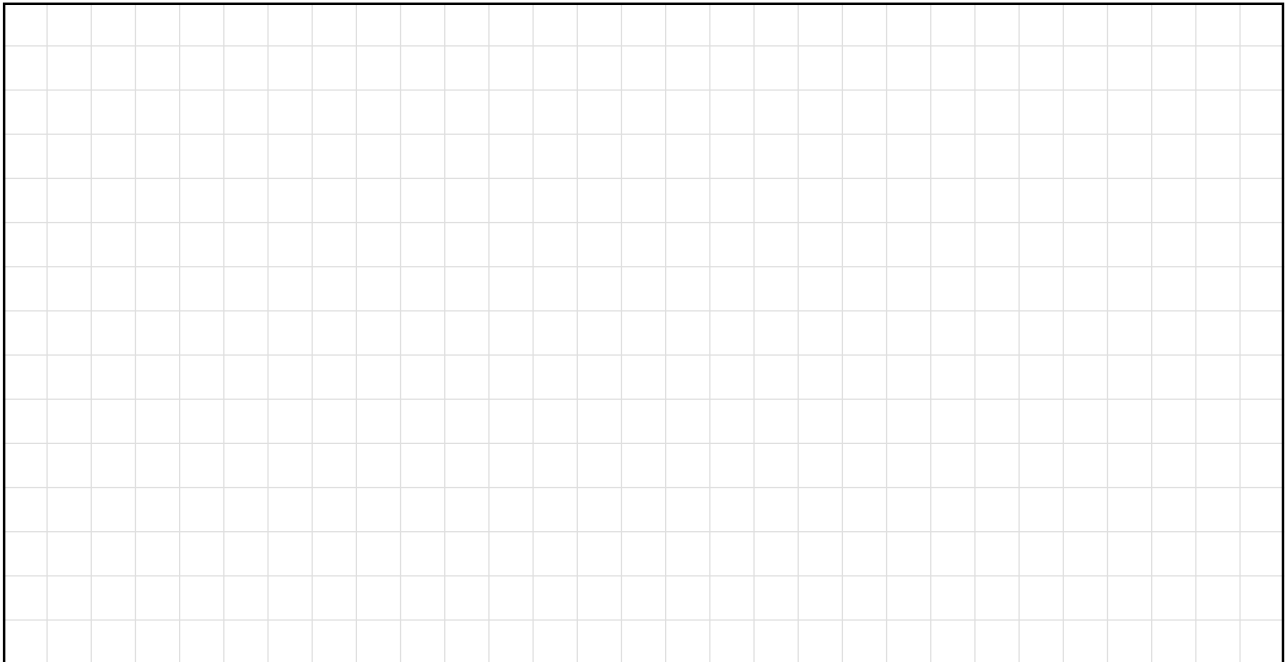
Fax Number: _____

E-mail Address: _____

Delivery Date Required: _____

Item	Model Number	Description / Comments	Quantity
1			
2			
3			
4			
5			

Sketch or Notes:





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