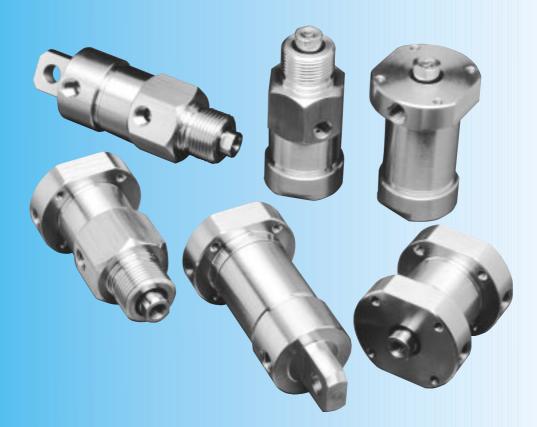
SMS Solid Stainless Cylinders

Space Saving and Conventional Lengths Pneumatic to 200 PSI Hydraulic 400 to 500 PSI Non shock 1 1/8", 1 1/2", 2", 3" Bore



300 Series Stainless Exterior Assures Aesthetics and Function in Washdown Applications or other Harsh Environments

R

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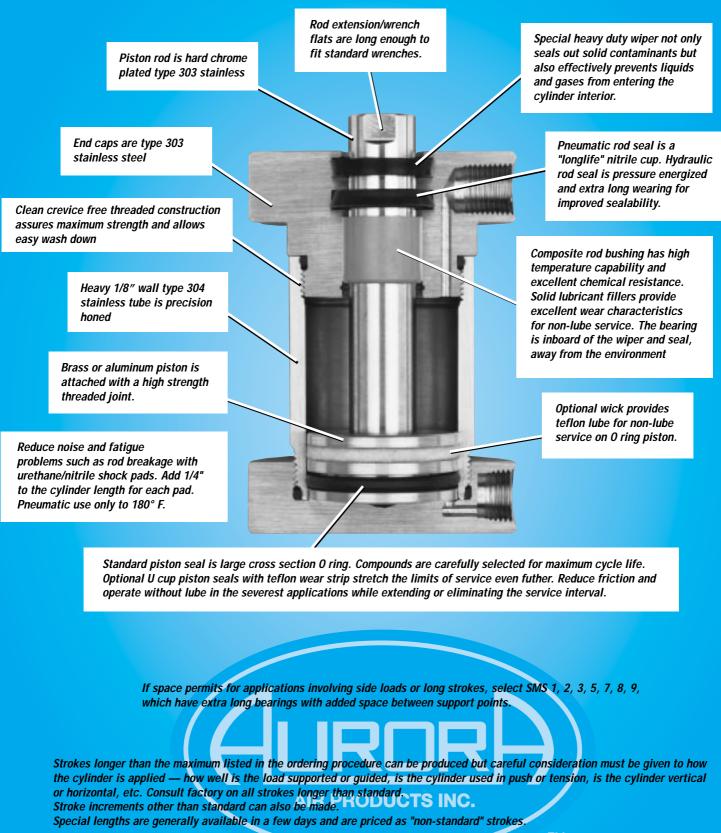
D

S

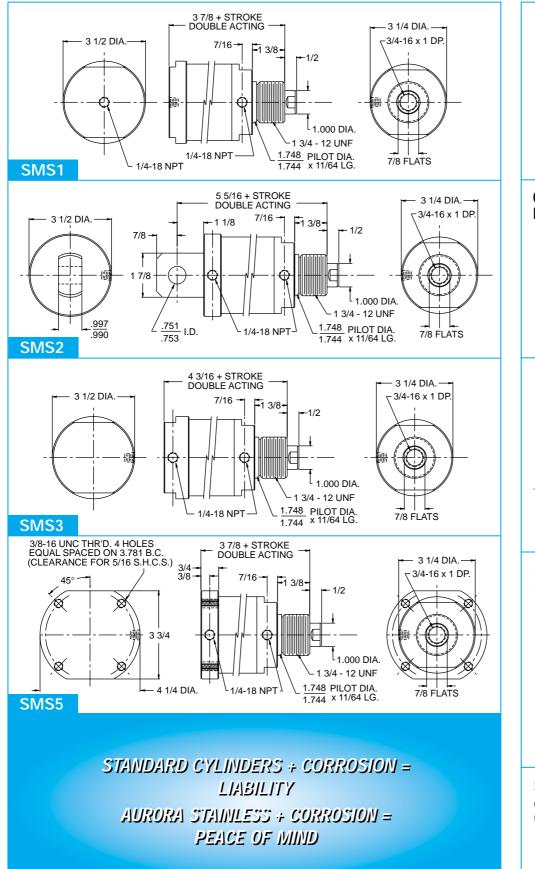
U

С

SMS DESIGN FEATURES



3" BORE SMS STAINLESS

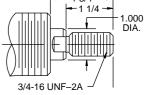


Spring Return Cylinders

Pneumatic only Springs add to cyl. length 0-2" stroke add 1 1/2" extra 2 1/2-4" stroke add 3" extra over 4" stroke not available

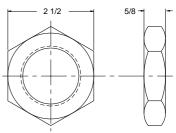
Spring force Fully extended—20# Fully compressed—75# Spring material—Stainless steel

Optional Male Rod Thread



1 3/4 -12SS Nut Nose Mounting Nut

Not included with cylinder Order Separately



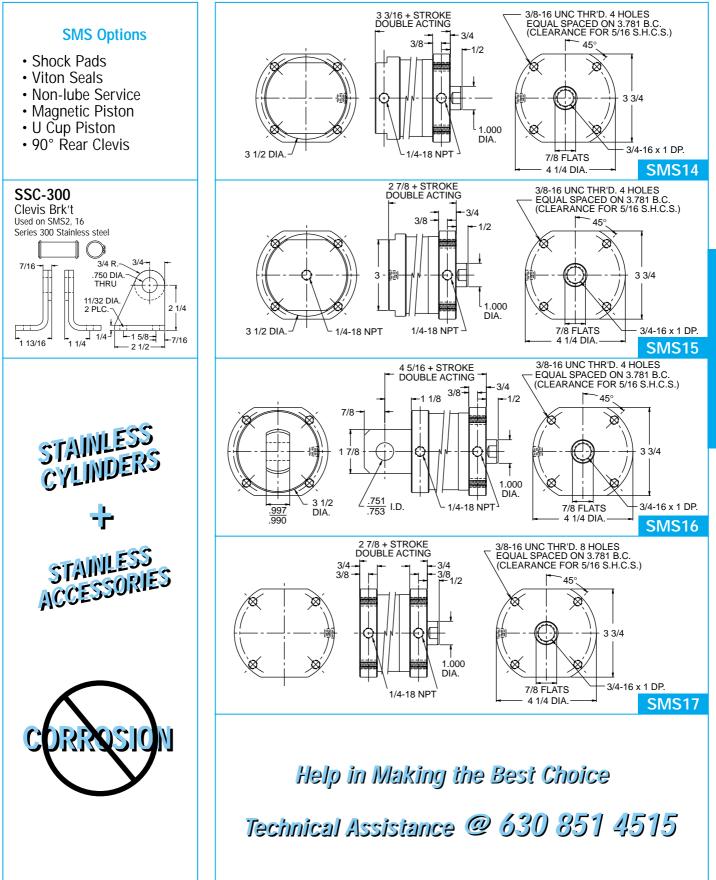
SMS-750 Rod Clevis and Nut

3/4-16 3/4-16 3/3 THREAD 3/3 Stainless

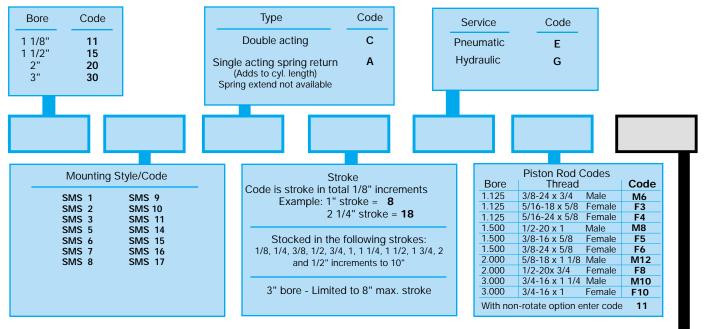
SS-701 Clevis Pin Assembly Used on SMS-750 303 Stainless

ALL AURORA PRODUCTS AVAILABLE FOR 24 HOUR DELIVERY



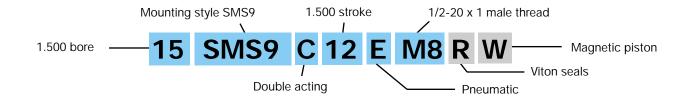


Select code numbers/letters (**bold type**) from each of the six boxes below - then select options desired from the table below. List codes in the same sequence as shown.



Option	Description		Code
Extra rod extension 1/4 " increments	Specify code letter J followed by extra length required as a two place decimal Example: $J.50 = 1/2$ " extra $J1.25 = 1 1/4$ "extra		J
Shock pads Pneu. only to 180° F Double acting only	Add to either or both ends in 1 1/8", 1 1/2", 2" bore up to 2" stroke. Over 2" stroke and on all 3" bore must be added to both ends Each pad adds 1/4" length	Rod end only Cap end only Both ends	L M N
Non-lube service	Available on standard O ring Piston. Not available or necessary on U cup pistor	1	Р
Viton seals	Standard seals are nitrile and urethane +10 to +200° F For service –10 to +400° F specify viton		R
U cup piston	Extends cycle life and reduces friction Piston is aluminum and includes teflon wear strip — adds 1/2" to length		S
Clevis 90° to std	SMS 2, 16, only		Т
Magnetic piston	Adds 1/2" to length		W
Non rotate	Available only on double acting SMS 7, 8, 9, 14, 15, 17	with male stud without male stud	
1/4" oversize ports	2" bore only — SMS 1, 2, 3, 6, 7, 8, 9, only Not available with option x,y		Z

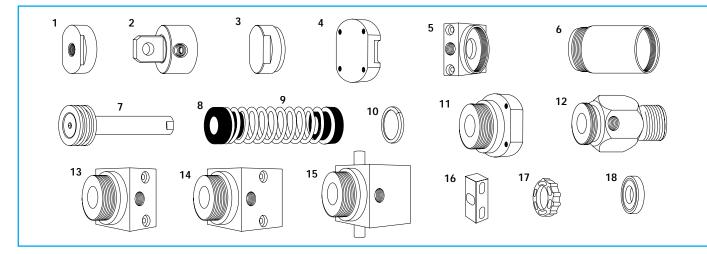
Part No. Example:



SMS Service Parts

When ordering any repair part please provide the part number and description shown below along with the serial number and part number of the cylinder being serviced.





Key	Description	1 1/8 Bore	1 1/2 Bore	2 Bore	3 Bore		
	Seal kits for cylinders with O ring piston						
	Pneumatic, Nitrile Add suffix NL for Non-Lube	SMS 3411	SMS 3415	SMS 3420	SMS 3430		
	Pneumatic, Viton Add suffix NL for Non-Lube	SMS 3411V	SMS 3415V	SMS 3420V	SMS 3430V		
	Hydraulic, Nitrile	SMS 3511	SMS 3515	SMS 3520	SMS 3530		
	Hydraulic, Viton	SMS 3511V	SMS 3515V	SMS 3520V	SMS 3530V		
	Seal kits for cylinders with U cup piston – includes Teflon wear strip						
	Pneumatic, Nitrile	SMS 5411	SMS 5415	SMS 5420	SMS 5430		
	Pneumatic, Viton	SMS 5411V	SMS 5415V	SMS 5420V	SMS 5430V		
	Hydraulic, Nitrile	SMS 5511	SMS 5515	SMS 5520	SMS 5530		
	Hydraulic, Viton	SMS 5511V	SMS 5515V	SMS 5520V	SMS 5530V		
1	Rear port cap Add suffix 250 for 2" bore 1/4 NPT	SMS 1011	SMS 1015	SMS 1020	SMS 1030		
2	Rear pivot cap Add suffix 250 for 2" bore 1/4 NPT	SMS 1111	SMS 1115	SMS 1120	SMS 1130		
2	90° Rear pivot cap Add suffix 250 for 2" bore 1/4 NPT	SMS 111190	SMS 111590	SMS 112090	SMS 113090		
3	Side port cap Add suffix 250 for 2" bore 1/4 NPT	SMS 4811	SMS 4815	SMS 4820	SMS 4830		
4	Rear flange cap	SMS 1311	SMS 1315	SMS 1320	SMS 1330		
5	Square cap Add suffix 250 for 2" bore 1/4 NPT	SMS 4611	SMS 4615	SMS 4620			
6	Tube	part No. is T followed by the complete cylinder part number					
7	Piston rod assembly	part No. is PR followed by the complete cylinder part number					
8	Spring guide Pair	SMS 1211	SMS 1215	SMS 1220	SMS 1230		
9	Spring	SS 2111	SS 2115	SS 2120	SS 2120		
10	Magnet SMS5911 and SS3215 supplied in pairs	SMS 5911	SS 3215	SS 3220	SS 3230		
11	Flange head Add suffix NR for non-rotate	SMS 1411	SMS 1415	SMS 1420	SMS 1430		
12	Nose Mount Head Add suffix 250 for 2" bore, 1/4 NPT	SMS 0111	SMS 0115	SMS 0120	SMS 0130		
13	Short square Head Add suffix 250 for 2" bore, 1/4 NPT	SMS 4411	SMS 4415	SMS 4420			
14	Long square Head Add suffix 250 for 2" bore, 1/4 NPT	SMS 4511	SMS 4515	SMS 4520			
14	Square non rotate head	SMS 4511NR	SMS 4515NR	SMS 4520NR			
15	Trunnion head	SMS 4511T	SMS 4515T	SMS 4520T			
16	Non-rotate guide bushing Pair	SMS 5111	SMS 5111	SMS 5111			
17	Cap end shock pad	Consult factory			3MSP		
18	Head end shock pad	11CSP	15CSP	2CSP	3MSP		