



RAMLOCK CYLINDERS

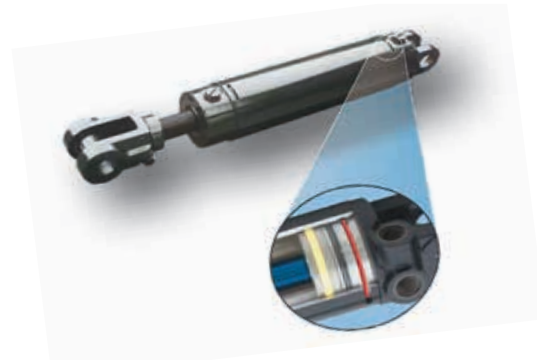


EXPERIENCE • EXPERTISE • QUALITY • SERVICE



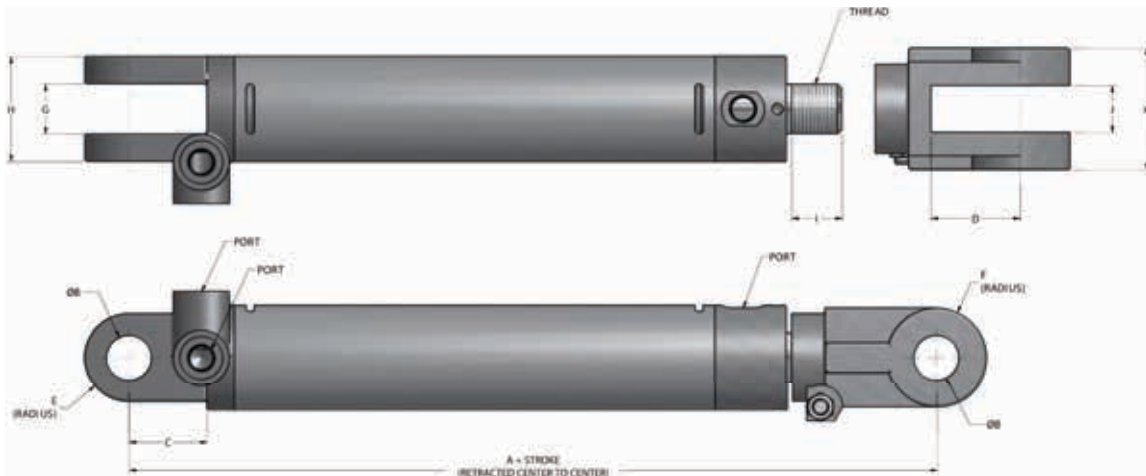
RAMLOK® WIRELOCK

The RAMLOK uses two internal high tensile spring steel rings to securely lock the cylinder barrel to the head and base. With a 3000 PSI operating pressure, these cylinders are a viable alternative to Tyrod and welded cylinder designs.



STANDARD FEATURES

- | | | | |
|-------------------------|--|----------------------------|--|
| Intended Use: | Double acting applications | Piston Locknut: | High tensile grade C |
| Rated Pressure: | 3000 PSI | Pin & Pin Clip: | High tensile zinc-plated steel |
| Rod Material: | High tensile SAE C1045,
ground and polished hard chrome plated | End Mounts: | Female clevises |
| Barrel Material: | High tensile SAE C1026
St52.3 cold drawn tube precision honed
for extended seal life | Clevis Clamp: | Grade 8 bolt and nut |
| Gland Material: | Ductile iron 65-45-12 (ASTM A536) | Ports: | SAE |
| Piston Material: | Ductile iron 65-45-12 (ASTM A536) | Port Plugs: | High quality steel |
| | | Internal Seals: | North American |
| | | Paint Finish: | 2 part urethane black (or custom colors) |
| | | Testing: | 100% full cycle tested |



RAMLOK™ SERIES DIMENSIONS

Bore	A	B	C	D	E	F	G	H	I	J	K	Ports	Threads
2.00	10.25*	1.015	1.88	2.00	1.00	1.13	1.13	2.50	1.13	1.13	2.75	SAE-6	1.125 - 12 UNF
2.50	10.25*	1.015	1.88	2.00	1.00	1.13	1.13	2.63	1.13	1.13	2.75	SAE-6	1.125 - 12 UNF
3.00	10.25*	1.015	1.88	2.00	1.00	1.13	1.13	2.63	1.13	1.13	2.75	SAE-8	1.250 - 12 UNF
3.50	10.25*	1.015	1.88	2.00	1.13	1.13	1.13	2.63	1.13	1.13	2.75	SAE-8	1.250 - 12 UNF
4.00	10.25*	1.015	1.88	2.00	1.13	1.13	1.13	2.81	1.13	1.13	2.75	SAE-8	1.250 - 12 UNF

*For the standard ASAE (8" stroke) cylinders this dimension is 12.25"

Measurements for A, B, C, D, E, F, G, H, I, J, K are in inches.

All Specifications are subject to change without notice.



**RAMLOK WIRELOCK
CYLINDERS**

Bore (inches)	RAM Part Number	Stroke (inches)	Rod Diameter (inches)	Pin Center to Center (inches)		Ports	Pin Diameter Nominal (inches)	Maximum Rated Pressure & Column Load on Full Extension		Shipping Weight (lbs)
				Retracted	Extended			Pressure (PSI)	Load (lbf)	
2.00	R4505548C	4	1.125	14.25	18.25	SAE-6	1.000	3000	9425	14
	R4505549C	6	1.125	16.25	22.25					15
	R4505550C	8	1.125	18.25	26.25					16
	R4505551C*	8	1.125	20.25	28.25					16.5
	R4505552C	10	1.125	20.25	30.25					18
	R4505553C	12	1.125	22.25	34.25					19
	R4505554C	14	1.125	24.25	38.25					20
	R4505555C	16	1.125	26.25	42.25					21
	R4505556C	18	1.125	28.25	46.25					22
	R4505557C	20	1.125	30.25	50.25					23
	R4505558C	24	1.125	34.25	58.25					27
	R4505559C	30	1.125	40.25	70.25					32
R4505560C	36	1.125	46.25	82.25	37					
2.50	R4505561C	4	1.125	14.25	18.25	SAE-6	1.000	3000	14726	15
	R4505562C	6	1.125	16.25	22.25					17
	R4505563C	8	1.125	18.25	26.25					19
	R4505564C*	8	1.125	20.25	28.25					19.5
	R4505565C	10	1.125	20.25	30.25					21
	R4505566C	12	1.125	22.25	34.25					23
	R4505567C	14	1.125	24.25	38.25					25
	R4505568C	16	1.250	26.25	42.25					27
	R4505569C	18	1.250	28.25	46.25					29
	R4505570C	20	1.250	30.25	50.25					31
	R4505571C	24	1.250	34.25	58.25					34
	R4505572C	30	1.250	40.25	70.25					39
R4505573C	36	1.250	46.25	82.25	44					
3.00	R4505574C	4	1.250	14.25	18.25	SAE-8	1.000	3000	21205	18
	R4505575C	6	1.250	16.25	22.25					21
	R4505576C	8	1.250	18.25	26.25					25
	R4505577C*	8	1.250	20.25	28.25					25.5
	R4505578C	10	1.250	20.25	30.25					28
	R4505579C	12	1.250	22.25	34.25					30
	R4505580C	14	1.250	24.25	38.25					32
	R4505581C	16	1.500	26.25	42.25					35
	R4505582C	18	1.500	28.25	46.25					37
	R4505583C	20	1.500	30.25	50.25					39
	R4505584C	24	1.500	34.25	58.25					43
	R4505585C	30	1.500	40.25	70.25					49
R4505586C	36	1.500	46.25	82.25	55					
3.50	R4505587C	4	1.250	14.25	18.25	SAE-8	1.000	3000	28863	28
	R4505588C	6	1.250	16.25	22.25					30
	R4505589C	8	1.250	18.25	26.25					32
	R4505590C*	8	1.250	20.25	28.25					32.5
	R4505591C	10	1.250	20.25	30.25					34
	R4505592C	12	1.250	22.25	34.25					36
	R4505593C	14	1.250	24.25	38.25					38
	R4505594C	16	1.500	26.25	42.25					45
	R4505595C	18	1.500	28.25	46.25					47
	R4505596C	20	1.500	30.25	50.25					49
	R4505597C	24	1.500	34.25	58.25					53
	R4505598C	30	1.500	40.25	70.25					59
R4505599C	36	1.500	46.25	82.25	65					
4.00	R4505600C	4	1.375	14.25	18.25	SAE-8	1.000	3000	37699	32
	R4505601C	6	1.375	16.25	22.25					35
	R4505602C	8	1.375	18.25	26.25					38
	R4505603C*	8	1.375	20.25	28.25					38.5
	R4505604C	10	1.375	20.25	30.25					40
	R4505605C	12	1.375	22.25	34.25					43
	R4505606C	14	1.375	24.25	38.25					46
	R4505607C	16	1.750	26.25	42.25					52
	R4505608C	18	1.750	28.25	46.25					56
	R4505609C	20	1.750	30.25	50.25					59
	R4505610C	24	1.750	34.25	58.25					66
	R4505611C	30	1.750	40.25	70.25					76
R4505612C	36	1.750	46.25	82.25	86					

*Conforms to ASAE (American Society of Agricultural Engineers) specifications.

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All weights are approximate shipping weights.





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