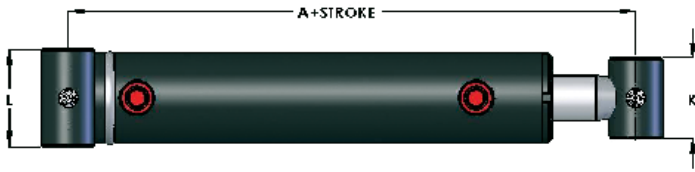


MAL MODEL - SPECIFICATIONS



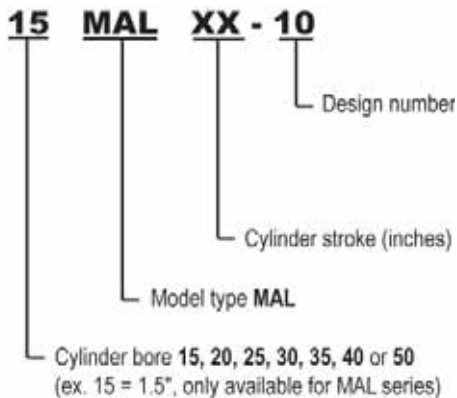
Pressure (PSI)	
Operating	Testing
3000	5600



MAL CYLINDER DIMENSIONS

	TUBE DIA.	A	Ø B PIN	K	L	PORTS (SAE)
in.	1.500	8.000	0.750	2.000	2.250	6
mm	38.10	203.20	19.05	50.80	57.15	
in.	2.000	8.000	1.000	2.250	2.750	6
mm	50.80	203.20	25.40	57.15	69.85	
in.	2.500	8.000	1.000	2.250	3.250	8
mm	63.50	203.20	25.40	57.15	82.55	
in.	3.000	8.000	1.000	2.250	3.750	8
mm	76.20	203.20	25.40	57.15	95.25	
in.	3.500	10.000	1.250	2.250	4.250	8
mm	88.90	254.00	31.750	57.15	107.95	
in.	4.000	10.000	1.500	2.500	4.750	8
mm	101.60	254.00	38.10	63.50	120.65	
in.	5.000	12.000	1.750 / 2.000	3.250	6.000	12
mm	127.00	304.80	44.45	82.55	152.40	

MODEL NUMBER FOR MAL



! WARNING / ATTENTION

PLEASE NOTE THAT THE MAXIMUM CAPACITY OF CLEVIS PINS ARE:

VEUILLEZ NOTER QUE LA CAPACITÉ MAXIMUM DES GOUPILLES D'ATTACHEMENT EST DE :

1" Ø = 26 000 Lbs	1-1/2" Ø = 56 000 Lbs
1-1/4" Ø = 39 000 Lbs	2" Ø = 96 000 Lbs

LIMITED LIFETIME WARRANTY ON OUR CYLINDERS AGAINST ALL MANUFACTURING DEFECTS

Product availability, specifications and prices are subject to change without notice. Taxes extra.

MAL MODELS

MODEL	BORE X STROKE (in.)	ROD DIA. (in.)	PIN DIA. (in.)	CENTER TO CENTER OF PIN (in.)		PORTS	WEIGHT (lb)	LIST PRICE	SEAL KIT	
				Retracted	Extended				PART #	PRICE
50MAL08-10	5 X 8	2-1/2	1-3/4 & 2	20	28	SAE-12	82	\$551.00	HYS MF 502500-10	\$29.61
50MAL10-10	5 X 10			22	32		89	\$577.00		
50MAL12-10	5 X 12			24	36		95	\$647.50		
50MAL14-10	5 X 14			26	40		101	\$700.00		
50MAL16-10	5 X 16			28	44		108	\$731.00		
50MAL18-10	5 X 18			30	48		114	\$753.00		
50MAL20-10	5 X 20			32	52		121	\$800.00		
50MAL24-10	5 X 24			36	60		133	\$823.00		
50MAL28-10	5 X 28			40	68		146	\$868.00		
50MAL30-10	5 X 30			42	72		152	\$901.00		
50MAL32-10	5 X 32			44	76		159	\$967.00		
50MAL36-10	5 X 36			48	84		172	\$1 020.00		
50MAL40-10	5 X 40			52	92		184	\$1 093.00		
50MAL48-10	5 X 48			60	108		210	\$1 200.00		

CYLINDER PARTS & ACCESSORIES



PIN ONLY



PIN & BUSHING KIT



FEMALE CLEVIS



STROKE LIMITERS

Dimensions in inches

PIN ONLY						
MODEL	Ø PIN	USABLE LENGTH	FOR CYLINDER MODEL			LIST PRICE
PIN1X2750	1	2.750	20AGU-10	25AGU-10	30AGU-10 35AGU-10 40AGU-10	\$2.99
PIN1X2250	1	2.250	20FEM-10 25FEM-10 30FEM-10			\$2.99
PIN125X2500	1-1/4	2.500	35FEM-10			\$5.49
PIN150X3250	1-1/2	3.250	40FEM-10			\$8.99
PIN2X4250	2	4.250	50FEM-10			\$19.20

PIN & BUSHING KIT (includes 2 pins & 4 bushings)			
MODEL	Ø PIN	FOR CYLINDER MODEL	LIST PRICE
HYF-35-075-K	1-1/4 to 1	35FEM-10	\$14.98
HYF-40-075-ASAE-K	1-1/2 to 1	40FEM-ASAE-10	\$19.98
HYF-40-075-K	1-1/2 to 1	40FEM-10	\$19.98
HYF-50-075-K	2 to 1-1/2	50FEM-10	\$28.98
HYM-50-075	2 to 1 3/4	50MAL-10 (2 bushings only)	\$4.25
ITC12-18-001	1 1/2 to 1	12ITC-10 (1 bushing only)	\$2.50

FEMALE CLEVIS			
MODEL	THREAD	FOR CYLINDER MODEL	LIST PRICE
AGU-20-070	1-1/8 12UNF	20AGU-10 25AGU-10	\$20.99
AGU-30-070	1-1/4 12UNF	30AGU-10 35AGU-10	\$20.99
AGU-40-070	1-1/4 12UNF	40AGU-10	\$26.99

STROKE LIMITER ADJUSTABLE FROM 2 1/8" TO 5 3/16"			
MODEL	Ø ROD	FOR CYLINDER MODEL	LIST PRICE
SL-1125-3000-001	1-1/8	20AGU-10 25AGU-10	\$20.58
SL-1250-3000-001	1-1/4	30AGU-10 35AGU-10 40AGU-10	\$20.58
SL-1250-3000-002	1-1/2 1-3/4 2	35AGU-10 40AGU-10	\$36.80

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MAL MODELS

MODEL	BORE X STROKE (in.)	ROD DIA. (in.)	PIN DIA. (in.)	CENTER TO CENTER OF PIN (in.)		PORTS	WEIGHT (lb)	LIST PRICE	SEAL KIT	
				Retracted	Extended				PART #	PRICE
15MAL04-10	1 1/2 X 4	1	3/4	12	16		8	\$124.23	HYS MF 151000-10	\$5.76
15MAL06-10	1 1/2 X 6			14	20		9	\$134.96		
15MAL08-10	1 1/2 X 8			16	24		10	\$144.48		
15MAL10-10	1 1/2 X 10			18	28		12	\$152.32		
15MAL12-10	1 1/2 X 12			20	32		13	\$164.08		
15MAL14-10	1 1/2 X 14			22	36		14	\$180.32		
15MAL16-10	1 1/2 X 16			24	40		15	\$198.24		
20MAL04-10	2 X 4			1-1/4			12	16		
20MAL06-10	2 X 6	14	20			13	\$129.36			
20MAL08-10	2 X 8	16	24			15	\$136.08			
20MAL10-10	2 X 10	18	28			16	\$144.48			
20MAL12-10	2 X 12	20	32			18	\$150.64			
20MAL14-10	2 X 14	22	36			20	\$158.48			
20MAL16-10	2 X 16	24	40			21	\$169.12			
20MAL18-10	2 X 18	26	44			23	\$178.64			
20MAL20-10	2 X 20	28	48			25	\$184.24			
20MAL24-10	2 X 24	32	56			28	\$199.92			
20MAL28-10	2 X 28	36	64			31	\$208.32			
20MAL30-10	2 X 30	38	68			33	\$246.96			
20MAL32-10	2 X 32	40	72			35	\$262.08			
20MAL36-10	2 X 36	44	80			39	\$273.28			
20MAL40-10	2 X 40	48	88			42	\$301.28			
20MAL48-10	2 X 48	56	104			49	\$356.72			
25MAL04-10	2 1/2 X 4	1-1/2	1	12	16	SAE-8	15	\$141.68	HYS MF 251500-10	\$8.73
25MAL06-10	2 1/2 X 6			14	20		17	\$148.40		
25MAL08-10	2 1/2 X 8			16	24		20	\$155.12		
25MAL10-10	2 1/2 X 10			18	28		22	\$164.64		
25MAL12-10	2 1/2 X 12			20	32		24	\$170.24		
25MAL14-10	2 1/2 X 14			22	36		26	\$180.88		
25MAL16-10	2 1/2 X 16			24	40		28	\$187.04		
25MAL18-10	2 1/2 X 18			26	44		31	\$195.44		
25MAL20-10	2 1/2 X 20			28	48		33	\$208.88		
25MAL24-10	2 1/2 X 24			32	56		37	\$223.44		
25MAL28-10	2 1/2 X 28			36	64		42	\$244.72		
25MAL30-10	2 1/2 X 30			38	68		44	\$269.92		
25MAL32-10	2 1/2 X 32			40	72		46	\$286.16		
25MAL36-10	2 1/2 X 36			44	80		51	\$298.48		
25MAL40-10	2 1/2 X 40			48	88		55	\$338.80		
25MAL48-10	2 1/2 X 48			56	104		64	\$419.44		
30MAL06-10	3 X 6	1-1/2		14	20		21	\$155.68	HYS MF 301500-10	\$10.53
30MAL08-10	3 X 8			16	24		24	\$170.24		
30MAL10-10	3 X 10			18	28		26	\$182.56		

MAL MODELS

MODEL	BORE X STROKE (in.)	ROD DIA. (in.)	PIN DIA. (in.)	CENTER TO CENTER OF PIN (in.)		PORTS	WEIGHT (lb)	LIST PRICE	SEAL KIT	
				Retracted	Extended				PART #	PRICE
30MAL12-10	3 X 12	1-1/2	1	20	32	SAE-8	29	\$197.12	HYS MF 301500-10	\$10.53
30MAL14-10	3 X 14			22	36		31	\$204.96		
30MAL16-10	3 X 16			24	40		33	\$213.36		
30MAL18-10	3 X 18			26	44		36	\$221.20		
30MAL20-10	3 X 20			28	48		38	\$232.40		
30MAL24-10	3 X 24			32	56		43	\$257.60		
30MAL28-10	3 X 28			36	64		48	\$283.92		
30MAL30-10	3 X 30			38	68		50	\$295.12		
30MAL32-10	3 X 32			40	72		53	\$309.68		
30MAL36-10	3 X 36			44	80		58	\$331.52		
30MAL40-10	3 X 40			48	88		63	\$388.64		
30MAL48-10	3 X 48			56	104		73	\$430.64		
35MAL06-10	3 1/2 X 6			1-3/4	1-1/4		16	22		
35MAL08-10	3 1/2 X 8	18	26			33	\$197.68			
35MAL10-10	3 1/2 X 10	20	30			36	\$206.08			
35MAL12-10	3 1/2 X 12	22	34			39	\$217.28			
35MAL14-10	3 1/2 X 14	24	38			42	\$226.80			
35MAL16-10	3 1/2 X 16	26	42			45	\$248.64			
35MAL18-10	3 1/2 X 18	28	46			48	\$262.64			
35MAL20-10	3 1/2 X 20	30	50			51	\$276.08			
35MAL24-10	3 1/2 X 24	34	58			57	\$296.80			
35MAL28-10	3 1/2 X 28	38	66			63	\$341.60			
35MAL30-10	3 1/2 X 30	40	70			66	\$370.16			
35MAL32-10	3 1/2 X 32	42	74			69	\$381.92			
35MAL36-10	3 1/2 X 36	46	82			75	\$413.84			
35MAL40-10	3 1/2 X 40	50	90			81	\$434.00			
35MAL48-10	3 1/2 X 48	58	106			93	\$490.00			
40MAL08-10	4 X 8	2	1-1/2			18	26	SAE-8	46	\$232.96
40MAL10-10	4 X 10			20	30	50	\$256.48			
40MAL12-10	4 X 12			22	34	55	\$271.60			
40MAL14-10	4 X 14			24	38	59	\$292.32			
40MAL16-10	4 X 16			26	42	63	\$302.96			
40MAL18-10	4 X 18			28	46	67	\$314.72			
40MAL20-10	4 X 20			30	50	71	\$328.16			
40MAL24-10	4 X 24			34	58	80	\$346.08			
40MAL28-10	4 X 28			38	66	88	\$391.44			
40MAL30-10	4 X 30			40	70	92	\$417.20			
40MAL32-10	4 X 32			42	74	96	\$437.92			
40MAL36-10	4 X 36			46	82	105	\$465.92			
40MAL40-10	4 X 40			50	90	113	\$497.28			
40MAL48-10	4 X 48			58	106	130	\$577.36			

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