PENINSULAR CYLINDER CO.

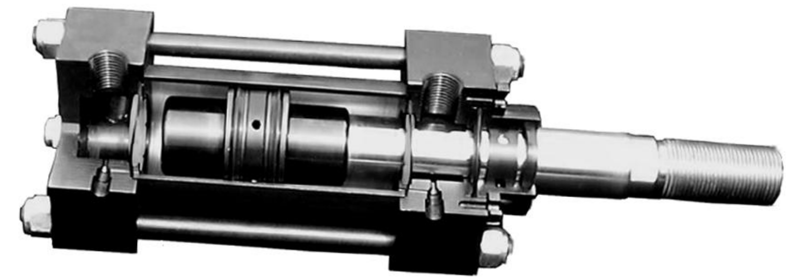
Pneumatic & Hydraulic Cylinders

Manufactured to Chrysler Specifications

CHRYSLER

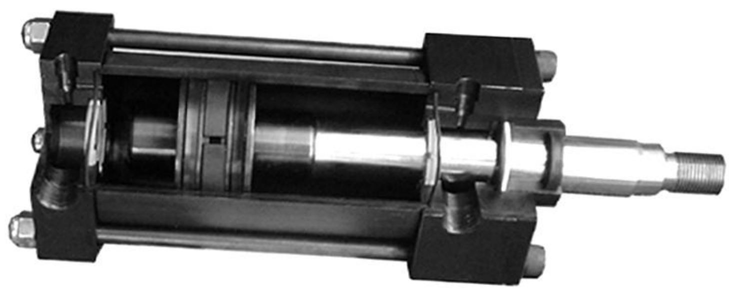
MMAC-100

Chrysler Standard
250 PSI Heavy Duty
Air Cylinders



MMAC-200

Chrysler Standard
(NFPA Interchangeable)
250 PSI Heavy Duty
Air Cylinders



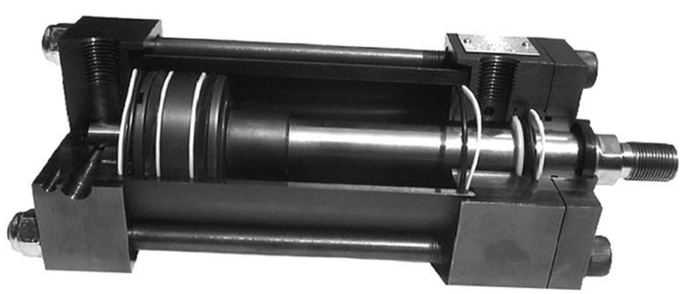
MMHC-200

Chrysler Standard
(NFPA Interchangeable)
1500 PSI Rated
Low-Pressure
Hydraulic Cylinders

* Pictured is the MMAC-200 (250 PSI Rated Air Cylinder). The MMHC-200 (1500 PSI Rated Hydraulic Cylinder) is dimensionally the same, but uses low pressure hydraulic seals.

MMHC-500

Chrysler Standard
(NFPA Interchangeable)
3000 PSI Rated
High-Pressure
Hydraulic Cylinders



27650 Groesbeck Highway * Roseville, Michigan 48066-2759
(586) 775-7211 * (800) 526-7968 * Fax: (586) 775-4545
www.Peninsularcylinders.com Email: Sales@Peninsularcylinders.com

REL 4/20/04 REV 4/20/04

PENINSULAR
CYLINDER CO.

27650 Groesbeck Highway
Roseville, MI 48066-2759
800-526-7968
586-775-7211
fax 586-775-4545

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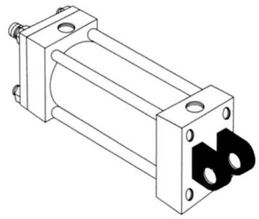
PENINSULAR CYLINDER CO.

Cap Fixed Clevis (MP1)



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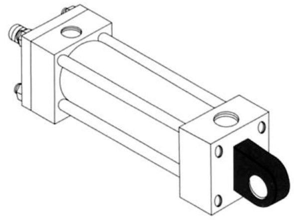
Cap-Fixed Eye (MP3)



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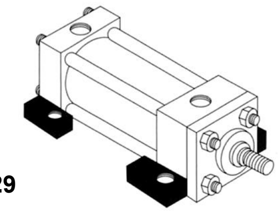
Foot Side Lugs (MS2)



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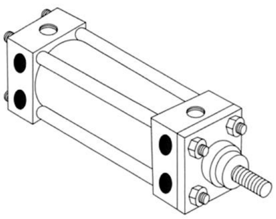
Side Tapped (MS4)



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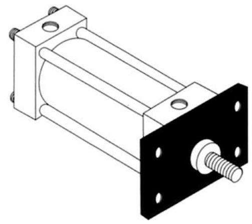
Head Rectangular Flange (MF1)



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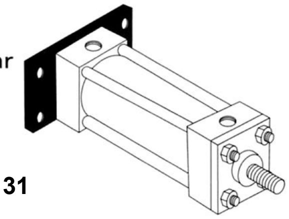
Cap Rectangular Flange (MF2)



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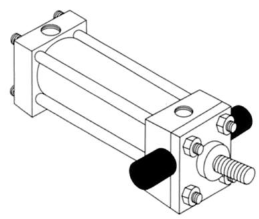
Head Trunnion (MT1)



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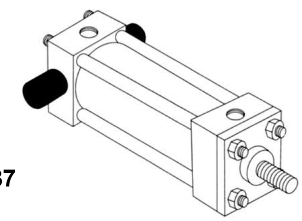
Cap Trunnion (MT2)



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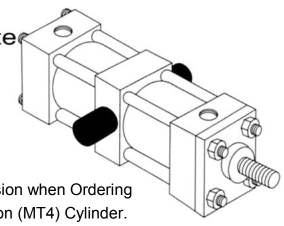
Intermediate Trunnion (MT4)



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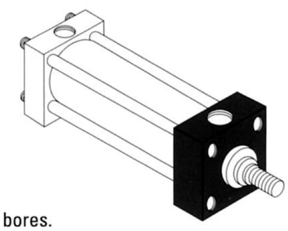
* Note: Specify XI dimension when Ordering An Intermediate Trunnion (MT4) Cylinder.

Head Square Block (ME3)



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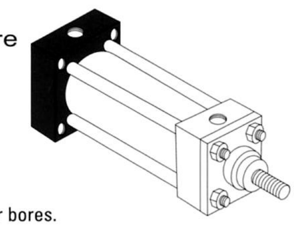
For 8" and bigger bores.

Cap Square Block (ME4)



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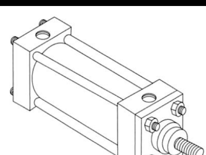
For 8" and bigger bores.

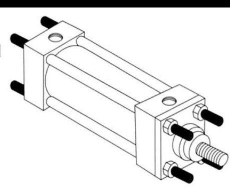
Mounting Styles - Available but not Cataloged

No Mount

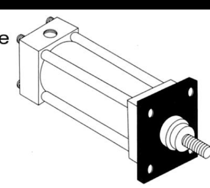


Adaptable for front or rear flush mounts.

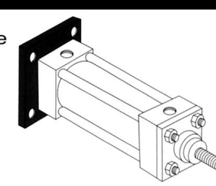
Tie Rod Extended (MX1) (MX2) (MX3)



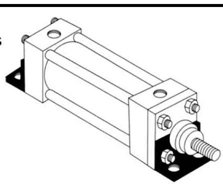
Head Square Flange (MF5)



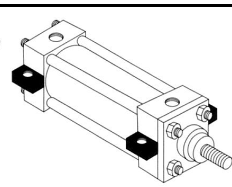
Cap Square Flange (MF6)



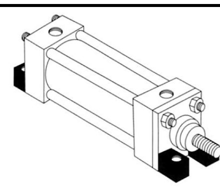
End Angles (MS1)



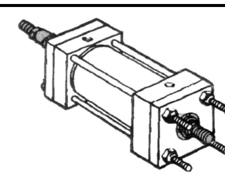
Centerline Lugs (MS3)



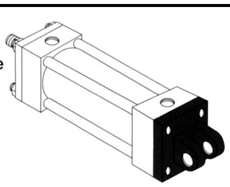
End Lugs (MS7)



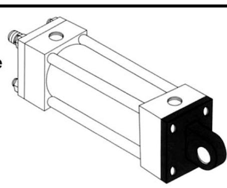
Double Rod Mount MD**



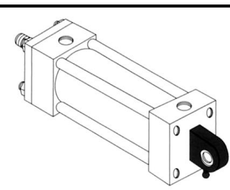
Cap Detachable Clevis (MP2)



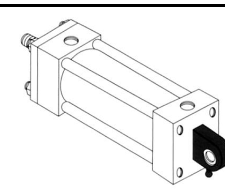
Cap Detachable Eye (MP4)



Cap-Fixed Spherical Eye (MP5)



Fixed Universal Eye (MPU3)



MMAC-100 Ordering Information

PENINSULAR CYLINDER CO.

1 **Specify Chrysler Cylinder Series Code "MMAC"**

2 **Specify Chrysler Cylinder Model Number :**

MODEL NUMBER		MOUNT DESCRIPTION
100	=	Side Lug Mount (MS2)
110	=	Cap Rectangular Flange (MF2)
120	=	Head Rectangular Flange (MF1)
130	=	Pivot Mount (MP3)
140	=	Center Trunnion (MT4)

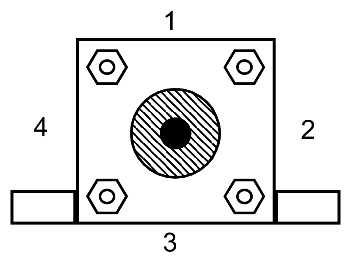
Note: Consult Factory if the Cylinder needs to be Proximity Switch Ready

3 **Optional Feature. Specify "E" to Designate Rod Extension & Rod Boot**
Note: Omit from Part Number if not needed.

4 **Specify Cushion Location :**

- B = Cushion on Blind End Only
- R = Cushion on Rod End Only
- BR = Cushion on Both Blind & Rod Ends
- NC = No Cushions

Cushion Adjustment may be at Positions 1, 2, 3, or 4.
Ports are standard at Position 2 & 3.



5 **Specify Cylinder Bore:** & **6** **Specify Cylinder Stroke (rounded to nearest 2 decimals) :**

7 **Specify Cylinder Rod End Style :**

- 1 = Male Thread (Standard Chrysler)
- 2 = Female Threads

8 **Specify all Port Locations (Chrysler Ports are Standard at Positions 2 & 3. NPTF Ports are Standard. Ports may be located at Positions 1, 2, 3, or 4.)**

Example: MMAC - 140 E - BR - 3.25 x 8.00 - 1 - 1

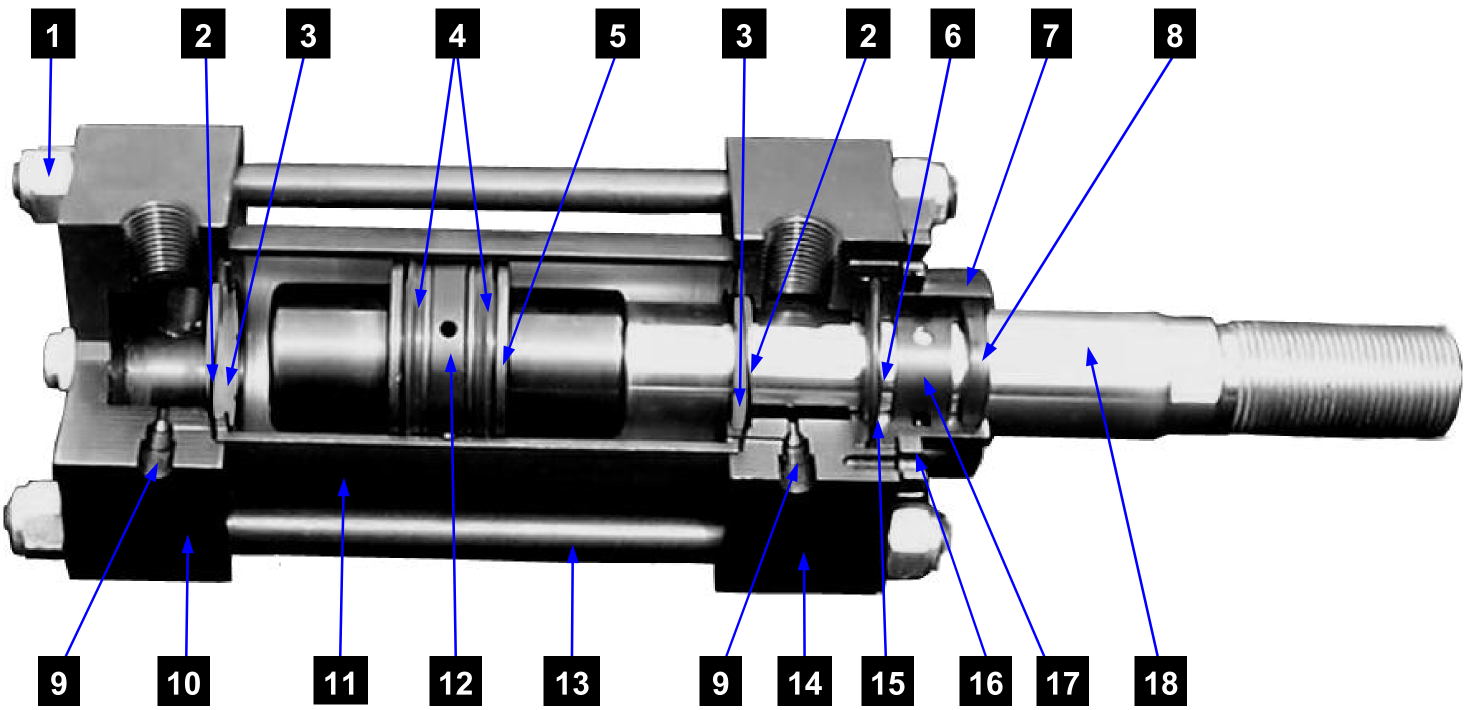
(1) MMAC, (2) 140, (3) E, (4) BR, (5) 3.25, (6) 8.00, (7) 1, (8) 1

- 1 → PORTS AT POSITION # 1 - BOTH ENDS
- 1 → MALE ROD THREAD - CHRYSLER STANDARD
- 8.00 → STROKE IN INCHES = 8.00"
- 3.25 → BORE SIZE = 3 ¼"
- BR → CUSHIONED BOTH CAP & HEAD ENDS
- E → ROD EXTENSION & ROD BOOT
- 140 → CYLINDER MOUNTING STYLE (CENTER TRUNNION)
- MMAC → CHRYSLER DESIGNATION = MMAC

MMAC-100 Cylinder Parts List

PENINSULAR CYLINDER CO.

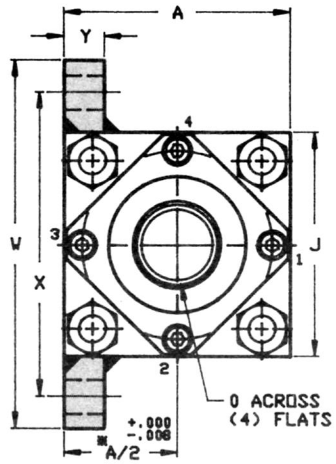
Pre-Lubricated (250 PSIG Rated)

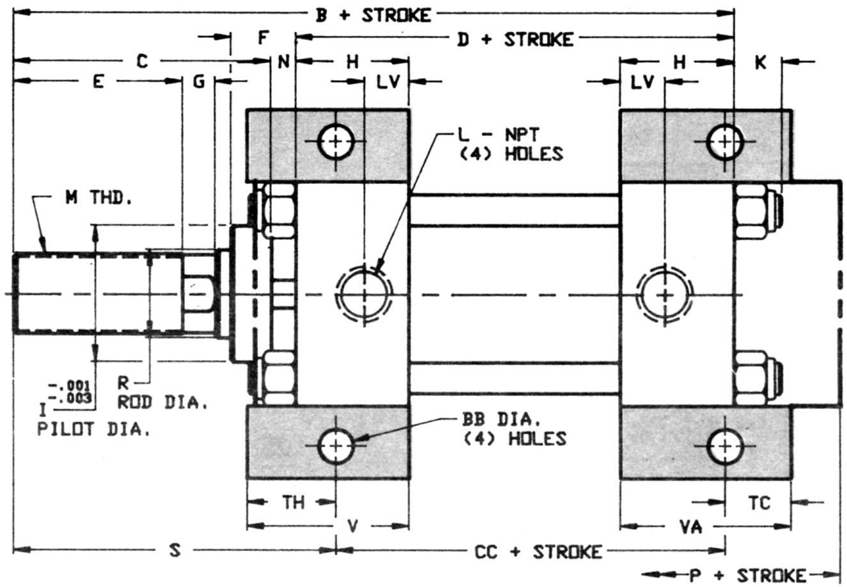


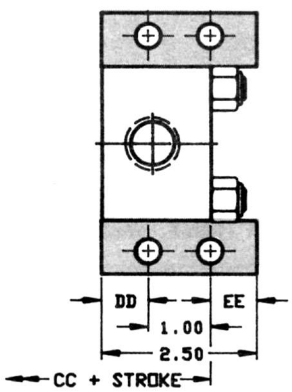
1. Tie Rod Nut
2. Tube O-Ring
3. Cushion Seal
4. Piston U-Cups
5. Piston
6. Rod Seal
7. Rod Cartridge
8. Rod Wiper
9. Cushion Adjustment
10. Cap End
11. Cylinder Tube
12. Piston Wear Band
13. Tie Rod
14. Head
15. Rod Cartridge O-Ring
16. Rod Cartridge Retainer Plate
17. Rod Wear Band
18. Piston Rod

MMAC-100 Side Lug Mount (MS2)

PENINSULAR CYLINDER CO.







USE THESE DIMENSIONS FOR 1 1/2 AND 2 INCH BORE, BLIND END ONLY

CYL. BORE	DD	EE
1 1/2	.75	.75
2	.88	.63

IMPORTANT

PHANTOM ---- LINES SHOWN (P) REPRESENT THE REQUIRED CHRYSLER STANDARD CYLINDER ENVELOPE. THE CYLINDER DRAWING ITSELF REPRESENTS ACTUAL CYLINDER.

STANDARD PORT LOCATION IS AT POSITION 2 AND 3 BOTH ENDS (STD. CHRYSLER POS.)

* FOR 5" BORE DIM. A = 5.75, A/2 = 3.00
FOR 6" BORE DIM. A = 6.75, A/2 = 3.50

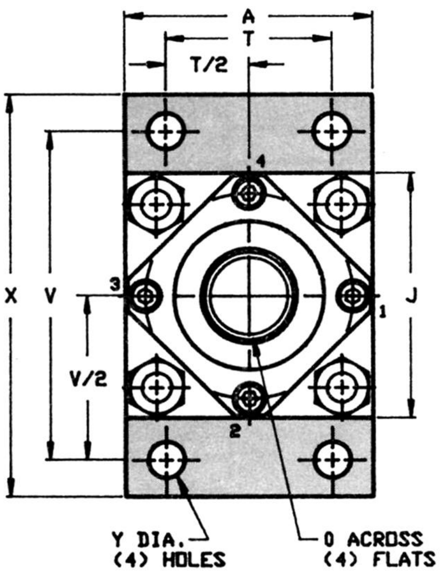
ENVELOPE AND MOUNTING DIMENSIONS

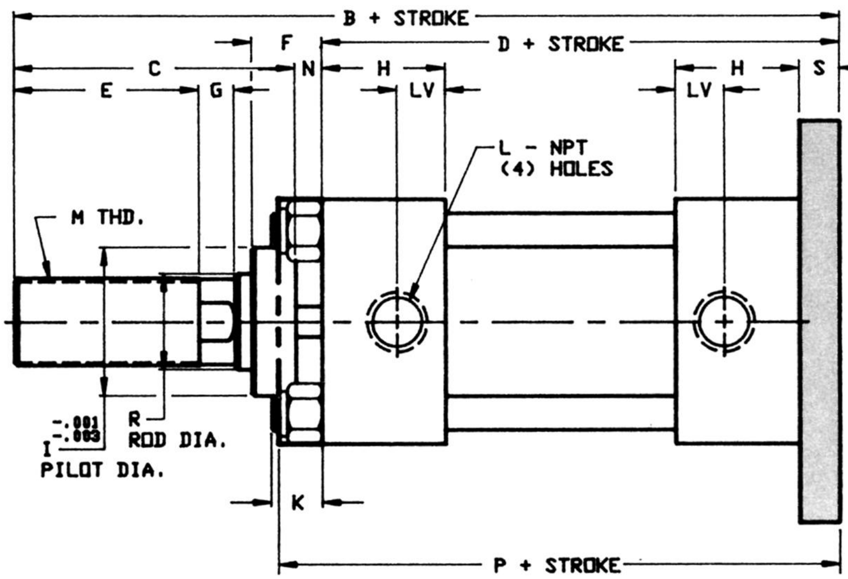
CYL. BORE	A	B	C	D	E	F	G	H	I	J	K	L	LV	M
1 1/2	2.50	7.94	2.94	4.63	1.63	.94	.50	1.75	1.375	2.50	.56	1/2	.69	3/4-10
2	3.00	8.63	3.63	4.63	2.13	.94	.50	1.75	1.750	3.00	.63	1/2	.69	1-8
2 1/2	3.50	9.13	4.13	4.75	2.63	1.00	.50	1.75	2.125	3.50	.75	1/2	.69	1 1/4-12
3 1/4	4.50	10.19	4.69	5.25	2.63	1.00	.50	2.00	2.125	4.50	.88	1/2	.69	1 1/4-12
4	5.00	10.75	5.25	5.25	3.13	.88	.75	2.00	2.500	5.00	.88	3/4	.75	1 1/2-12
4 1/2	5.50	10.75	5.50	5.00	3.13	.88	.75	1.88	2.500	5.50	.88	3/4	.75	1 1/2-12
5	*	12.50	6.75	5.25	4.13	1.00	1.00	1.88	3.000	5.50	.81	3/4	.88	2-12
6	*	13.00	7.00	5.50	4.13	1.00	1.00	2.00	3.000	6.50	.81	3/4	.88	2-12
8	9.50	18.06	8.88	7.63	5.63	1.00	1.00	3.00	4.000	9.50	1.31	1	1.13	2 3/4-12

CYL. BORE	N	O	P	R	S	TC	TH	V	VA	W	X	Y	BB	CC
1 1/2	.38	.75	8.94	.875	3.69	.75	.75	2.13	2.50	4.25	3.50	.50	.41	4.25
2	.38	1.00	9.75	1.125	4.25	.63	.63	2.13	2.50	4.75	4.00	.50	.41	4.50
2 1/2	.25	1.25	10.75	1.375	5.00	.75	1.38	2.50	2.50	5.75	4.75	.63	.53	4.75
3 1/4	.25	1.25	11.25	1.375	5.00	.69	.56	2.50	2.50	6.50	5.50	.88	.53	5.00
4	.25	1.50	12.00	1.625	5.75	.75	1.00	2.75	2.75	7.50	6.25	.88	.65	5.00
4 1/2	.25	1.50	12.00	1.625	5.75	.88	.88	2.75	2.75	8.25	7.00	.88	.65	5.00
5	.50	2.00	14.75	2.125	7.25	.63	.63	2.50	3.25	9.00	7.50	1.13	.78	6.00
6	.50	2.00	14.75	2.125	7.25	.75	.75	3.00	3.00	10.00	8.50	1.13	.78	6.00
8	.50	2.75	19.88	3.000	10.88	1.25	1.50	3.00	4.88	13.25	11.25	1.13	1.03	6.75

MMAC-110 Cap Rectangular Flange (MF2)

PENINSULAR CYLINDER CO.





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STANDARD PORT LOCATION IS AT POSITION 2 AND 3 BOTH ENDS (STD. CHRYSLER POS.)

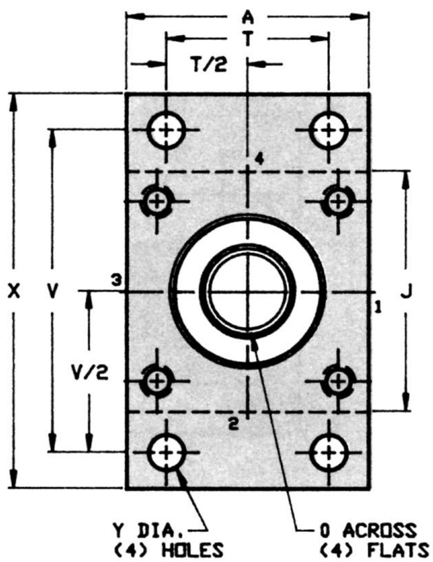
ENVELOPE AND MOUNTING DIMENSIONS

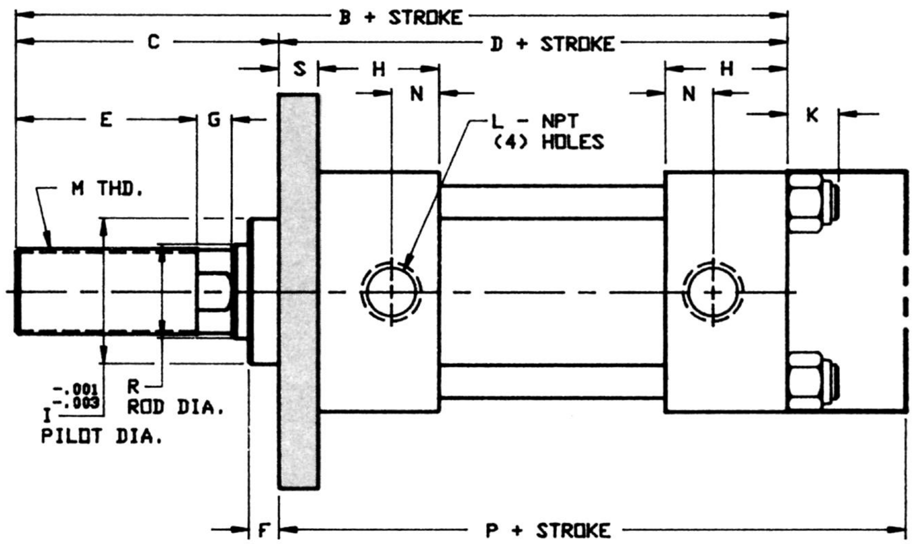
CYL. BORE	A	B	C	D	E	F	G	H	I	J	K	L	LV	M
1 1/2	2.50	8.94	3.44	5.13	1.63	.94	.50	1.75	1.375	2.50	.56	1/2	.69	3/4-10
2	3.00	9.75	4.25	5.13	2.13	.94	.50	1.75	1.750	3.00	.63	1/2	.69	1-8
2 1/2	3.50	10.75	5.13	5.38	2.63	1.00	.50	1.75	2.125	3.50	.75	1/2	.69	1 1/4-12
3 1/4	4.50	11.25	5.13	5.88	2.63	1.00	.50	2.00	2.125	4.50	.88	1/2	.69	1 1/4-12
4	5.00	12.00	5.88	5.88	3.13	.88	.75	2.00	2.500	5.00	.88	3/4	.75	1 1/2-12
4 1/2	5.50	12.00	6.13	5.63	3.13	.88	.75	1.88	2.500	5.50	.88	3/4	.75	1 1/2-12
5	6.00	14.75	8.25	6.00	4.13	1.00	1.00	1.88	3.000	5.50	.81	3/4	.88	2-12
6	7.00	14.75	8.00	6.25	4.13	1.00	1.00	2.00	3.000	6.50	.81	3/4	.88	2-12
8	9.50	19.88	10.75	8.63	5.63	1.00	1.00	3.00	4.000	9.50	1.31	1	1.13	2 3/4-12

CYL. BORE	N	O	P	R	S	T	V	X	Y
1 1/2	.38	.75	6.25	.875	.50	1.50	3.50	4.25	.406
2	.38	1.00	6.50	1.125	.50	2.00	4.00	4.75	.406
2 1/2	.25	1.25	7.00	1.375	.63	2.50	4.75	5.75	.531
3 1/4	.25	1.25	7.50	1.375	.63	3.00	5.50	6.50	.531
4	.25	1.50	7.50	1.625	.63	3.50	6.25	7.50	.656
4 1/2	.25	1.50	7.50	1.625	.63	4.00	7.00	8.25	.656
5	.50	2.00	9.00	2.125	.75	4.50	7.50	9.00	.781
6	.50	2.00	9.00	2.125	.75	5.50	8.50	10.00	.781
8	.50	2.75	12.50	3.000	1.00	7.00	11.25	13.25	1.031

MMAC-120 Head Rectangular Flange (MF1)

PENINSULAR CYLINDER CO.





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STANDARD PORT LOCATION IS AT POSITION 2 AND 3 BOTH ENDS (STD. CHRYSLER POS.)

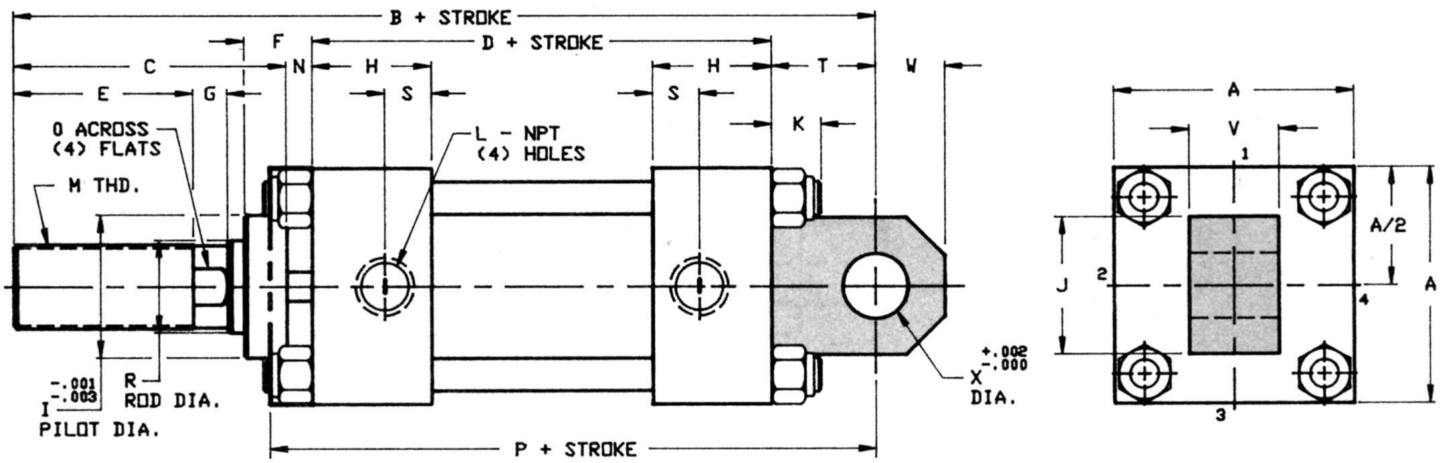
ENVELOPE AND MOUNTING DIMENSIONS

CYL. BORE	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1 1/2	2.50	7.81	2.69	5.13	1.63	.44	.50	1.75	1.375	2.50	.56	1/2	3/4-10	.69
2	3.00	8.38	3.25	5.13	2.13	.44	.50	1.75	1.750	3.00	.63	1/2	1-8	.69
2 1/2	3.50	9.13	3.75	5.38	2.63	.38	.50	1.75	2.125	3.50	.75	1/2	1 1/4-12	.69
3 1/4	4.50	9.63	3.75	5.88	2.63	.38	.50	2.00	2.125	4.50	.88	1/2	1 1/4-12	.69
4	5.00	10.38	4.50	5.88	3.13	.25	.75	2.00	2.500	5.00	.88	3/4	1 1/2-12	.75
4 1/2	5.50	10.13	4.50	5.63	3.13	.25	.75	1.88	2.500	5.50	.88	3/4	1 1/2-12	.75
5	6.00	11.75	5.75	6.00	4.13	.25	1.00	1.88	3.000	5.50	.81	3/4	2-12	.88
6	7.00	12.00	5.75	6.25	4.13	.25	1.00	2.00	3.000	6.50	.81	3/4	2-12	.88
8	9.50	16.00	7.38	8.63	5.63	0.00	1.00	3.00	4.000	9.50	1.31	1	2 3/4-12	1.13

CYL. BORE	O	P	R	S	T	V	X	Y
1 1/2	.75	6.25	.875	.50	1.50	3.50	4.25	.406
2	1.00	6.50	1.125	.50	2.00	4.00	4.75	.406
2 1/2	1.25	7.00	1.375	.63	2.50	4.75	5.75	.531
3 1/4	1.25	7.50	1.375	.63	3.00	5.50	6.50	.531
4	1.50	7.50	1.625	.63	3.50	6.25	7.50	.656
4 1/2	1.50	7.50	1.625	.63	4.00	7.00	8.25	.656
5	2.00	9.00	2.125	.75	4.50	7.50	9.00	.781
6	2.00	9.00	2.125	.75	5.50	8.50	10.00	.781
8	2.75	12.50	3.000	1.00	7.00	11.25	13.25	1.031

MMAC-130 Pivot Mount (MP3)

PENINSULAR CYLINDER CO.



IMPORTANT

PHANTOM ---- LINES SHOWN (P) REPRESENT THE REQUIRED CHRYSLER STANDARD CYLINDER ENVELOPE. THE CYLINDER DRAWING ITSELF REPRESENTS ACTUAL CYLINDER.

STANDARD PORT LOCATION IS AT POSITION 2 AND 3 BOTH ENDS (STD. CHRYSLER POS.)

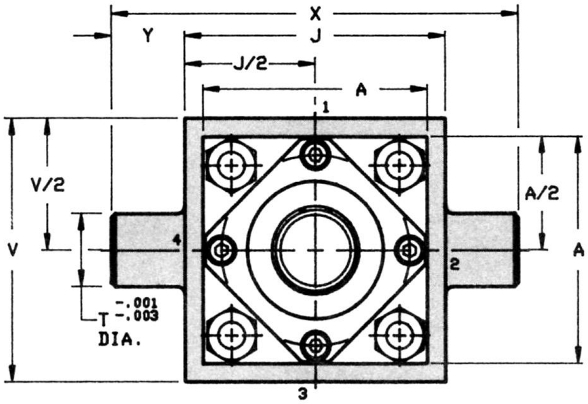
ENVELOPE AND MOUNTING DIMENSIONS

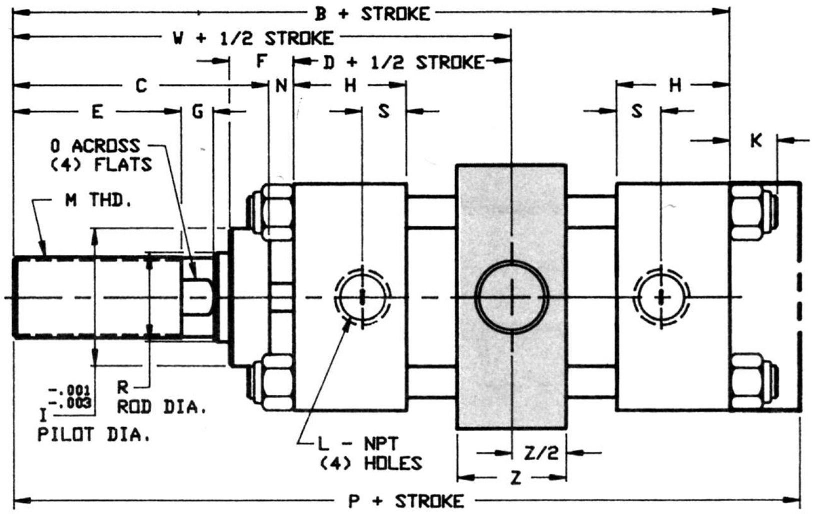
CYL. BORE	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1 1/2	2.50	9.81	3.56	4.63	1.63	.94	.50	1.75	1.375	1.50	.56	1/2	3/4-10	.38
2	3.00	10.63	4.38	4.63	2.13	.94	.50	1.75	1.750	1.50	.63	1/2	1-8	.38
2 1/2	3.50	11.63	5.25	4.75	2.63	1.00	.50	1.75	2.125	1.75	.75	1/2	1 1/4-12	.25
3 1/4	4.50	12.13	5.13	5.25	2.63	1.00	.50	2.00	2.125	1.75	.88	1/2	1 1/4-12	.25
4	5.00	13.25	5.88	5.25	3.13	.88	.75	2.00	2.500	2.25	.88	3/4	1 1/2-12	.25
4 1/2	5.50	13.25	6.13	5.00	3.13	.88	.75	1.88	2.500	2.25	.88	3/4	1 1/2-12	.25
5	5.50	16.25	8.25	5.25	4.13	1.00	1.00	1.88	3.000	3.00	.81	3/4	2-12	.50
6	6.50	16.25	8.00	5.50	4.13	1.00	1.00	2.00	3.000	3.00	.81	3/4	2-12	.50
8	9.50	21.88	10.75	7.63	5.63	1.00	1.00	3.00	4.000	4.00	1.31	1	2 3/4-12	.50

CYL. BORE	O	P	R	S	T	V	W	X
1 1/2	.75	7.13	.875	.69	1.25	1.00	.75	.625
2	1.00	7.38	1.125	.69	1.25	1.00	.75	.625
2 1/2	1.25	7.88	1.375	.69	1.38	1.50	.88	.750
3 1/4	1.25	8.38	1.375	.69	1.50	1.50	.88	.750
4	1.50	8.75	1.625	.75	1.88	2.00	1.13	1.000
4 1/2	1.50	8.75	1.625	.75	1.88	2.00	1.13	1.000
5	2.00	10.50	2.125	.88	2.25	2.50	1.50	1.500
6	2.00	10.50	2.125	.88	2.25	2.50	1.50	1.500
8	2.75	14.50	3.000	1.13	3.00	3.00	2.00	2.000

MMAC-140 - Center Trunnion (MT4)

PENINSULAR CYLINDER CO.





IMPORTANT

PHANTOM ---- LINES SHOWN (P) REPRESENT THE REQUIRED CHRYSLER STANDARD CYLINDER ENVELOPE. THE CYLINDER DRAWING ITSELF REPRESENTS ACTUAL CYLINDER.

STANDARD PORT LOCATION IS AT POSITION 2 AND 3 BOTH ENDS (STD. CHRYSLER POS.)

* MINIMUM STROKE REQUIREMENT SEE TAB.

ENVELOPE AND MOUNTING DIMENSIONS

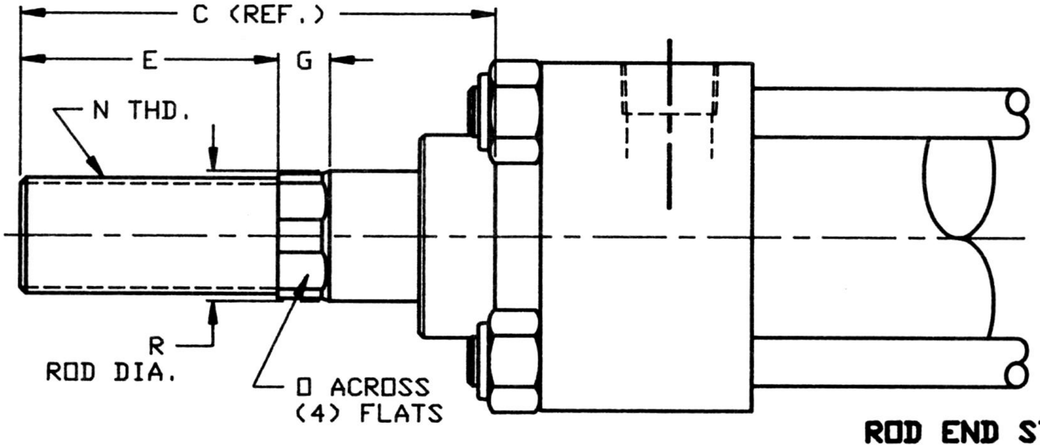
CYL. BORE	A	B	C	*D	E	F	G	H	I	J	K	L	M	N
1 1/2	2.50	8.50	3.50	2.31	1.63	.94	.50	1.75	1.375	2.50	.56	1/2	3/4-10	.38
2	3.00	9.31	4.31	2.31	2.13	.94	.50	1.75	1.750	3.00	.63	1/2	1-8	.38
2 1/2	3.50	10.13	5.13	2.38	2.63	1.00	.50	1.75	2.125	3.50	.75	1/2	1 1/4-12	.25
3 1/4	4.50	10.38	4.88	2.63	2.63	1.00	.50	2.00	2.125	4.50	.88	1/2	1 1/4-12	.25
4	5.00	11.38	5.88	2.63	3.13	.88	.75	2.00	2.500	5.75	.88	3/4	1 1/2-12	.25
4 1/2	5.50	11.38	6.13	2.38	3.13	.88	.75	1.88	2.500	6.25	.88	3/4	1 1/2-12	.25
5	5.50	13.13	7.38	2.63	4.13	1.00	1.00	1.88	3.000	7.25	.81	3/4	2-12	.50
6	6.50	13.25	7.25	2.75	4.13	1.00	1.00	2.00	3.000	8.25	.81	3/4	2-12	.50
8	9.50	18.19	10.06	3.81	5.63	1.00	1.00	3.00	4.000	11.50	1.31	1	2 3/4-12	.50

CYL. BORE	O	P	R	S	T	V	*W	X	Y	Z
1 1/2	.75	8.94	.875	.69	1.000	2.75	6.19	4.50	1.00	1.75
2	1.00	9.75	1.125	.69	1.000	3.25	7.00	5.00	1.00	1.75
2 1/2	1.25	10.75	1.375	.69	1.000	3.75	7.75	5.50	1.00	1.75
3 1/4	1.25	11.25	1.375	.69	1.000	4.50	7.75	6.50	1.00	2.00
4	1.50	12.00	1.625	.75	1.500	5.50	8.75	8.50	1.38	2.13
4 1/2	1.50	12.00	1.625	.75	1.500	6.25	8.75	9.00	1.38	2.50
5	2.00	14.75	2.125	.88	1.500	7.25	10.50	10.00	1.38	2.00
6	2.00	14.75	2.125	.88	1.500	8.25	10.50	11.00	1.38	2.00
8	2.75	19.88	3.000	1.13	2.000	10.50	14.38	15.00	1.75	3.00

CYL. BORE	MIN. STROKE
1 1/2	.63
2	.63
2 1/2	.50
3 1/4	.75
4	.88
4 1/2	1.25
5	.50
6	.50
8	1.38

MMAC-100 Rod Ends

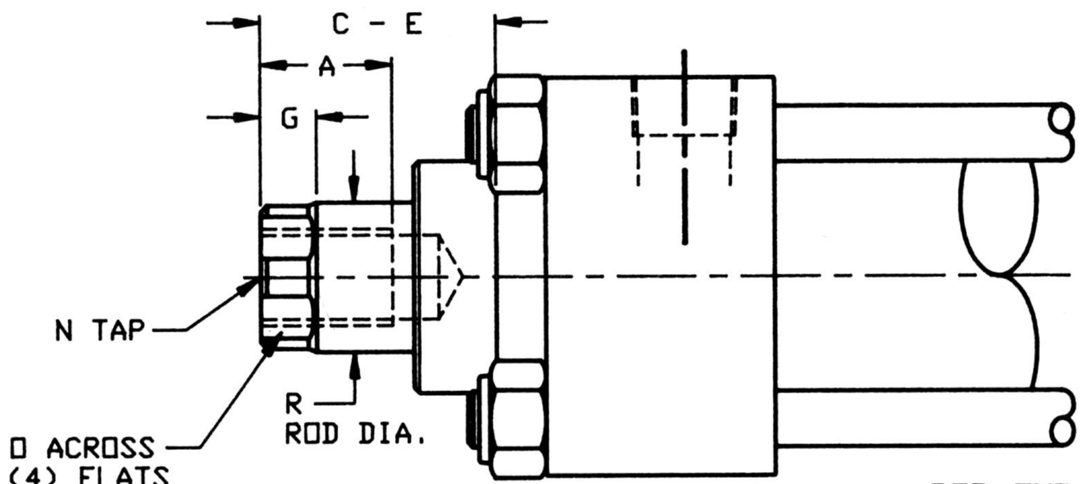
PENINSULAR CYLINDER CO.



STANDARD ROD END
FOR CHRYSLER

ROD END STYLE 1

CYL. BORE	E	G	N	O	R
1 1/2	1.63	.50	3/4-10	.75	.875
2	2.13	.56	1-8	1.00	1.125
2 1/2	2.63	.56	1 1/4-12	1.25	1.375
3 1/4	2.63	.56	1 1/4-12	1.25	1.375
4	3.13	.69	1 1/2-12	1.50	1.625
4 1/2	3.13	.69	1 1/2-12	1.50	1.625
5	4.13	.81	2-12	2.00	2.125
6	4.13	.81	2-12	2.00	2.125
8	5.63	.75	2 3/4-12	2.75	3.000



ROD END STYLE 3

OPTIONAL ROD END
ROD STICK OUT CAN BE FIGURED BY SUBTRACTING STD. MALE THD. (E) FROM DIM. (C) FROM MNTG. DIM'S.

CYL. BORE	A	G	N	O	R
1 1/2	.88	.50	7/16-20	.75	.875
2	1.50	.56	3/4-16	1.00	1.125
2 1/2	2.00	.56	1-14	1.25	1.375
3 1/4	2.00	.56	1-14	1.25	1.375
4	2.50	.69	1 1/4-12	1.50	1.625
4 1/2	2.50	.69	1 1/4-12	1.50	1.625
5	3.00	.81	1 1/2-12	2.00	2.125
6	3.00	.81	1 1/2-12	2.00	2.125
8	4.00	.75	2 1/4-12	2.75	3.000

MMAC-200 (250 PSIG Rated Air Cylinder)
MMHC-200 (1500 PSI Rated Hydraulic Cylinder)
ORDERING INFORMATION

PENINSULAR CYLINDER CO.

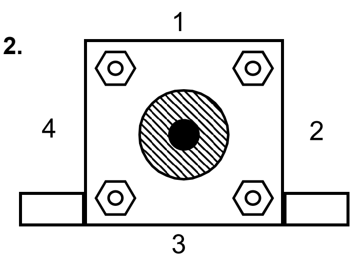
1 & 2 Specify Chrysler Cylinder Designation & Model Number :

CHRYSLER DESIGNATION	MODEL NUMBER	MOUNT DESCRIPTION *(not used in Part Number)*
MMAC-200 / MMHC205	MS2	Side Lug
MMAC-210 / MMHC215	MF2	Cap Rectangular Flange (1½" - 6" Bore)
MMAC-210 / MMHC215	ME4	Cap Square (8" - 14" Bore)
MMAC-220 / MMHC225	MF1	Head Rectangular Flange (1 ½" - 6" Bore)
MMAC-220 / MMHC225	ME3	Head Square (8" - 14" Bore)
MMAC-230 / MMHC235	MP1	Cap Fixed Clevis
MMAC-240 / MMHC245	MT1	Head Trunnion
MMAC-250 / MMHC255	MS4	Side Tapped
MMAC-260 / MMHC265	MT2	Cap Trunnion

3 Specify Cushion Location :

- B = Cushion on Blind End
- R = Cushion on Rod End
- BR = Cushion on Both Blind & Rod Ends
- NC = No Cushions

Cushion Adjustment may be at Positions 1, 2, 3, or 4. Cushions are standard at Position 2.



4 & 5 Specify Cylinder Bore & Stroke :

6 Specify Cylinder Rod Diameter :

7 Specify Cylinder Rod End Style :

- B = Chrysler Standard (4 flats)
- FM = Full Male, Short Thread
- IM = Intermediate Male, Short Thread
- SM = Small Male, Short Thread with Shoulder
- SF = Short Female

8 Specify Port Locations : Note- NPTF Ports are Standard. Port location is standard at Position 1.
Ports may be located at Positions 1, 2, 3, or 4. Chrysler Standard Port Positions at 2 & 3 optional at 1 & 4.

1 2 3 4 5 6 7 8

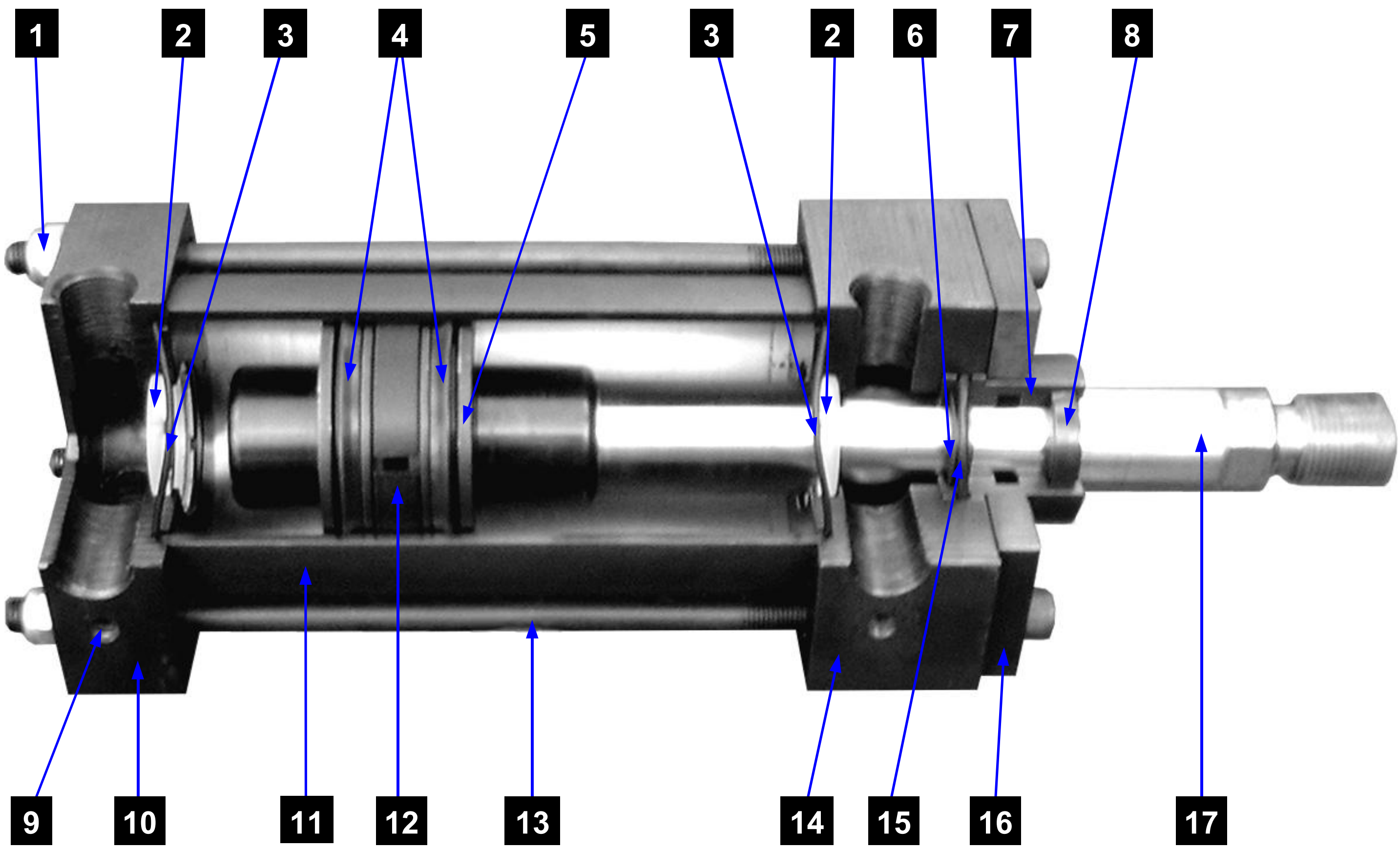
***Example*:** **MMAC-230 - MP1 - BR - 10 x 8.0 - 2.0 SM - 1**

- PORTS AT POSITION # 1 - BOTH ENDS
- SMALL MALE ROD END, SHORT THREAD
- ROD DIAMETER = 2.0"
- STROKE IN INCHES = 8.0"
- BORE SIZE = 10"
- CUSHIONED BOTH CAP & HEAD ENDS
- CYLINDER MOUNTING STYLE - FIXED CLEVIS (MP1)
- CHRYSLER DESIGNATION = MMAC-230

MMAC-200 / MMHC-200 Cylinder Parts List

PENINSULAR CYLINDER CO.

Pictured is the MMAC-200 (250 PSIG Rated Air Cylinder). The MMHC-200 (1500 PSI Rated Hydraulic Cylinder) is dimensionally the same, but uses low pressure hydraulic seals.

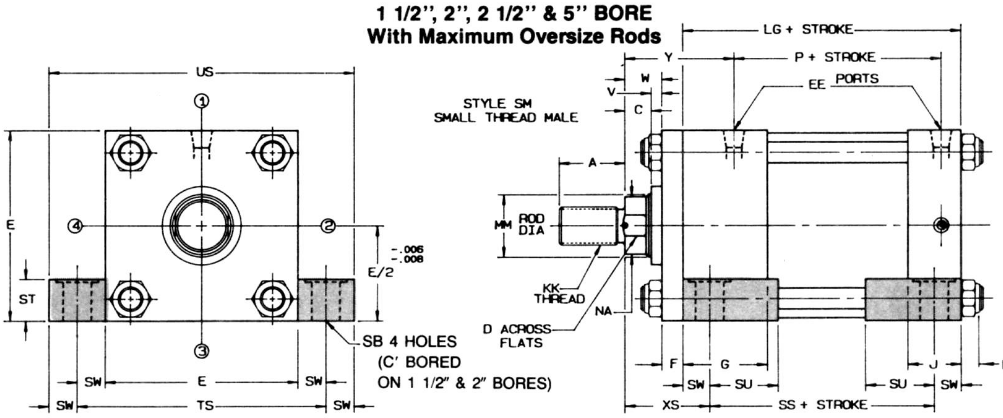


1. Tie Rod Nut
2. Cushion Seal
3. Tube O-Ring
4. Piston U-Cups
5. Piston
6. Rod Seal
7. Rod Cartridge
8. Rod Wiper
9. Cushion Adjustment
10. Cap End
11. Cylinder Tube
12. Piston Wear Band
13. Tie Rod
14. Head
15. Rod Cartridge O-Ring
16. Rod Cartridge Retainer Plate
17. Piston Rod; Specify Rod End Style & Diameter

PENINSULAR CYLINDER CO.

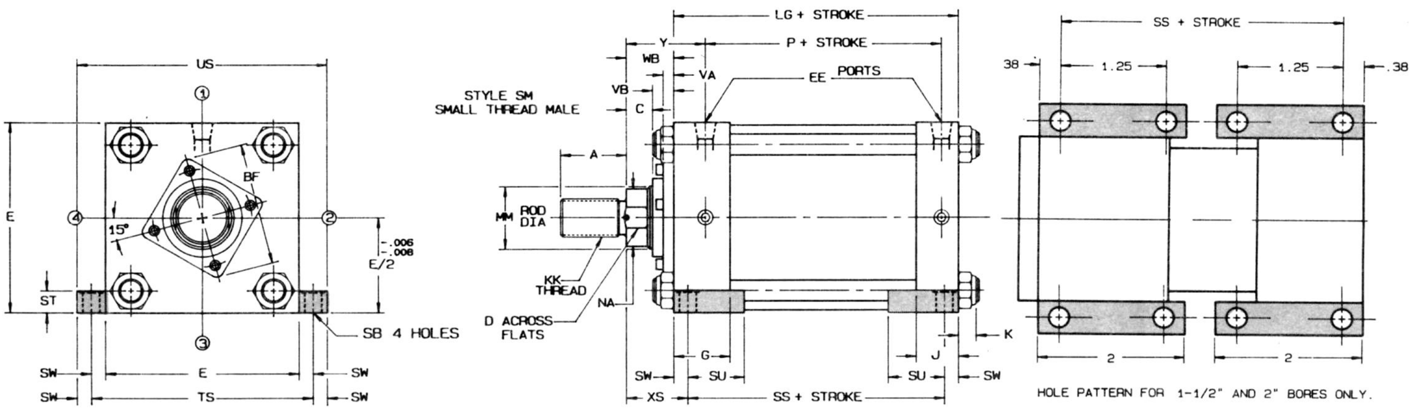
TIE ROD RETAINED CARTRIDGE STYLE

1 1/2", 2", 2 1/2" & 5" BORE
With Maximum Oversize Rods



REMOVABLE CARTRIDGE STYLE

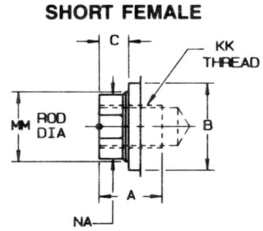
1 1/2" - 14" BORE



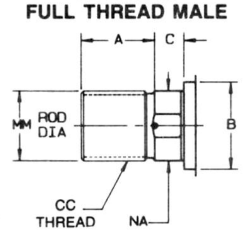
ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

CYL. BORE	E	EE (NPTF)	F	G	J	K	LG	P	SB (HOLE)	SS	ST	SU	SW	TS	US
1 1/2	2	3/8	3/8	1 1/2	1	21/64	3 5/8	2 5/16	7/16	2 7/8	1/2	15/16	3/8	2 3/4	3 1/2
2	2 1/2	3/8	3/8	1 1/2	1	23/64	3 5/8	2 5/16	7/16	2 7/8	1/2	15/16	3/8	3 1/4	4
2 1/2	3	3/8	3/8	1 1/2	1	23/64	3 3/4	2 7/16	7/16	3	1/2	15/16	3/8	3 3/4	4 1/2
3 1/4	3 3/4	1/2	5/8	1 3/4	1 1/4	15/32	4 1/4	2 11/16	9/16	3 1/4	3/4	1 1/4	1/2	4 3/4	5 3/4
4	4 1/2	1/2	5/8	1 3/4	1 1/4	15/32	4 1/4	2 11/16	9/16	3 1/4	3/4	1 1/4	1/2	5 1/2	6 1/2
5	5 1/2	1/2	5/8	1 3/4	1 1/4	39/64	4 1/2	2 15/16	13/16	3 1/8	1	1 9/16	11/16	6 7/8	8 1/4
6	6 1/2	3/4	-	2	1 1/2	39/64	5	3 3/16	13/16	3 5/8	1	1 9/16	11/16	7 7/8	9 1/4
8	8 1/2	3/4	-	2	1 1/2	49/64	5 1/8	3 5/16	13/16	3 3/4	1	1 9/16	11/16	9 7/8	11 1/4
10	10 5/8	1	-	2 1/4	2	57/64	6 3/8	4 3/16	1 1/16	4 5/8	1 1/4	2	7/8	12 3/8	14 1/8
12	12 3/4	1	-	2 1/4	2	57/64	6 7/8	4 11/16	1 1/16	5 1/8	1 1/4	2	7/8	14 1/2	16 1/4
14	14 3/4	1 1/4	-	2 3/4	2 1/4	1	8 1/8	5 5/8	1 5/16	5 7/8	1 1/2	2 1/2	1 1/8	17	19 1/4

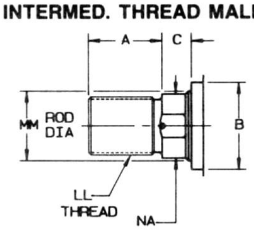
STYLE SF
SHORT FEMALE



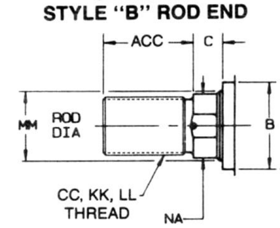
STYLE FM
FULL THREAD MALE



STYLE IM
INTERMED. THREAD MALE



CHRYSLER
STYLE "B" ROD END



Chrysler Dimensions shown high-lighted

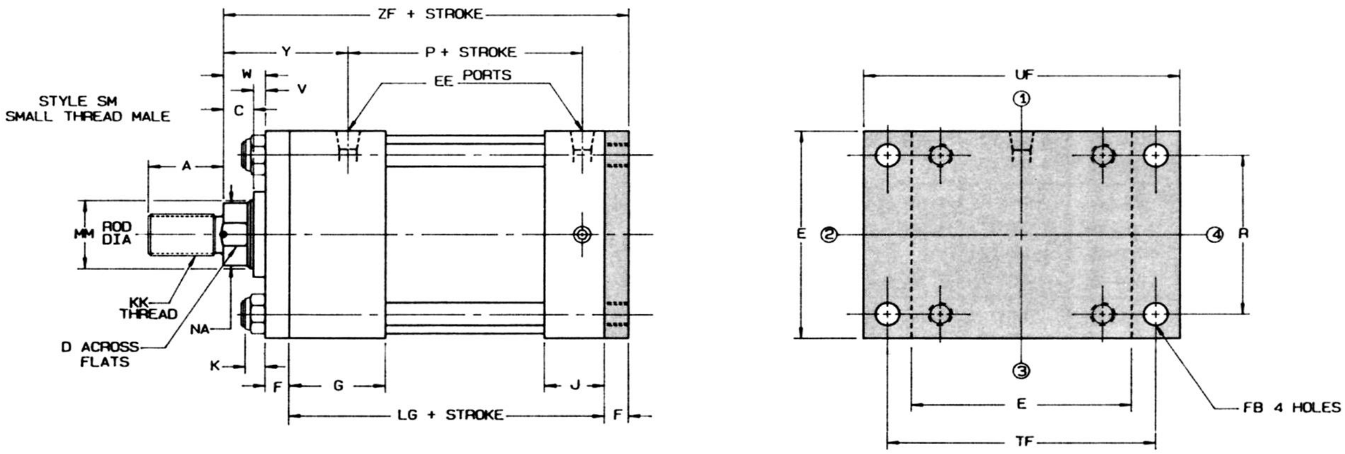
Cyl. Bore	Rod Dia. (mm)	Thread			Rod End Dimensions and Mounting Dimensions affected by Rod Size														
		KK	LL	CC	A	ACC	B +.000 -.002	BF	C	D	NA	V	VA	VB	W	WB	XS	Y	ZB
1 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1-3/8	1.124	1.968	3/8	1/2	.593	-	1/4	5/8	-	1	1 3/8	1 7/8	4 61/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	-	1/2	7/8	.968	1/2	-	-	1	-	1 3/4	2 1/4	5 21/64
2	5/8	7/16-20	1/2-20	5/8-18	3/4	1-3/8	1.124	1.968	3/8	1/2	.593	-	1/4	5/8	-	1	1 3/8	1 7/8	4 63/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	2.468	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	1 3/4	2 1/4	5 23/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	-	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	2	2 1/2	5 39/64
2 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1-3/8	1.124	2.468	3/8	1/2	.593	-	1/4	5/8	-	1	1 3/8	1 7/8	5 7/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	2.468	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	1 3/4	2 1/4	5 31/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	-	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	2	2 1/2	5 47/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	-	3/4	1 1/2	1.703	3/4	-	-	1 1/2	-	2 1/4	2 3/4	5 63/64
3 1/4	1	3/4-16	7/8-14	1-14	1 1/8	1-5/8	1.499	2.968	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	1 7/8	2 3/8	6 3/32
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 1/8	2 5/8	6 11/32
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 3/8	2 7/8	6 19/32
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	2 1/2	3	6 23/32
4	1	3/4-16	7/8-14	1-14	1 1/8	1-5/8	1.499	2.968	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	1 7/8	2 3/8	6 3/32
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 1/8	2 5/8	6 11/32
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 3/8	2 7/8	619/32
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	2 1/2	3	6 23/32
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	2 3/4	3 1/4	6 31/32
5	1	3/4-16	7/8-14	1-14	1 1/8	1-5/8	1.499	2.968	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 1/16	2 3/8	6 31/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 5/16	2 5/8	6 47/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 9/16	2 7/8	6 63/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	2 11/16	3	7 7/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	5.000	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	2 15/16	3 1/4	7 23/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.000	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	2 15/16	3 1/4	7 23/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	-	1	3	3437	5/8	-	-	1 5/8	-	2 15/16	3 1/4	7 23/64
6	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2-1/8	1.999	3.625	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 5/16	2 3/4	7 15/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.625	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 9/16	3	7 31/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	4.312	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	2 11/16	3 1/8	7 39/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	2 15/16	3 3/8	7 55/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.562	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	2 15/16	3 3/8	7 55/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5.562	1	3	3.437	-	3/8	1 1/4	-	2 1/4	2 15/16	3 3/8	7 55/64
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.062	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	2 15/16	3 3/8	7 55/64
8	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	3.625	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 5/16	2 3/4	7 33/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.625	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 9/16	3	7 49/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	4.312	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	2 11/16	3 1/8	7 57/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	2 15/16	3 3/8	8 9/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.562	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	2 15/16	3 3/8	8 9/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5.562	1	3	3.437	-	3/8	1 1/4	-	2 1/4	2 15/16	3 3/8	8 9/64
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.750	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	2 15/16	3 3/8	8 9/64
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	6.750	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	2 15/16	3 3/8	8 9/64
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.750	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	2 15/16	3 3/8	8 9/64
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	2 15/16	3 3/8	8 9/64
10	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	2	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 3/4	3 1/16	9 1/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	2 7/8	3 3/16	9 1/4
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	5.000	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/8	3 7/16	9 1/2
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.000	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 1/8	3 7/16	9 1/2
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	6.062	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 1/8	3 7/16	9 1/2
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.062	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 1/8	3 7/16	9 1/2
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	7.250	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 1/8	3 7/16	9 1/2
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.250	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 1/8	3 7/16	9 1/2
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 1/8	3 7/16	9 1/2
12	2	1 1/2-12	1 3/4-12	2-12	2 1/4	2-1/4	2.624	4.312	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	2 7/8	3 3/16	9 3/4
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/8	3 7/16	10
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.562	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 1/8	3 7/16	10
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5.562	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 1/8	2 7/16	10
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.750	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 1/8	3 7/16	10
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	6.750	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 1/8	3 7/16	10
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.750	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 1/8	3 7/16	10
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 1/8	3 7/16	10
14	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	3	3.124	5.000	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 3/8	3 11/16	11 3/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.000	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 3/8	3 11/16	11 3/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	6.062	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 3/8	3 11/16	11 3/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.062	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 3/8	3 11/16	11 3/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	7.250	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 3/8	3 11/16	11 3/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.250	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 3/8	3 11/16	11 3/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 3/8	3 11/16	11 3/8

MMAC-210 / MMHC-215
Cap Rectangular Flange (MF2)
(1½" - 6" Bore)

PENINSULAR® CYLINDER CO.

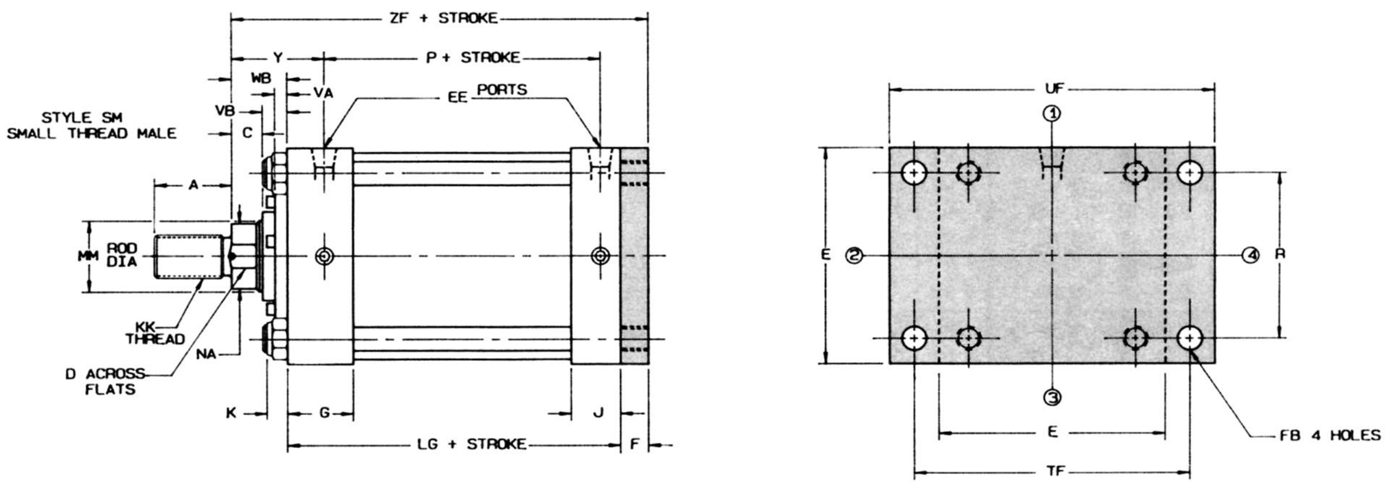
TIE ROD RETAINED CARTRIDGE STYLE

1 1/2", 2", 2 1/2" & 5" BORE
With Maximum Oversize Rods



REMOVABLE CARTRIDGE STYLE

1 1/2" - 6" BORE

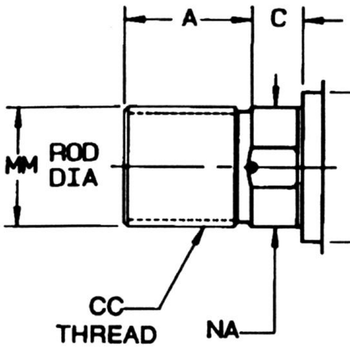


ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

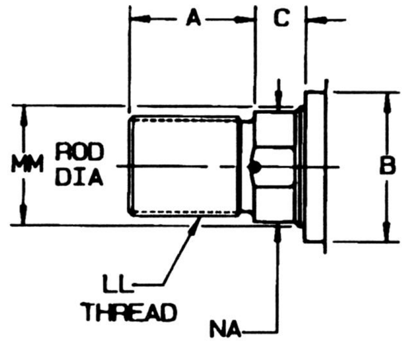
CYL. BORE	E	EE (NPTF)	F	FB (HOLE)	G	J	K	LG	P	R	TF	UF
1 1/2	2	3/8	3/8	5/16	1 1/2	1	21/64	3 5/8	2 5/16	1.43	2 3/4	3 3/8
2	2 1/2	3/8	3/8	3/8	1 1/2	1	23/64	3 5/8	2 5/16	1.84	3 3/8	4 1/8
2 1/2	3	3/8	3/8	3/8	1 1/2	1	23/64	3 3/4	2 7/16	2.19	3 7/8	4 5/8
3 1/4	3 3/4	1/2	5/8	7/16	1 3/4	1 1/4	15/32	4 1/4	2 11/16	2.76	4 11/16	5 1/2
4	4 1/2	1/2	5/8	7/16	1 3/4	1 1/4	15/32	4 1/4	2 11/16	3.32	5 7/16	6 1/4
5	5 1/2	1/2	5/8	9/16	1 3/4	1 1/4	39/64	4 1/2	2 15/16	4.10	6 5/8	7 5/8
6	6 1/2	3/4	3/4	9/16	2	1 1/2	39/64	5	3 3/16	4.88	7 5/8	8 5/8

PENINSULAR CYLINDER CO.

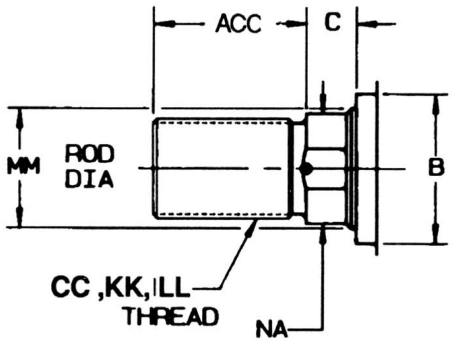
STYLE FM
FULL THREAD MALE



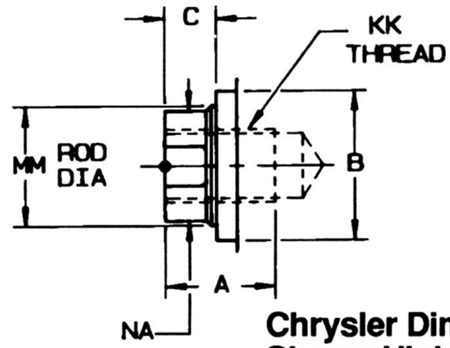
STYLE IM
INTERMED. THREAD MALE



CHRYSLER
STYLE "B" ROD END



STYLE SF
SHORT FEMALE



Chrysler Dimensions Shown Highlighted

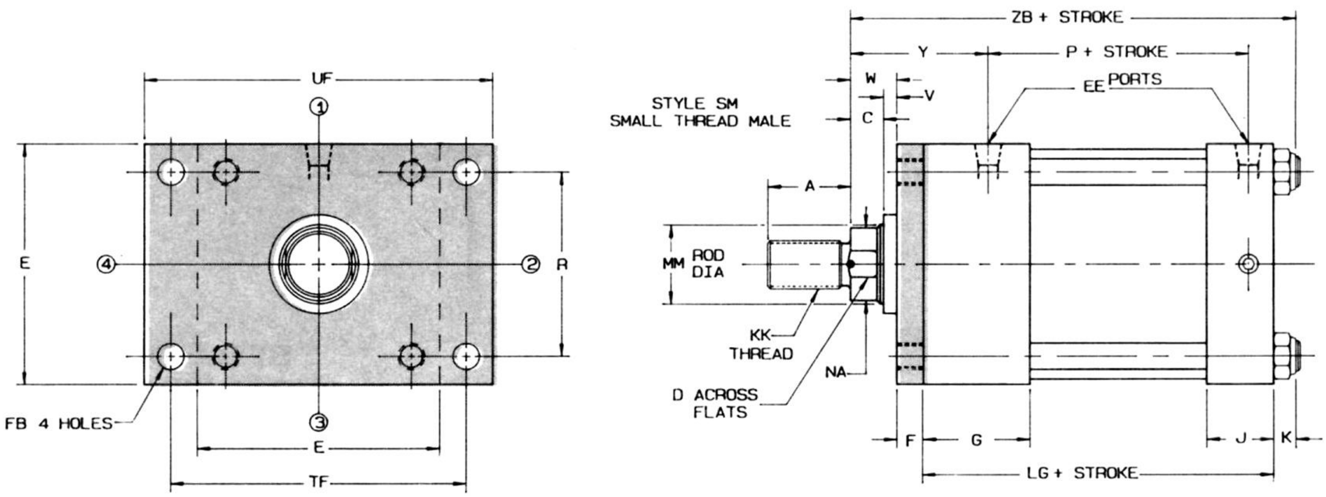
Cyl. Bore	Rod Dia. (mm)	Thread			Rod End Dimensions and Mounting Dimensions affected by Rod Size												
		KK	LL	CC	A	ACC	B +.000 -.002	C	D	NA	V	VA	VB	W	WB	Y	ZF
1 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	3/8	1/2	.593	-	1/4	5/8	-	1	1 7/8	5
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	1/2	-	-	1	-	2 1/4	5 3/8
2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	3/8	1/2	.593	-	1/4	5/8	-	1	1 7/8	5
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 1/4	5 3/8
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	2 1/2	5 5/8
2 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	3/8	1/2	.593	-	1/4	5/8	-	1	1 7/8	5 1/8
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 1/4	5 1/2
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	2 1/2	5 3/4
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	3/4	-	-	1 1/2	-	2 3/4	6
3 1/4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 3/8	6 1/4
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 5/8	6 1/2
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 7/8	6 3/4
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3	6 7/8
4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 3/8	6 1/4
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 5/8	6 1/2
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 7/8	6 3/4
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3	6 7/8
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/4	7 1/8
5	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 3/8	6 1/2
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 5/8	6 3/4
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 7/8	7
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3	7 1/8
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/4	7 3/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 1/4	7 3/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	5/8	-	-	1 5/8	-	3 1/4	7 3/8
6	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/8	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 3/4	7 3/8
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	3	7 5/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 1/8	7 3/4
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 3/8	8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 3/8	8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 3/8	8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 3/8	8

MMAC-220 / MMHC-225
Head Rectangular Flange (MF1)
(1½" - 6" Bore)

PENINSULAR CYLINDER CO.

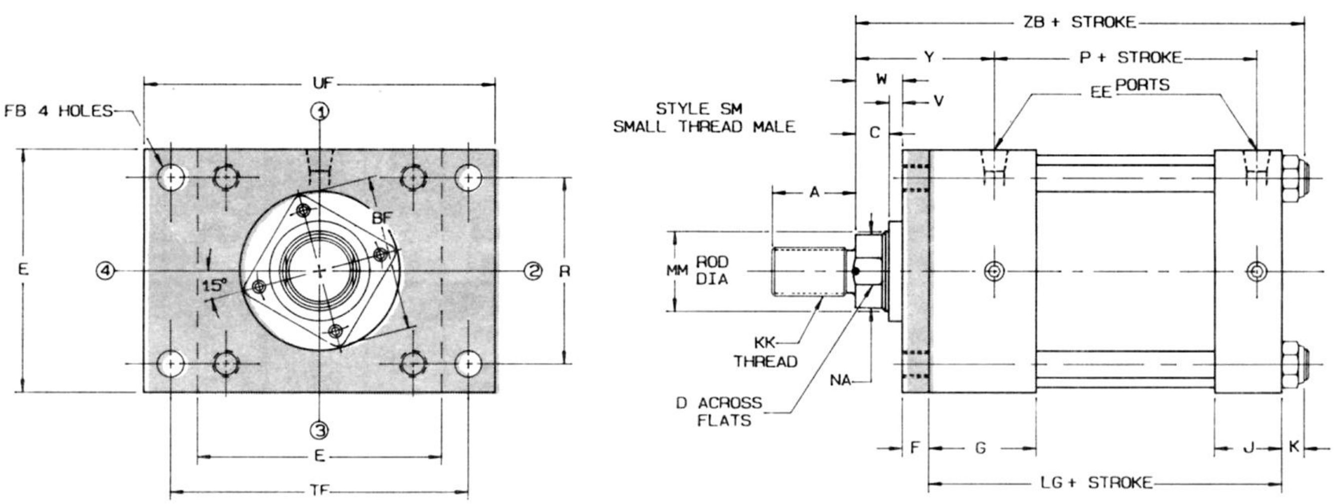
TIE ROD RETAINED CARTRIDGE STYLE

1 1/2" - 6" BORE



REMOVABLE CARTRIDGE STYLE

2" - 6" BORE

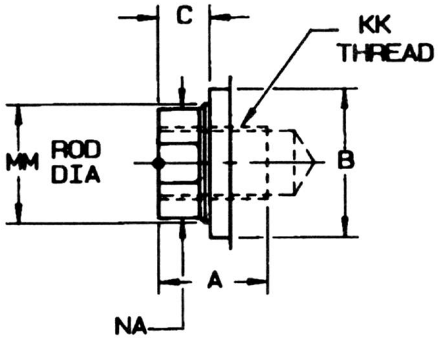


ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

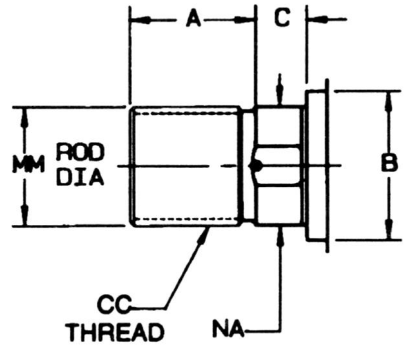
CYL. BORE	E	EE (NPTF)	F	FB (HOLE)	G	J	K	LG	P	R	TF	UF
1 1/2	2	3/8	3/8	5/16	1 1/2	1	21/64	3 5/8	2 5/16	1.43	2 3/4	3 3/8
2	2 1/2	3/8	3/8	3/8	1 1/2	1	23/64	3 5/8	2 5/16	1.84	3 3/8	4 1/8
2 1/2	3	3/8	3/8	3/8	1 1/2	1	23/64	3 3/4	2 7/16	2.19	3 7/8	4 5/8
3 1/4	3 3/4	1/2	5/8	7/16	1 3/4	1 1/4	15/32	4 1/4	2 11/16	2.76	4 11/16	5 1/2
4	4 1/2	1/2	5/8	7/16	1 3/4	1 1/4	15/32	4 1/4	2 11/16	3.32	5 7/16	6 1/4
5	5 1/2	1/2	5/8	9/16	1 3/4	1 1/4	39/64	4 1/2	2 15/16	4.10	6 5/8	7 5/8
6	6 1/2	3/4	3/4	9/16	2	1 1/2	39/64	5	3 3/16	4.88	7 5/8	8 5/8

PENINSULAR CYLINDER CO.

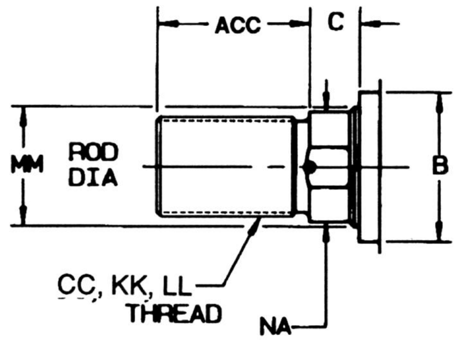
STYLE SF
SHORT FEMALE



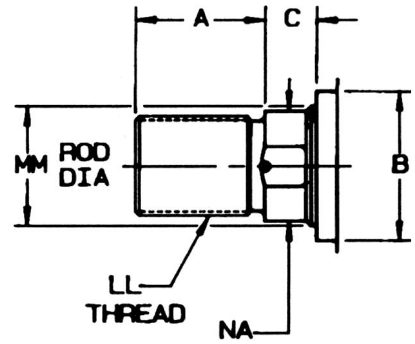
STYLE FM
FULL THREAD MALE



CHRYSLER
STYLE "B" ROD END



STYLE IM
INTERMED. THREAD MALE



CHRYSLER DIMENSIONS SHOWN HIGH-LIGHTED

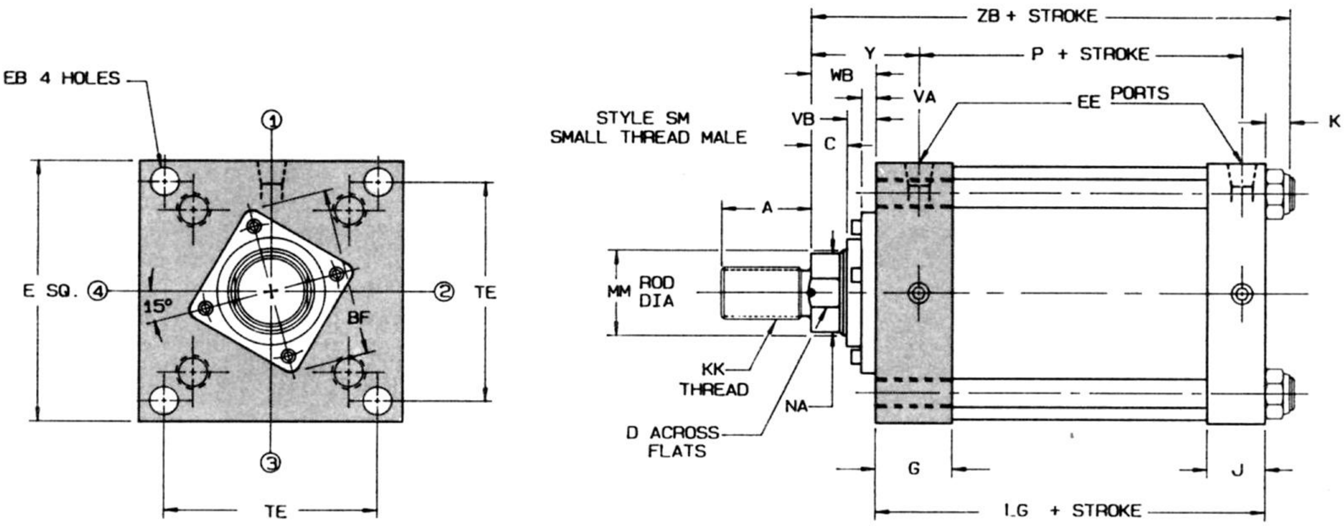
Cyl. Bore	Rod Dia. (mm)	Thread			Rod End Dimensions and Mounting Dimensions affected by Rod Size										
		KK	LL	CC	A	ACC	B $^{+.000}_{-.002}$	BF	C	D	NA	V	W	Y	ZB
1 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 1/8	1.124	-	3/8	1/2	.593	1/4	5/8	1 7/8	4 61/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	-	1/2	7/8	.968	1/2	1	2 1/4	5 21/64
2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	1.968	3/8	1/2	.593	1/4	5/8	1 7/8	4 63/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	-	1/2	7/8	.968	1/2	1	2 1/4	5 23/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	-	5/8	1 1/8	1.343	5/8	1 1/4	2 1/2	5 39/64
2 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	2.468	3/8	1/2	.593	1/4	5/8	1 7/8	5 7/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	2.468	1/2	7/8	.968	1/2	1	2 1/4	5 31/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	-	5/8	1 1/8	1.343	5/8	1 1/4	2 1/2	5 47/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	-	3/4	1 1/2	1.703	3/4	1 1/2	2 3/4	5 63/64
3 1/4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	2.968	1/2	7/8	.968	1/4	3/4	2 3/8	6 3/32
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	3/8	1	2 5/8	6 11/32
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	-	3/4	1 1/2	1.703	1/2	1 1/4	2 7/8	6 19/32
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	-	7/8	1 11/16	1.953	1/2	1 3/8	3	6 23/32
4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	2.968	1/2	7/8	.968	1/4	3/4	2 3/8	6 3/32
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	3/8	1	2 5/8	6 11/32
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.735	3/4	1 1/2	1.703	1/2	1 1/4	2 7/8	6 19/32
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	1/2	1 3/8	3	6 23/32
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	-	1	2 1/16	2.453	5/8	1 5/8	3 1/4	6 31/32
5	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	2.968	1/2	7/8	.968	1/4	3/4	2 3/8	6 31/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	3/8	1	2 5/8	6 47/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.735	3/4	1 1/2	1.703	1/2	1 1/4	2 7/8	6 63/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	1/2	1 3/8	3	7 7/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	-	1	2 1/16	2.453	5/8	1 5/8	3 1/4	7 23/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	-	1	2 5/8	2.937	5/8	1 5/8	3 1/4	7 23/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	-	1	3	3.437	5/8	1 5/8	3 1/4	7 23/64
6	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/8	1.999	3.625	5/8	1 1/8	1.343	1/4	7/8	2 3/4	7 15/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.625	3/4	1 1/2	1.703	3/8	1 1/8	3	7 31/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	4.312	7/8	1 11/16	1.953	3/8	1 1/4	3 1/8	7 39/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	1/2	1 1/2	3 3/8	7 55/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	-	1	2 5/8	2.937	1/2	1 1/2	3 3/8	7 55/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	-	1	3	3.437	1/2	1 1/2	3 3/8	7 55/64
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	-	1	3 3/8	3.937	1/2	1 1/2	3 3/8	7 55/64

MMAC-220 / MMHC-225
Head Square (8" - 14" Bore) (ME3)

PENINSULAR CYLINDER CO.

REMOVABLE CARTRIDGE STYLE

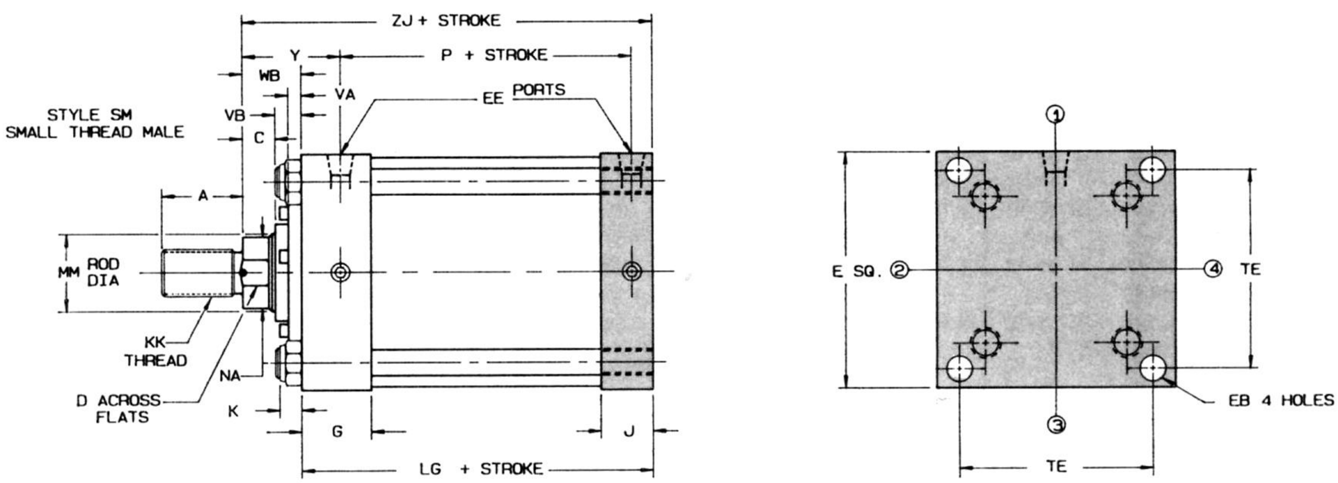
8'' - 14'' BORE



MMAC-210 / MMHC-215
Cap Square (8" - 14" Bore) (ME4)

REMOVABLE CARTRIDGE STYLE

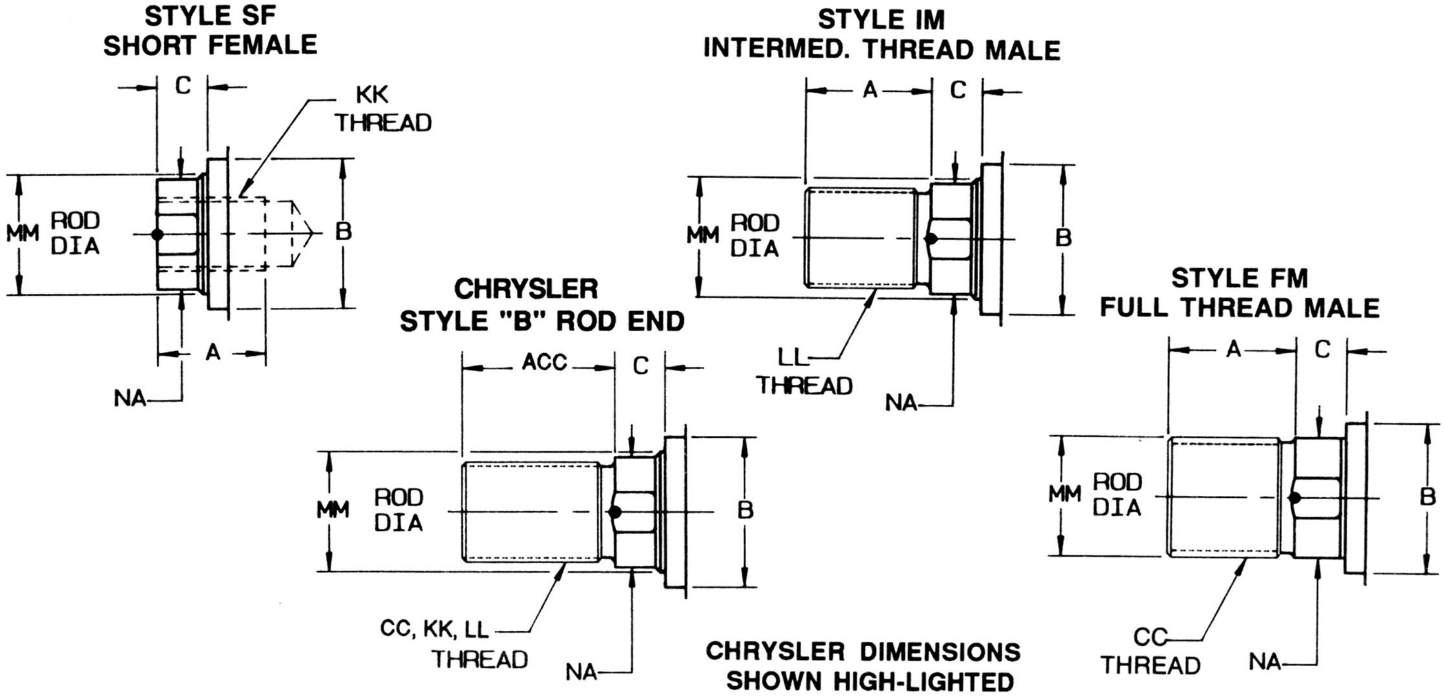
8'' - 14'' BORE



ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

CYL. BORE	E	EB (HOLE)	EE (NPTF)	G	J	K	LG	P	TE
8	8 1/2	11/16	3/4	2	1 1/2	49/64	5 1/8	3 5/16	7.57
10	10 5/8	13/16	1	2 1/4	2	57/64	6 3/8	4 3/16	9.40
12	12 3/4	13/16	1	2 1/4	2	57/64	6 7/8	4 11/16	11.10
14	14 3/4	15/16	1 1/4	2 3/4	2 1/4	1	8 1/8	5 5/8	12.87

PENINSULAR
CYLINDER CO.



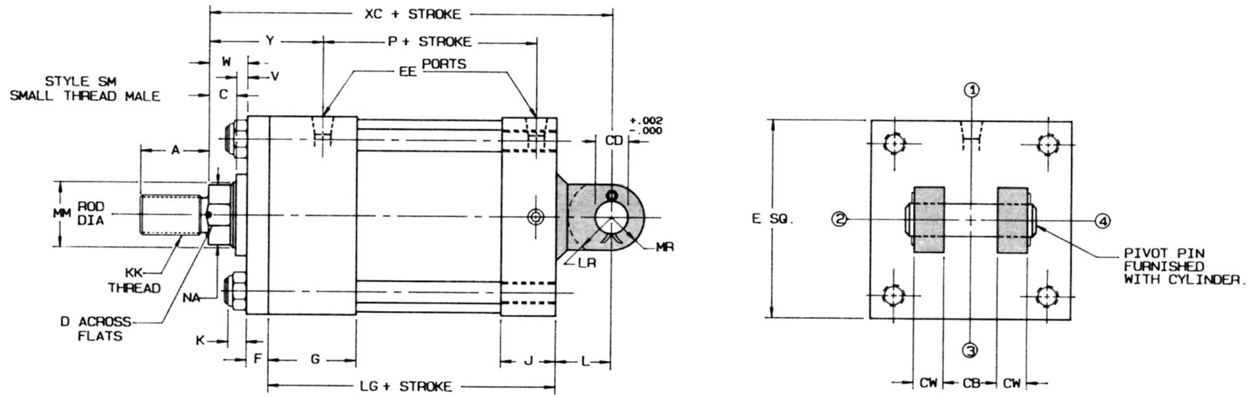
Cyl. Bore	Rod Dia. (mm)	Thread			Rod End Dimensions and Mounting Dimensions affected by Rod Size												
		KK	LL	CC	A	ACC	B +.000 −.002	BF	C	D	NA	VA	VB	WB	Y	ZB	ZJ
8	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	3.625	5/8	1 1/8	1.343	1/4	1	1 5/8	2 3/4	7 33/64	6 3/4
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.625	3/4	1 1/2	1.703	1/4	1 1/8	1 7/8	3	7 49/64	7
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	4.312	7/8	1 11/16	1.953	1/4	1 1/8	2	3 1/8	7 57/64	7 1/8
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	1/4	1 1/4	2 1/4	3 3/8	8 9/64	7 3/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.562	1	2 5/8	2.937	3/8	1 1/4	2 1/4	3 3/8	8 9/64	7 3/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5.562	1	3	3.437	3/8	1 1/4	2 1/4	3 3/8	8 9/64	7 3/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.750	1	3 3/8	3.937	3/8	1 1/4	2 1/4	3 3/8	8 9/64	7 3/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	6.750	1	3 7/8	4.421	3/8	1 1/4	2 1/4	3 3/8	8 9/64	7 3/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.750	1	4 1/4	4.921	3/8	1 1/4	2 1/4	3 3/8	8 9/64	7 3/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	3/8	1 1/4	2 1/4	3 3/8	8 9/64	7 3/8
10	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	2	2.374	3.735	3/4	1 1/2	1.703	1/4	1 1/8	1 7/8	3 1/16	9 1/8	8 1/4
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	1/4	1 1/8	2	3 3/16	9 1/4	8 3/8
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	5.000	1	2 1/16	2.453	1/4	1 1/4	2 1/4	3 7/16	9 1/2	8 5/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.000	1	2 5/8	2.937	1/4	1 1/4	2 1/4	3 7/16	9 1/2	8 5/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	6.062	1	3	3.437	3/8	1 1/4	2 1/4	3 7/16	9 1/2	8 5/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.062	1	3 3/8	3.937	3/8	1 1/4	2 1/4	3 7/16	9 1/2	8 5/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	7.250	1	3 7/8	4.421	3/8	1 1/4	2 1/4	3 7/16	9 1/2	8 5/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.250	1	4 1/4	4.921	3/8	1 1/4	2 1/4	3 7/16	9 1/2	8 5/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	3/8	1 1/4	2 1/4	3 7/16	9 1/2	8 5/8
12	2	1 1/2-12	1 3/4-12	2-12	2 1/4	2 1/4	2.624	4.312	7/8	1 11/16	1.953	1/4	1 1/8	2	3 3/16	9 3/4	8 7/8
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	1/4	1 1/4	2 1/4	3 7/16	10	9 1/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.562	1	2 5/8	2.937	3/8	1 1/4	2 1/4	3 7/16	10	9 1/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5.562	1	3	3.437	3/8	1 1/4	2 1/4	3 7/16	10	9 1/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.750	1	3 3/8	3.937	3/8	1 1/4	2 1/4	3 7/16	10	9 1/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	6.750	1	3 7/8	4.421	3/8	1 1/4	2 1/4	3 7/16	10	9 1/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.750	1	4 1/4	4.921	3/8	1 1/4	2 1/4	3 7/16	10	9 1/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	3/8	1 1/4	2 1/4	3 7/16	10	9 1/8
14	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	3	3.124	5.000	1	2 1/16	2.453	1/4	1 1/4	2 1/4	3 11/16	11 3/8	10 3/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.000	1	2 5/8	2.937	1/4	1 1/4	2 1/4	3 11/16	11 3/8	10 3/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	6.062	1	3	3.437	3/8	1 1/4	2 1/4	3 11/16	11 3/8	10 3/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.062	1	3 3/8	3.937	3/8	1 1/4	2 1/4	3 11/16	11 3/8	10 3/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	7.250	1	3 7/8	4.421	3/8	1 1/4	2 1/4	3 11/16	11 3/8	10 3/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.250	1	4 1/4	4.921	3/8	1 1/4	2 1/4	3 11/16	11 3/8	10 3/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	3/8	1 1/4	2 1/4	3 11/16	11 3/8	10 3/8

MMAC-230 / MMHC-235
Cap Fixed Clevis (MP1)

PENINSULAR CYLINDER CO.

TIE ROD RETAINED CARTRIDGE STYLE

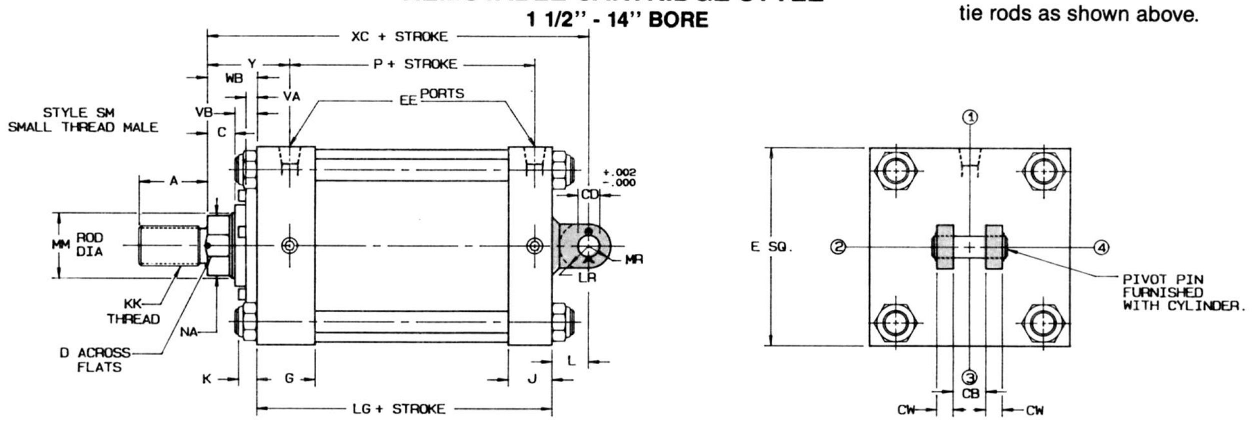
1 1/2", 2", 2 1/2" & 5" BORE
With Maximum Oversize Rods



REMOVABLE CARTRIDGE STYLE

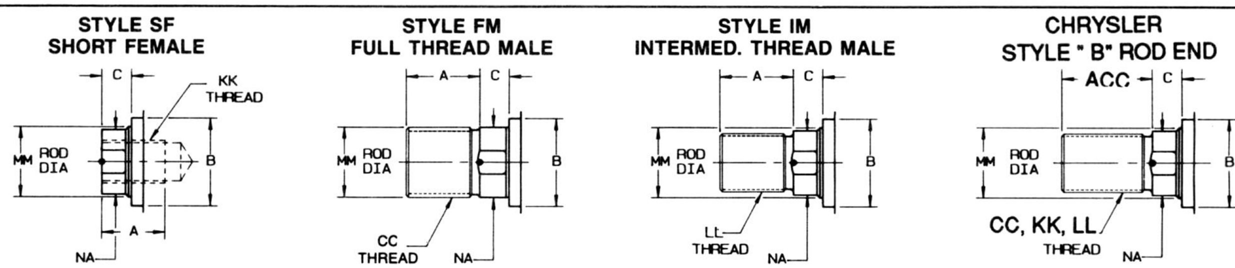
1 1/2" - 14" BORE

1 1/2" bore and 2" bore have threaded-in tie rods as shown above.



ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

CYL. BORE	CB	CD (PIN DIA)	CW	E	EE (NPTF)	F	G	J	K	L	LG	LR	MR	P
1 1/2	3/4	.500	1/2	2	3/8	3/8	1 1/2	1	21/64	3/4	3 5/8	5/8	1/2	2 5/16
2	3/4	.500	1/2	2 1/2	3/8	3/8	1 1/2	1	23/64	3/4	3 5/8	5/8	1/2	2 5/16
2 1/2	3/4	.500	1/2	3	3/8	3/8	1 1/2	1	23/64	3/4	3 3/4	5/8	1/2	2 7/16
3 1/4	1 1/4	.750	5/8	3 3/4	1/2	5/8	1 3/4	1 1/4	15/32	1 1/4	4 1/4	1	3/4	2 11/16
4	1 1/4	.750	5/8	4 1/2	1/2	5/8	1 3/4	1 1/4	15/32	1 1/4	4 1/4	1	3/4	2 11/16
5	1 1/4	.750	5/8	5 1/2	1/2	5/8	1 3/4	1 1/4	39/64	1 1/4	4 1/2	1	3/4	2 15/16
6	1 1/2	1.000	3/4	6 1/2	3/4	-	2	1 1/2	39/64	1 1/2	5	1 1/4	1	3 3/16
8	1 1/2	1.000	3/4	8 1/2	3/4	-	2	1 1/2	49/64	1 1/2	5 1/8	1 1/4	1	3 5/16
10	2	1.375	1	10 5/8	1	-	2 1/4	2	57/64	2 1/8	6 3/8	1 13/16	1 3/8	4 3/16
12	2 1/2	1.750	1 1/4	12 3/4	1	-	2 1/4	2	57/64	2 1/4	6 7/8	1 15/16	1 3/4	4 11/16
14	2 1/2	2.000	1 1/4	14 3/4	1 1/4	-	2 3/4	2 1/4	1	2 1/2	8 1/8	2 3/16	2	5 5/8



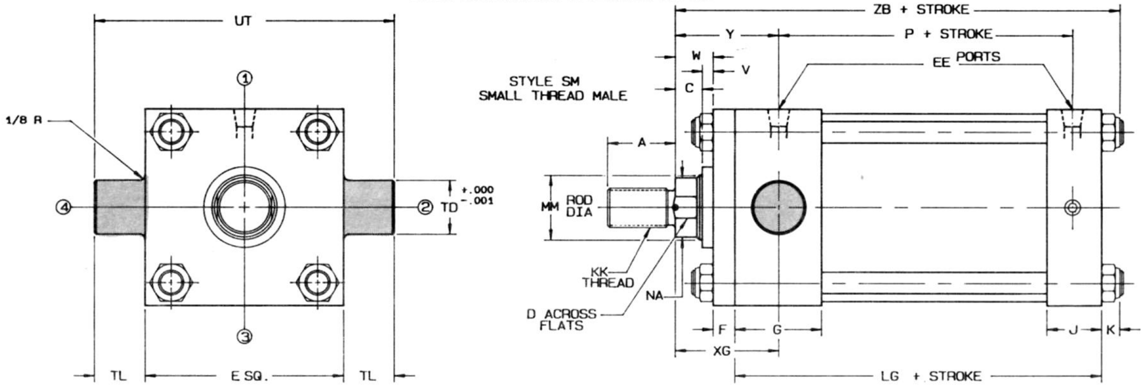
CHRYSLER DIMENSIONS SHOWN HIGH-LIGHTED

Cyl. Bore	Rod Dia. (mm)	Thread			Rod End Dimensions and Mounting Dimensions affected by Rod Size												
		KK	LL	CC	A	ACC	B $^{+.000}_{-.002}$	C	D	NA	V	VA	VB	W	WB	Y	XC
1 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	3/8	1/2	.593	-	1/4	5/8	-	1	1 7/8	5 3/8
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	1/2	-	-	1	-	2 1/4	5 3/4
2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	3/8	1/2	.593	-	1/4	5/8	-	1	1 7/8	5 3/8
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 1/4	5 3/4
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	2 1/2	6
2 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	3/8	1/2	.593	-	1/4	5/8	-	1	1 7/8	5 1/2
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 1/4	5 7/8
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	2 1/2	6 1/8
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	3/4	-	-	1 1/2	-	2 3/4	6 3/8
3 1/4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 3/8	6 7/8
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 5/8	7 1/8
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 7/8	7 3/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3	7 1/2
4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 3/8	6 7/8
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 5/8	7 1/8
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 7/8	7 3/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3	7 1/2
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/4	7 3/4
5	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 3/8	7 1/8
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 5/8	7 3/8
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 7/8	7 5/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3	7 3/4
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/4	8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 1/4	8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	5/8	-	-	1 5/8	-	3 1/4	8
6	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/8	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 3/4	8 1/8
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	3	8 3/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 1/8	8 1/2
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 3/8	8 3/4
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 3/8	8 3/4
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 3/8	8 3/4
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 3/8	8 3/4
8	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 3/4	8 1/4
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	3	8 1/2
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 1/8	8 5/8
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 3/8	8 7/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 3/8	8 7/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 3/8	8 7/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 3/8	8 7/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 3/8	8 7/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 3/8	8 7/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 3/8	8 7/8
10	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	2	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	3 1/16	10 3/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 3/16	10 1/2
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 7/16	10 3/4
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 7/16	10 3/4
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 7/16	10 3/4
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 7/16	10 3/4
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 7/16	10 3/4
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 7/16	10 3/4
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 7/16	10 3/4
12	2	1 1/2-12	1 3/4-12	2-12	2 1/4	2 1/4	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 3/16	11 1/8
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 7/16	11 3/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 7/16	11 3/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 7/16	11 3/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 7/16	11 3/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 7/16	11 3/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 7/16	11 3/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 7/16	11 3/8
14	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	3	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 11/16	12 7/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 11/16	12 7/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 11/16	12 7/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 11/16	12 7/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 11/16	12 7/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 11/16	12 7/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 11/16	12 7/8

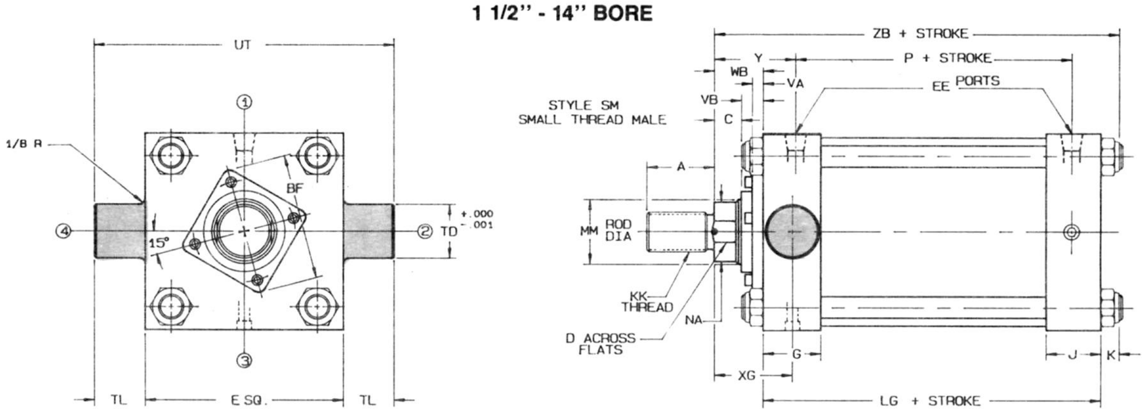
MMAC-240 / MMHC-245
Head Trunnion (MT1)

PENINSULAR CYLINDER CO.

TIE ROD RETAINED CARTRIDGE STYLE
1 1/2", 2", 2 1/2" & 5" BORE
With Maximum Oversize Rods

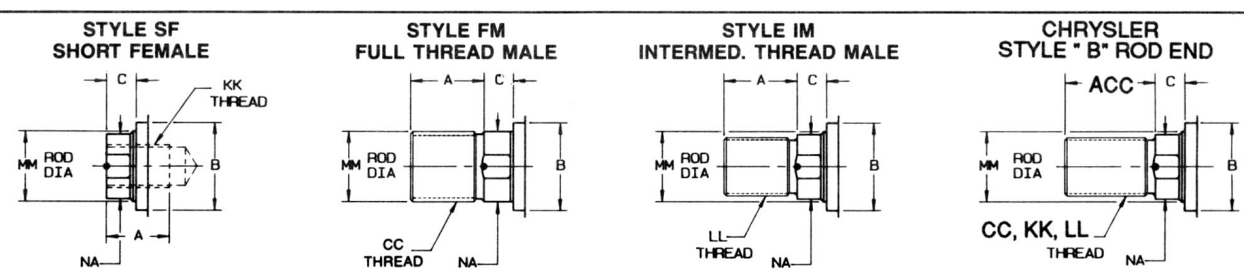


REMOVABLE CARTRIDGE STYLE
1 1/2" - 14" BORE



ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

CYL. BORE	E	EE (NPTF)	F	G	J	K	LG	P	TD	TL	UT
1 1/2	2	3/8	3/8	1 1/2	1	21/64	3 5/8	2 5/16	1.000	1	4
2	2 1/2	3/8	3/8	1 1/2	1	23/64	3 5/8	2 5/16	1.000	1	4 1/2
2 1/2	3	3/8	3/8	1 1/2	1	23/64	3 3/4	2 7/16	1.000	1	5
3 1/4	3 3/4	1/2	5/8	1 3/4	1 1/4	15/32	4 1/4	2 11/16	1.000	1	5 3/4
4	4 1/2	1/2	5/8	1 3/4	1 1/4	15/32	4 1/4	2 11/16	1.000	1	6 1/2
5	5 1/2	1/2	5/8	1 3/4	1 1/4	39/64	4 1/2	2 15/16	1.000	1	7 1/2
6	6 1/2	3/4	-	2	1 1/2	39/64	5	3 3/16	1.375	1 3/8	9 1/4
8	8 1/2	3/4	-	2	1 1/2	49/64	5 1/8	3 5/16	1.375	1 3/8	11 1/4
10	10 5/8	1	-	2 1/4	2	57/64	6 3/8	4 3/16	1.750	1 3/4	14 1/8
12	12 3/4	1	-	2 1/4	2	57/64	6 7/8	4 11/16	1.750	1 3/4	16 1/4
14	14 3/4	1 1/4	-	2 3/4	2 1/4	1	8 1/8	5 5/8	2.000	2	18 3/4



CHRYSLER DIMENSIONS SHOWN HIGH-LIGHTED

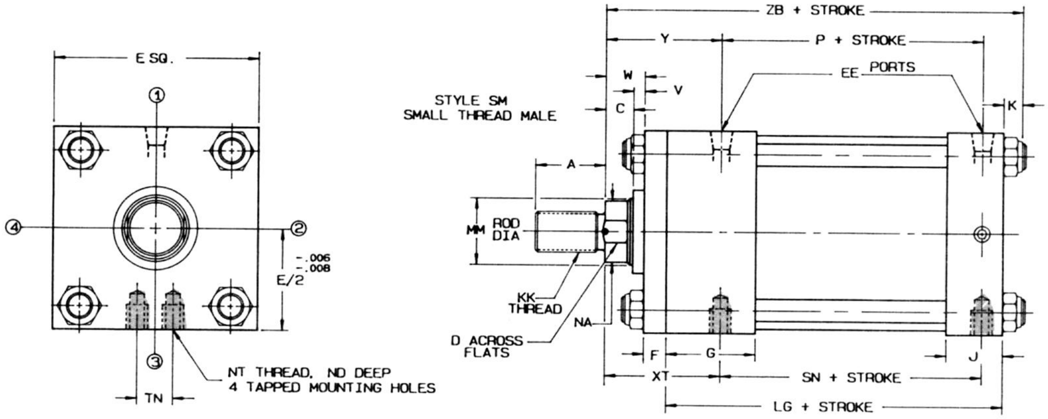
Cyl. Bore	Rod Dia. (mm)	Thread KK	Thread LL	Thread CC	Rod End Dimensions and Mounting Dimensions affected by Rod Size: A	ACC	B +.000 −.002	BF	C	D	NA	V	VA	VB	W	WB	XG	Y	ZB
1 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	1.968	3/8	1/2	.593	-	1/4	5/8	-	1	1 3/4	1 7/8	4 61/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	-	1/2	7/8	.968	1/2	-	-	1	-	2 1/8	2 1/4	5 21/64
2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	1.968	3/8	1/2	.593	-	1/4	5/8	-	1	1 3/4	1 7/8	4 63/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	2.468	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 1/8	2 1/4	5 23/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	-	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	2 3/8	2 1/2	5 39/64
2 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	2.468	3/8	1/2	.593	-	1/4	5/8	-	1	1 3/4	1 7/8	5 7/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	2.468	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 1/8	2 1/4	5 31/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	-	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	2 3/8	2 1/2	5 47/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	-	3/4	1 1/2	1.703	3/4	-	-	1 1/2	-	2 5/8	2 3/4	5 63/64
3 1/4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	2.968	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 1/4	2 3/8	6 3/32
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 1/2	2 5/8	6 11/32
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 3/4	2 7/8	6 19/32
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	2 7/8	3	6 23/32
4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	2.968	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 1/4	2 3/8	6 3/32
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 1/2	2 5/8	6 11/32
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 3/4	2 7/8	6 19/32
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	2 7/8	3	6 23/32
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/8	3 1/4	6 31/32
5	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	2.968	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 1/4	2 3/8	6 31/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 1/2	2 5/8	6 47/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 3/4	2 7/8	6 63/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	2 7/8	3	7 7/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	5.000	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/8	3 1/4	7 23/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.000	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 1/8	3 1/4	7 23/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	-	1	3	3.437	5/8	-	-	1 5/8	-	3 1/8	3 1/4	7 23/64
6	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/8	1.999	3.625	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 5/8	2 3/4	7 15/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.625	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 7/8	3	7 31/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	4.312	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3	3 1/8	7 39/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/4	3 3/8	7 55/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.562	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 1/4	3 3/8	7 55/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5.562	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 1/4	3 3/8	7 55/64
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.062	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 1/4	3 3/8	7 55/64
8	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	3.625	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 5/8	2 3/4	7 33/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.625	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 7/8	3	7 49/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	4.312	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3	3 1/8	7 57/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/4	3 3/8	8 9/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.562	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 1/4	3 3/8	8 9/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5.562	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 1/4	3 3/8	8 9/64
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.750	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 1/4	3 3/8	8 9/64
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	6.750	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 1/4	3 3/8	8 9/64
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.750	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 1/4	3 3/8	8 9/64
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 1/4	3 3/8	8 9/64
10	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	2	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	3	3 1/16	9 1/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 1/8	3 3/16	9 1/4
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	5.000	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 3/8	3 7/16	9 1/2
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.000	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 3/8	3 7/16	9 1/2
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	6.062	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 3/8	3 7/16	9 1/2
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.062	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 3/8	3 7/16	9 1/2
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	7.250	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 3/8	3 7/16	9 1/2
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.250	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 3/8	3 7/16	9 1/2
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 3/8	3 7/16	9 1/2
12	2	1 1/2-12	1 3/4-12	2-12	2 1/4	2 1/4	2.624	4.312	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 1/8	3 3/16	9 3/4
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 3/8	3 7/16	10
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.562	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 3/8	3 7/16	10
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5.562	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 3/8	3 7/16	10
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.750	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 3/8	3 7/16	10
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	6.750	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 3/8	3 7/16	10
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.750	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 3/8	3 7/16	10
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 3/8	3 7/16	10
14	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	3	3.124	5.000	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 5/8	3 11/16	11 3/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.000	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 5/8	3 11/16	11 3/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	6.062	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 5/8	3 11/16	11 3/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.062	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 5/8	3 11/16	11 3/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	7.250	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 5/8	3 11/16	11 3/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.250	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 5/8	3 11/16	11 3/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 5/8	3 11/16	11 3/8

MMAC-250 / MMHC-255
Side Tapped (MS4)

PENINSULAR CYLINDER CO.

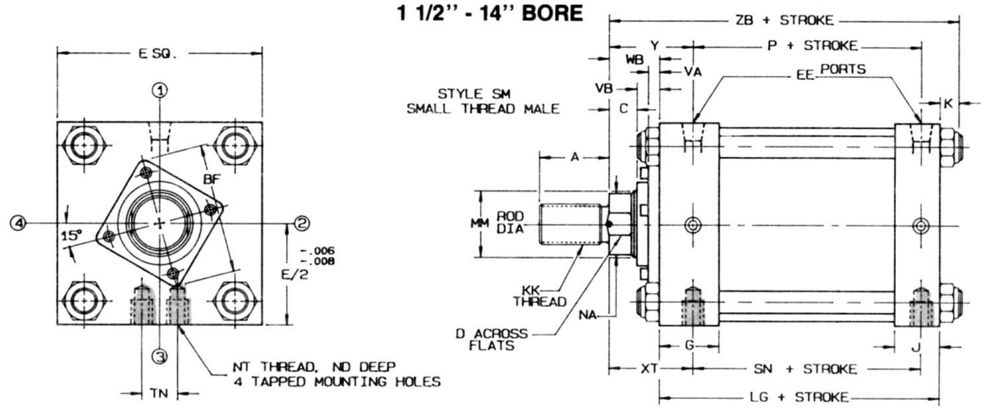
TIE ROD RETAINED CARTRIDGE STYLE

1 1/2", 2", 2 1/2" & 5" BORE
With Maximum Oversize Rods



REMOVABLE CARTRIDGE STYLE

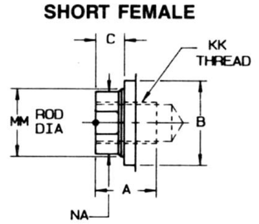
1 1/2" - 14" BORE



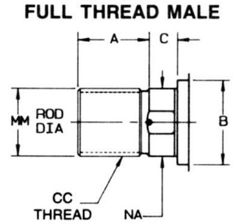
ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

CYL. BORE	E	EE (NPTF)	F	G	J	K	LG	NT	P	SN	TN
1 1/2	2	3/8	3/8	1 1/2	1	21/64	3 5/8	1/4-20	2 5/16	2 1/4	5/8
2	2 1/2	3/8	3/8	1 1/2	1	23/64	3 5/8	5/16-18	2 5/16	2 1/4	7/8
2 1/2	3	3/8	3/8	1 1/2	1	23/64	3 3/4	3/8-16	2 7/16	2 3/8	1 1/4
3 1/4	3 3/4	1/2	5/8	1 3/4	1 1/4	15/32	4 1/4	1/2-13	2 11/16	2 5/8	1 1/2
4	4 1/2	1/2	5/8	1 3/4	1 1/4	15/32	4 1/4	1/2-13	2 11/16	2 5/8	2 1/16
5	5 1/2	1/2	5/8	1 3/4	1 1/4	39/64	4 1/2	5/8-11	2 15/16	2 7/8	2 11/16
6	6 1/2	3/4	-	2	1 1/2	39/64	5	3/4-10	3 3/16	3 1/8	3 1/4
8	8 1/2	3/4	-	2	1 1/2	49/64	5 1/8	3/4-10	3 5/16	3 1/4	4 1/2
10	10 5/8	1	-	2 1/4	2	57/64	6 3/8	1-8	4 3/16	4 1/8	5 1/2
12	12 3/4	1	-	2 1/4	2	57/64	6 7/8	1-8	4 11/16	4 5/8	7 1/4
14	14 3/4	1 1/4	-	2 3/4	2 1/4	1	8 1/8	1 1/4-7	5 5/8	5 1/2	8 3/8

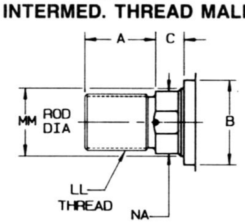
STYLE SF
SHORT FEMALE



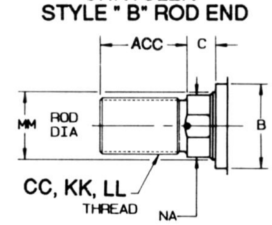
STYLE FM
FULL THREAD MALE



STYLE IM
INTERMED. THREAD MALE



CHRYSLER
STYLE "B" ROD END



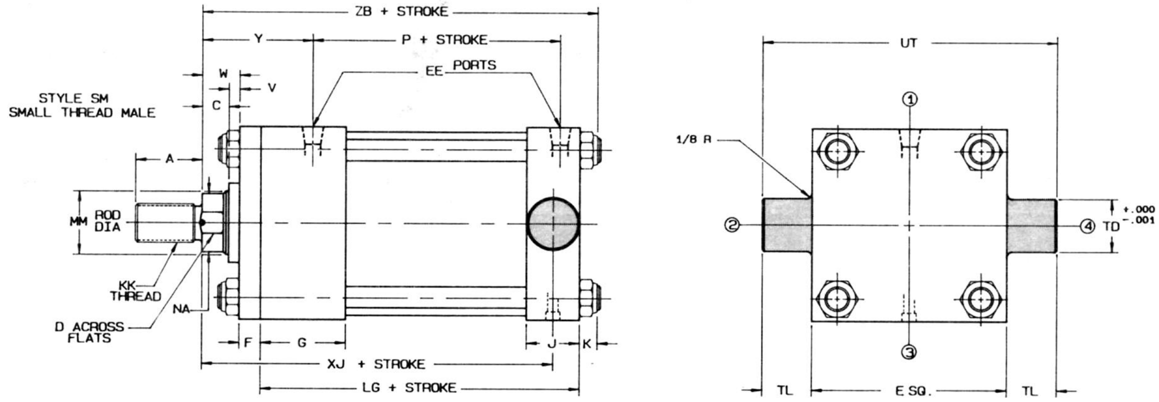
CHRYSLER DIMENSIONS SHOWN HIGH-LIGHTED

Cyl. Bore	Rod Dia. (mm)	Thread			Rod End Dimensions and Mounting Dimensions affected by Rod Size															
		KK	LL	CC	A	ACC	$B^{+.000}_{-.002}$	BF	C	D	NA	V	VA	VB	W	WB	XT	Y	ZB	ND
1 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	1.968	3/8	1/2	.593	-	1/4	5/8	-	1	1 15/16	1 7/8	4 61/64	3/8
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	-	1/2	7/8	.968	1/2	-	-	1	-	2 5/16	2 1/4	5 21/64	1/4
2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	1.968	3/8	1/2	.593	-	1/4	5/8	-	1	1 15/16	1 7/8	4 63/64	3/8
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	2.468	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 5/16	2 1/4	5 23/64	3/8
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	-	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	2 9/16	2 1/2	5 39/64	5/16
2 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	2.468	3/8	1/2	.593	-	1/4	5/8	-	1	1 15/16	1 7/8	5 7/64	1/2
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	2.468	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 5/16	2 1/4	5 31/64	1/2
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	-	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	2 9/16	2 1/2	5 47/64	1/2
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	-	3/4	1 1/2	1.703	3/4	-	-	1 1/2	-	2 13/16	2 3/4	5 63/64	3/8
3 1/4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	2.968	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 7/16	2 3/8	6 3/32	3/4
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 11/16	2 5/8	6 11/32	3/4
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 15/16	2 7/8	6 19/32	3/4
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 1/16	3	6 23/32	1/2
4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	2.968	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 7/16	2 3/8	6 3/32	3/4
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 11/16	2 5/8	6 11/32	3/4
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 15/16	2 7/8	6 19/32	3/4
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 1/16	3	6 23/32	3/4
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 5/16	3 1/4	6 31/32	5/8
5	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	2.968	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	2 7/16	2 3/8	6 31/64	15/16
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	2.968	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 11/16	2 5/8	6 47/64	15/16
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	2 15/16	2 7/8	6 63/64	15/16
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 1/16	3	7 7/64	15/16
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	5.000	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 5/16	3 1/4	7 23/64	15/16
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.000	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 5/16	3 1/4	7 23/64	15/16
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	-	1	3	3.437	5/8	-	-	1 5/8	-	3 5/16	3 1/4	7 23/64	3/4
6	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/8	1.999	3.625	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 13/16	2 3/4	7 15/64	1 1/8
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.625	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	3 1/16	3	7 31/64	1 1/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	4.312	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 3/16	3 1/8	7 39/64	1 1/8
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 7/16	3 3/8	7 55/64	1 1/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.562	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 7/16	3 3/8	7 55/64	1 1/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5.562	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 7/16	3 3/8	7 55/64	1 1/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.062	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 7/16	3 3/8	7 55/64	7/8
8	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	3.625	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	2 13/16	2 3/4	7 33/64	1 1/8
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3.625	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	3 1/16	3	7 49/64	1 1/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	4.312	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 3/16	3 1/8	7 57/64	1 1/8
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 7/16	3 3/8	8 9/64	1 1/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.562	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 7/16	3 3/8	8 9/64	1 1/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5.562	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 7/16	3 3/8	8 9/64	1 1/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.750	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 7/16	3 3/8	8 9/64	1 1/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	6.750	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 7/16	3 3/8	8 9/64	1 1/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.750	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 7/16	3 3/8	8 9/64	1 1/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 7/16	3 3/8	8 9/64	1 1/8
10	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	2	2.374	3.735	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	3 1/8	3 1/16	9 1/8	1 1/2
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	3.735	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 1/4	3 3/16	9 1/4	1 1/2
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	5.000	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/2	3 7/16	9 1/2	1 1/2
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.000	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 1/2	3 7/16	9 1/2	1 1/2
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	6.062	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 1/2	3 7/16	9 1/2	1 1/2
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.062	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 1/2	3 7/16	9 1/2	1 1/2
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	7.250	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 1/2	3 7/16	9 1/2	1 1/2
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.250	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 1/2	3 7/16	9 1/2	1 1/2
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 1/2	3 7/16	9 1/2	1 1/2
12	2	1 1/2-12	1 3/4-12	2-12	2 1/4	2 1/4	2.624	4.312	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	3 1/4	3 3/16	9 3/4	1 1/2
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4.312	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 1/2	3 7/16	10	1 1/2
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.562	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 1/2	3 7/16	10	1 1/2
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5.562	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 1/2	3 7/16	10	1 1/2
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.750	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 1/2	3 7/16	10	1 1/2
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	6.750	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 1/2	3 7/16	10	1 1/2
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.750	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 1/2	3 7/16	10	1 1/2
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 1/2	3 7/16	10	1 1/2
14	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	3	3.124	5.000	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	3 13/16	3 11/16	11 3/8	1 7/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5.000	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	3 13/16	3 11/16	11 3/8	1 7/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	6.062	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 13/16	3 11/16	11 3/8	1 7/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6.062	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	3 13/16	3 11/16	11 3/8	1 7/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	7.250	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	3 13/16	3 11/16	11 3/8	1 7/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7.250	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	3 13/16	3 11/16	11 3/8	1 7/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	7.750	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	3 13/16	3 11/16	11 3/8	1 7/8

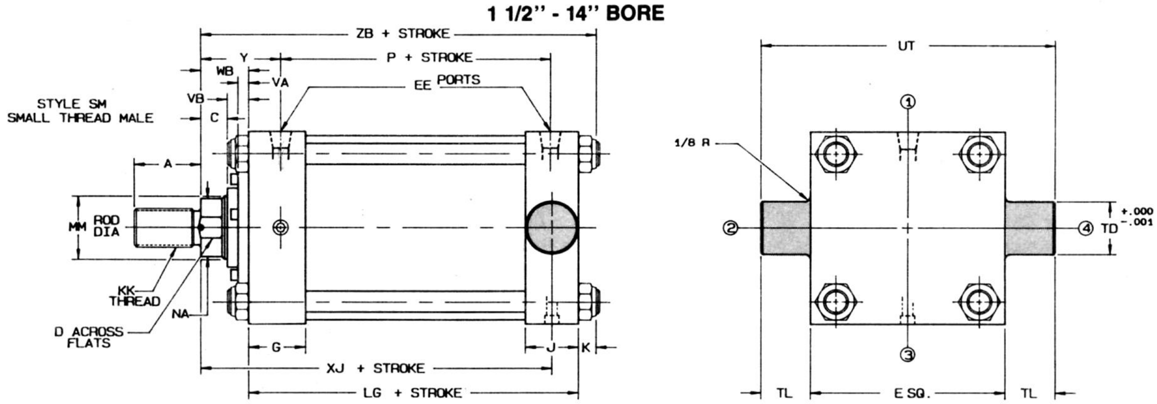
MMAC-260 / MMHC-265
Cap Trunnion (MT2)

PENINSULAR CYLINDER CO.

TIE ROD RETAINED CARTRIDGE STYLE
1 1/2", 2", 2 1/2" & 5" BORE
With Maximum Oversize Rods

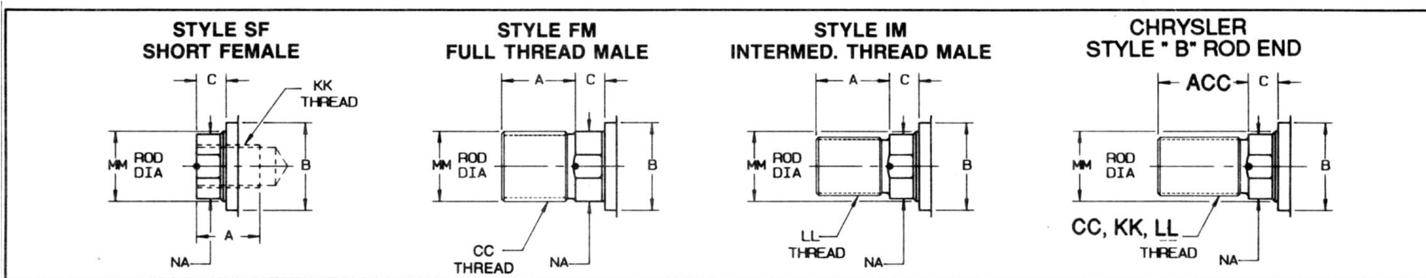


REMOVABLE CARTRIDGE STYLE
1 1/2" - 14" BORE



ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

CYL. BORE	E	EE (NPTF)	F	G	J	K	LG	P	TD	TL	UT
1 1/2	2	3/8	3/8	1 1/2	1	21/64	3 5/8	2 5/16	1.000	1	4
2	2 1/2	3/8	3/8	1 1/2	1	23/64	3 5/8	2 5/16	1.000	1	4 1/2
2 1/2	3	3/8	3/8	1 1/2	1	23/64	3 3/4	2 7/16	1.000	1	5
3 1/4	3 3/4	1/2	5/8	1 3/4	1 1/4	15/32	4 1/4	2 11/16	1.000	1	5 3/4
4	4 1/2	1/2	5/8	1 3/4	1 1/4	15/32	4 1/4	2 11/16	1.000	1	6 1/2
5	5 1/2	1/2	5/8	1 3/4	1 1/4	39/64	4 1/2	2 15/16	1.000	1	7 1/2
6	6 1/2	3/4	-	2	1 1/2	39/64	5	3 3/16	1.375	1 3/8	9 1/4
8	8 1/2	3/4	-	2	1 1/2	49/64	5 1/8	3 5/16	1.375	1 3/8	11 1/4
10	10 5/8	1	-	2 1/4	2	57/64	6 3/8	4 3/16	1.750	1 3/4	14 1/8
12	12 3/4	1	-	2 1/4	2	57/64	6 7/8	4 11/16	1.750	1 3/4	16 1/4
14	14 3/4	1 1/4	-	2 3/4	2 1/4	1	8 1/8	5 5/8	2.000	2	18 3/4



Cyl. Bore	Rod Dia. (mm)	Thread			Rod End Dimensions and Mounting Dimensions affected by Rod Size													
		KK	LL	CC	A	ACC	B $^{+.000}_{-.002}$	C	D	NA	V	VA	VB	W	WB	XJ	Y	ZB
1 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	3/8	1/2	.593	-	1/4	5/8	-	1	4 1/8	1 7/8	4 61/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	1/2	-	-	1	-	4 1/2	2 1/4	5 21/64
2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	3/8	1/2	.593	-	1/4	5/8	-	1	4 1/8	1 7/8	4 63/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	4 1/2	2 1/4	5 23/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	4 3/4	2 1/2	5 39/64
2 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 3/8	1.124	3/8	1/2	.593	-	1/4	5/8	-	1	4 1/4	1 7/8	5 7/64
	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	4 5/8	2 1/4	5 31/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	5/8	-	-	1 1/4	-	4 7/8	2 1/2	5 47/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	3/4	-	-	1 1/2	-	5 1/8	2 3/4	5 63/64
3 1/4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	5	2 3/8	6 3/32
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	5 1/4	2 5/8	6 11/32
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	5 1/2	2 7/8	6 19/32
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	5 5/8	3	6 23/32
4	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	5	2 3/8	6 3/32
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	5 1/4	2 5/8	6 11/32
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	5 1/2	2 7/8	6 19/32
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	5 5/8	3	6 23/32
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	5 7/8	3 1/4	6 31/32
5	1	3/4-16	7/8-14	1-14	1 1/8	1 5/8	1.499	1/2	7/8	.968	-	1/4	7/8	-	1 3/8	5 1/4	2 3/8	6 31/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	5 1/2	2 5/8	6 47/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	5 3/4	2 7/8	6 63/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	5 7/8	3	7 7/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	6 1/8	3 1/4	7 23/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	6 1/8	3 1/4	7 23/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	5/8	-	-	1 5/8	-	6 1/8	3 1/4	7 23/64
6	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/8	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	5 7/8	2 3/4	7 15/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	6 1/8	3	7 31/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	6 1/4	3 1/8	7 39/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	6 1/2	3 3/8	7 55/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	6 1/2	3 3/8	7 55/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	6 1/2	3 3/8	7 55/64
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	6 1/2	3 3/8	7 55/64
8	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	2 1/2	1.999	5/8	1 1/8	1.343	-	1/4	1	-	1 5/8	6	2 3/4	7 33/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	6 1/4	3	7 49/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	6 3/8	3 1/8	7 57/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	6 5/8	3 3/8	8 9/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	6 5/8	3 3/8	8 9/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	6 5/8	3 3/8	8 9/64
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	6 5/8	3 3/8	8 9/64
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	6 5/8	3 3/8	8 9/64
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	6 5/8	3 3/8	8 9/64
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	6 5/8	3 3/8	8 9/64
10	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	2	2.374	3/4	1 1/2	1.703	-	1/4	1 1/8	-	1 7/8	7 1/4	3 1/16	9 1/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	7 3/8	3 3/16	9 1/4
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	7 5/8	3 7/16	9 1/2
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	7 5/8	3 7/16	9 1/2
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	7 5/8	3 7/16	9 1/2
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	7 5/8	3 7/16	9 1/2
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	7 5/8	3 7/16	9 1/2
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	7 5/8	3 7/16	9 1/2
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	7 5/8	3 7/16	9 1/2
12	2	1 1/2-12	1 3/4-12	2-12	2 1/4	2 1/4	2.624	7/8	1 11/16	1.953	-	1/4	1 1/8	-	2	7 7/8	3 3/16	9 3/4
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	8 1/8	3 7/16	10
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	8 1/8	3 7/16	10
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	8 1/8	3 7/16	10
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	8 1/8	3 7/16	10
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	8 1/8	3 7/16	10
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	8 1/8	3 7/16	10
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	8 1/8	3 7/16	10
14	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	3	3.124	1	2 1/16	2.453	-	1/4	1 1/4	-	2 1/4	9 1/4	3 11/16	11 3/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	1/4	1 1/4	-	2 1/4	9 1/4	3 11/16	11 3/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	9 1/4	3 11/16	11 3/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	3/8	1 1/4	-	2 1/4	9 1/4	3 11/16	11 3/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	-	3/8	1 1/4	-	2 1/4	9 1/4	3 11/16	11 3/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	-	3/8	1 1/4	-	2 1/4	9 1/4	3 11/16	11 3/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	1	4 5/8	5.421	-	3/8	1 1/4	-	2 1/4	9 1/4	3 11/16	11 3/8

MMHC-500 Series
(3000 PSI Non-Shock Load Rated Hydraulic Cylinder)
ORDERING INFORMATION

PENINSULAR CYLINDER CO.

1 **Specify Chrysler Cylinder Series Code "MMHC"**

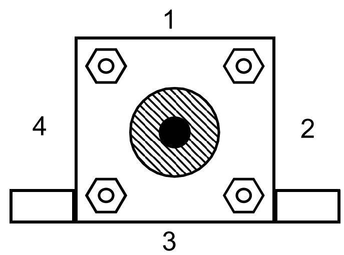
2 **Specify Chrysler Cylinder Model Number :**

MODEL NUMBER		MOUNT DESCRIPTION
505 - MS2	=	Side Lug
515 - MF2	=	Cap Rectangular Flange
525 - MF1	=	Head Rectangular Flange
535 - MP1	=	Cap Fixed Clevis
545 - MT1	=	Head Trunnion
555 - MS4	=	Side Tapped
565 - MT2	=	Cap Trunnion

3 **Specify Cushion Location :**

- B = Cushion on Blind End Only
- R = Cushion on Rod End Only
- BR = Cushion on Both Blind & Rod Ends
- NC = No Cushions

Cushion Adjustment may be at Positions 1, 2, 3, or 4.
Cushions are standard at Position 2.



4 **Specify Cylinder Bore:** & **5** **Specify Cylinder Stroke (rounded to nearest 2 decimals) :**

6 **Specify Cylinder Rod Diameter :**

7 **Specify Cylinder Rod End Style :**

- B = Chrysler Standard (4 flats)
- FM = Full Male, Short Thread
- IM = Intermediate Male, Short Thread
- SM = Small Male, Short Thread with Shoulder
- SF = Short Female

8 **Specify Port Locations : (Note: NPTF Ports are Standard. Port location is standard at Position 1. Ports may be located at Positions 1, 2, 3, or 4.)**

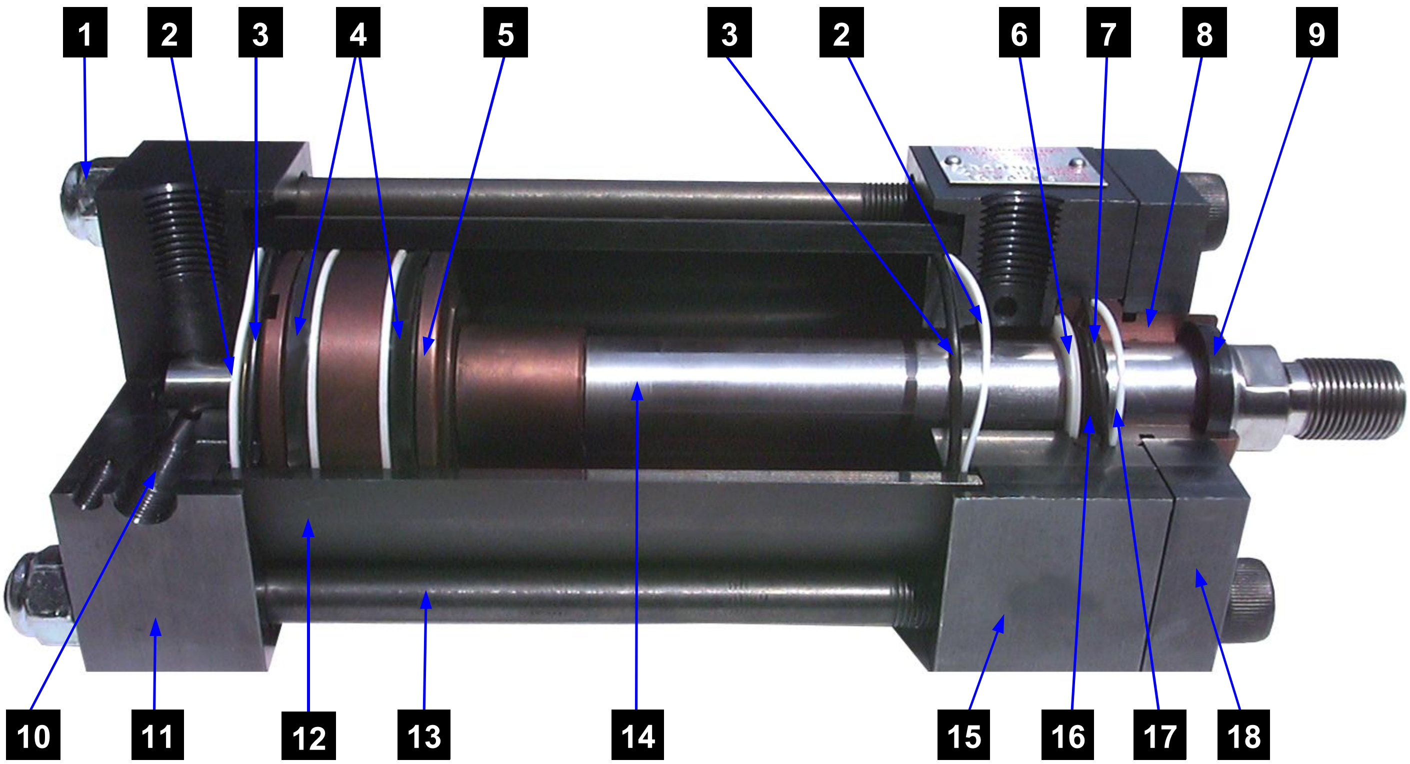
Example: **MMHC-535 - MP1 - BR - 5 x 8.0 - 2.0 SM - 1**

- 1 — CHRYSLER DESIGNATION = MMHC-535
- 2 — CYLINDER MOUNTING STYLE (FIXED CLEVIS)
- 3 — CUSHIONED BOTH CAP & HEAD ENDS
- 4 — BORE SIZE = 5"
- 5 — STROKE IN INCHES = 8.0"
- 6 — ROD DIAMETER = 2.0"
- 7 — SMALL MALE ROD END, SHORT THREAD
- 8 — PORTS AT POSITION # 1 - BOTH ENDS

MMHC-500 Cylinder Parts List

PENINSULAR CYLINDER CO.

(3000 PSI Non-Shock Load Rated Hydraulic Cylinder)

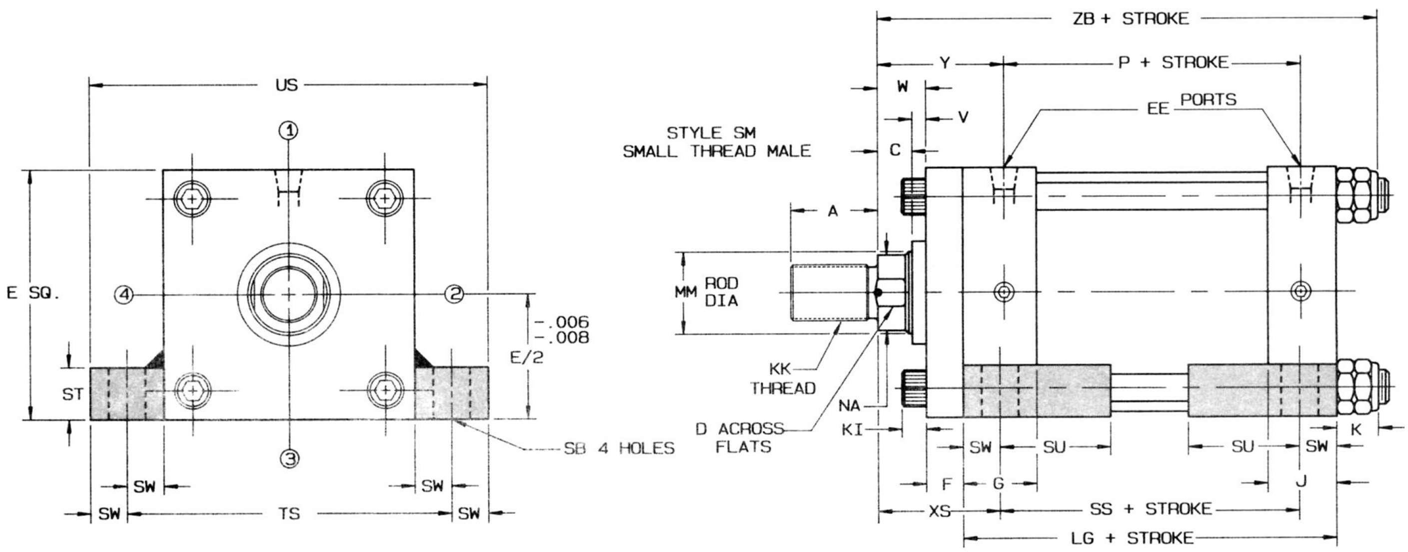


1. Tie Rod Nut
2. Teflon™ Backup Ring for Tube
3. Tube O-Ring
4. Piston U-Cups
5. Piston
6. Teflon™ Backup Ring for Z-Seal™
7. Rod Cartridge O-Ring
8. Rod Cartridge
9. Rod Wiper
10. Cushion Adjustment
11. Cap
12. Cylinder Tube
13. Tie Rod
14. Piston Rod; Specify Rod End Style & Diameter
15. Head
16. Z-Seal™
17. Teflon Backup Ring for Rod Cartridge O-Ring
18. Rod Cartridge Retainer Plate

MMHC-505 Side Lug Mount (MS2)

PENINSULAR CYLINDER CO.

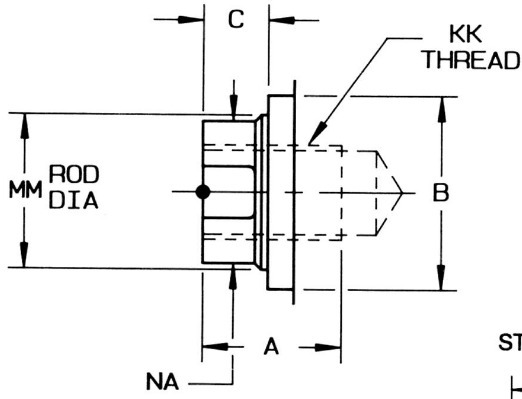
1 1/2" THRU 8" CYLINDER BORE



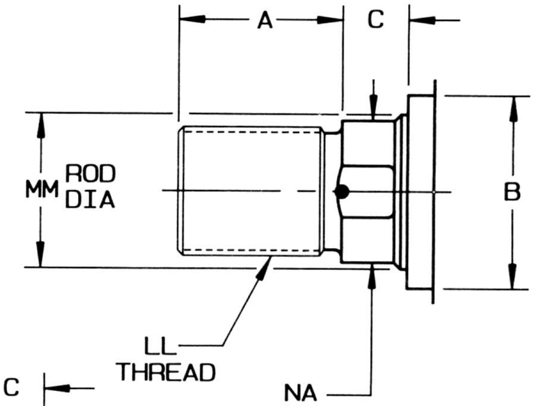
ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

CYL. BORE	E	EE (NPTF)	F	G	J	K	Ki	LG	P	SB (hole)	SS	ST	SU	SW	TS	US
1 1/2	2 1/2	1/2	3/8	1 3/4	1 1/2	15/32	3/8	4 5/8	2 7/8	7/16	3 7/8	1/2	15/16	3/8	3 1/4	4
2	3	1/2	5/8	1 3/4	1 1/2	39/64	1/2	4 5/8	2 7/8	9/16	3 5/8	3/4	1 1/4	1/2	4	5
2 1/2	3 1/2	1/2	5/8	1 3/4	1 1/2	39/64	1/2	4 3/4	3	13/16	3 3/8	1	1 9/16	11/16	4 7/8	6 1/4
3 1/4	4 1/2	3/4	3/4	2	1 3/4	49/64	5/8	5 1/2	3 1/2	13/16	4 1/8	1	1 9/16	11/16	5 7/8	7 1/4
4	5	3/4	7/8	2	1 3/4	49/64	5/8	5 3/4	3 3/4	1 1/16	4	1 1/4	2	7/8	6 3/4	8 1/2
5	6 1/2	3/4	7/8	2	1 3/4	63/64	7/8	6 1/4	4 1/4	1 1/16	4 1/2	1 1/4	2	7/8	8 1/4	10
6	7 1/2	1	1	2 1/4	2 1/4	1 1/32	1	7 3/8	4 7/8	1 5/16	5 1/8	1 1/2	2 1/2	1 1/8	9 3/4	12
8	9 1/2	1 1/2	1	3	3	1 3/8	1 1/4	9 1/2	6 1/8	1 9/16	6 3/4	1 3/4	2 7/8	1 3/8	12 1/4	15

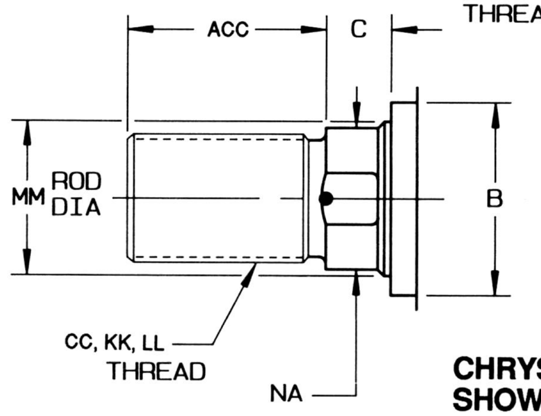
STYLE SF
SHORT FEMALE



STYLE IM
INTERMEDIATE THREAD MALE



CHRYSLER
STYLE "B" ROD END

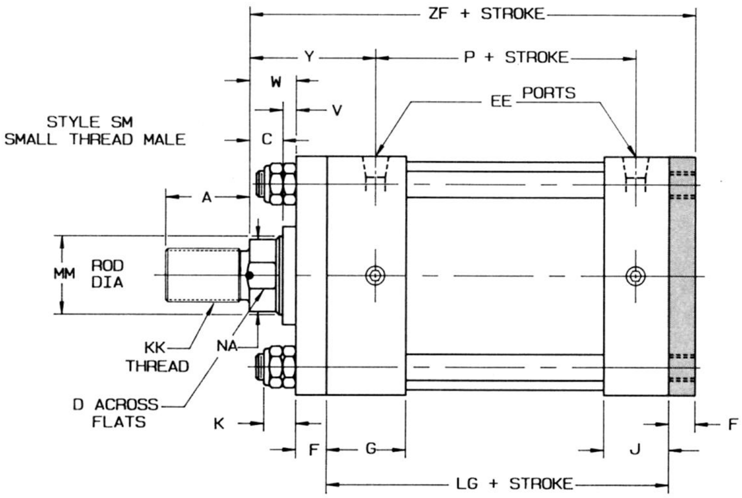


CHRYSLER DIMENSIONS SHOWN HIGH-LIGHTED

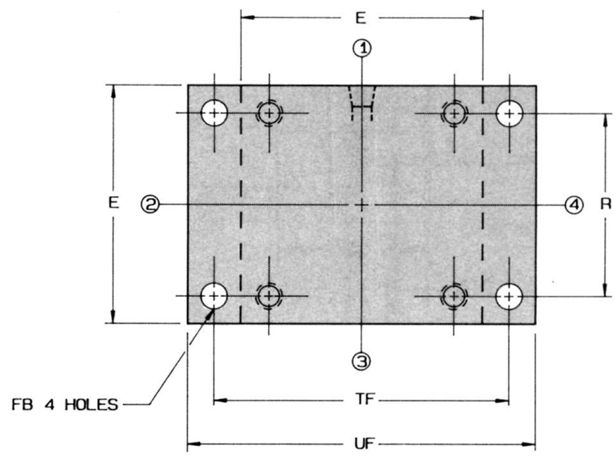
CYL. BORE	ROD DIA	THREAD		ROD END DIMENSIONS & MOUNT DIMENSIONS AFFECTED BY ROD SIZE										
	MM	KK	LL	A	ACC	B +.000 −.002	C	D	NA	V	W	XS	Y	ZB
1 1/2	5/8	7/16-20	1/2-20	3/4	1 1/8	1.124	3/8	1/2	.593	1/4	5/8	1 3/8	2	6 3/32
	1	3/4-16	7/8-14	1 1/8	1 1/8	1.499	1/2	7/8	.968	1/2	1	1 3/4	2 3/8	6 15/32
2	1	3/4-16	7/8-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	1/4	3/4	1 7/8	2 3/8	6 39/64
	1 3/8	1-14	1 1/4-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	3/8	1	2 1/8	2 5/8	6 55/64
2 1/2	1	3/4-16	7/8-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	1/4	3/4	2 1/16	2 3/8	6 47/64
	1 3/8	1-14	1 1/4-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	3/8	1	2 5/16	2 5/8	6 63/64
3 1/4	1 3/8	1-14	1 1/4-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	1/4	7/8	2 5/16	2 3/4	7 57/64
	1 3/4	1 1/4-12	1 1/2-12	2	3	2.374	3/4	1 1/2	1.703	3/8	1 1/8	2 9/16	3	8 9/64
4	1 3/4	1 1/4-12	1 1/2-12	2	2	2.374	3/4	1 1/2	1.703	1/4	1	2 3/4	3	8 25/64
	2	1 1/2-12	1 3/4-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	1/4	1 1/8	2 7/8	3 1/8	8 33/64
5	2	1 1/2-12	1 3/4-12	2 1/4	2 1/4	2.624	7/8	1 11/16	1.953	1/4	1 1/8	2 7/8	3 1/8	9 15/64
	2 1/2	1 7/8-12	2 1/4-12	3	4 1/2	3.124	1	2 1/16	2.453	3/8	1 3/8	3 1/8	3 3/8	9 31/64
6	2 1/2	1 7/8-12	2 1/4-12	3	3	3.124	1	2 1/16	2.453	1/4	1 1/4	3 3/8	3 1/2	10 21/32
	3 1/2	2 1/2-12	3 1/4-12	3 1/2	6 1/2	4.249	1	3	3.437	1/4	1 1/4	3 3/8	3 1/2	10 21/32
8	3 1/2	2 1/2-12	3 1/4-12	3 1/2	3 1/2	4.249	1	3	3.437	1/4	1 1/4	3 5/8	3 15/16	13 1/8
	4	3-12	3 3/4-12	4	7 1/2	4.749	1	3 3/8	3.937	1/4	1 1/4	3 5/8	3 15/16	13 1/8
	5 1/2	4-12	5 1/4-12	5 1/2	10	6.249	1	4 5/8	5.421	1/4	1 1/4	3 5/8	3 15/16	13 1/8

PENINSULAR CYLINDER CO.

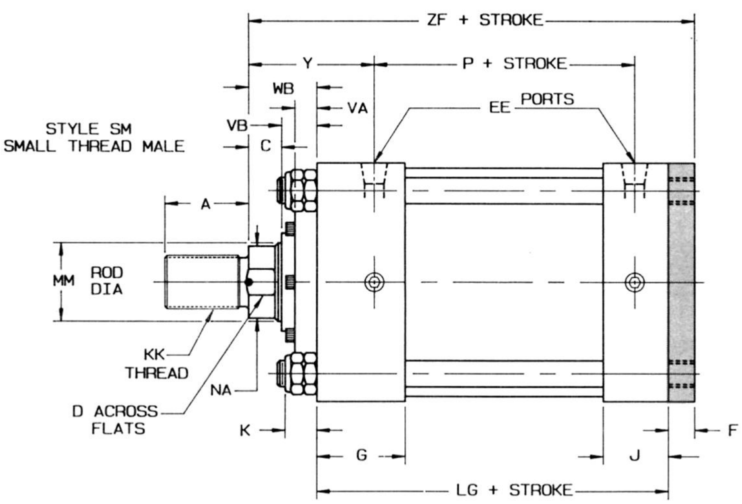
1 1/2" THRU 4" BORE WITH MAX. O/S RODS



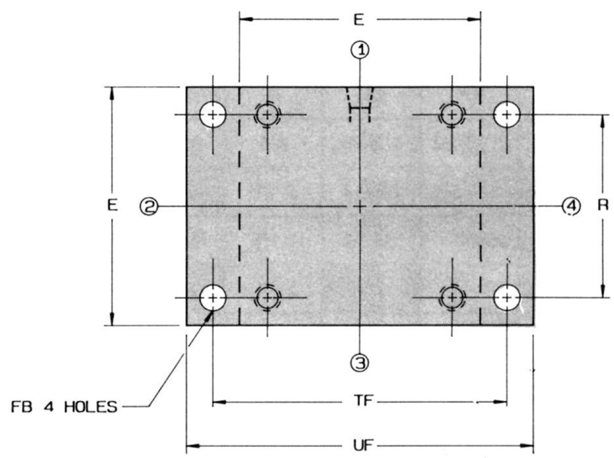
Note:
Check for Operating Pressure Limitations on this Mount. See Page 41.



1 1/2" THRU 8" CYLINDER BORE



NOTE:
Head end cushions on 1 1/2", 2" and 2 1/2" bores with max. O/S rods are non-adjustable.

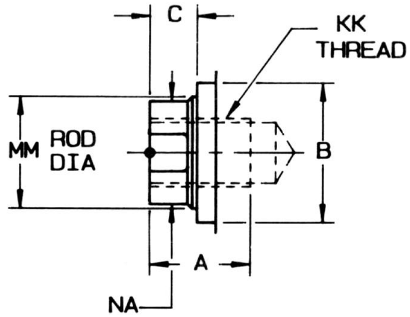


ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

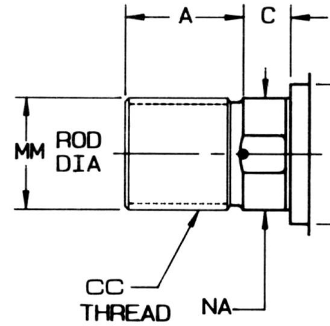
CYL. BORE	E	EE(NPTF)	F	FB (hole)	G	J	K	LG	P	R	TF	UF
1 1/2	2 1/2	1/2	3/8	7/16	1 3/4	1 1/2	15/32	4 5/8	2 7/8	1.63	3 7/16	4 1/4
2	3	1/2	5/8	9/16	1 3/4	1 1/2	39/64	4 5/8	2 7/8	2.05	4 1/8	5 1/8
2 1/2	3 1/2	1/2	5/8	9/16	1 3/4	1 1/2	39/64	4 3/4	3	2.55	4 5/8	5 5/8
3 1/4	4 1/2	3/4	3/4	11/16	2	1 3/4	49/64	5 1/2	3 1/2	3.25	5 7/8	7 1/8
4	5	3/4	7/8	11/16	2	1 3/4	49/64	5 3/4	3 3/4	3.82	6 3/8	7 5/8
5	6 1/2	3/4	7/8	15/16	2	1 3/4	63/64	6 1/4	4 1/4	4.95	8 3/16	9 3/4
6	7 1/2	1	1	1 1/16	2 1/4	2 1/4	1 1/32	7 3/8	4 7/8	5.73	9 7/16	11 1/4
7	8 1/2	1 1/4	1	1 3/16	2 3/4	2 3/4	1 3/16	8 1/2	5 3/8	6.58	10 5/8	12 5/8
8	9 1/2	1 1/2	1	1 5/16	3	3	1 3/8	9 1/2	6 1/8	7.50	11 13/16	14

PENINSULAR CYLINDER CO.

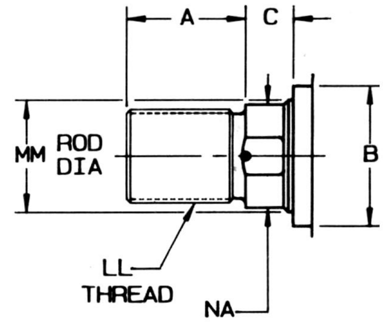
STYLE SF SHORT FEMALE



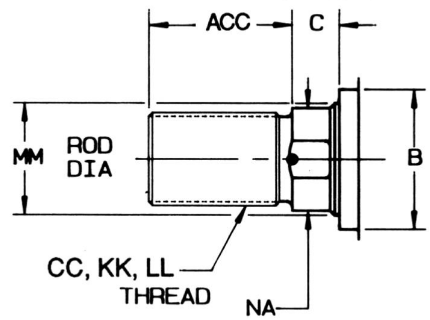
STYLE FM FULL THREAD MALE



STYLE IM INTERMED. THREAD MALE



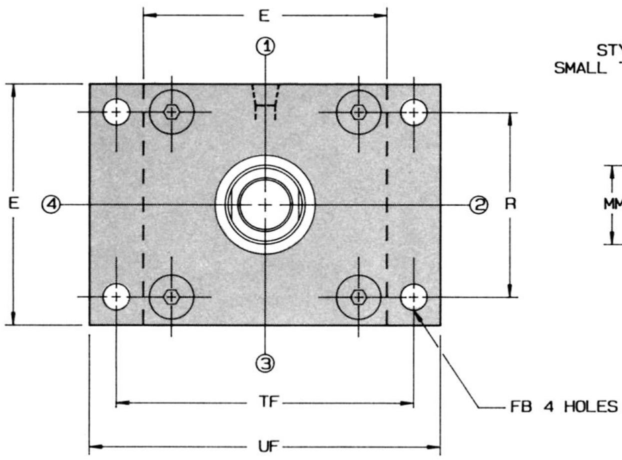
CHRYSLER STYLE "B" ROD END

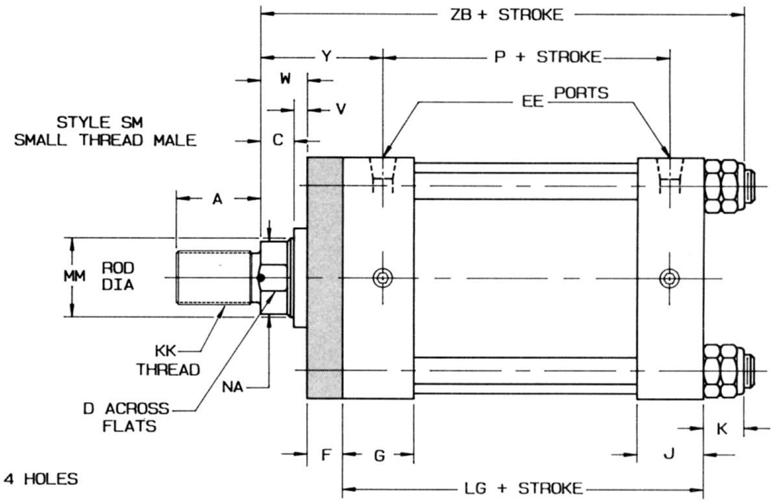


Cyl. Bore	Rod Dia. (mm)	Thread			Rod End Dimensions and Mounting Dimensions Affected by Rod Size												
		KK	LL	CC	A	ACC	B +.000 −.002	C	D	NA	V	VA	VB	W	WB	Y	ZF
1 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 1/8	1.124	3/8	1/2	.593	-	1/4	5/8	-	1	2	6
	1	3/4-16	7/8-14	1-14	1 1/8	1 1/8	1.499	1/2	7/8	.968	1/2	-	-	1	-	2 3/8	6 3/8
2	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	-	3/8	7/8	-	1 3/8	2 3/8	6 5/8
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	3/8	-	-	1	-	2 5/8	6 7/8
2 1/2	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	-	3/8	7/8	-	1 3/8	2 3/8	6 3/4
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	-	3/8	1	-	1 5/8	2 5/8	7
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	1/2	-	-	1 1/4	-	2 7/8	7 1/4
3 1/4	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	-	3/8	1	-	1 5/8	2 3/4	7 7/8
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	-	3/8	1 1/8	-	1 7/8	3	8 1/8
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	3/8	-	-	1 1/4	-	3 1/8	8 1/4
4	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	2	2.374	3/4	1 1/2	1.703	-	3/8	1 1/8	-	1 7/8	3	8 1/2
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	3/8	1 1/8	-	2	3 1/8	8 5/8
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	3/8	-	-	1 3/8	-	3 3/8	8 7/8
5	2	1 1/2-12	1 3/4-12	2-12	2 1/4	2 1/4	2.624	7/8	1 11/16	1.953	-	3/8	1 1/8	-	2	3 1/8	9 1/8
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	-	3/8	1 1/4	-	2 1/4	3 3/8	9 3/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 3/8	9 3/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 3/8	9 3/8
6	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	3	3.124	1	2 1/16	2.453	-	3/8	1 1/4	-	2 1/4	3 1/2	10 5/8
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 1/2	10 5/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 1/2	10 5/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	1/2	1 1/4	-	2 1/4	3 1/2	10 5/8
7	3	2 1/4-12	2 3/4-12	3-12	3 1/2	3 1/2	3.749	1	2 5/8	2.937	-	3/8	1 1/4	-	2 1/4	3 13/16	11 3/4
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 13/16	11 3/4
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	1/2	1 1/4	-	2 1/4	3 13/16	11 3/4
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	-	1/2	1 1/4	-	2 1/4	3 13/16	11 3/4
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	-	1/2	1 1/4	-	2 1/4	3 13/16	11 3/4
8	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	3 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 15/16	12 3/4
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	1/2	1 1/4	-	2 1/4	3 15/16	12 3/4
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	-	1/2	1 1/4	-	2 1/4	3 15/16	12 3/4
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	-	1/2	1 1/4	-	2 1/4	3 15/16	12 3/4
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	1	4 5/8	5.421	-	1/2	1 1/4	-	2 1/4	3 15/16	12 3/4

1 1/2" THRU 4" CYLINDER BORE

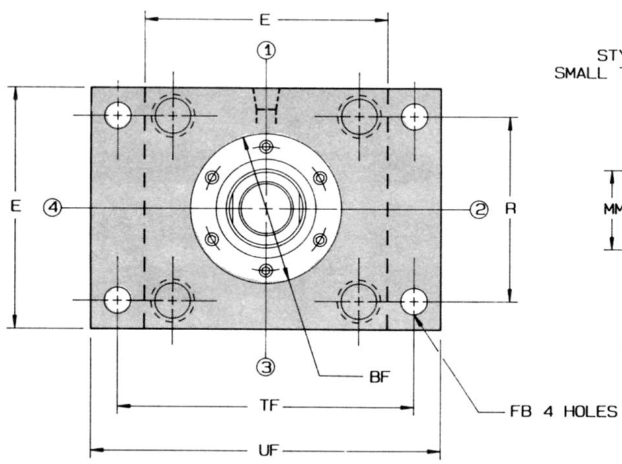
Note:
Check for Operating Pressure Limitations on this Mount. See Page 41.

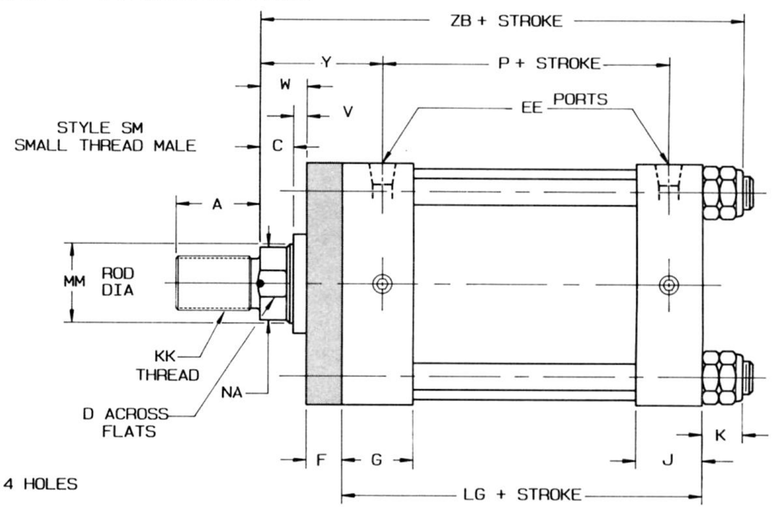




NOTE:
Head end cushions on 1 1/2", 2" and 2 1/2" bores with max. O/S rods are non-adjustable

5" THRU 8" CYLINDER BORE



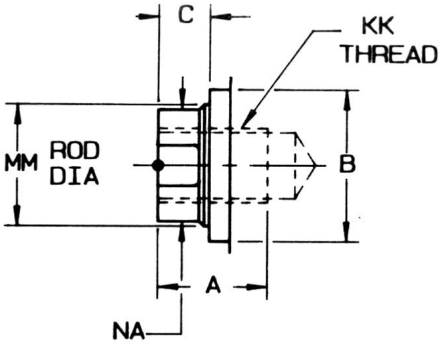


ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

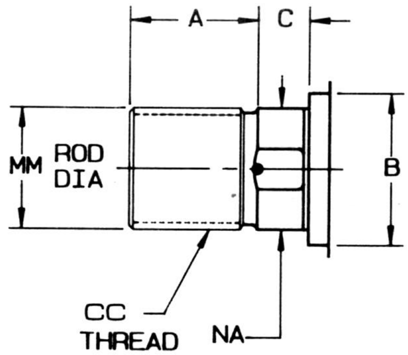
CYL. BORE	E	EE(NPTF)	F	FB (hole)	G	J	K	LG	P	R	TF	UF
1 1/2	2 1/2	1/2	3/8	7/16	1 3/4	1 1/2	15/32	4 5/8	2 7/8	1.63	3 7/16	4 1/4
2	3	1/2	5/8	9/16	1 3/4	1 1/2	39/64	4 5/8	2 7/8	2.05	4 1/8	5 1/8
2 1/2	3 1/2	1/2	5/8	9/16	1 3/4	1 1/2	39/64	4 3/4	3	2.55	4 5/8	5 5/8
3 1/4	4 1/2	3/4	3/4	11/16	2	1 3/4	49/64	5 1/2	3 1/2	3.25	5 7/8	7 1/8
4	5	3/4	7/8	11/16	2	1 3/4	49/64	5 3/4	3 3/4	3.82	6 3/8	7 5/8
5	6 1/2	3/4	7/8	15/16	2	1 3/4	63/64	6 1/4	4 1/4	4.95	8 3/16	9 3/4
6	7 1/2	1	1	1 1/16	2 1/4	2 1/4	1 1/32	7 3/8	4 7/8	5.73	9 7/16	11 1/4
7	8 1/2	1 1/4	1	1 3/16	2 3/4	2 3/4	1 3/16	8 1/2	5 3/8	6.58	10 5/8	12 5/8
8	9 1/2	1 1/2	1	1 5/16	3	3	1 3/8	9 1/2	6 1/8	7.50	11 13/16	14

PENINSULAR CYLINDER CO.

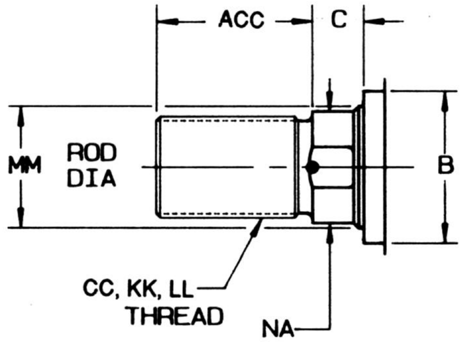
STYLE SF SHORT FEMALE



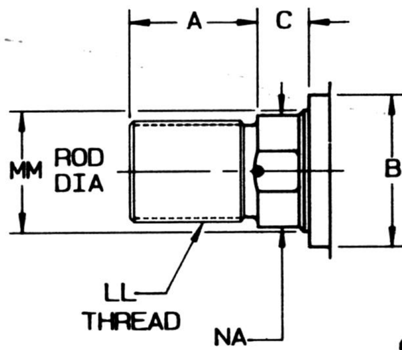
STYLE FM FULL THREAD MALE



CHRYSLER STYLE "B" ROD END



STYLE IM INTERMED. THREAD MALE



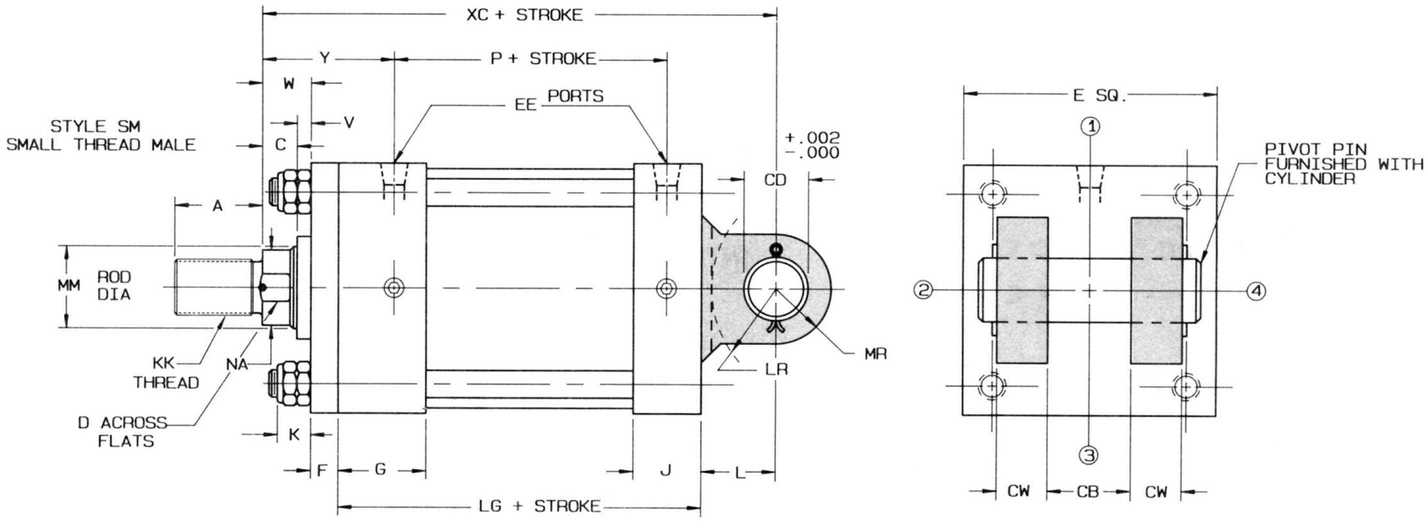
CHRYSLER DIMENSIONS SHOWN HIGH-LIGHTED

Cyl. Bore	Rod Dia. (mm)	Thread			Rod End Dimensions and Mounting Dimensions Affected by Rod Size										
		KK	LL	CC	A	ACC	B $^{+.000}_{-.002}$	BF	C	D	NA	V	W	Y	ZB
1 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 1/8	1.124	-	3/8	1/2	.593	1/4	5/8	2	6 3/32
	1	3/4-16	7/8-14	1-14	1 1/8	1 1/8	1.499	-	1/2	7/8	.968	1/2	1	2 3/8	6 15/32
2	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	-	1/2	7/8	.968	1/4	3/4	2 3/8	6 39/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	1 5/8	1.999	-	5/8	1 1/8	1.343	3/8	1	2 5/8	6 55/64
2 1/2	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	-	1/2	7/8	.968	1/4	3/4	2 3/8	6 47/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	1 5/8	1.999	-	5/8	1 1/8	1.343	3/8	1	2 5/8	6 63/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	-	3/4	1 1/2	1.703	1/2	1 1/4	2 7/8	7 15/64
3 1/4	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	1 5/8	1.999	-	5/8	1 1/8	1.343	1/4	7/8	2 3/4	7 57/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	-	3/4	1 1/2	1.703	3/8	1 1/8	3	8 9/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	-	7/8	1 11/16	1.953	3/8	1 1/4	3 1/8	8 17/64
4	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	2	2.374	-	3/4	1 1/2	1.703	1/4	1	3	8 25/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	-	7/8	1 11/16	1.953	1/4	1 1/8	3 1/8	8 33/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	-	1	2 1/16	2.453	3/8	1 3/8	3 3/8	8 49/64
5	2	1 1/2-12	1 3/4-12	2-12	2 1/4	2 1/4	2.624	4 1/4	7/8	1 11/16	1.953	1/4	1 1/8	3 1/8	9 15/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	4 5/8	1	2 1/16	2.453	3/8	1 3/8	3 3/8	9 31/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5 1/8	1	2 5/8	2.937	3/8	1 3/8	3 3/8	9 31/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5 9/16	1	3	3.437	3/8	1 3/8	3 3/8	9 31/64
6	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	3	3.124	4 5/8	1	2 1/16	2.453	1/4	1 1/4	3 1/2	10 21/32
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	5 1/8	1	2 5/8	2.937	1/4	1 1/4	3 1/2	10 21/32
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5 9/16	1	3	3.437	1/4	1 1/4	3 1/2	10 21/32
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6 1/2	1	3 3/8	3.937	1/4	1 1/4	3 1/2	10 21/32
7	3	2 1/4-12	2 3/4-12	3-12	3 1/2	3 1/2	3.749	5 1/8	1	2 5/8	2.937	1/4	1 1/4	3 13/16	11 15/16
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	5 9/16	1	3	3.437	1/4	1 1/4	3 13/16	11 15/16
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6 1/2	1	3 3/8	3.937	1/4	1 1/4	3 13/16	11 15/16
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	7 1/4	1	3 7/8	4.421	1/4	1 1/4	3 13/16	11 15/16
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7 3/4	1	4 1/4	4.921	1/4	1 1/4	3 13/16	11 15/16
8	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	3 1/2	4.249	5 9/16	1	3	3.437	1/4	1 1/4	3 15/16	13 1/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	6 1/2	1	3 3/8	3.937	1/4	1 1/4	3 15/16	13 1/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	7 1/4	1	3 7/8	4.421	1/4	1 1/4	3 15/16	13 1/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	7 3/4	1	4 1/4	4.921	1/4	1 1/4	3 15/16	13 1/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	8 1/4	1	4 5/8	5.421	1/4	1 1/4	3 15/16	13 1/8

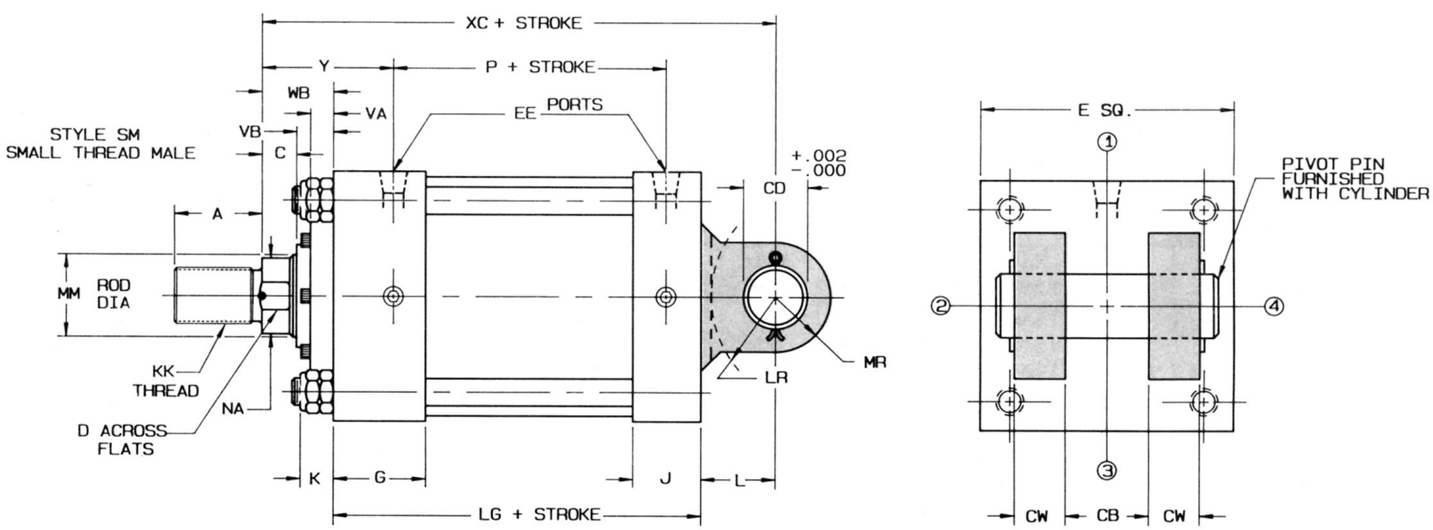
MMHC-535 Cap Fixed Clevis (MP1)

PENINSULAR CYLINDER CO.

1 1/2" & 2" BORE WITH O/S RODS



1 1/2" THRU 8" CYLINDER BORE

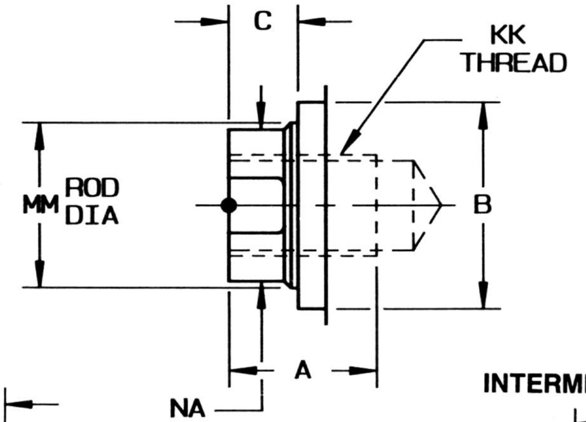


ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

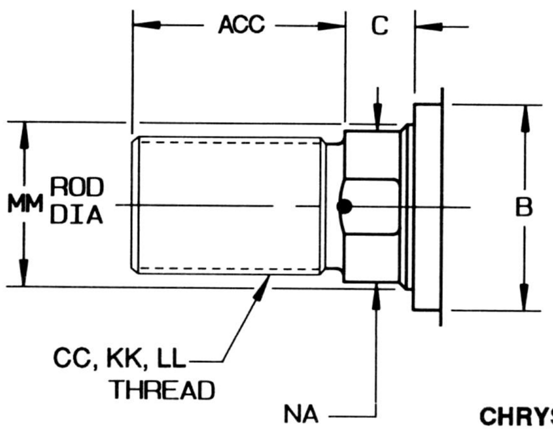
CYL. BORE	CB	CD (hole)	CW	E	EE (NPTF)	F	G	J	K	L	LG	LR	MR	P
1 1/2	3/4	.500	1/2	2 1/2	1/2	3/8	1 3/4	1 1/2	15/32	3/4	4 5/8	9/16	1/2	2 7/8
2	1 1/4	.750	5/8	3	1/2	5/8	1 3/4	1 1/2	39/64	1 1/4	4 5/8	15/16	3/4	2 7/8
2 1/2	1 1/4	.750	5/8	3 1/2	1/2	5/8	1 3/4	1 1/2	39/64	1 1/4	4 3/4	15/16	3/4	3
3 1/4	1 1/2	1.000	3/4	4 1/2	3/4	3/4	2	1 3/4	49/64	1 1/2	5 1/2	1 3/16	1	3 1/2
4	2	1.375	1	5	3/4	7/8	2	1 3/4	49/64	2 1/8	5 3/4	1 3/4	1 3/8	3 3/4
5	2 1/2	1.750	1 1/4	6 1/2	3/4	7/8	2	1 3/4	63/64	2 1/4	6 1/4	1 5/16	1 3/4	4 1/4
6	2 1/2	2.000	1 1/4	7 1/2	1	1	2 1/4	2 1/4	1 1/32	2 1/2	7 3/8	2 3/16	2	4 7/8
8	3	3.000	1 1/2	9 1/2	1 1/2	1	3	3	1 3/8	3 1/4	9 1/2	3 1/4	2 3/4	6 1/8

PENINSULAR CYLINDER CO.

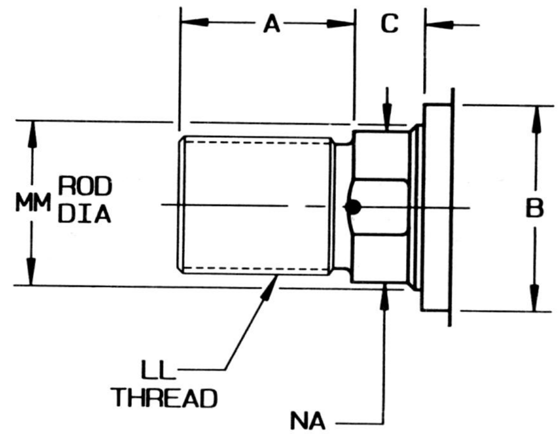
STYLE SF SHORT FEMALE



CHRYSLER STYLE "B" ROD END



STYLE IM INTERMEDIATE THREAD MALE



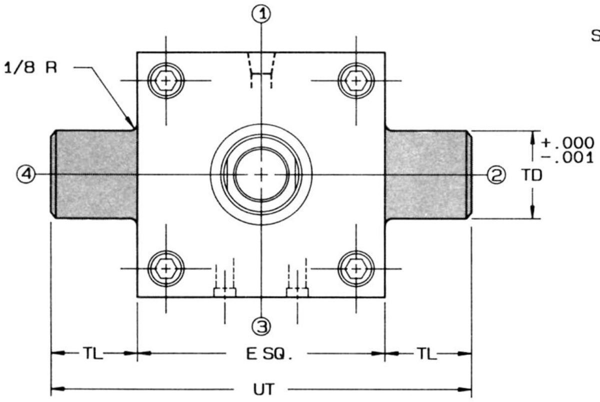
CHRYSLER DIMENSIONS SHOWN HIGH-LIGHTED

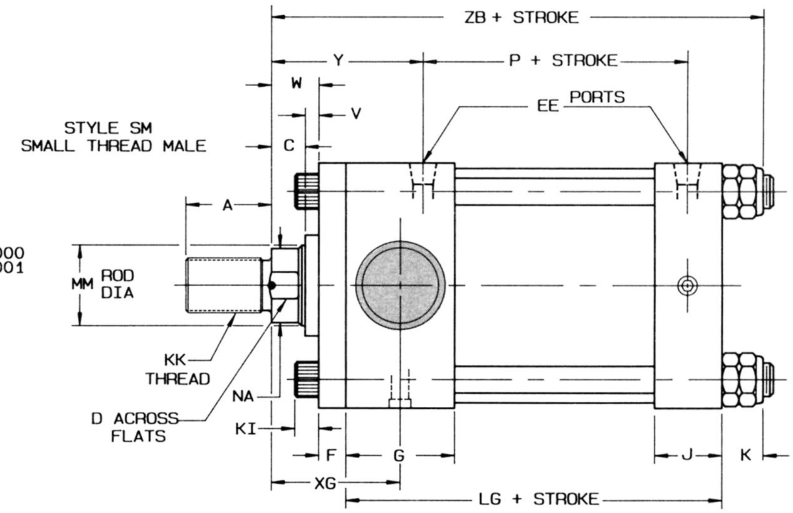
CYL. BORE	ROD DIA.	THREAD		ROD END DIMENSIONS & MOUNTING DIMENSIONS AFFECTED BY ROD SIZE												
	MM	KK	LL	A	ACC	B $^{+.000}_{-.002}$	C	D	NA	V	VA	VB	W	WB	Y	XC
1 1/2	5/8	7/16-20	1/2-20	3/4	1 1/8	1.124	3/8	1/2	.593	-	1/4	5/8	-	1	2	6 3/8
	1	3/4-16	7/8-14	1 1/8	1 1/8	1.499	1/2	7/8	.968	1/2	-	-	1	-	2 3/8	6 3/4
2	1	3/4-16	7/8-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	-	3/8	7/8	-	1 3/8	2 3/8	7 1/4
	1 3/8	1-14	1 1/4-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	3/8	-	-	1	-	2 5/8	7 1/2
2 1/2	1	3/4-16	7/8-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	-	3/8	7/8	-	1 3/8	2 3/8	7 3/8
	1 3/8	1-14	1 1/4-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	-	3/8	1	-	1 5/8	2 5/8	7 5/8
3 1/4	1 3/8	1-14	1 1/4-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	-	3/8	1	-	1 5/8	2 3/4	8 5/8
	1 3/4	1 1/4-12	1 1/2-12	2	3	2.374	3/4	1 1/2	1.703	-	3/8	1 1/8	-	1 7/8	3	8 7/8
4	1 3/4	1 1/4-12	1 1/2-12	2	2	2.374	3/4	1 1/2	1.703	-	3/8	1 1/8	-	1 7/8	3	9 3/4
	2	1 1/2-12	1 3/4-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	-	3/8	1 1/8	-	2	3 1/8	9 7/8
5	2	1 1/2-12	1 3/4-12	2 1/4	2 1/4	2.624	7/8	1 11/16	1.953	-	3/8	1 1/8	-	2	3 1/8	10 1/2
	2 1/2	1 7/8-12	2 1/4-12	3	4 1/2	3.124	1	2 1/16	2.453	-	3/8	1 1/4	-	2 1/4	3 3/8	10 3/4
6	2 1/2	1 7/8-12	2 1/4-12	3	3	3.124	1	2 1/16	2.453	-	3/8	1 1/4	-	2 1/4	3 1/2	12 1/8
	3 1/2	2 1/2-12	3 1/4-12	3 1/2	6 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 1/2	12 1/8
8	3 1/2	2 1/2-12	3 1/4-12	3 1/2	3 1/2	4.249	1	3	3.437	-	3/8	1 1/4	-	2 1/4	3 15/16	15
	4	3-12	3 3/4-12	4	7 1/2	4.749	1	3 3/8	3.937	-	1/2	1 1/4	-	2 1/4	3 15/16	15
	5 1/2	4-12	5 1/4-12	5 1/2	10	6.249	1	4 5/8	5.421	-	1/2	1 1/4	-	2 1/4	3 15/16	15

MMHC-545 Head Trunnion (MT1)

PENINSULAR CYLINDER CO.

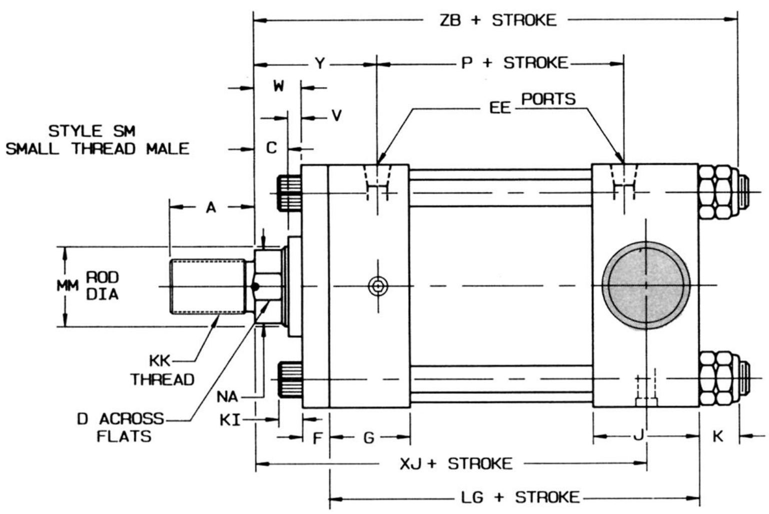
1 1/2" THRU 8" CYLINDER BORE

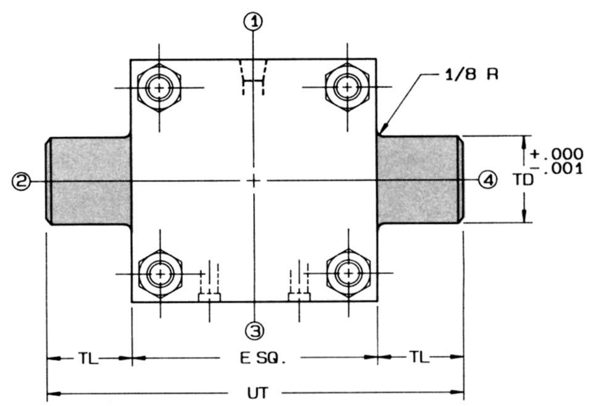




MMHC-565 Cap Trunnion (MT2)

1 1/2" THRU 8" CYLINDER BORE



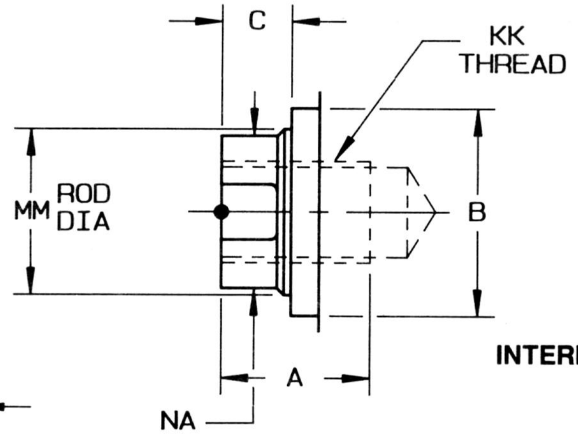


ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

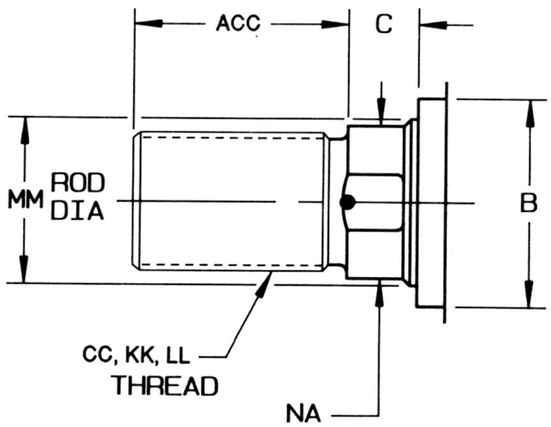
CYL. BORE	E	EE (NPTF)	F	G	J	K	Ki	LG	P	TD	TL	UT
1 1/2	2 1/2	1/2	3/8	1 3/4	1 1/2	15/32	3/8	4 5/8	2 7/8	1.000	1	4 1/2
2	3	1/2	5/8	1 3/4	1 1/2	39/64	1/2	4 5/8	2 7/8	1.375	1 3/8	5 3/4
2 1/2	3 1/2	1/2	5/8	1 3/4	1 1/2	39/64	1/2	4 3/4	3	1.375	1 3/8	6 1/4
3 1/4	4 1/2	3/4	3/4	2	1 3/4	49/64	5/8	5 1/2	3 1/2	1.750	1 3/4	8
4	5	3/4	7/8	2	1 3/4	49/64	5/8	5 3/4	3 3/4	1.750	1 3/4	8 1/2
5	6 1/2	3/4	7/8	2	1 3/4	63/64	7/8	6 1/4	4 1/4	1.750	1 3/4	10
6	7 1/2	1	1	2 1/4	2 1/4	1 1/32	1	7 3/8	4 7/8	2.000	2	11 1/2
8	9 1/2	1 1/2	1	3	3	1 3/8	1 1/4	9 1/2	6 1/8	3.000	3	15 1/2

PENINSULAR CYLINDER CO.

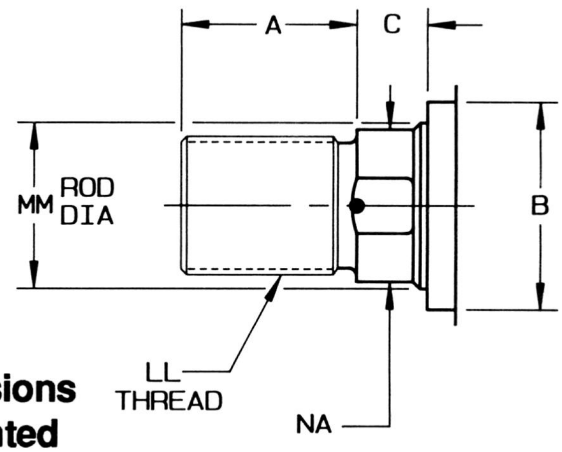
STYLE SF
SHORT FEMALE



CHRYSLER STYLE "B" ROD END



STYLE IM
INTERMEDIATE THREAD MALE



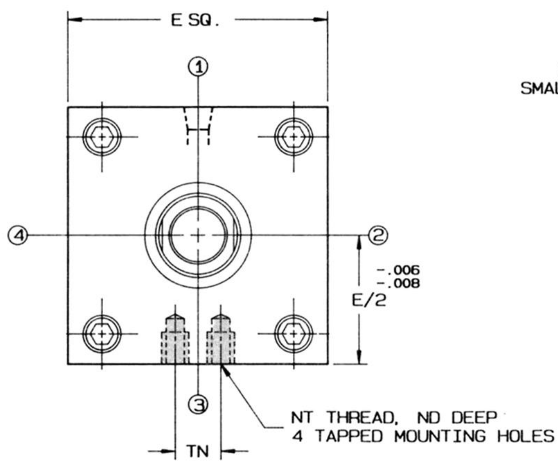
Chrysler Dimensions Shown High-lighted

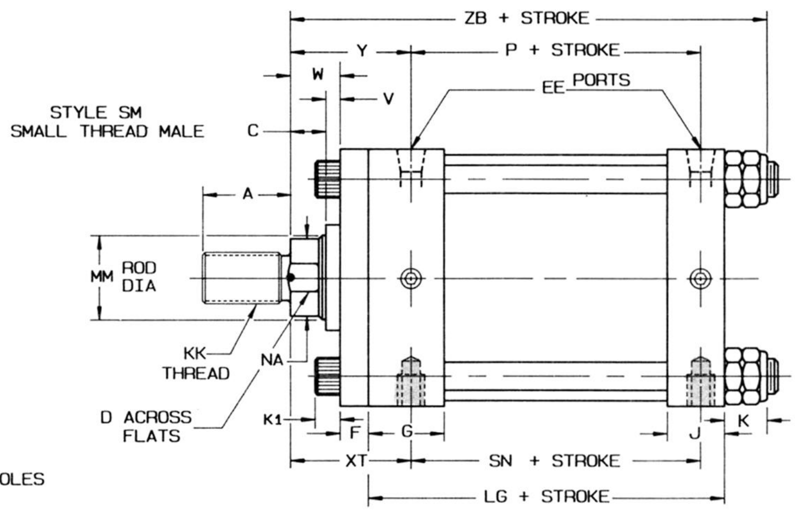
CYL. BORE	ROD DIA.	THREAD		ROD END DIMENSIONS AND MOUNTING DIMENSIONS AFFECTED BY ROD SIZE											
	MM	KK	LL	A	ACC	B +.000 −.002	C	D	NA	V	W	XG	XJ	Y	ZB
1 1/2	5/8	7/16-20	1/2-20	3/4	1 1/8	1.124	3/8	1/2	.593	1/4	5/8	1 7/8	4 7/8	2	6 3/32
	1	3/4-16	7/8-14	1 1/8	1 1/8	1.499	1/2	7/8	.968	1/2	1	2 1/4	5 1/4	2 3/8	6 15/32
2	1	3/4-16	7/8-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	1/4	3/4	2 1/4	5 1/4	2 3/8	6 39/64
	1 3/8	1-14	1 1/4-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	3/8	1	2 1/2	5 1/2	2 5/8	6 55/64
2 1/2	1	3/4-16	7/8-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	1/4	3/4	2 1/4	5 3/8	2 3/8	6 47/64
	1 3/8	1-14	1 1/4-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	3/8	1	2 1/2	5 5/8	2 5/8	6 63/64
3 1/4	1 3/8	1-14	1 1/4-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	1/4	7/8	2 5/8	6 1/4	2 3/4	7 57/64
	1 3/4	1 1/4-12	1 1/2-12	2	3	2.374	3/4	1 1/2	1.703	3/8	1 1/8	2 7/8	6 1/2	3	8 9/64
4	1 3/4	1 1/4-12	1 1/2-12	2	2	2.374	3/4	1 1/2	1.703	1/4	1	2 7/8	6 3/4	3	8 25/64
	2	1 1/2-12	1 3/4-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	1/4	1 1/8	3	6 7/8	3 1/8	8 33/64
5	2	1 1/2-12	1 3/4-12	2 1/4	2 1/4	2.624	7/8	1 11/16	1.953	1/4	1 1/8	3	7 3/8	3 1/8	9 15/64
	2 1/2	1 7/8-12	2 1/4-12	3	4 1/2	3.124	1	2 1/16	2.453	3/8	1 3/8	3 1/4	7 5/8	3 3/8	9 31/64
6	2 1/2	1 7/8-12	2 1/4-12	3	3	3.124	1	2 1/16	2.453	1/4	1 1/4	3 3/8	8 1/2	3 1/2	10 21/32
	3 1/2	2 1/2-12	3 1/4-12	3 1/2	6 1/2	4.249	1	3	3.437	1/4	1 1/4	3 3/8	8 1/2	3 1/2	10 21/32
8	3 1/2	2 1/2-12	3 1/4-12	3 1/2	3 1/2	4.249	1	3	3.437	1/4	1 1/4	3 3/4	10 1/4	3 15/16	13 1/8
	4	3-12	3 3/4-12	4	7 1/2	4,749	1	3 3/8	3.937	1/4	1 1/4	3 3/4	10 1/4	3 15/16	13 1/8
	5 1/2	4-12	5 1/4-12	5 1/2	10	6.249	1	4 5/8	5.421	1/4	1 1/4	3 3/4	10 1/4	3 15/16	13 1/8

MMHC-555 Side Tapped (MS4)

PENINSULAR CYLINDER CO.

1 1/2" THRU 8" CYLINDER BORE





Note:

For maximum thrust conditions using this mount, use of a "K" retainer to absorb shear loads is recommended. Add a "K" suffix to Model No.

NOTE:

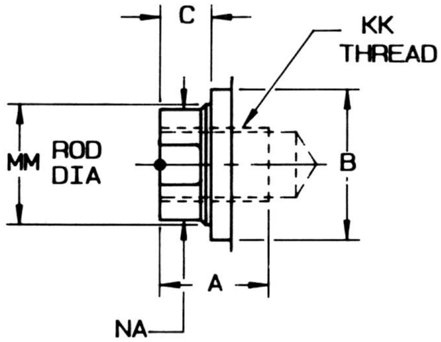
Head end cushions on 1 1/2", 2" and 2 1/2" bores with max. O/S rods are non-adjustable.

ENVELOPE AND MOUNTING DIMENSIONS NOT AFFECTED BY ROD SIZE

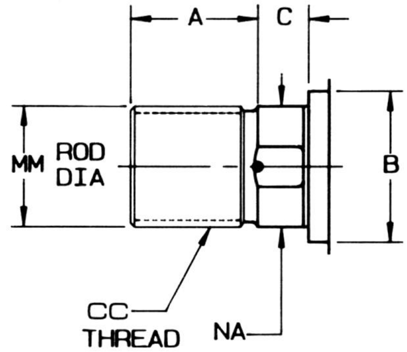
CYL. BORE	E	EE (NPTF)	F	G	J	K	K1	LG	NT	P	SN	TN
1 1/2	2 1/2	1/2	3/8	1 3/4	1 1/2	15/32	3/8	4 5/8	3/8-16	2 7/8	2 7/8	3/4
2	3	1/2	5/8	1 3/4	1 1/2	39/64	1/2	4 5/8	1/2-13	2 7/8	2 7/8	15/16
2 1/2	3 1/2	1/2	5/8	1 3/4	1 1/2	39/64	1/2	4 3/4	5/8-11	3	3	1 5/16
3 1/4	4 1/2	3/4	3/4	2	1 3/4	49/64	5/8	5 1/2	3/4-10	3 1/2	3 1/2	1 1/2
4	5	3/4	7/8	2	1 3/4	49/64	5/8	5 3/4	1-8	3 3/4	3 3/4	2 1/16
5	6 1/2	3/4	7/8	2	1 3/4	63/64	7/8	6 1/4	1-8	4 1/4	4 1/4	2 15/16
6	7 1/2	1	1	2 1/4	2 1/4	1 1/32	1	7 3/8	1 1/4-7	4 7/8	5 1/8	3 5/16
7	8 1/2	1 1/4	1	2 3/4	2 3/4	1 3/16	1 1/8	8 1/2	1 1/2-6	5 3/8	5 7/8	3 3/4
8	9 1/2	1 1/2	1	3	3	1 3/8	1 1/4	9 1/2	1 1/2-6	6 1/8	6 5/8	4 1/4

PENINSULAR
CYLINDER CO.

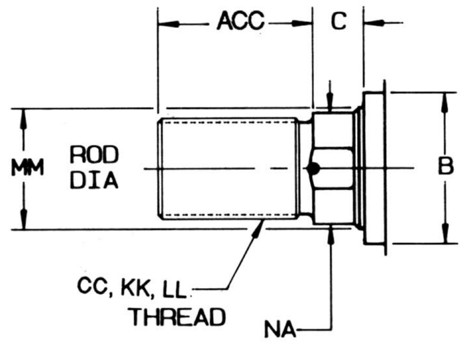
STYLE SF
SHORT FEMALE



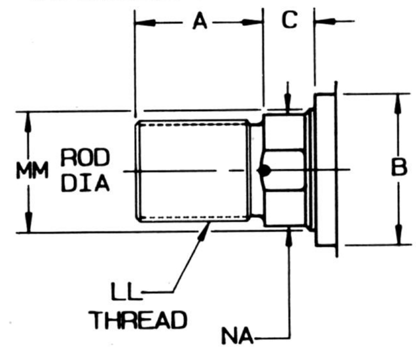
STYLE FM
FULL THREAD MALE



CHRYSLER
STYLE "B" ROD END



STYLE IM
INTERMED. THREAD MALE



CHRYSLER DIMENSIONS
SHOWN HIGH-LIGHTED

Cyl. Bore	Rod Dia. (mm)	Thread			Rod End Dimensions and Mounting Dimensions Affected by Rod Size											
		KK	LL	CC	A	ACC	B $^{+.000}_{-.002}$	C	D	NA	ND	V	W	XT	Y	ZB
1 1/2	5/8	7/16-20	1/2-20	5/8-18	3/4	1 1/8	1.124	3/8	1/2	.593	3/8	1/4	5/8	2	2	6 3/32
	1	3/4-16	7/8-14	1-14	1 1/8	1 1/8	1.499	1/2	7/8	.968	3/8	1/2	1	2 3/8	2 3/8	6 15/32
2	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	3/8	1/4	3/4	2 3/8	2 3/8	6 39/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	3/8	3/8	1	2 5/8	2 5/8	6 55/64
2 1/2	1	3/4-16	7/8-14	1-14	1 1/8	1 7/8	1.499	1/2	7/8	.968	1/2	1/4	3/4	2 3/8	2 3/8	6 47/64
	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	1/2	3/8	1	2 5/8	2 5/8	6 63/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	1/2	1/2	1 1/4	2 7/8	2 7/8	7 15/64
3 1/4	1 3/8	1-14	1 1/4-12	1 3/8-12	1 5/8	1 5/8	1.999	5/8	1 1/8	1.343	3/4	1/4	7/8	2 3/4	2 3/4	7 57/64
	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	3	2.374	3/4	1 1/2	1.703	3/4	3/8	1 1/8	3	3	8 9/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	3/4	3/8	1 1/4	3 1/8	3 1/8	8 17/64
4	1 3/4	1 1/4-12	1 1/2-12	1 3/4-12	2	2	2.374	3/4	1 1/2	1.703	3/4	1/4	1	3	3	8 25/64
	2	1 1/2-12	1 3/4-12	2-12	2 1/4	3 1/2	2.624	7/8	1 11/16	1.953	3/4	1/4	1 1/8	3 1/8	3 1/8	8 33/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	3/4	3/8	1 3/8	3 3/8	3 3/8	8 49/64
5	2	1 1/2-12	1 3/4-12	2-12	2 1/4	2 1/4	2.624	7/8	1 11/16	1.953	1	1/4	1 1/8	3 1/8	3 1/8	9 15/64
	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	4 1/2	3.124	1	2 1/16	2.453	1	3/8	1 3/8	3 3/8	3 3/8	9 31/64
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	1	3/8	1 3/8	3 3/8	3 3/8	9 31/64
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	1	3/8	1 3/8	3 3/8	3 3/8	9 31/64
6	2 1/2	1 7/8-12	2 1/4-12	2 1/2-12	3	3	3.124	1	2 1/16	2.453	1 1/8	1/4	1 1/4	3 1/2	3 1/2	10 21/32
	3	2 1/4-12	2 3/4-12	3-12	3 1/2	5 1/2	3.749	1	2 5/8	2.937	1 1/8	1/4	1 1/4	3 1/2	3 1/2	10 21/32
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	1 1/8	1/4	1 1/4	3 1/2	3 1/2	10 21/32
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	1 1/8	1/4	1 1/4	3 1/2	3 1/2	10 21/32
7	3	2 1/4-12	2 3/4-12	3-12	3 1/2	3 1/2	3.749	1	2 5/8	2.937	1 1/4	1/4	1 1/4	3 13/16	3 13/16	11 15/16
	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	6 1/2	4.249	1	3	3.437	1 1/4	1/4	1 1/4	3 13/16	3 13/16	11 15/16
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	1 1/4	1/4	1 1/4	3 13/16	3 13/16	11 15/16
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	1 1/4	1/4	1 1/4	3 13/16	3 13/16	11 15/16
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	1 1/4	1/4	1 1/4	3 13/16	3 13/16	11 15/16
8	3 1/2	2 1/2-12	3 1/4-12	3 1/2-12	3 1/2	3 1/2	4.249	1	3	3.437	1 1/4	1/4	1 1/4	3 15/16	3 15/16	13 1/8
	4	3-12	3 3/4-12	4-12	4	7 1/2	4.749	1	3 3/8	3.937	1 1/4	1/4	1 1/4	3 15/16	3 15/16	13 1/8
	4 1/2	3 1/4-12	4 1/4-12	4 1/2-12	4 1/2	8 1/4	5.249	1	3 7/8	4.421	1 1/4	1/4	1 1/4	3 15/16	3 15/16	13 1/8
	5	3 1/2-12	4 3/4-12	5-12	5	9	5.749	1	4 1/4	4.921	1 1/4	1/4	1 1/4	3 15/16	3 15/16	13 1/8
	5 1/2	4-12	5 1/4-12	5 1/2-12	5 1/2	10	6.249	1	4 5/8	5.421	1 1/4	1/4	1 1/4	3 15/16	3 15/16	13 1/8

General Pressure Rating

PENINSULAR CYLINDER CO.

GENERAL PRESSURE RATING -- 3000 P.S.I.

MOUNTINGS WITH LIMITED PRESSURE RATINGS ARE SHOWN BELOW

MF1 MOUNT

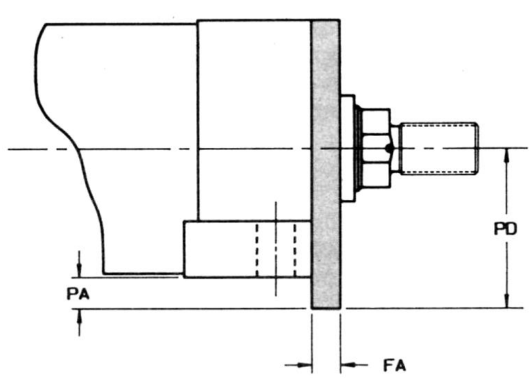
BORE	ROD	MAXIMUM PRESSURE
1.500	.625	2500
	1.000	1500
2.000	1.000	2500
	1.375	1500
2.500	1.000	2500
	1.375	1900
	1.750	1500
3.250	1.375	2500
	1.750	2100
	2.000	1500
4.000	1.750	2500
	2.000	1800
	2.500	1500
5.000	2.000	2200
	2.500	1650
	3.000	1200
	3.500	750
6.000	2.500	1800
	3.000	1450
	3.500	1100
	4.000	750
7.000	3.000	1500
	3.500	1250
	4.000	1000
	4.500	800
	5.000	500
8.000	3.500	900
	4.000	800
	4.500	700
	5.000	600
	5.500	500

MF2 MOUNT

BORE	ROD	MAXIMUM PRESSURE
1.500	.625	3000
	1.000	3000
2.000	1.000	3000
	1.375	3000
2.500	1.000	3000
	1.375	3000
	1.750	3000
3.250	1.375	3000
	1.750	3000
	2.000	3000
4.000	1.750	3000
	2.000	3000
	2.500	3000
5.000	2.000	2000
	2.500	2500
	3.000	2800
	3.500	3000
6.000	2.500	2000
	3.000	2500
	3.500	2800
	4.000	3000
7.000	3.000	1500
	3.500	1700
	4.000	1800
	4.500	1900
	5.000	2000
8.000	3.500	1500
	4.000	1700
	4.500	1800
	5.000	1900
	5.500	2000

Extension Key Retainers

FOR CYLINDERS REQUIRING MAXIMUM PRESSURE, USE ANY OF THE FOLLOWING MOUNT STYLES: ME5, ME6, MF5 OR MF6



EXTENDED KEY RETAINER

MMHC EXTENDED KEY RETAINER DIMENSIONS

BORE	FA +.000/ – .001	PA	PD
1 1/2	.361	3/16	1 7/16
2	.611	5/16	1 13/16
2 1/2	.611	5/16	2 1/16
3 1/4	.736	3/8	2 5/8
4	.861	7/16	2 15/16
5	.861	7/16	3 11/16
6	.986	1/2	4 1/4
7	.986	1/2	4 3/4
8	.986	1/2	5 1/4
10	1.674	27/32	7 5/32
12	1.924	31/32	8 13/32