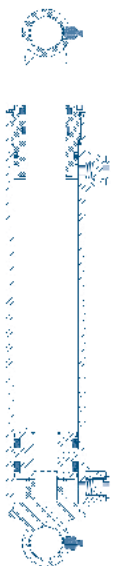


PART NUMBER	CYLINDER BORE	OUTSIDE DIAMETER	ROD DIAMETER	ROD THREAD	*A	B	C	D	*E	F	G	H	I	J	K	L	PORT*
TCL15	1.50"	1.875"	1.00"	0.875-14 UNF	10.25"	1.50"	0.76"	1.62"	4.50"	1.87"	0.87"	1.75"	2.00"	1.62"	0.93"	1.87"	SAE 6
TCL20	2.00"	2.375"	1.12"	1.125-12 UNF	10.25"	2.00"	1.01"	2.12"	3.62"	2.25"	1.12"	2.12"	2.62"	2.12"	0.81"	2.06"	SAE 8
TCL25	2.50"	2.875"	1.25"	1.125-12 UNF	10.25"	2.00"	1.01"	2.12"	3.62"	2.25"	1.12"	2.12"	2.62"	2.12"	0.81"	2.06"	SAE 8
TCL30	3.00"	3.50"	1.50"	1.250-12 UNF	10.25"	2.00"	1.01"	1.87"	3.62"	2.25"	1.12"	2.62"	2.62"	2.12"	0.87"	2.18"	SAE 8
TCL35	3.50"	4.00"	1.75"	1.500-12 UNF	10.25"	2.00"	1.01"	1.87"	3.62"	2.50"	1.12"	2.62"	2.75"	2.12"	0.93"	2.18"	SAE 8
TCL40	4.00"	4.50"	2.00"	1.500-12 UNF	10.25"	2.25"	1.01"	1.75"	3.62"	2.50"	1.12"	2.62"	2.75"	2.12"	1.00"	2.18"	SAE 8

1. FOR 8.00" STROKE : A = 12.25"  
 2. FOR 8.00" STROKE : E = 6.50" (1.50" BORE) E = 5.62" (2.00" TO 4.00" BORE)  
 DIMENSIONS A AND E ARE FOR REFERENCES ONLY AS CLEVIS IS ADJUSTABLE  
 \* NPT PORTS ARE ALSO AVAILABLE  
 MAXIMUM RETRACTED WORKING PRESSURE : 3000 PSI  
 MAXIMUM EXTENDED WORKING PRESSURE : SEE TABLE  
 RETRACTED AND STROKE TOLERANCE ± 1/8"





ADJUSTABLE FEMALE CLEVIS TYPE

PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS*	COLUMN LOAD (LBS)	PRESSURE (PSI)	WEIGHT (LBS)
		RETRACTED	EXTENDED						
TCL1504-S	1.5" X 4"	14-1/4"	18-1/4"	1"	3/4"	SAE 6	5300	3000	10
TCL1506-S	1.5" X 6"	16-1/4"	22-1/4"				5300	3000	11
TCL1508-S	1.5" X 8"	18-1/4"	26-1/4"				5300	3000	12
TCL1508-ASAE*	1.5" X 8"	20-1/4"	28-1/4"				5300	3000	13
TCL1510-S	1.5" X 10"	20-1/4"	30-1/4"				5300	3000	13
TCL1512-S	1.5" X 12"	22-1/4"	34-1/4"				5300	3000	15
TCL1514-S	1.5" X 14"	24-1/4"	38-1/4"				5300	3000	16
TCL1516-S	1.5" X 16"	26-1/4"	42-1/4"				5200	2900	17
TCL1518-S	1.5" X 18"	28-1/4"	46-1/4"				4400	2400	18
TCL1520-S	1.5" X 20"	30-1/4"	50-1/4"				3700	2100	20
TCL1524-S	1.5" X 24"	34-1/4"	58-1/4"				2700	1500	22
TCL1528-S	1.5" X 28"	38-1/4"	66-1/4"				2100	1200	25
TCL1530-S	1.5" X 30"	40-1/4"	70-1/4"				1900	1000	26
TCL1532-S	1.5" X 32"	42-1/4"	74-1/4"				1700	900	27
TCL1534-S	1.5" X 34"	44-1/4"	78-1/4"				1500	800	28
TCL1536-S	1.5" X 36"	46-1/4"	82-1/4"				1300	700	29
TCL2004-S	2" X 4"	14-1/4"	18-1/4"	1-1/8"	1"	SAE 8	9400	3000	16
TCL2006-S	2" X 6"	16-1/4"	22-1/4"				9400	3000	17
TCL2008-S	2" X 8"	18-1/4"	26-1/4"				9400	3000	19
TCL2008-ASAE*	2" X 8"	20-1/4"	28-1/4"				9400	3000	19
TCL2010-S	2" X 10"	20-1/4"	30-1/4"				9400	3000	20
TCL2012-S	2" X 12"	22-1/4"	34-1/4"				9400	3000	22
TCL2014-S	2" X 14"	24-1/4"	38-1/4"				9400	3000	23
TCL2016-S	2" X 16"	26-1/4"	42-1/4"				8400	2600	25
TCL2018-S	2" X 18"	28-1/4"	46-1/4"				7000	2200	27
TCL2020-S	2" X 20"	30-1/4"	50-1/4"				5900	1900	28
TCL2024-S	2" X 24"	34-1/4"	58-1/4"				4400	1400	31
TCL2030-S	2" X 30"	40-1/4"	70-1/4"				3000	900	36
TCL2036-S	2" X 36"	46-1/4"	82-1/4"	2200	700	41			
TCL2504-S	2.5" X 4"	14-1/4"	18-1/4"	1-1/4"	1"	SAE 8	14700	3000	19
TCL2506-S	2.5" X 6"	16-1/4"	22-1/4"				14700	3000	20
TCL2508-S	2.5" X 8"	18-1/4"	26-1/4"				14700	3000	22
TCL2508-ASAE*	2.5" X 8"	20-1/4"	28-1/4"				14700	3000	23
TCL2510-S	2.5" X 10"	20-1/4"	30-1/4"				14700	3000	24
TCL2512-S	2.5" X 12"	22-1/4"	34-1/4"				14700	3000	26
TCL2514-S	2.5" X 14"	24-1/4"	38-1/4"				14700	3000	28
TCL2516-S	2.5" X 16"	26-1/4"	42-1/4"				12800	2600	30
TCL2518-S	2.5" X 18"	28-1/4"	46-1/4"				10700	2100	32
TCL2520-S	2.5" X 20"	30-1/4"	50-1/4"				9100	1800	34
TCL2524-S	2.5" X 24"	34-1/4"	58-1/4"				6700	1300	38
TCL2530-S	2.5" X 30"	40-1/4"	70-1/4"				4600	900	44
TCL2536-S	2.5" X 36"	46-1/4"	82-1/4"	3400	600	49			

\* NPT PORTS ARE ALSO AVAILABLE.  
NOTE : COLUMN LOAD IS THE MAXIMUM PUSHING LOAD SUGGESTED USING A MINIMUM SAFETY FACTOR OF 2 AND BASED ON A PIN TO PIN MOUNTING CALCULATION.

\* ASAE = AMERICAN SOCIETY OF AGRICULTURE ENGINEERS  
DESIGNATES AN INDUSTRY MOUNTING STANDARD FOR 8" AND 16" STROKE CYLINDERS

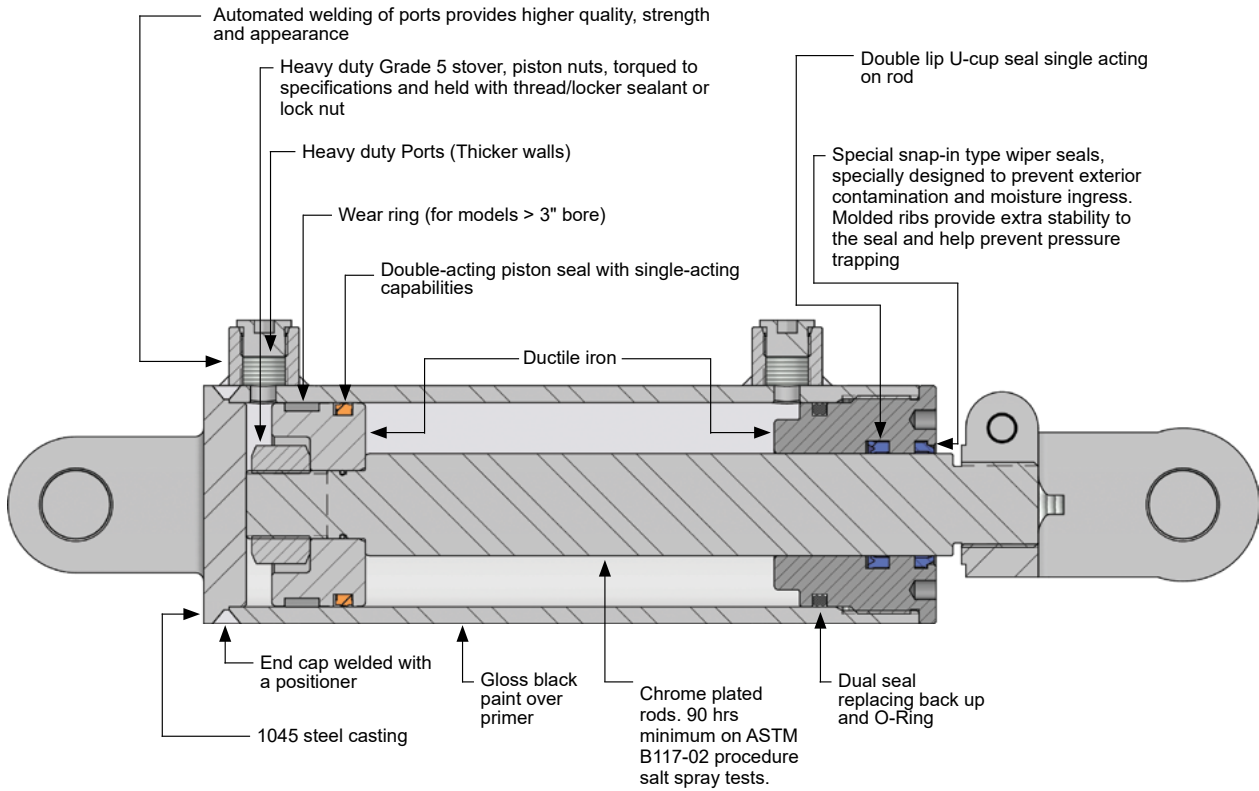
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ADJUSTABLE FEMALE CLEVIS TYPE									
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS*	COLUMN LOAD (LBS)	PRESSURE (PSI)	WEIGHT (LBS)
		RETRACTED	EXTENDED						
TCL3004-S	3" X 4"	14-1/4"	18-1/4"	1-1/2"	1"	SAE 8	21200	3000	24
TCL3006-S	3" X 6"	16-1/4"	22-1/4"				21200	3000	26
TCL3008-S	3" X 8"	18-1/4"	26-1/4"				21200	3000	29
TCL3008-ASAE*	3" X 8"	20-1/4"	28-1/4"				21200	3000	29
TCL3010-S	3" X 10"	20-1/4"	30-1/4"				21200	3000	31
TCL3012-S	3" X 12"	22-1/4"	34-1/4"				21200	3000	33
TCL3014-S	3" X 14"	24-1/4"	38-1/4"				21200	3000	36
TCL3016-S	3" X 16"	26-1/4"	42-1/4"				21200	3000	38
TCL3016-ASAE*	3" X 16"	31-1/2"	47-1/2"				21200	3000	38
TCL3018-S	3" X 18"	28-1/4"	46-1/4"				21200	3000	41
TCL3020-S	3" X 20"	30-1/4"	50-1/4"				18800	2600	43
TCL3024-S	3" X 24"	34-1/4"	58-1/4"				14000	1900	48
TCL3030-S	3" X 30"	40-1/4"	70-1/4"				9600	1300	56
TCL3036-S	3" X 36"	46-1/4"	82-1/4"				7000	900	63
TCL3504-S	3.5" X 4"	14-1/4"	18-1/4"	1-3/4"	1"	SAE 8	28800	3000	29
TCL3506-S	3.5" X 6"	16-1/4"	22-1/4"				28800	3000	32
TCL3508-S	3.5" X 8"	18-1/4"	26-1/4"				28800	3000	35
TCL3508-ASAE*	3.5" X 8"	20-1/4"	28-1/4"				28800	3000	36
TCL3510-S	3.5" X 10"	20-1/4"	30-1/4"				28800	3000	38
TCL3512-S	3.5" X 12"	22-1/4"	34-1/4"				28800	3000	41
TCL3514-S	3.5" X 14"	24-1/4"	38-1/4"				28800	3000	44
TCL3516-S	3.5" X 16"	26-1/4"	42-1/4"				28800	3000	47
TCL3516-ASAE*	3.5" X 16"	31-1/2"	47-1/2"				28800	3000	47
TCL3518-S	3.5" X 18"	28-1/4"	46-1/4"				28800	3000	50
TCL3520-S	3.5" X 20"	30-1/4"	50-1/4"				28800	3000	53
TCL3524-S	3.5" X 24"	34-1/4"	58-1/4"				26000	2700	59
TCL3530-S	3.5" X 30"	40-1/4"	70-1/4"				17900	1800	68
TCL3536-S	3.5" X 36"	46-1/4"	82-1/4"				13000	1300	77
TCL4004-S	4" X 4"	14-1/4"	18-1/4"	2"	1"	SAE 8	37600	3000	35
TCL4006-S	4" X 6"	16-1/4"	22-1/4"				37600	3000	38
TCL4008-S	4" X 8"	18-1/4"	26-1/4"				37600	3000	42
TCL4008-ASAE*	4" X 8"	20-1/4"	28-1/4"				37600	3000	43
TCL4010-S	4" X 10"	20-1/4"	30-1/4"				37600	3000	46
TCL4012-S	4" X 12"	22-1/4"	34-1/4"				37600	3000	49
TCL4014-S	4" X 14"	24-1/4"	38-1/4"				37600	3000	53
TCL4016-S	4" X 16"	26-1/4"	42-1/4"				37600	3000	57
TCL4016-ASAE*	4" X 16"	31-1/2"	47-1/2"				37600	3000	57
TCL4018-S	4" X 18"	28-1/4"	46-1/4"				37600	3000	60
TCL4020-S	4" X 20"	30-1/4"	50-1/4"				37600	3000	64
TCL4024-S	4" X 24"	34-1/4"	58-1/4"				37600	3000	71
TCL4030-S	4" X 30"	40-1/4"	70-1/4"				30500	2400	82
TCL4036-S	4" X 36"	46-1/4"	82-1/4"				22200	1700	93

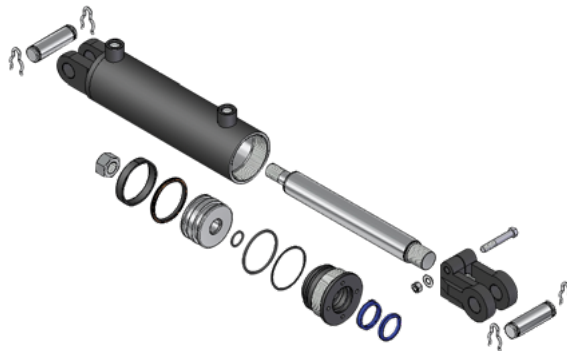
\* NPT PORTS ARE ALSO AVAILABLE.  
 NOTE : COLUMN LOAD IS THE MAXIMUM PUSHING LOAD SUGGESTED USING A MINIMUM SAFETY FACTOR OF 2 AND BASED ON A PIN TO PIN MOUNTING CALCULATION.

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SEAL TEMPERATURE RANGE : -30°C / +100°C (-22°F / +212°F)  
 SEAL MAXIMUM SPEED : 3 FT / SEC

- All seals are top grade/first quality North American made
- All components are CNC machined for higher accuracy and conformity
- Quality controlled in China by qualified Canadian technicians
- 100% tested. All cylinders are submitted to static and dynamic pressure tests to recommended specifications



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