

Tie Rod Cylinder



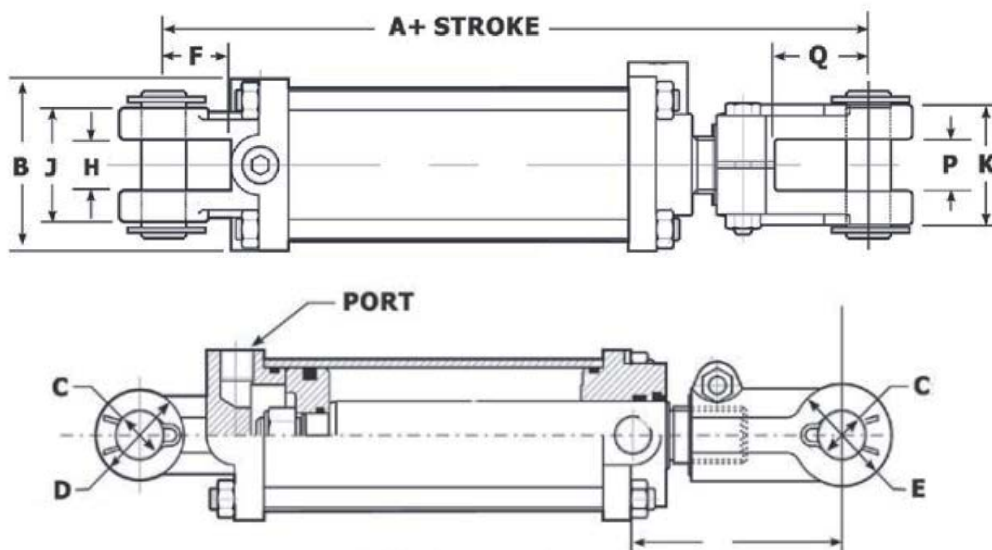
Features:

- 2T series: 2500PSI Rated pressure, 4000PSI testing pressure.
- 3T series: 3000PSI Rated pressure, 6000PSI testing pressure.
- Widely used in Agricultural machinery and other similar machines.
- Imported world famous brands and Chinese top brands sealing system.
- High quality Cold Drawn steel tube, with good rigidity.
- CNC Rolled tube inner surface, with roughness of 0.2~0.4um.
- Superior strength chrome-plated rod, anticorrosion for a long life.
- High grade Ductile Iron bar directly machined Gland and Piston, with high strength.
- High tensile strength tie rods with rolled threads for durability.
- Dual base-plate oil ports
- 100% factory tested under at least 1.5 times of the rated pressure.

Materials:

- GLAND - High grade ductile iron
- TUBE - High quality Steel tube, precision skived and rolled
- TUBE SEAL - O-Ring with anti-extrusion backup washer
- TIE ROD - High tensile hardened steel
- ROD - Chrome Plated C1045 Steel
- ROD CLEVIS - High grade Ductile iron
- END CAP - High grade Ductile iron
- PISTON - High grade ductile iron, precision machined
- PISTON SEAL - CROWN SEAL or Glass filled nylon wear ring
- ROD WIPER - Metal encased nitrile rubber
- ROD SEAL - Urethane
- PORTS - NPT (SAE optional)
- COLOR - Red, Gloss black, or as required

Connecting Dimensions



ASAE standard sizes:

Bore diameter	A (ASAE-8)	A (ASAE-16)
2"	12-1/4"	15-1/2"
2.5"	12-1/4"	15-1/2"
3"	12-1/4"	15-1/2"
3.5"	12-1/4"	15-1/2"
4"	12-1/4"	15-1/2"
4.5"	14-1/4"	17-1/2"
5"	14-1/4"	17-1/2"

Non-ASAE standard sizes:

Bore	A	B	C	D	E	F	H
2"	10 1/4"	2 7/8"	1 1/64"	2"	2"	2 1/16"	1 1/8"
2.5"	10 1/4"	3 1/4"	1 1/64"	2"	2"	2 1/16"	1 1/8"
3"	10 1/4"	4"	1 1/64"	2"	2"	2 1/16"	1 1/8"
3.5"	10 1/4"	4 3/8"	1 1/64"	2 1/4"	2 1/4"	1 5/8"	1 1/8"
4"	10 1/4"	5"	1 1/64"	2 1/2"	2 1/4"	1 5/8"	1 1/8"
4.5"	10 1/4"	5 1/2"	1 1/4"	2 1/2"	2 3/4"	1 3/4"	1 1/8"
5"	12 1/4"	6"	1 1/4"	2 3/4"	2 3/4"	1 3/4"	1 1/8"

Bore	J	K	P	Q	Tie rod	Rod Thread
2"	2 1/2"	2 5/8"	1 1/8"	2"	3/8"	1 1/8-12UNF
2.5"	2 1/2"	2 5/8"	1 1/8"	2"	3/8"	1 1/8-12UNF
3"	2 1/2"	2 3/4"	1 1/8"	2"	1/2"	1 1/4-12UNF
3.5"	2 5/8"	2 3/4"	1 1/8"	2"	9/16"	1 1/4-12UNF
4"	2 3/4"	2 3/4"	1 1/8"	2"	5/8"	1 1/4-12UNF
4.5"	3"	2 7/8"	1 1/8"	2"	5/8"	1 1/4-12UNF
5"	3"	2 7/8"	1 1/8"	2"	5/8"	1 1/4-12UNF

• Dimensions can be specially made as required.

ASAE standard sizes:

Models		Bore	Stroke	Rod	Pin distance		Ports	Pins
2T	3T				Retracted	Extended		
2T2008A	3T2008A	2"	8"	1 1/8"	20 1/4"	28 1/4"	3/8 NPT	1"
2T2508A	3T2508A	2-1/2"	8"	1 1/8"	20 1/4"	28 1/4"	3/8 NPT	1"
2T3008A	3T3008A	3"	8"	1 1/4"	20 1/4"	28 1/4"	1/2 NPT	1"
2T3016A	3T3016A	3"	16"	1 3/8"	31 1/2"	47 1/2"	1/2 NPT	1-1/4
2T3508A	3T3508A	3-1/2"	8"	1 1/4"	20 1/4"	28 1/4"	1/2 NPT	1"
2T3516A	3T3516A	3-1/2"	16"	1 1/2"	31 1/2"	47 1/2"	1/2 NPT	1-1/4
2T4008A	3T4008A	4"	8"	1 1/2"	20 1/4"	28 1/4"	1/2 NPT	1"
2T4016A	3T4016A	4"	16"	1 3/4"	31 1/2"	47 1/2"	1/2 NPT	1-1/4
2T5008A	3T5008A	5"	8"	1 1/2"	22 1/2"	30 1/4"	1/2 NPT	1"
2T5016A	3T5016A	5"	16"	2"	33 1/2"	49 1/2"	1/2 NPT	1-1/4

Non-ASAE standard sizes:

Models		Bore	Stroke	Rod	Pin distance		Ports	Pins
2T	3T				Retracted	Extended		
2T2004	3T2004	2"	4"	1 1/8"	14 1/4"	18 1/4"	3/8 NPT	1"
2T2006	3T2006		6"	1 1/8"	16 1/4"	22 1/4"	3/8 NPT	1"
2T2008	3T2008		8"	1 1/8"	18 1/4"	26 1/4"	3/8 NPT	1"
2T2010	3T2010		10"	1 1/8"	20 1/4"	30 1/4"	3/8 NPT	1"
2T2012	3T2012		12"	1 1/8"	22 1/4"	34 1/4"	3/8 NPT	1"
2T2014	3T2014		14"	1 1/8"	24 1/4"	38 1/4"	3/8 NPT	1"
2T2016	3T2016		16"	1 1/8"	26 1/4"	42 1/4"	3/8 NPT	1"
2T2018	3T2018		18"	1 1/8"	28 1/4"	46 1/4"	3/8 NPT	1"
2T2020	3T2020		20"	1 1/8"	30 1/4"	50 1/4"	3/8 NPT	1"
2T2024	3T2024		24"	1 1/8"	34 1/4"	58 1/4"	3/8 NPT	1"
2T2030	3T2030		30"	1 1/8"	40 1/4"	70 1/4"	3/8 NPT	1"
2T2036	3T2036		36"	1 1/8"	46 1/4"	82 1/4"	3/8 NPT	1"
2T2504	3T2504	2.5"	4"	1 1/8"	14 1/4"	18 1/4"	3/8 NPT	1"
2T2506	3T2506		6"	1 1/8"	16 1/4"	22 1/4"	3/8 NPT	1"
2T2508	3T2508		8"	1 1/8"	18 1/4"	26 1/4"	3/8 NPT	1"
2T2510	3T2510		10"	1 1/8"	20 1/4"	30 1/4"	3/8 NPT	1"
2T2512	3T2512		12"	1 1/8"	22 1/4"	34 1/4"	3/8 NPT	1"
2T2514	3T2514		14"	1 1/8"	24 1/4"	38 1/4"	3/8 NPT	1"
2T2516	3T2516		16"	1 1/8"	26 1/4"	42 1/4"	3/8 NPT	1"
2T2518	3T2518		18"	1 1/8"	28 1/4"	46 1/4"	3/8 NPT	1"
2T2520	3T2520		20"	1 1/8"	30 1/4"	50 1/4"	3/8 NPT	1"
2T2524	3T2524		24"	1 1/8"	34 1/4"	58 1/4"	3/8 NPT	1"
2T2530	3T2530		30"	1 1/4"	40 1/4"	70 1/4"	3/8 NPT	1"
2T2536	3T2536		36"	1 1/4"	46 1/4"	82 1/4"	3/8 NPT	1"
2T3004	3T3004	3"	4"	1 1/4"	14 1/4"	18 1/4"	1/2 NPT	1"
2T3006	3T3006		6"	1 1/4"	16 1/4"	22 1/4"	1/2 NPT	1"
2T3008	3T3008		8"	1 1/4"	18 1/4"	26 1/4"	1/2 NPT	1"
2T3010	3T3010		10"	1 1/4"	20 1/4"	30 1/4"	1/2 NPT	1"
2T3012	3T3012		12"	1 1/4"	22 1/4"	34 1/4"	1/2 NPT	1"
2T3014	3T3014		14"	1 1/4"	24 1/4"	38 1/4"	1/2 NPT	1"
2T3016	3T3016		16"	1 1/4"	26 1/4"	42 1/4"	1/2 NPT	1"
2T3018	3T3018		18"	1 1/4"	28 1/4"	46 1/4"	1/2 NPT	1"

Non-ASAE standard sizes:

Models		Bore	Stroke	Rod	Pin distance		Ports	Pins	
2T	3T				Retracted	Extended			
2T3020	3T3020	3"	20"	1 1/4"	30 1/4"	50 1/4"	1/2 NPT	1"	
2T3024	3T3024		24"	1 1/4"	34 1/4"	58 1/4"	1/2 NPT	1"	
2T3030	3T3030		30"	1 1/2"	40 1/4"	70 1/4"	1/2 NPT	1"	
2T3036	3T3036		36"	1 1/2"	46 1/4"	82 1/4"	1/2 NPT	1"	
2T3048	3T3048		48"	1 1/2"	58 1/4"	106 1/4"	1/2 NPT	1"	
2T3504	3T3504	3.5"	4"	1 1/4"	14 1/4"	18 1/4"	1/2 NPT	1"	
2T3506	3T3506		6"	1 1/4"	16 1/4"	22 1/4"	1/2 NPT	1"	
2T3508	3T3508		8"	1 1/4"	18 1/4"	26 1/4"	1/2 NPT	1"	
2T3510	3T3510		10"	1 1/4"	20 1/4"	30 1/4"	1/2 NPT	1"	
2T3512	3T3512		12"	1 1/4"	22 1/4"	34 1/4"	1/2 NPT	1"	
2T3514	3T3514		14"	1 1/4"	24 1/4"	38 1/4"	1/2 NPT	1"	
2T3516	3T3516		16"	1 1/4"	26 1/4"	42 1/4"	1/2 NPT	1"	
2T3518	3T3518		18"	1 1/4"	28 1/4"	46 1/4"	1/2 NPT	1"	
2T3520	3T3520		20"	1 1/4"	30 1/4"	50 1/4"	1/2 NPT	1"	
2T3524	3T3524		24"	1 1/2"	34 1/4"	58 1/4"	1/2 NPT	1"	
2T3530	3T3530		30"	1 1/2"	40 1/4"	70 1/4"	1/2 NPT	1"	
2T3532	3T3532		32"	1 1/2"	42 1/4"	74 1/4"	1/2 NPT	1"	
2T3536	3T3536		36"	1 1/2"	46 1/4"	82 1/4"	1/2 NPT	1"	
2T3548	3T3548		48"	1 1/2"	58 1/4"	106 1/4"	1/2 NPT	1"	
2T4004	3T4004		4"	4"	1 1/4"	14 1/4"	18 1/4"	1/2 NPT	1"
2T4006	3T4006	6"		1 1/4"	16 1/4"	22 1/4"	1/2 NPT	1"	
2T4008	3T4008	8"		1 1/4"	18 1/4"	26 1/4"	1/2 NPT	1"	
2T4010	3T4010	10"		1 1/4"	20 1/4"	30 1/4"	1/2 NPT	1"	
2T4012	3T4012	12"		1 1/4"	22 1/4"	34 1/4"	1/2 NPT	1"	
2T4014	3T4014	14"		1 1/4"	24 1/4"	38 1/4"	1/2 NPT	1"	
2T4016	3T4016	16"		1 1/4"	26 1/4"	42 1/4"	1/2 NPT	1"	
2T4018	3T4018	18"		1 1/2"	28 1/4"	46 1/4"	1/2 NPT	1"	
2T4020	3T4020	20"		1 1/2"	30 1/4"	50 1/4"	1/2 NPT	1"	
2T4024	3T4024	24"		1 1/2"	34 1/4"	58 1/4"	1/2 NPT	1"	
2T4030	3T4030	30"		1 3/4"	40 1/4"	70 1/4"	1/2 NPT	1"	
2T4036	3T4036	36"		1 3/4"	46 1/4"	82 1/4"	1/2 NPT	1"	
2T4048	3T4048	48"		1 3/4"	58 1/2"	106 1/4"	1/2 NPT	1"	
2T5004	3T5004	5"		4"	1 1/2"	16 1/4"	20 1/4"	1/2 NPT	1 1/4"
2T5006	3T5006			6"	1 1/2"	18 1/4"	24 1/4"	1/2 NPT	1 1/4"
2T5008	3T5008		8"	1 1/2"	20 1/4"	28 1/4"	1/2 NPT	1 1/4"	
2T5010	3T5010		10"	1 1/2"	22 1/4"	32 1/4"	1/2 NPT	1 1/4"	
2T5012	3T5012		12"	2"	24 1/4"	36 1/4"	1/2 NPT	1 1/4"	
2T5014	3T5014		14"	2"	26 1/4"	40 1/4"	1/2 NPT	1 1/4"	
2T5016	3T5016		16"	2"	28 1/4"	44 1/4"	1/2 NPT	1 1/4"	
2T5018	3T5018		18"	2"	30 1/4"	48 1/4"	1/2 NPT	1 1/4"	
2T5020	3T5020		20"	2"	32 1/4"	52 1/4"	1/2 NPT	1 1/4"	
2T5024	2T5024		24"	2"	36 1/4"	60 1/4"	1/2 NPT	1 1/4"	
2T5030	2T5030		30"	2"	42 1/4"	72 1/4"	1/2 NPT	1 1/4"	
2T5036	3T5036		36"	2"	48 1/4"	84 1/4"	1/2 NPT	1 1/4"	
2T5048	3T5048		48"	2"	60 1/2"	108 1/4"	1/2 NPT	1 1/4"	