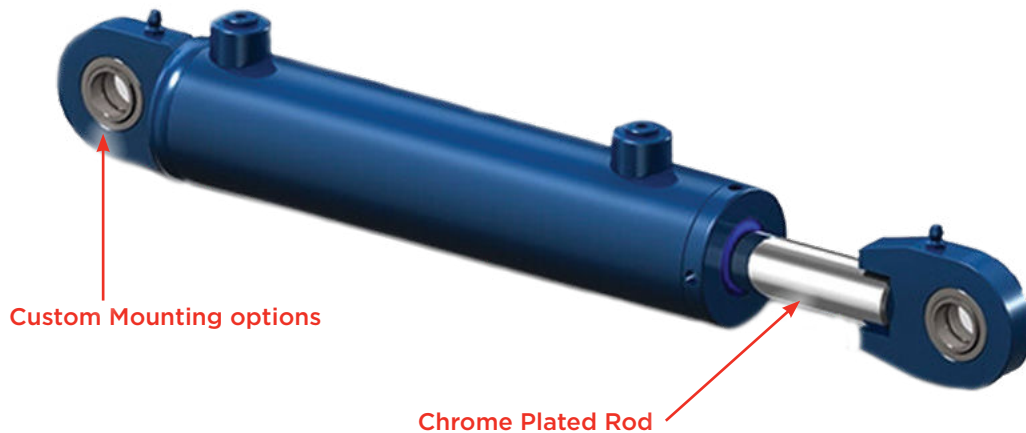


# STANDARD HYDRAULIC CYLINDERS



**Our Standard Cylinders** come with minimal modifications. Both double and single-acting designs are available. They feature durable chrome plated rod, piston sealing, and standard or custom mounting. Our standard cylinders can be customized with a variety of options including position sensing, valve integration, nickel plating for increased corrosion resistance, and induction hardened rod.



## APPLICATION EXAMPLES

- Utilities
- Material Handling
- Oil & Gas
- Agriculture
- Public Services
- Defense
- Transportation

## PRODUCT DESCRIPTION

- Standard THI cylinder with minimal modifications
- Double and single-acting designs available
- Chrome plated rod
- Durable rod and piston sealing
- Standard and custom mounting
- 1.0" - 16" Bore
- 0.38" - 10" Rod
- Up to 470" stroke
- Up to 5000 psi

## OPTIONAL FEATURES

- Position sensing
- Valve integration
- Nickel plating for increased corrosion resistance
- Induction hardened rod



Texas Hydraulics, Inc.  
3410 Range Road  
Temple, TX 76504  
Tel: 254-778-4701  
[www.texas hydraulics.com](http://www.texas hydraulics.com)

**PRODUCT DATA SHEET**

**TEXAS**  
**HYDRAULICS**

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THI-PDS-v1-102022

# CYLINDER DEAD LENGTH



The charts below show the standard cylinder dead length in inches, it does not include end mounts or stroke. Add 1" to for every 10" of stroke beyond 40". For base end mounted valve block add 1.75" for up to 15 GPM, 2.00" for up to 30 GPM and 2.38" for up to 60 GPM. Any required cushion length is additive. Standard bore-rod combinations and lengths are shown, please consult Texas Hydraulics for availability of sizes not shown, or if the shorter lengths are required. These dimensions are for reference only, some applications may require more dead length than shown.

## Medium-Heavy Duty Cylinders

	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	5.00	5.50	6.00	6.50	7.00	8.00	9.00	10.00	
0.75	4.75																			
0.88	4.75																			
1.00	4.88	4.88	5.00																	
1.13	4.88	4.88	5.00																	
1.25	5.00	5.13	5.25	5.75	6.38	6.50	6.88													
1.38	5.31	5.31	5.31	5.75	6.38	6.50	6.88	6.88												
1.50	6.00	5.63	5.63	5.75	6.38	6.50	6.88	6.88	7.13											
1.63		5.75	5.75	5.88	6.38	6.50	6.88	6.88	7.13	7.13										
1.75		6.00	6.00	6.19	6.38	6.50	7.00	6.88	7.25	7.25										
2.00				7.25	6.75	6.88	7.13	7.00	7.38	7.38	7.63	8.13								
2.25						6.88	7.13	7.13	7.38	7.38	7.63	8.38								
2.50							7.38	7.13	7.38	7.38	7.63	8.50	8.88							
2.75								7.38	7.38	7.38	7.88	8.75	8.88	9.13	9.13					
3.00								7.63	7.63	8.00	8.75	9.00	9.13	9.13						
3.25										8.25	8.75	9.00	9.25	9.25	9.63	9.88				
3.50										8.50	8.88	9.25	9.50	9.50	9.63	9.88				
3.75											8.88	9.50	9.75	9.75	10.13	10.13				
4.00											8.88	9.50	9.75	9.75	10.13	10.13	12.00	12.00		
4.50																12.25	10.38	12.25	12.25	
5.00																	10.38	12.50	12.50	
5.50																		12.50	12.50	
6.00																		13.00	13.00	

## Light-Medium Duty Cylinders

	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75
0.50	3.44											
0.63		3.75	4.00									
0.75		3.75	4.13	4.25	4.13							
0.88			4.13	4.25	4.25							
1.00				4.38	4.38	4.38	4.50					
1.13					4.38	4.38	4.50					
1.25					5.00	4.50	4.75	4.88	5.13	5.13	5.25	
1.38					5.00	4.75	5.00	4.88	5.13	5.13	5.25	5.25
1.50						5.00	5.00	5.00	5.13	5.13	5.25	5.25
1.63						5.50	5.50	5.50	5.38	5.38	5.38	5.38
1.75								6.00	5.50	5.50	5.50	5.50
2.00										6.00	5.50	5.75
2.25											6.00	6.00
2.50												6.25



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