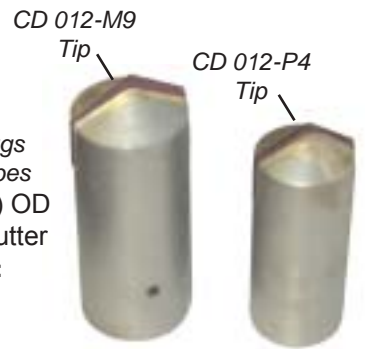


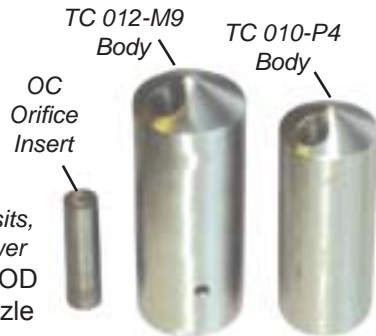
# Lance Tips

## Select the right tip for your job:

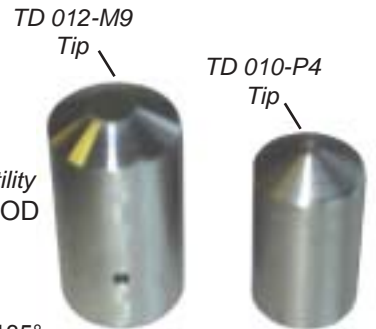
- Buy tip 1/8 in. smaller diameter than tube ID to minimize “hydraulic”
- Buy TC Tip for powerful unplugging
- Buy CD Tip for unplugging and polishing
- Buy TD Tip for economy and versatile jet patterns



**CD Lance Tip**  
 For removal of hard plugs from heat exchanger tubes  
 .31- 1.62 in. (8-41 mm) OD  
 Drilled Jets, Carbide Cutter  
**Jet Styles Available:**  
 • 1 @ 5°, 15°, 2 @ 135°  
 • 1 @ 5° & 15°



**TC Lance Tip**  
 Unplugging heavy deposits, Maximum jet hitting power  
 .5- 1.0 in. (12-25 mm) OD  
 Single 8° Carbide Nozzle  
 No Carbide Cutter



**TD Lance Tip**  
 For economy and versatility  
 .5- 1.0 in. (12-25 mm) OD  
 Drilled Jets  
 No Carbide Cutter  
**Jet Styles Available:**  
 • 1 @ 10°, 20°, & 30°, 2 @ 135°  
 • 1 @ 10°, 20°, & 30° • 2 @ 45°, 2 @ 135°  
 • 2 @ 60° • 2 @ 90°

## Specifications

Body Diameter	3/8 in. 9.5 mm	7/16 in. 11.1 mm	1/2 in. 12.2 mm	5/8 in. 15.9 mm	3/4 in. 19.0 mm
<b>Low Pressure</b> 15 Kpsi 1030 bar MAWP					
	CD 006-S4 TD 006-S4	CD 007-S6 TD 007-S6	CD 008-P2 TD 008-P2 TC 008-P2	CD 010-P4 TD 010-P4 TC 010-P4	CD 012-P4
<b>Lance Threads</b>	1/4" OD 1/4x28	3/8" OD 3/8x24	1/8" Pipe 1/8 npt	1/4" Pipe 1/4 npt	1/4" Pipe 1/4 npt
<b>Medium Pressure</b> 20 Kpsi 1380 bar MAWP - Right-Hand MP Threads					
	CD 006-S4 TD 006-S4	CD 007-M6 TD 007-M6	CD 008-M6 TD 008-M6 TC 008-M6		CD 012-M9 TD 012-M9 TC 012-M9
<b>Lance Threads</b>	1/4" MP 1/4x28	3/8" MP 3/8x24	3/8" MP 3/8x24		9/16" MP 9/16x18
<b>High Pressure</b> 40 Kpsi 2760 bar MAWP - Right-Hand HP Threads					
			TD 008-H6		TD 012-H9
<b>Lance Threads</b>			3/8" HP 3/8x24		9/16" HP 9/16x18

## Lance Selection for Maximum Power

Jet for flows (gpm) no greater than:

Lance	1/4 HP	3/8 HP	9/16 HP	1/4 MP	3/8 MP	9/16 MP	1/8 Sch 80	1/4 SCH 80
15 ft.	3.1	9.0	24	4.4	20	60	20	50
25 ft.	2.4	6.8	18	3.4	16	45	16	35
35 ft.	2.1	5.8	16	2.9	14	40	14	30