

POSITIVE LIFT TRAVELING VALVE



FOR ELIMINATION OF GAS LOCK...

At the start of the down stroke — the weight of the entire column of oil in the tubing forces the gas out of the barrel.

Note that the ball and seat assembly “make and break” on the bottom side. The ball is directly connected to the rods.

Both the ball and seat are reversible, or can be reconditioned. They are made of hardened stainless steel.

To install, simply remove the top cage and the ball and seat and replace with the assembly shown here.

This tool cannot be used in traveling plunger insert pump.

This tool can be furnished with full TUNGSTEN CARBIDE trim, instead of stainless steel. Also, we can now furnish an adapter to fit regular stems now in the field. This will permit changing old tools over to carbide trim. A new lower cage is also required. It is the same price as the lower cage listed below.



SPECIFICATIONS:

TO REPLACE API CAGE SIZE SPECIFY S/R PIN SIZE*	1-3/4" 15/16" or 1-1/16"	2-1/4" 1-1/16" or 1-3/16"	2-3/4" 1-1/16" or 1-3/16"
STAINLESS ASSEMBLY			
COMPLETE ASSEMBLY STAINLESS TRIM	150-1401-175	150-1401-225	150-1401-275
STAINLESS TRIM PARTS			
VALVE STEM (Spec. Pin Size)*	150-1402-175	150-1402-225	150-1402-275
UPPER CAGE	150-1403-175	150-1403-225	150-1403-275
VALVE & SEAT	150-1404-175	150-1404-225	150-1404-275
LOWER CAGE	150-1405-175	150-1405-225	150-1405-275
ADAPTER FOR CARBIDE	150-1408-175	150-1408-225	—

CARBIDE ASSEMBLY		
COMPLETE ASSEMBLY CARBIDE TRIM	150-1420-175	150-1420-225
CARBIDE TRIM PARTS		
VALVE STEM (Spec. Pin Size)*	150-1402-175-C	150-1402-225-C
UPPER CAGE	150-1403-175-C	150-1403-225-C
LOWER CAGE	150-1405-175-C	150-1405-225-C
VALVE & SEAT	150-1406-175	150-1406-225-C

*TO SPECIFY PIN SIZE, ADD "B", "C" OR "D" TO PART NUMBERS FOR COMPLETE TOOL OR VALVE STEM.

B = 15/16"

C = 1-1/16"

D = 1-3/16"