



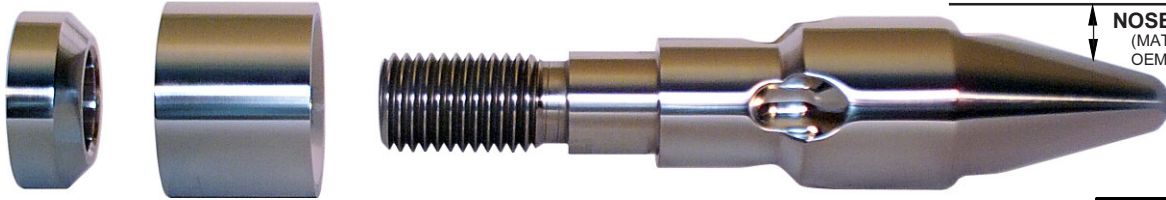
O.E.M. TYPE CHECK RING VALVES

**IMPROVED
STEELS**



**O.E.M. DIMENSIONS DUPLICATED
MADE FROM H-13 AND D-2 TOOL STEEL**

FOR USE ON GENERAL PURPOSE UNFILLED MATERIALS



**NOSE ANGLE
(MATCHES
OEM SPECS)**

ISO-9002

MANUFACTURED IN A
QUALITY SYSTEM CERTIFIED
FACILITY.

SEAT
D-2 HEAT TREATED

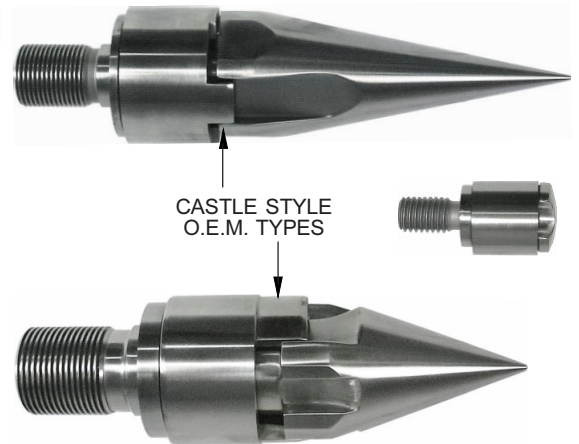
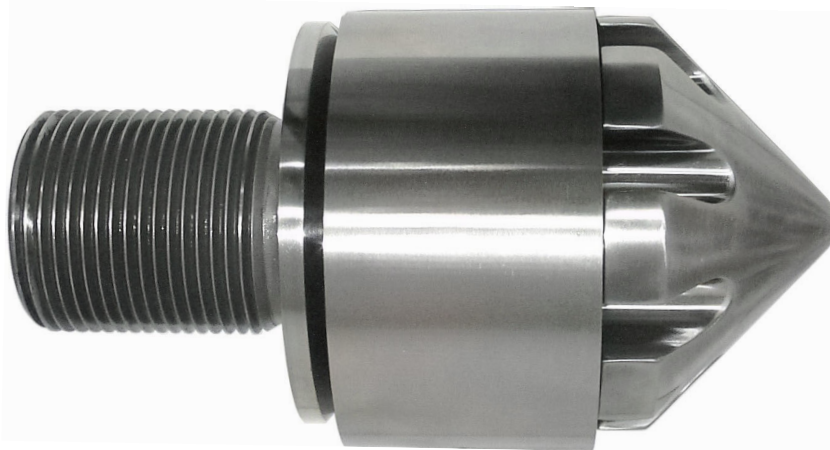
RING

MADE FROM H-13
TOOL STEEL
HEAT TREATED.

RETAINER

- DO NOT CONFUSE OUR H-13 TOOL STEEL TIPS WITH OTHER LOWER COST TIPS!
- PARTS ARE INTERCHANGEABLE WITH O.E.M. TIPS.
- O.E.M. TYPE TIPS CAN BE MADE FROM CPM9V SUPER TOUGH STEEL TO SPECIAL ORDER.
- WE CARRY OUR INDUSTRY'S LARGEST STOCK.

- RING AND RETAINER ARE MADE FROM H-13 TOOL STEEL THRU HARDENED HEAT TREATED.
- SEAT IS D-2 STEEL HEAT TREATED. A D-2 SEAT IS SUPPLIED DUE TO IT'S HIGH IMPACT, CORROSION AND WEAR RESISTANCE.
- O.E.M. SIZE SPECIFICATIONS DUPLICATED.
- PRECISION GROUND SEATS AND RINGS.



CASTLE STYLE
O.E.M. TYPES

STYLE 1

PPE elected to move ahead of O.E.M. manufacturers by changing from nitralloy to H-13 tool steel on our O.E.M. type check ring valves. Most O.E.M Equipment suppliers have also changed and improved their check ring valve steels to try to meet current molding demands. The old style O.E.M Nitralloy Steel was a prehardened steel with a hardness of 28 to 30 Rockwell C Nitrided and is obsolete by todays standards for three piece type tips.

H-13 Tool Steel is not prehardened! After machining, all check ring valve components are heat treated for longer life and maximum wear resistance.

This process and the use of H-13 Tool Steel has reduced the risk of premature tip failure due to wear and/or breaking. Our use of tool steel heat treated has allowed us to produce a superior quality tip which lasts longer than any other OEM type replacement check ring valve on the market today. For filled materials please refer to our Free Flow designs made from H-13 Tool Steel or specialty long lasting tool steel.

Optional to Order: CPM S90V Stainless Steel

CPM S90V Stainless Steel offers outstanding corrosion resistance combined with high wear resistance as it contains 14% Chromium and 9% Vanadium. Typical applications would include PVC and other resins with chemical additives such as flame retardants.



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