



**MORE SIZES  
IN STOCK!**

# 6 STOCK SCREW TIP STYLES

## COVER ALL YOUR NEEDS!

**ISO-9002**  
MANUFACTURED IN A  
QUALITY SYSTEM CERTIFIED  
FACILITY.



### COMPRESSION COLLARS

FOR MOST STYLES OF  
**CHECK RING VALVES & BALL CHECKS**  
COLLARS MADE FROM **H-13 TOOL STEEL HEAT TREATED**

### STYLE 4

#### COMPRESSION COLLAR FEATURES

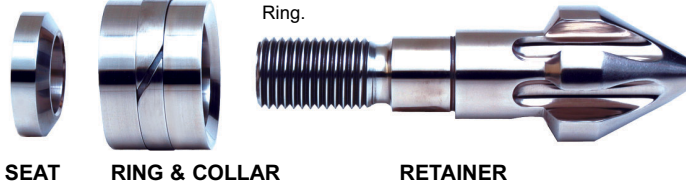
- Fits most screw tips including ball checks.
- Preserves and restores compression.
- Temporarily extends barrel use.
- Permits you to finish running a molding job.
- Extends the use of a worn barrel.
- Reduces screw travel on worn barrels.
- Stops blowback due to wear.
- Reduces color change times.
- Improves cycle times.
- Same principle as an engine piston ring.

#### 3 WAYS TO BUY:

1. Buy a Complete Assembly.
2. Buy a Ring with Compression Collar.
3. Install a Compression Collar on your Ring.

PPE COMPRESSION COLLARS  
RESTORE COMPRESSION

55mm  
Cincinnati Milacron  
Assembly Illustrated



SEAT      RING & COLLAR      RETAINER

## BALL CHECK AND CASTLE STYLE SCREW TIPS

### IDEAL FOR USE ON POLYETHYLENE AND POLYPROPYLENE MATERIALS

#### BALL CHECK FEATURES

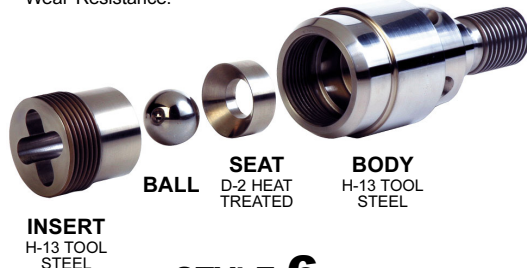
- Easy Flow Replacable Pin-Free Inserts.
- Ball Guides for Quick 360° Shut-off.
- Replaceable Seat (Extra Tough).
- Multiple Feed Holes (4). Reduces Frictional Heat.
- Heat Treated For Extra Wear Resistance.

#### BALL CHECK DESIGN

PPE Ball Checks were engineered, developed and tested by customers for several years prior to our offering them for sale. Our design features an easy-flow, pin-free tool steel insert and an easy to replace tool steel ball seat. Our four feed holes and properly engineered internal flow passages and insert packages are calculated to permit maximum possible melt flow.

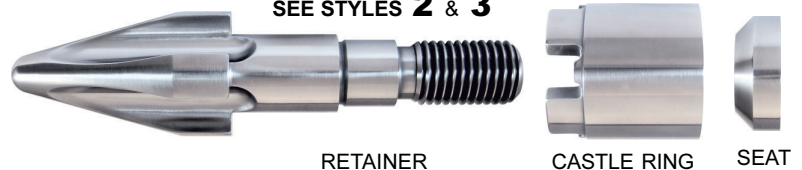
#### CASTLE STYLE FEATURES

- Castle Style is ideal for use with polyethylene and polypropylene materials.
- Castle Style (Locking Ring) eliminates premature wear between the ring and retainer flutes as the ring spins with the retainer.
- Free Flow Design eliminates shear on heat sensitive materials.
- Castle Style is an ideal replacement for Ball Check Tips.
- Ideal for use on high speed screws.
- A Free Flow Design that incorporates the locking ring (castle style) design for faster screw recovery.
- All the advantages of a Free Flow Design with the positive shut-off action of a ball check.



### STYLE 6

SEE STYLES 2 & 3



RETAINER      CASTLE RING      SEAT

## FASTER SHUT-OFF - FREE FLOW DESIGN

O.E.M. DIMENSIONS PLUS FREE FLOW DESIGN  
**BETTER SHOT CONTROL**

**SOME POPULAR  
MODELS IN STOCK!**

FOR USE ON  
HEAT SENSITIVE  
AND FILLED MATERIALS

PARTS NOT INTER-  
CHANGEABLE WITH  
O.E.M.  
PARTS BECAUSE OF FLAT  
FACES BETWEEN  
RING AND RETAINER.

- A. Free Flow Flutes, Avoid Overheating Material
- B. Flat Faces Between Ring & Retainer, Avoids Wear.



SEAT      RING      RETAINER  
D-2 HEAT TREATED      H-13 HEAT TREATED      H-13 HEAT TREATED

### STYLE 8 FAST SHUT-OFF ON INJECTION FREE FLOW DESIGN

This 3 piece ring valve is made of high quality H-13 steel heat treated for longer life. The deep fluted ring valve design incorporates larger flow areas and a shorter ring travel for faster shut-off on injection.



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