



**MORE SIZES
IN STOCK!**

6 STOCK SCREW TIP STYLES

COVER ALL YOUR NEEDS!

ISO-9002
MANUFACTURED IN A
QUALITY SYSTEM CERTIFIED
FACILITY.

MADE IN

U.S.A.

COMPRESSION COLLARS

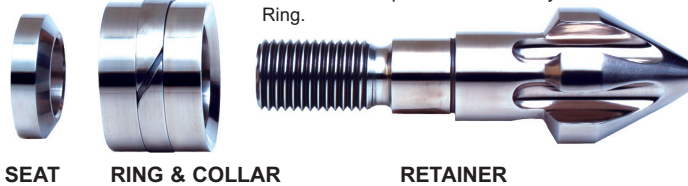
FOR MOST STYLES OF
CHECK RING VALVES & BALL CHECKS
COLLARS MADE FROM **H-13 TOOL STEEL HEAT TREATED**

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



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.

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

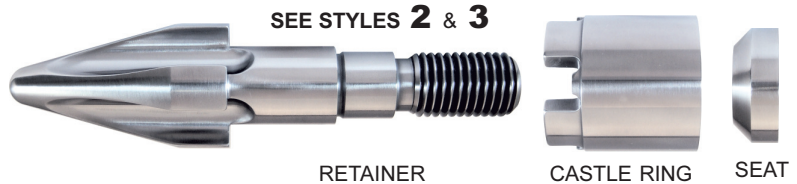
PPE Ball Checks were engineered, developed and tested by customers for several years prior to our offering them for sale. Our design features an easy-flow, pin-free tool steel insert and an easy to replace tool steel ball seat. Our four feed holes and properly engineered internal flow passages and insert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



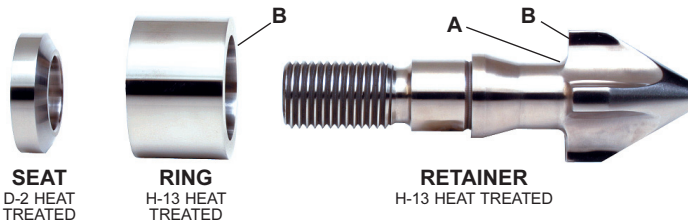
FASTER SHUT-OFF - FREE FLOW DESIGN

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.

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.



PLASTIC PROCESS EQUIPMENT, INC.

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