



# 5 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



## BALL CHECK STYLE SCREW TIPS

IDEAL FOR USE ON POLYETHYLENE AND POLYPROPYLENE MATERIALS

### 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.

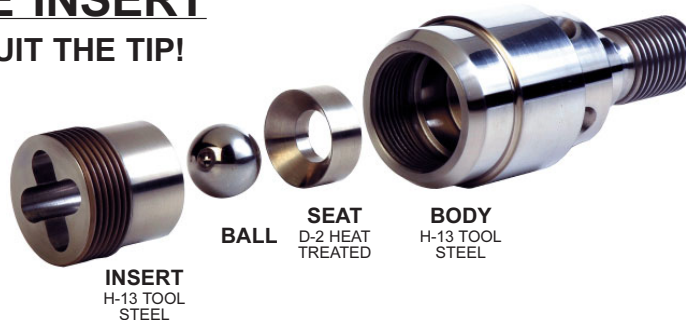
## PIN-FREE INSERT

SIZED TO SUIT THE TIP!

## STYLE 5 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.



## CASTLE STYLE LOCKING RING ALTERNATIVE

SEE FREE FLOW STYLES **2 & 3**

### 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.



ALTERNATIVE & INTERCHANGABLE CASTLE STYLE RING  
IS AVAILABLE FOR MOST FREE FLOW VALVES.



## PLASTIC PROCESS EQUIPMENT, INC.

**EAST** 8303 CORPORATE PARK DRIVE  
MACEDONIA, OHIO 44056  
216-367-7000 • FAX: 216-367-7022  
TOLL FREE: 800-321-0562

**WEST** 6385 MONTESSOURI STREET  
LAS VEGAS, NEVADA 89113  
702-433-6385 • FAX: 702-433-6388  
TOLL FREE: 800-258-8877

[www.ppe.com](http://www.ppe.com)  
e-mail: sales@ppe.com

Toll Free: USA, Canada & Mexico  
**800-362-0706**

Order Fax: 800-223-8305