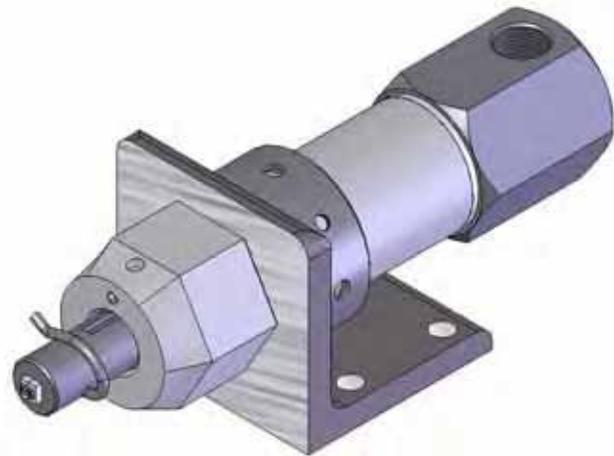


## Model 88: 3 Ton Single Acting Air Impact Marker

**Model 88 3-TON:** The Columbia model 88 impact marking cylinder is a rugged air cylinder with a built in stamp holder at the rod end. The 88 delivers a powerful impact blow of up to 3-tons at 80psi. The patented shock absorbing bumpers at both ends of the stroke to prevent damage to the marker when bottoming out on the forward stroke and reducing the shock on return stroke. The model 88 is a dependable marker at a very low investment cost. The rod has a spring return action while an efficient pressure venting system allows an instantaneous return stroke. Model 88 air impact markers have a keyed non-rotating rod and 2.5" of stroke.

- 3 Mounting styles include standard angle bracket, reverse angle bracket and straight sub-plate. Special mountings provided upon request.
- 3 Standard rod styles to hold the stamps offer multi-character OA or OAS38, and single character OB



- 2 different air port locations: standard end port or side port for restricted space installations
- Standard system requires lubricated air

### Model 88 How To Order

**To Order:** Select only the symbols that represent the marker feature that is needed. Place that symbol in the sequence as shown.

FEATURE	SYM.	EXAMPLE
88 (Angle Bracket)	88	-88-OB-EF
88R (Reverse Bracket)	88R	
88SP (Sub Plate)	88SP	
Rod Style "A"	OA	
Rod Style "AS38"	OAS38	
Rod Style "B"	OB	
End ported end cap	E	
Side ported end cap	S	
Standard Industrial Model	F	
Light Duty	L*	

\*Light Duty Drawings provided on request only

**Recommended Air Hose:** 3/8" I.D. minimum

**Recommended Air Valve:** 3/8" 3-way or 4-way solenoid valve

**Operating Pressure:** 20 to 80psi

**Max. Marking Pressure:** 6000lbs (at 80psi)

**Stamp Capacity Rod Style "B"**

(1) Pc CM8X round insert can mark up to a 1/4" character.

**Stamp Capacities Rod Style "A"**

(4) Pc's 1/16" Char. CMG06 Stamp Inserts

(2) Pc's 1/8" Char. CMG13 Stamp Inserts

**Stamp Capacities Rod Style "AS38"**

(6) Pc's 1/16" Char. CMG06 Stamp Inserts

(3) Pc's 1/8" Char. CMG13 Stamp Inserts

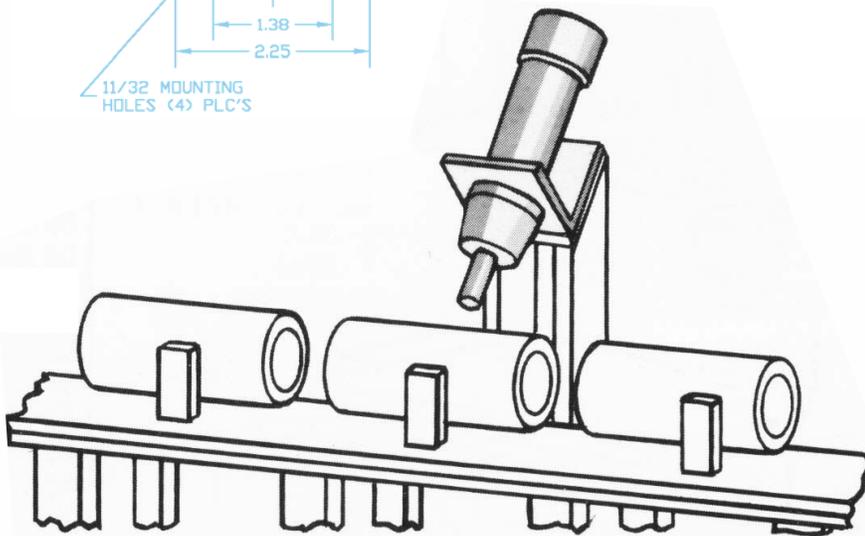
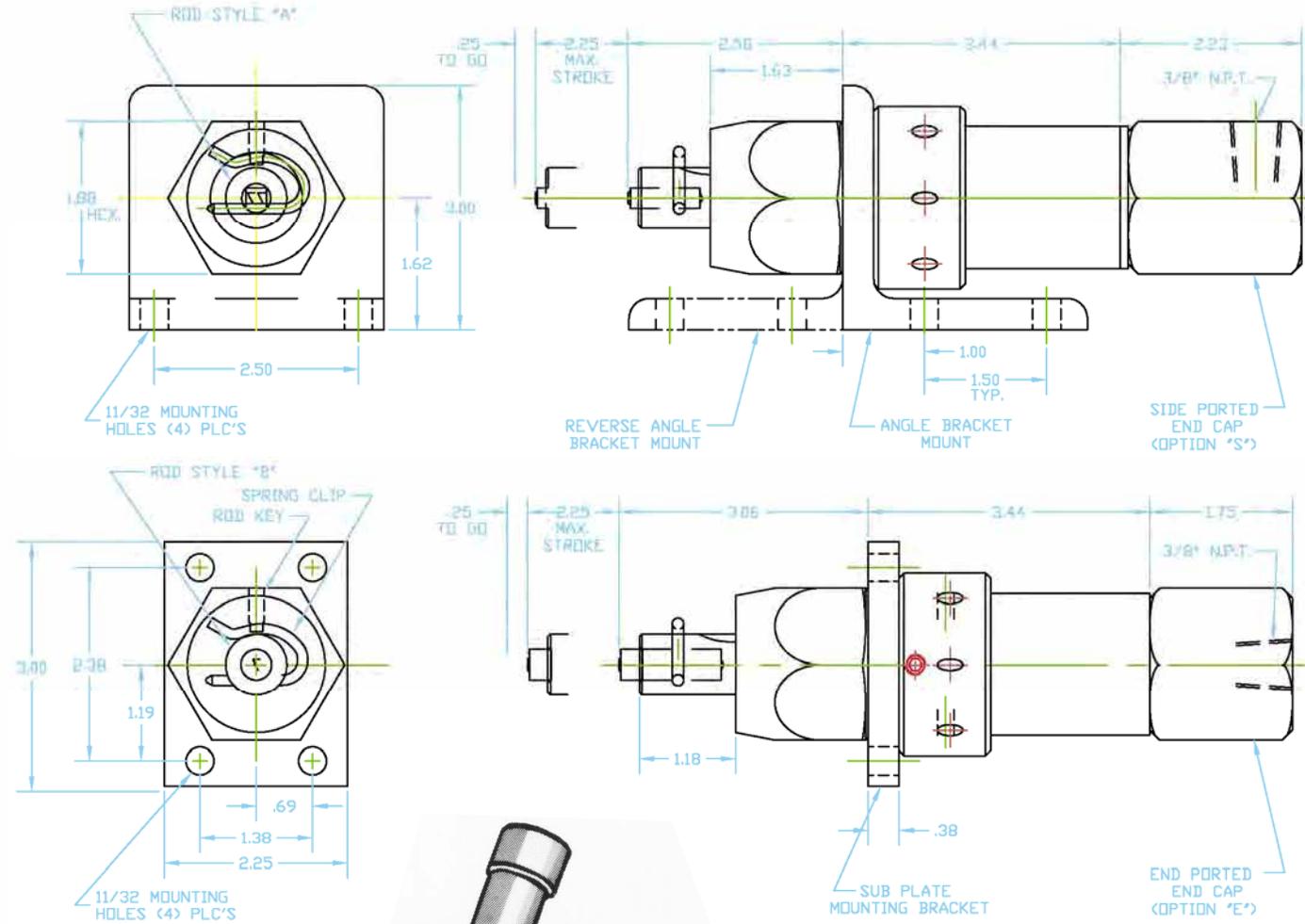


Rod Style B



Rod Style A

## Model 88 Dimensions



Shift & Operator Identification

- Custom mounting plates available upon request – Please note that mounting plates can not be removed after purchase
- OAS style rod is similar to OA style rod, with wider 3/8" pocket
- Proper backup required for parts being marked