

# BLACKHAWK

## Hot Tap & LineStop Sleeves for Cast Iron Pipe

**The SAFE  
Alternative**

Dresser time-proven sealing principle provides safety feature with 100% end-to-end gasket sealing, even in the event of sleeve rotation or pipeline break!

Dresser® Style 50 mechanical sleeves are easily integrated with **Blackhawk** LS2 LineStop™ flange fittings to provide an efficient hot tap and line stop of cast iron pipe under pressure. In addition, **Blackhawk** sleeves can be custom-built to accommodate a variety of branch outlets and coupled with Style 711 bolted couplings for all your P. E. service connection requirements.

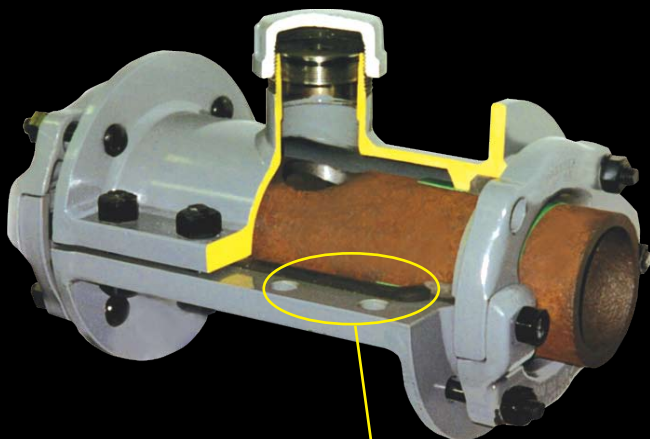
### Check out these features:

- Custom-fabricated to exact customer specifications
- Pre-engineered configurations
- Reduces inventory
- Reduces installation costs and field labor
- Eliminates the need for field welding
- Factory-tested prior to shipment
- Factory-coated with AL-CLAD™ fusion-bonded epoxy
- Ideally suited for cast iron piping applications



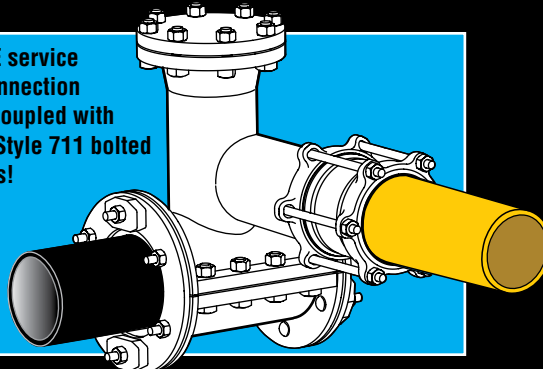
Style 50 sleeve with Blackhawk 4" LS2 150 Series welded flange fitting with 4" side outlet

Shown below is a Blackhawk LS2 150 Series weld fitting on Dresser Style 50 sleeve. CIP hot taps are certified for use in Class 1, 2, 3 & 4 locations at 100 MAOP.



Patented groove side gaskets prevent "blow-out" during installation

Offers PE service outlet connection options coupled with Dresser Style 711 bolted couplings!



## Custom-built to Your Specifications!

# DRESSER Style 50 Mechanical Split Sleeve

## The dual purpose sleeve for emergency repair or hot tapping CIP

The Dresser® Style 50 Split Sleeve is one of the more versatile products in the Dresser line. It can provide a safe, efficient method of hot tapping cast iron pipe under pressure. Or, it can be ordered without the pipe branch and serve as an emergency repair sleeve, eliminating the necessity of stocking separate tapping and repair sleeves.

Style 50 sleeves can be furnished with any size threaded, flanged or plain-end tapping branch custom-fabricated at the plant to meet any requirement. And, each sleeve can accommodate several branch sizes permitting even further inventory reductions. Branches can be supplied with special taps for insertion of bagging equipment when low pressure tapping is performed.



### Style 50 Advantages:

- **Time-proven DRESSER®** sealing principle with end-to-end gasket sealing
- **Safe & Effective** operation, even with sleeve rotation or line break
- **Insulated from the main** to meet D.O.T. standards
- **No service interruptions** during the installation procedure
- **Factory-assembled** to facilitate handling, storage and ease of installation- Sleeve halves are match-marked to assure a proper fit
- **Deflection and line stresses absorbed** when used as a repair device for complete breaks
- **Furnished with Dresser AL-CLAD™** fusion-bonded epoxy coating as standard
- **Sleeve can be pressure-tested** to ensure sealing performance prior to tapping



### Style 50 Specifications for 6" - 24" Sizes (Branch outlet sizes noted)

Pipe Nominal Size* CIP (In)	Outside Diameter (OD)	Length Between End Gaskets (In.)	Maximum Branch Size (In)	Maximum Operating Pressure**
6	6.90	10-1/2	6 IPS	100 PSI
8	9.05	12	8 IPS	
10	11.10	17-1/4	10 IPS	
12	13.20	17-1/4	12 IPS	
16	17.40	21-3/4	16 IPS	
20	21.60	24	20 IPS	
24	25.80	29	24 IPS	

### Materials of Construction

Consult Factory Per Application

NOTE: Details and pricing for sleeves with plain, flanged, threaded or Dresser-end branches can be furnished upon request.

\*Dresser Style 50 sleeves may be furnished in sizes up to 48" or larger.

\*\*Other pressures available on request

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