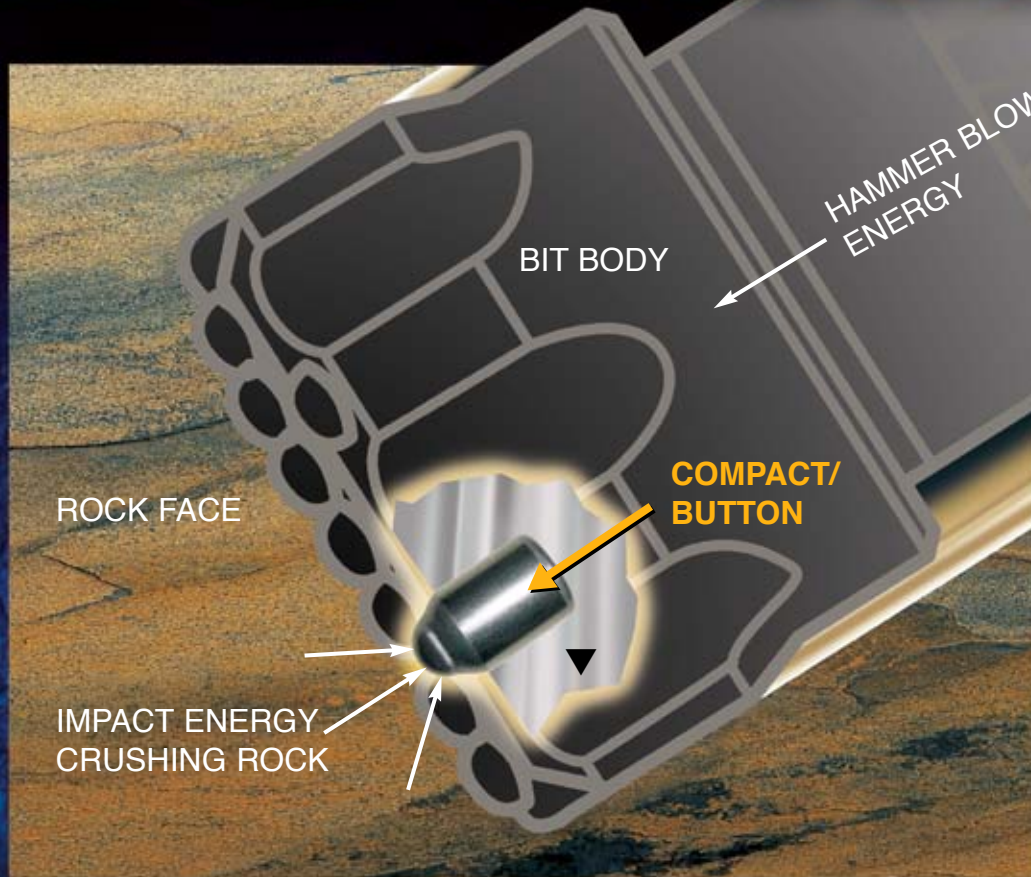


Multi-Dome Carbides



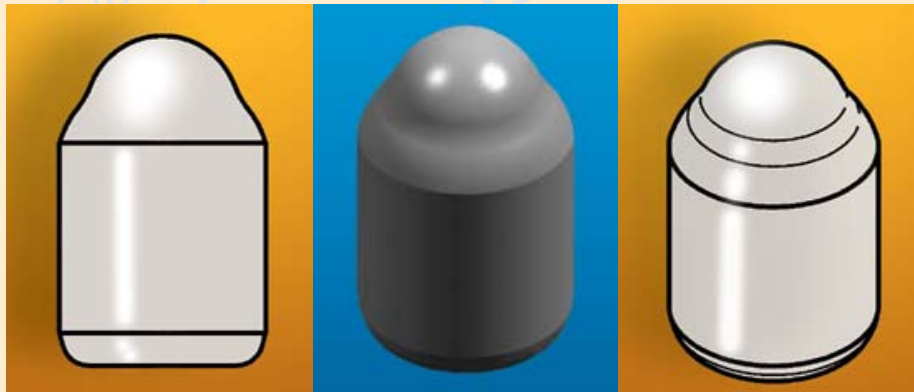
The new multi-dome carbide design gives percussion drilling a new life. Designed for heavy loading conditions, the dual diameter and greater dome height increases the insert life. The multi-dome insert imparts higher impact energy at the rock allowing for greater penetration rates.

Features & Benefits of the Multi-Dome

- Dual diameter
- Greater dome extension for increased insert life
- Faster penetration rates
- Deeper penetration rates per hammer blow
- Longer bit life from increased penetration rates
- Re-sharpening indicator
- Less carbide breakage than other, more aggressive insert shapes
- Unique hole clearance
 - Increased opportunities for unique bit designs

The unique multi-dome design is available in 3 grades – 295, 290, AF63

Multi-Dome Carbide Specifications



Rockwell "A" Grade	Binder Hardness	Binder Content	Grain Size	Typical TRS	Abrasion Resistance (1/vol loss)	Fracture Toughness (DCB)
295	90.7	6%	Medium	475	11.8	10,500
290	90.3	6%	Medium	480	9.3	11,300
AF63	89.5	6%	Coarse	450	11.4	11,100



ATI Firth Sterling

Allegheny Technologies

1297 County Line Road • Madison, AL 35756

Phone: 800-221-4273 • Fax: 800-221-1895

e-mail: sales@firthsterling.com

www.atifirthsterling.com