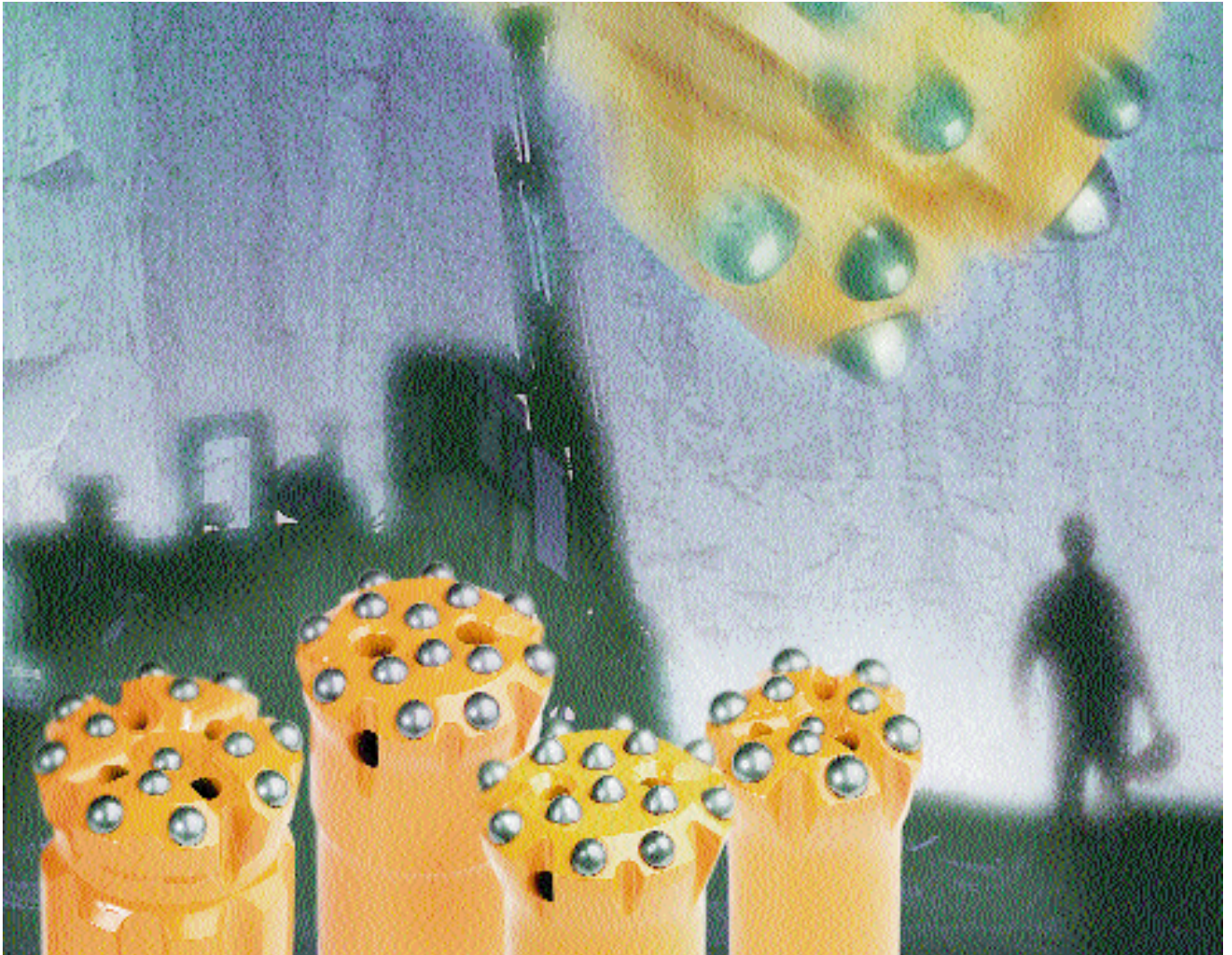


# FOCUS-21

"Heavy-Duty" button bits for  
hard and abrasive rock



**SECOROC**

A Company within the Atlas Copco Group

# Focus on productivity in the toughest conditions

Secoroc's new FOCUS-21 button bits for bench and production drilling have been specially designed for hard to very hard and abrasive rock formations. Rigorous testing with the new flat front ballistic button bit has shown not only a considerable increase in penetration rate but also a substantially longer service life\* – up to 30%.

## Focus technology and productivity

With the introduction of our FOCUS button bits, reliability and efficiency made a quantum leap. Improved raw materials, new production methods and numerous other refinements helped set the stage for a significant boost in productivity. With FOCUS-21, we've gone one step further. Which is good news for you, as you'll be getting more out of your bits – even in the toughest conditions.

## "Heavy duty" FOCUS-21 for hard and abrasive rock

FOCUS-21 heavy duty bit design features a shorter head with a much increased clearance angle of the gauge for even swifter removal of cuttings. Other features include larger, heavy duty spherical alternatively ballistic buttons, as well as large flushing holes and grooves. The flat front bits also feature more front buttons. Equipped with FOCUS-21, you can rest assured you're using button bits that can provide all the speed and durability you need.

\* compared to spherical button bits.



FOCUS-21 button bits are available with flat front or drop center front. Both designs can be delivered with standard or retrac skirt.

Thread \ Frontdesign	Flat Front, Ø mm	Drop Center, Ø mm
FI 38	64, 70, 76	64, 70, 76, 102
FI 45	76, 89, 102	89, 102
FI 51	89, 102, 115, 127	89, 102, 115, 127
ST 58	89, 102, 152	
ST 68	102, 115, 127, 140, 152	

Please take note that our range is constantly being upgraded and expanded.

# Sustain maximum penetration and service life with Secoroc grinding equipment

## Stay sharp with Secoroc

To extract full power from your hammer and squeeze the maximum penetration rate and service life from your button bits, regular grinding is essential – especially when drilling in hard to very hard and abrasive rock formations.

A bit with worn buttons quickly loses its capacity to drill accurately and crush rock efficiently. With Grind Matic, our comprehensive range of grinding machines, you can readily extend the service life of your bits. What's more you will experience far less wear and tear on your drillstring and rig.

Grind Matic is a range of efficient, ergonomically designed machines for fixed installations and field operations. Chances are we have just the right machine for your site. That includes grinding ballistic buttons, an unrivalled Secoroc speciality.

## Grind with care. Grind with Secoroc.

FOCUS-21 button bits with spherical or ballistic buttons can be reground to a perfect shape and finish in Grind Matic BQ2 or Grind Matic

Manual B, both equipped with profiled diamond-coated grinding wheels.

For small field operations, Grind Matic HG is the right choice. Grind Matic HG is a complete manual grinding system consisting of a pneumatic grinding machine with a specially designed chuck, Quick Snap, and matching grinding cups.



Grind Matic HG  
– for smaller operations



Left: Grind Matic BQ2  
– for larger operations



Right: Grind Matic Manual B  
– for small to medium-size operations

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