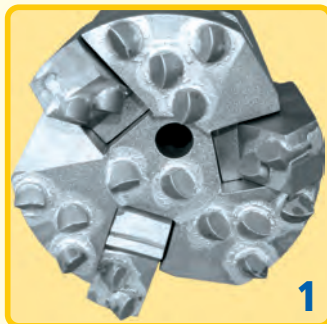


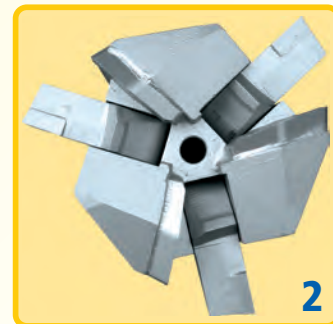


Extension Drill Bits

for Double Head Drilling Units with 2 Rotary Heads.
Application in Special Civil Engineering Underground
and Geothermal Energy.



**1. Folding bit,
button type**



**2. Folding bit,
blade type**



Extension Drill Bits

for Drillings in Overburden Grounds with Duplex Systems.

Sometimes overburden ground conditions make it necessary to drill to final depth if the bedrock is friable and broken.

Depending on the kind of rock, rotary-percussive drilling may not be required. It could be that drilling by rotary-percussive methods may not be recommended where avoidance of vibrations is required to protect structures.

In this case a rotary drill bit fitted with special folding blades to ream the hole would fulfil the drilling requirements. The rotary bit can be pulled back after drilling is complete to be re-used in future drilling.

The geometry of the TC-blades is adapted to suit the rock conditions.



Measurements of the Extension Drill Bits

Outer diameter of tube (I) and thread connection for inner tubes (II)

I	II	I	II	I	II	I	II	I	II
139,7 (115/150)	2 3/8" API Reg/IF	152,4 (127/165)	2 3/8" API Reg/IF	168,3 (138/176)	2 7/8" API Reg	177,8 (150/188)	3 1/2" API Reg	219,1 (195/233)	4 1/2" API Reg

Measurements in clamps = folded/folded out diameter. Other measurements on request.

Examples of application

