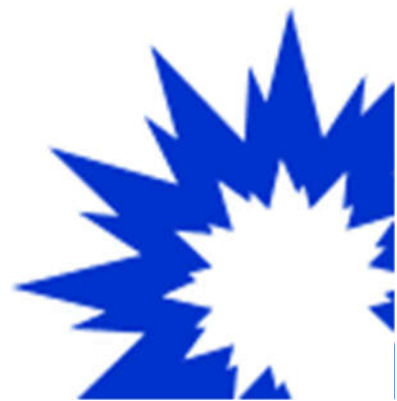


Drilling

Buying guide and nomenclature of top hammer drill bits



BUYING GUIDE

SHAPE



RETRAC

The Retrac skirt improves the straightness of drilling and limits the risk of blocking the drill string. The grooves of the bit allow better evacuation of cuttings.

STANDARD

The standard skirt is generally of a diameter smaller than that of the bit head, to facilitate the evacuation of cuttings.

HEAVY DUTY

Standard skirt with larger diameter buttons, intended for very abrasive rocks.

FACE



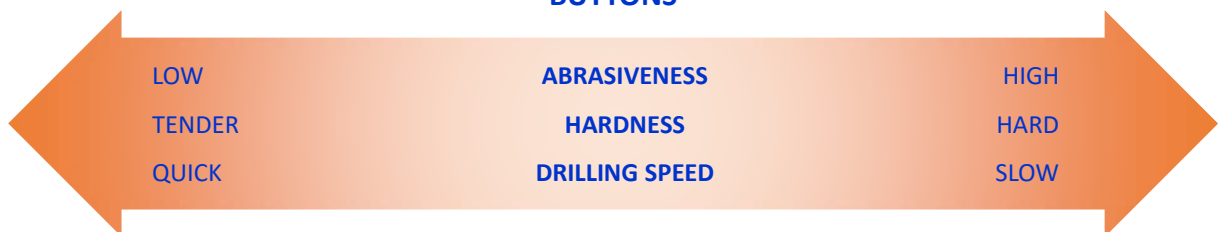
DROP CENTER

The Drop Center bit allows you to obtain straighter holes in less consolidated ground.

FLAT FACE

The Flat Face bit is recommended for homogeneous hard and abrasive ground.

BUTTONS



CONICAL

The conical button allows a faster penetration speed but wears out more quickly. It is reserved for soft and slightly abrasive ground, and Drop Center faces.



SEMI-BALLISTIC

The intermediary between the conical button and the spherical button. This is the standard button for use with soft ground



SPHERICAL

The spherical button has increased strength and lifespan. This is the standard button for hard ground, and for Heavy Duty skirts.

NOMENCLATURE

Our bits are identified by a 12 or 13 character code:

B52 089 T51 05 R

→ **The first 3 characters define the shape of the bit:**

- B50 – Drop Center – 4 flushing holes
- B51 – Drop Center Retrac – 4 flushing holes
- B60 – Drop Center – 3 flushing holes
- B61 – Drop Center Retrac – 3 flushing holes
- B52 – Flat Face
- B53 – Flat Face Retrac
- B54 – Reaming (conical face)

→ **The following 3 characters indicate the diameter of the bit.**

→ **The next 3 or 4 characters indicate the thread of the bit:**

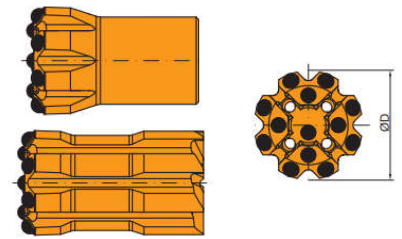
- T35, T38, T45, T51, T60, GT60.

→ **The following two figures characterize the intensity of use:**

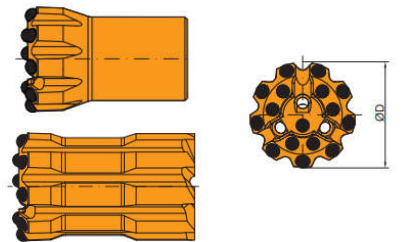
- 05 – standard or retrac
- 15 – Heavy Duty

→ **The last letter characterizes the type of buttons:**

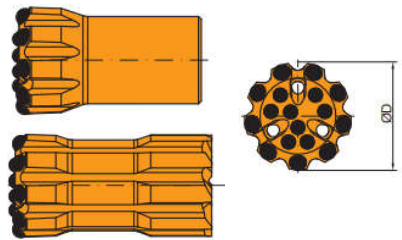
- R – Spherical button
- S – Semi-ballistic button
- C – Conical button



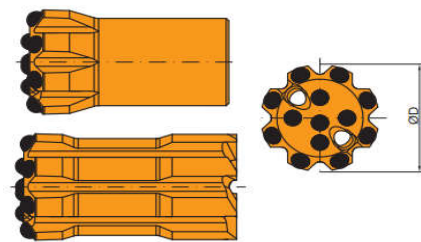
Drop Center 4 holes



Drop Center 3 holes



Flat Face



Heavy Duty

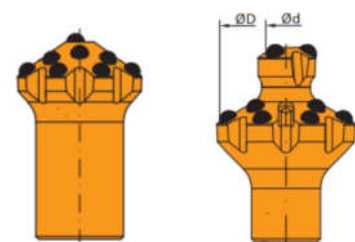
SPECIAL BITS

Please consult us for reaming bits.

Do you want tailor-made? Consult us and we will see with our partner what solutions we can offer you.

Some examples of custom bits:

- T51 bits in diameter 165 mm, 180 mm or 200 mm
- Additional side flushing hole



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