

Gator casing shoes

Technical sheet



No matter how tough the overburden, we have the ideal casing shoe for your drilling project. Our comprehensive line of Gator casing shoes includes Standard, Super, RT 64 Crown shoes and other high performance casing shoes.

Gator Standard casing shoe

Gator Standard casing shoes are ideal for drilling in shallow overburden containing sand, clay or gravel and without any boulders. They are an economical choice when the bedrock is not far from the surface.

- Diamond height of 5 mm
- 6 waterways



Gator Super casing shoe

The Gator Super shoe was developed for moderately difficult overburden that contains a lot of gravel, clay or rocks. Its matrix is taller and has better cutting properties making it ideal for deeper bedrock.

- Diamond height of 6 mm
- 8 waterways

Gator RT64 crown shoe

The RT64 Crown shoe (also known as a crown bit) features a crown that is taller and has a thicker kerf, similar to a diamond coring bit. Because of this extra height and thickness and its optimal cutting properties, it is ideal for deeper depths and going through overburden with large boulders.

The Gator RT64 Crown shoe is also available with a pre-reamed crown. The pre-reamed version will not need to be drilled out once the casing is set. This is an ideal option when the Gator super shoe does not offer high enough performance, but the regular RT64 crown shoe may be too much. This pre-reamed crown shoe will help reduce the chances of burning the bit and equipment becoming stuck in the hole.

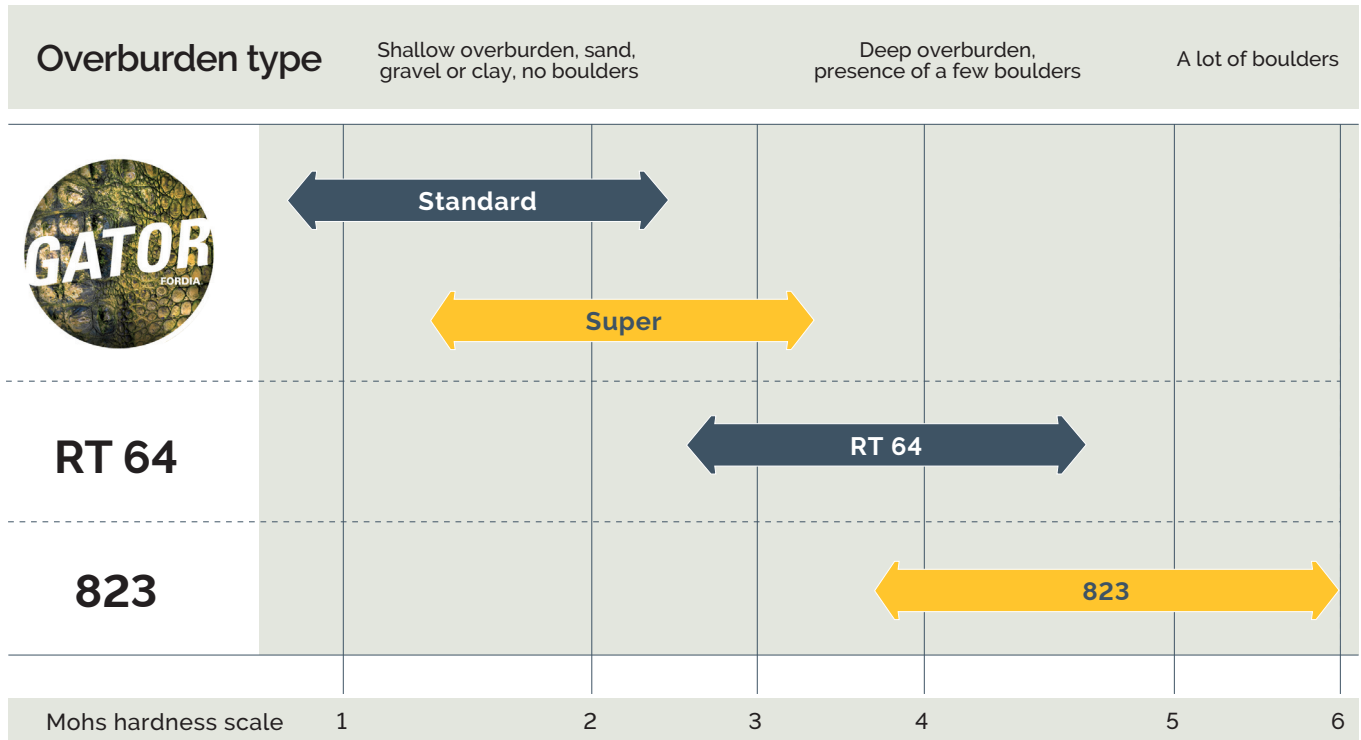
- Diamond height of 8mm
- 8-14 waterways, depending on the size



High performance casing shoes

When you need a high performing casing shoe for a specific drilling operation, Epiroc can provide custom configurations, including dimensions, sizes and matrix selections.

Casing shoes matrix selection chart



Casing shoes

Size	Standard OD (in)	Part number standard	Oversize OD (in)	Part number OS
AW	2.345	9469704437	2.500	9469704445
BW	2.965	9469704455	-	S/O
NW	3.615	9469704573	3.763	9469704587
HW	4.625	9469704506	4.805	9469712183
PW	5.650	9469704661	5.747	9469712187

Popular products

Popular products	Part number OS
NW Standard Gator, 5 mm	9469704572
NW Super Gator, 6 mm	9469704578
NW HO-thread Super Gator, 6 mm	9469704641
HWT Standard Gator, 5 mm	9469704521
HWT Super Gator, 6 mm, 10 WW	9469704527

Popular products

Popular products	Part number OS
HWT Super Gator, 6 mm, 6 WW	9469704528
HW-ID PO-OD HWT-thread Gator RT64, 8 mm	9469704516
NW/HO Gator RT64, 8 mm	9469704615
NW/HOFILHO Gator RT64, 8 mm	9469704608
NW/HOFILHO Gator RT64, 8 mm	9469704608

Refer to our Casing Shoe Matrix Selection Chart to choose the right casing shoe or contact our technical support team for assistance.