






Button bit insert types

Button type	Applications
<p>Spherical button</p> 	<ul style="list-style-type: none"> · Universal button · Wearing resistance good · Best suited to hard ground · 27,000-48,000 PSI (180 to 320 MPa) · Abrasive to very abrasive
<p>Hemispherical button</p> 	<p>Universal button</p> <p>Wearing resistance good</p> <p>Best suited to hard ground</p> <ul style="list-style-type: none"> · 25,000-45,000 PSI (170 to 300 MPa) <p>Abrasive to very abrasive</p>
<p>Parabolic button</p> 	<p>Universal button</p> <p>Fast penetration</p> <p>Best suited to medium to hard rock</p> <ul style="list-style-type: none"> · 15,000-25,000 PSI (100 to 170 MPa) <p>Mildly abrasive ground</p>
<p>Conical button</p> 	<p>Fast penetration</p> <ul style="list-style-type: none"> · Best suited for smaller diameter bits <p>Suited for all non-abrasive ground types</p>
<p>Ballistic button</p> 	<p>Fast penetration</p> <p>Best suited to soft rock</p> <ul style="list-style-type: none"> · 10,000-20,000 PSI (70 to 140 MPa) <p>Non abrasive ground</p>