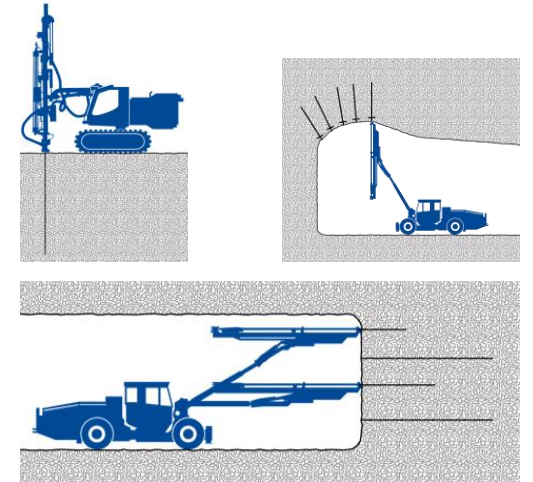
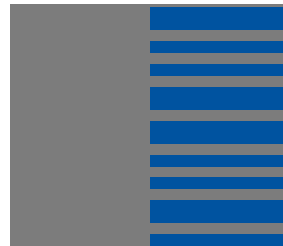


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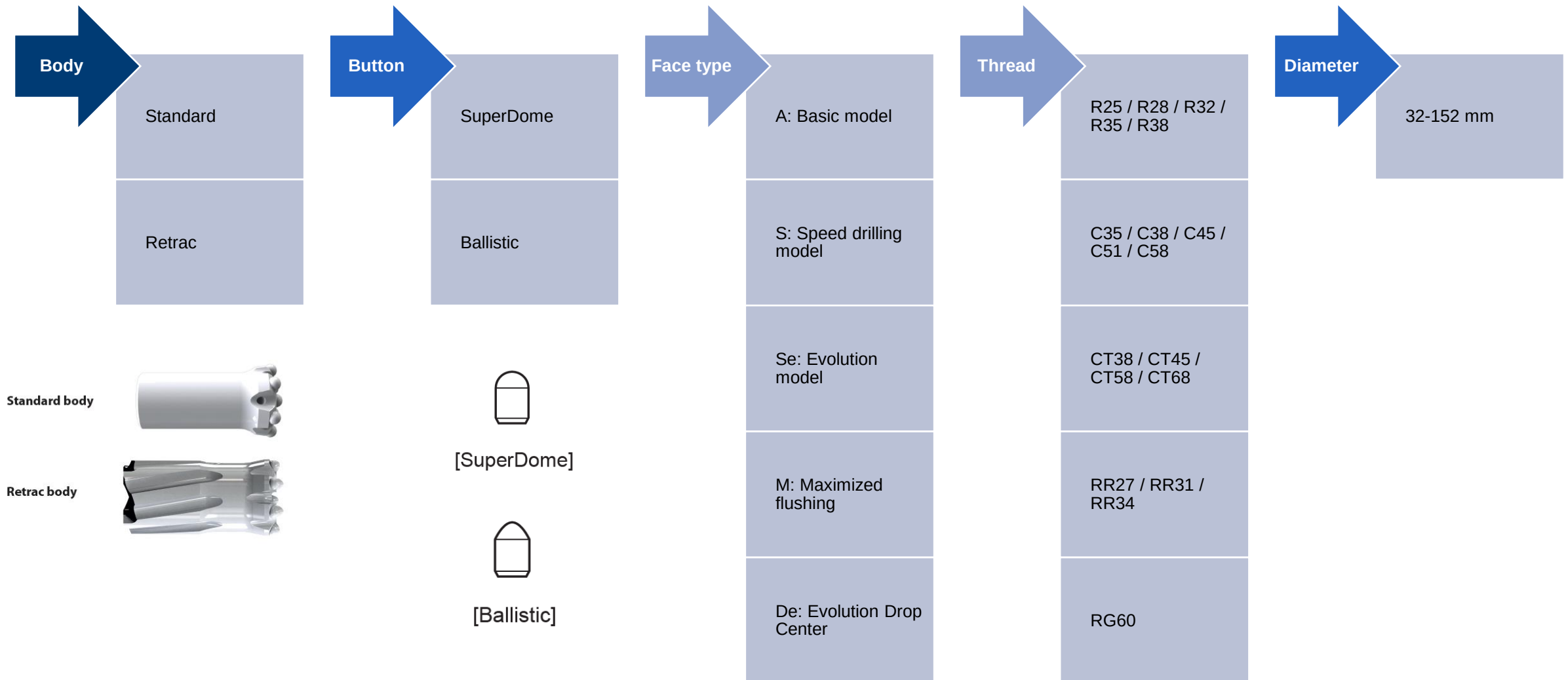
Robit TH Bit Selection

Factors affecting Bit Selection

Rock Hardness	Rock Formation	Rock Abrasiveness	Application
Very hard to hard: Greater than 36 kPsi or 250 MPa	Consolidated or homogeneous	Very abrasive: greater than 40% silica	Drifting and tunneling
Medium hard: 22-36 kPsi or 150-250 MPa	Fragmented or fractured	Abrasive: 20-40% silica	Long hole drilling
Soft: less than 22 kPsi or 150 MPa		Non-abrasive: 0-20% silica	Surface drilling



Button Bit Attributes



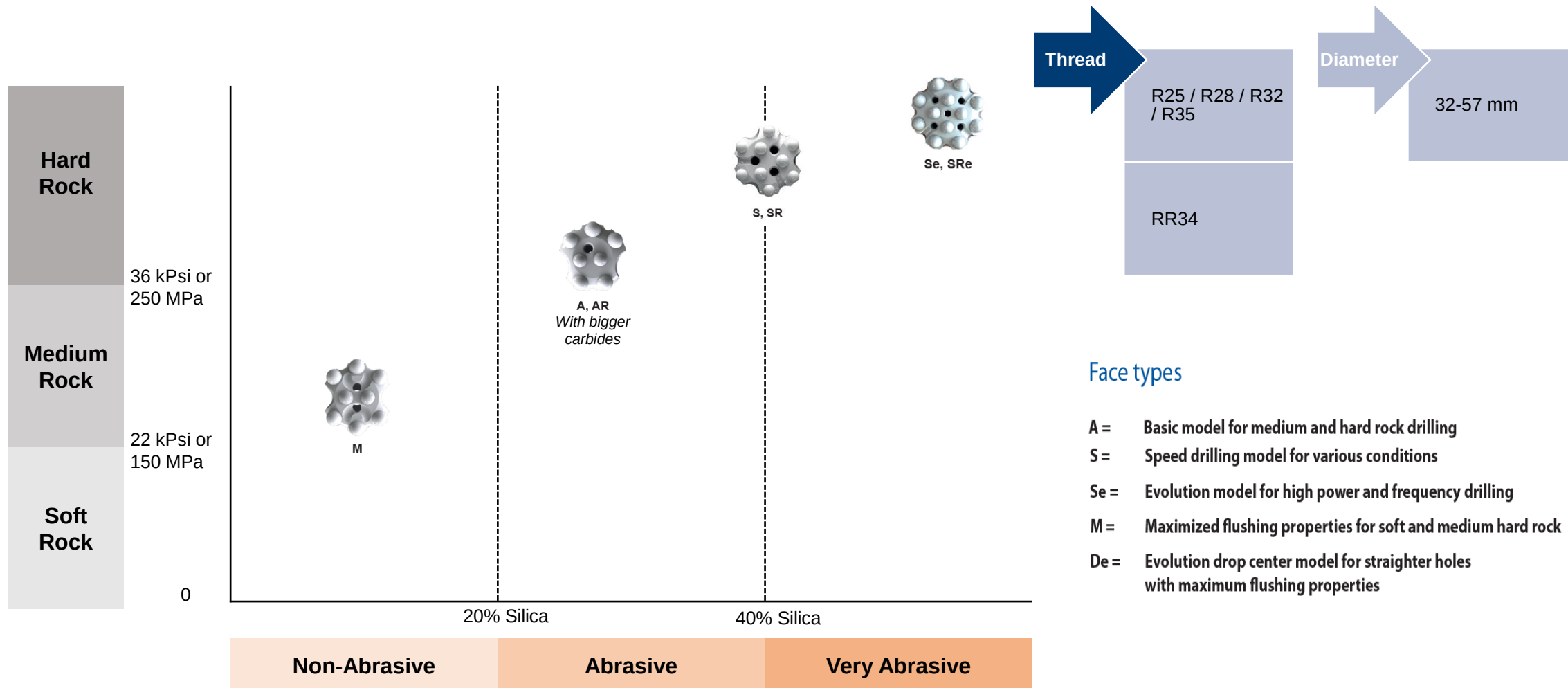
Bit Selection Process

- Mostly the customer enquiries only include thread and diameter

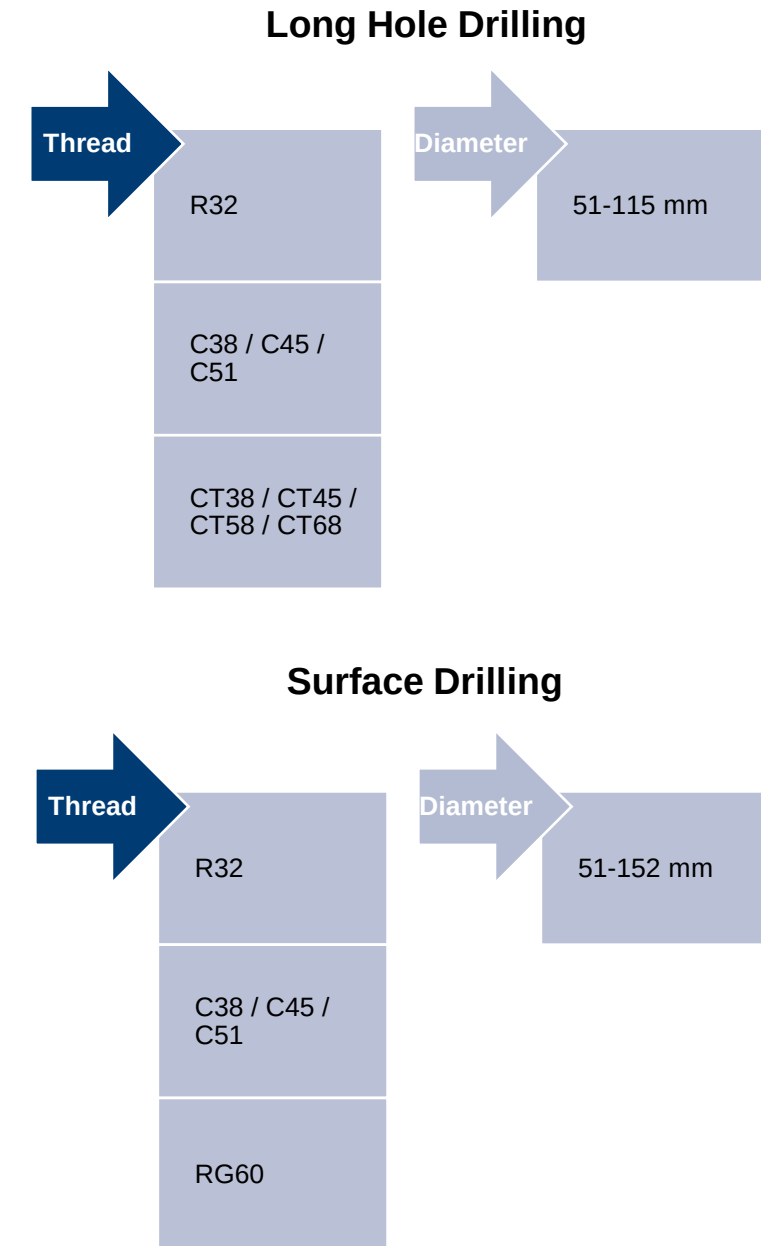
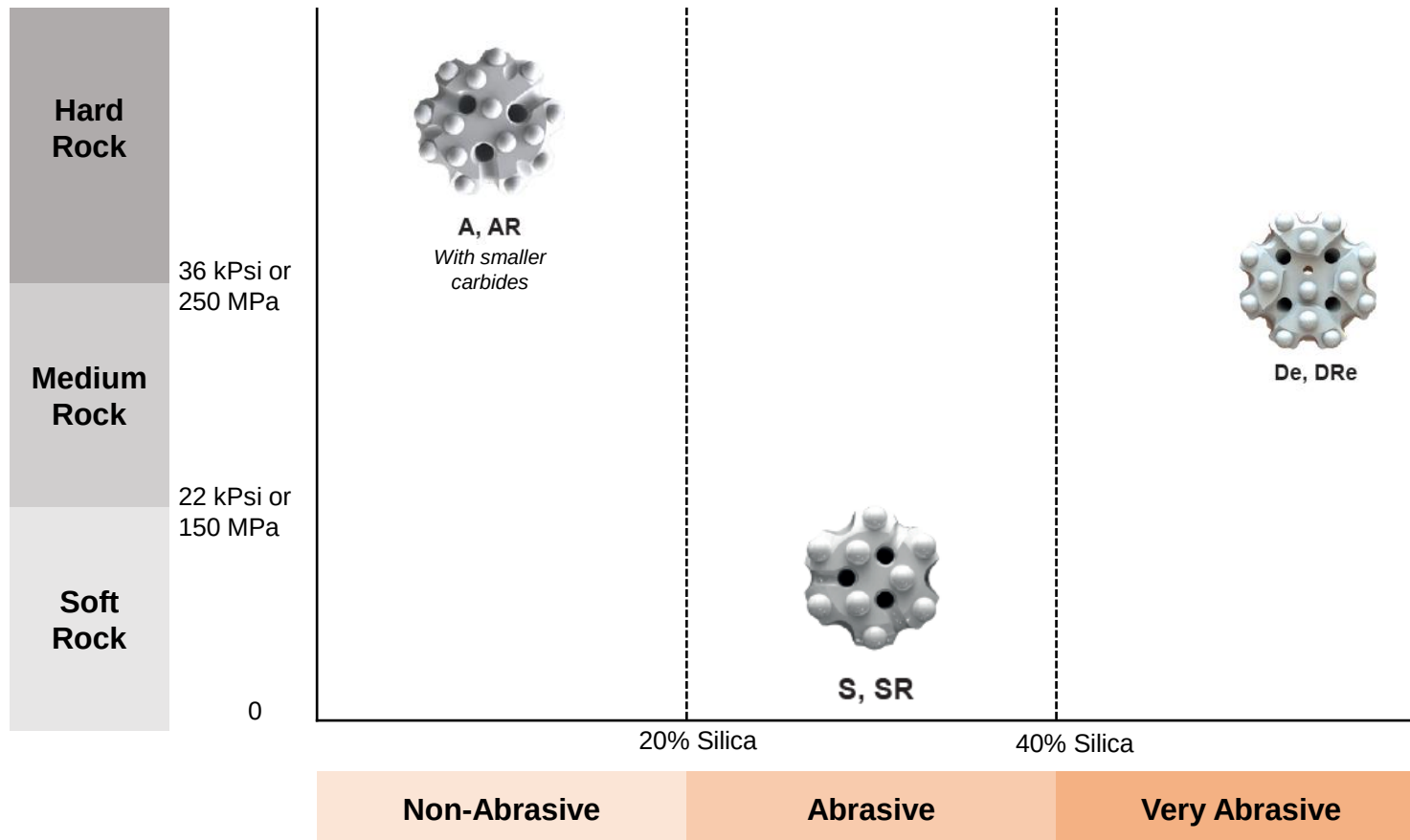
Robit's Thread Type	Other Brands thread name (compatible)	Brand Name	
R	R	Sandvik, Epiroc	
C	T	Sandvik, Epiroc	
CT	ST	Sandvik, Epiroc	
RG60	GT60	Sandvik	
27RR	SR28	Epiroc	
34RR	SR35	Epiroc	
C60	T60	Sandvik, Epiroc	
CW60	T-Wiz60	Epiroc	
	TC**	Epiroc	Offer => C
	α**	Sandvik	Offer = > 34RR or R32,R35

**These threads are patented and without compatibility to standard threads. Robit does not have the compatible threads for these. Counter offer other threads to customer.

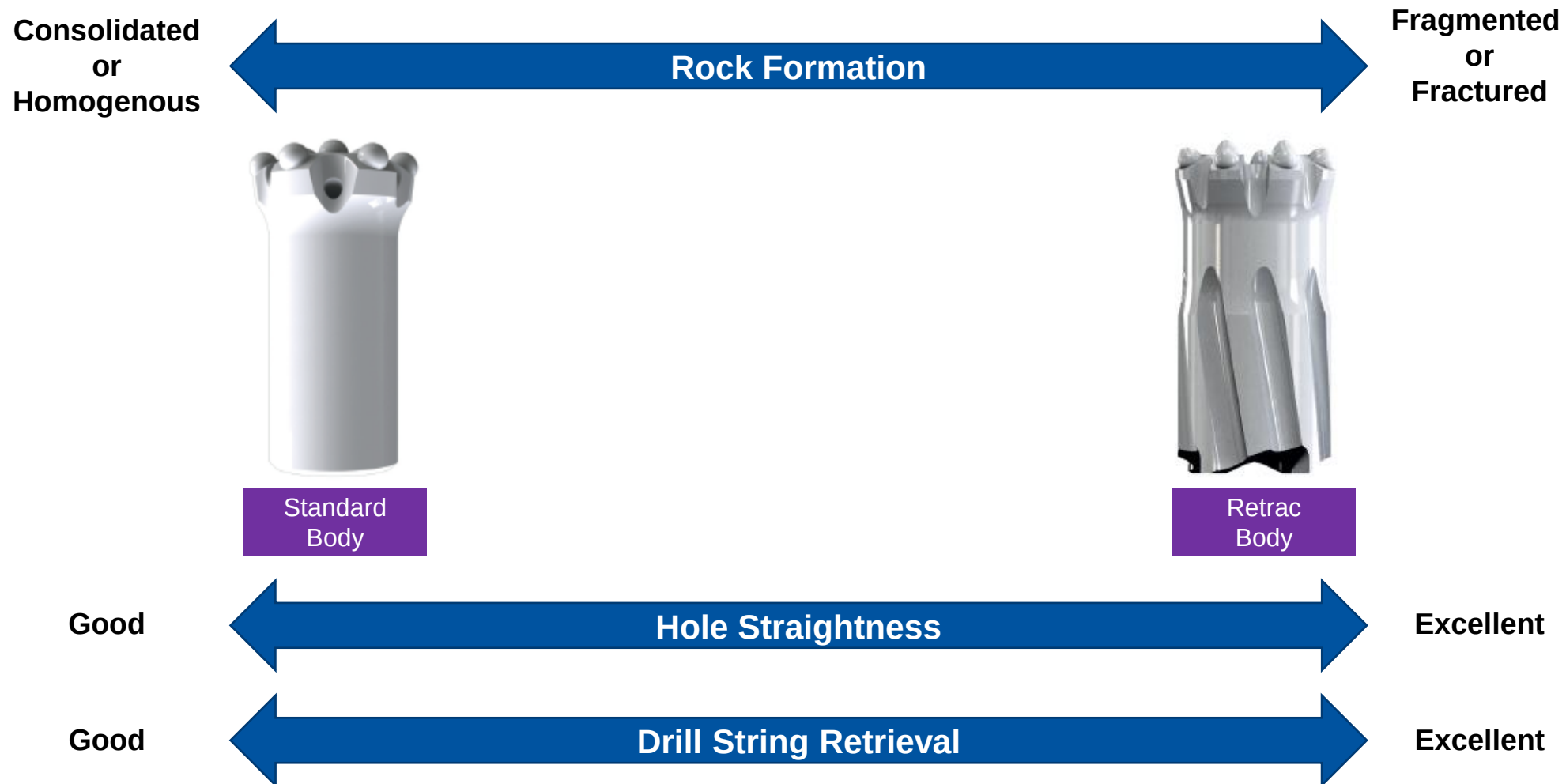
Applications: Drifting and Tunneling



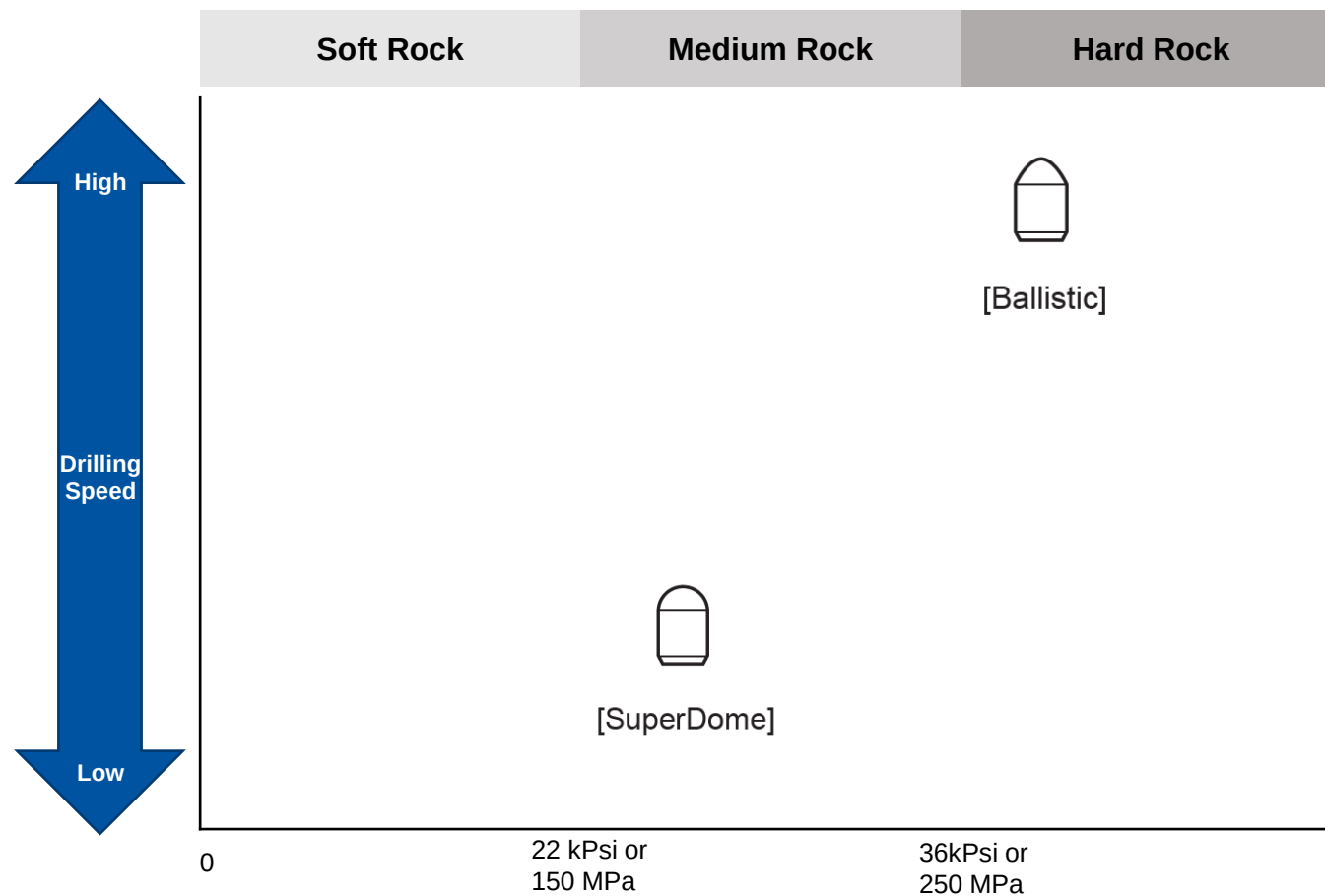
Applications: Surface and Long Hole Drilling



Selecting Button Bit Body



Drilling Speed versus Rock Homogenous



*General recommendation**

Semi-ball will break better hard rock, but rocks needs to be homogenous.

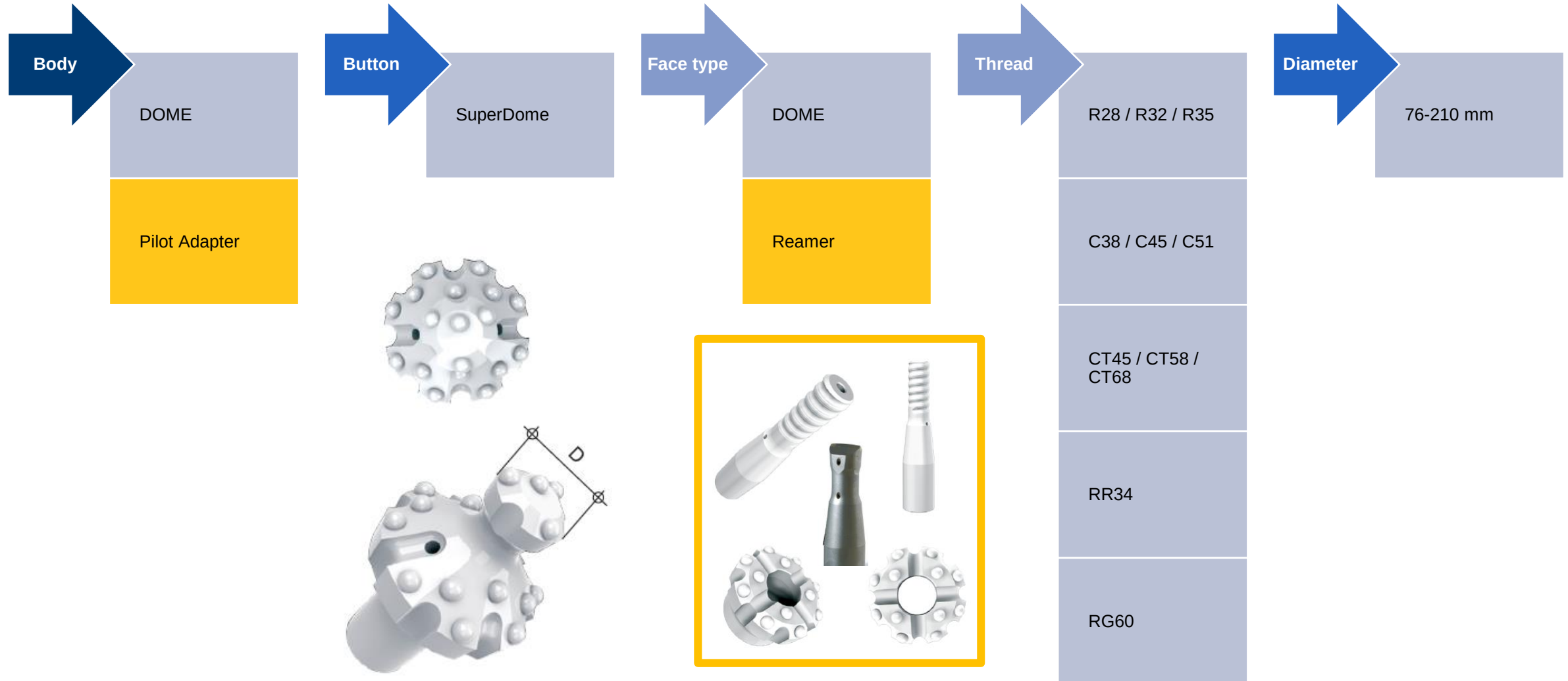
Superdome buttons will withstand better different conditions, so its suitable for broken rock or non-homogenous.

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Reaming Equipment

Dome Reamers,
Adapters & Reamers

Dome Reamers



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