

WORKING TOOLS FOR VANROCK HYDRAULIC BREAKERS

Precision Design

Each working tool is meticulously manufactured to match the design, tolerances, and performance specifications of Vanrock breakers.

High Alloy Steel

Crafted from a specially formulated alloy with exceptional purity, our working tools are designed to minimize the risk of breakage. High purity reduces weak spots that could lead to cracks, especially near the surface.

Optimum Hardness Ratio

Maintaining the ideal hardness ratio between the working tool's impact surface and the piston is crucial to prevent serious damage to either component.

Impeccably Flat Impact Surface

The impact surface of our tools is engineered to be perfectly flat. This precision ensures maximum energy transmission from the piston to the rock, minimizing the risk of damage to critical components.

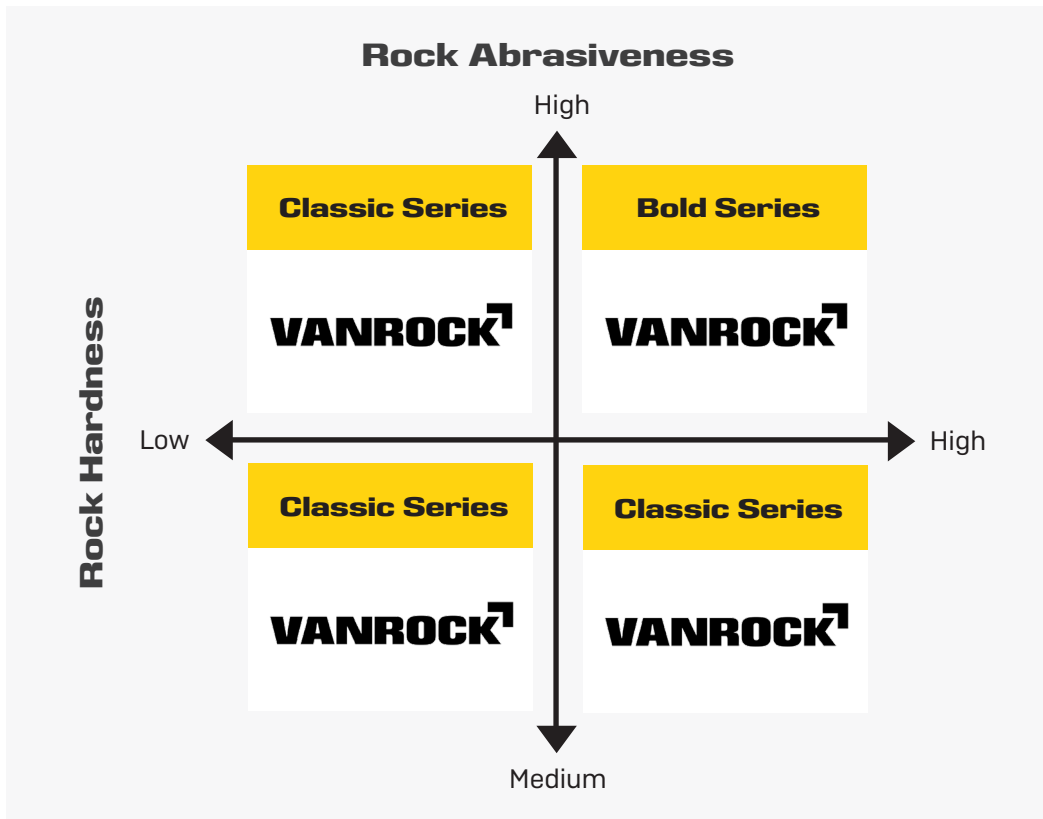
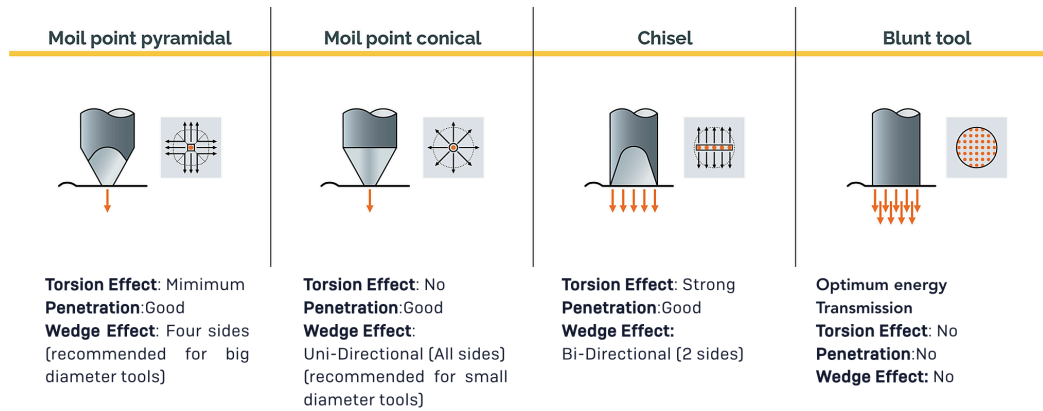
High Hardness Depth and Soft Core

The high alloy allows for a deeper hardening of the tool's shell while maintaining a soft core. Soft Core enhances durability against bending stresses. Hardened surface remains intact and prolongs the tool life compared to the non-genuine tools on the market.

Consistency

Our commitment to quality begins with the selection of the finest raw materials and extends through advanced machining processes and state-of-the-art heat treatment. This ensures that every Vanrock working tool possesses uniform properties, enabling predictability in performance and durability.

Overview



Recommendations

Material	Use	Specifications	Tool type
Concrete	Thin and thick floors, walls	Reinforced	Chisel
		Non-reinforced	Moil point
	Foundations	Reinforced	Chisel
		Non-reinforced	Moil point
Blocks, columns, support	Reinforced	Chisel	
Recycling	-	Blunt tool	
Sedimentary rock (limestone, sandstone, graywacke, calcareous sediment)	Trenching, foundation work, primary quarry breaking	Heavily fissured	Chisel
		Lightly fissured	Moil point
		Monolithic	Moil point
Breaking oversizes	-	Blunt tool	
Crystalline/ magmatic rock (magma, greenstone, gabbro, granite...)	Trenching, foundation work, primary quarry breaking	Heavily fissured	Chisel
		Lightly fissured	Blunt tool
		Monolithic	Blunt tool
Breaking oversizes	-	Blunt tool	
Asphalt	Road surfaces, transport routes	Soft structures	Chisel/wide chisel/asphalt cutter
Soil	Frozen ground	-	Chisel/wide chisel/asphalt cutter

Innovating your present, engineering your future
– let's lead the way together!

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