

POLAR VORTEX

Used Drill Bits

1st digit

2nd digit

3rd digit

CUTTING STRUCTURE SERIES

STEEL TOOTH BITS	Soft Formations with Low Compressive Strength and High Drillability	1
	Medium to Medium Hard Formations with High Compressive Strength	2
	Hard Semi-Abrasive and Abrasive Formations	3
INSERT BITS	Soft Formations with Low Compressive Strength and High Drillability	4
	Soft to Medium Formations with Low Compressive Strength	5
	Medium Hard Formations with High Compressive Strength	6
	Hard Semi-Abrasive and Abrasive Formations	7
	Extremely Hard and Abrasive Formations	8

CUTTING STRUCTURE TYPE (1 to 4)

1	Softest
2	↓
3	
4	Hardest

BEARING/GAUGE DESCRIPTION

Standard Roller Bearing	1
Roller Bearing Air Cooled	2
Roller Bearing Gauge Protected	3
Sealed Roller Bearing	4
Sealed Roller Brg - Gauge Protected	5
Sealed Friction Bearing	6
Sealed Friction Brg Gauge Protected	7

