

Roller Cone Product Line Nomenclature

Prefix - Bit Type

L	Workover
LH	Workover Open Bearing
E	EVEREST Open Bearing
EB	EVEREST Base
ES	EVEREST Summit
CM	COMPASS
AF	A-FORCE
HE	HIGH ENERGY
SRP	SLIPSTREAM
ER	Engineering Research

Number Designation

E&L One Digit

#

Hardest to Softest (1-3)

One Digit

#

Steel Tooth Cutting Structure
Softest to Hardest (1-6)

Two Digit

#

TCI Cutting Structure
Softest to Hardest (00-99)

Even Numbers

Predominately chisel shaped inserts

Odd Numbers

Predominately conical shaped inserts

Three Digit

#

IADC Code

Diamond Features

D	33% Back Row
D1	50% Back Row
D2	66% Back Row
D3	100% Back Row
DD	33% Back Row +100% Gauge
D1D	50% Back Row +100% Gauge
D2D	66% Back Row +100% Gauge
D3D	100% Back Row +100% Gauge
D3DDD	Full Diamond Structure

Suffix Features

E	Tungsten Carbide Coated Cones
G	Cone Back Row Insert Protection
H	Steel Center Air Jet Nozzle (> 7-7/8" only)
J	Center Jet Nozzle (> 7-7/8" only)
V	V-Jet Hydraulics
M	Shirttail Hardfacing
R	Stabilization Inserts
S	Leading Edge Shirttail Inserts
Z	Diamond Enhanced Shirttail
P	EdgeGuard (Shirttail Tip Protection)
K	Skirted Shirttail for Reserve Circulation
X	Non-standard Feature