TCI Tricone Bits IADC515

Basical Specification	
Size of Rock Bit	3 inches to 26" （76mm to 660.4mm）
Bit Type	TCI Tricone Bit
Thread Connection	API REG PIN
IADC Code	IADC515
Bearing Type	Roller-Ball-Roller-Thrust
Bearing Seal	Button/Sealed bearing roller bit
Heel Protection	Available
Shirttail Protection	Hardmetal and wear resistant carbide on shirttail lip and lug.
Circulation Type	Jet Air
Drilling Condition	Rotary drilling,high temp drilling,deep drilling,motor drilling
Application	12,000-18,000 Psi
Cutting Structure	Chisel on gage, conical on inner rows
Product Weight	65kgs
Inner and Nose Rows	Conical
Gage Rows	Chisel
Gage Bevel Production	Ovoid
Operating Parameters	
WOB (Weight On Bit) Lbs	13,500-45,000
RPM(r/min)	80-110
Air Back Pressure(Mpa)	0.2-0.4
Formation	Medium soft formations with low compressive strength, such as shale, soft limestone, interbedded dolomite, coal ore.
Model	Steel tooth bit & TCI Bit
IADC CODE	111, 114, 115, 116, 117, 121, 124, 125, 126, 127, 131, 135, 136, 137, 214, 216, 217, 225, 226, 226, 235, 237, 314, 315, 316, 317, 325, 326, 327, 335, 336, 337, 347, 417, 427, 437, 517, 527, 537, .617, 627, 637, 737, 837, 832, 415, 425, 435, 445 ,525 ,625, 635, 412, 415, 416, 422, 425, 427, 435, 436, 446, 447, 516, 526, 532, 535, 536, 537, 542, 545, 547, 615, 622, 632, 635, 642, 645, 715, 722, 725, 732, 735, 742, 745, 825, 832, 835, 845
Available sizes	From 2 7/8 to 36"Larger sizes for hole opener bit ,reamer bit
Advantage	most favourable price and best qualtity
Bearing type.	Sealed bearing and non-sealed bearingHJ (metal sealed journal bearing) HA (rubber sealed joumalbearingAircooled bearing type)
Formation or layer	soft, medium soft, hard, medium hard, very hard formation
Button size (extra features)	Button bit, saw teeth 1. Y-Conical teeth 2. X-Chisel teeth 3. K- wide teeth 4.G- Gague protection
Material	Alloy steel, Carbide

Application	Petroleum & gas, water well, mining and tectonic industries, oil field, construction, geothemal, directional boring, HDD drilling and underground foundation work.