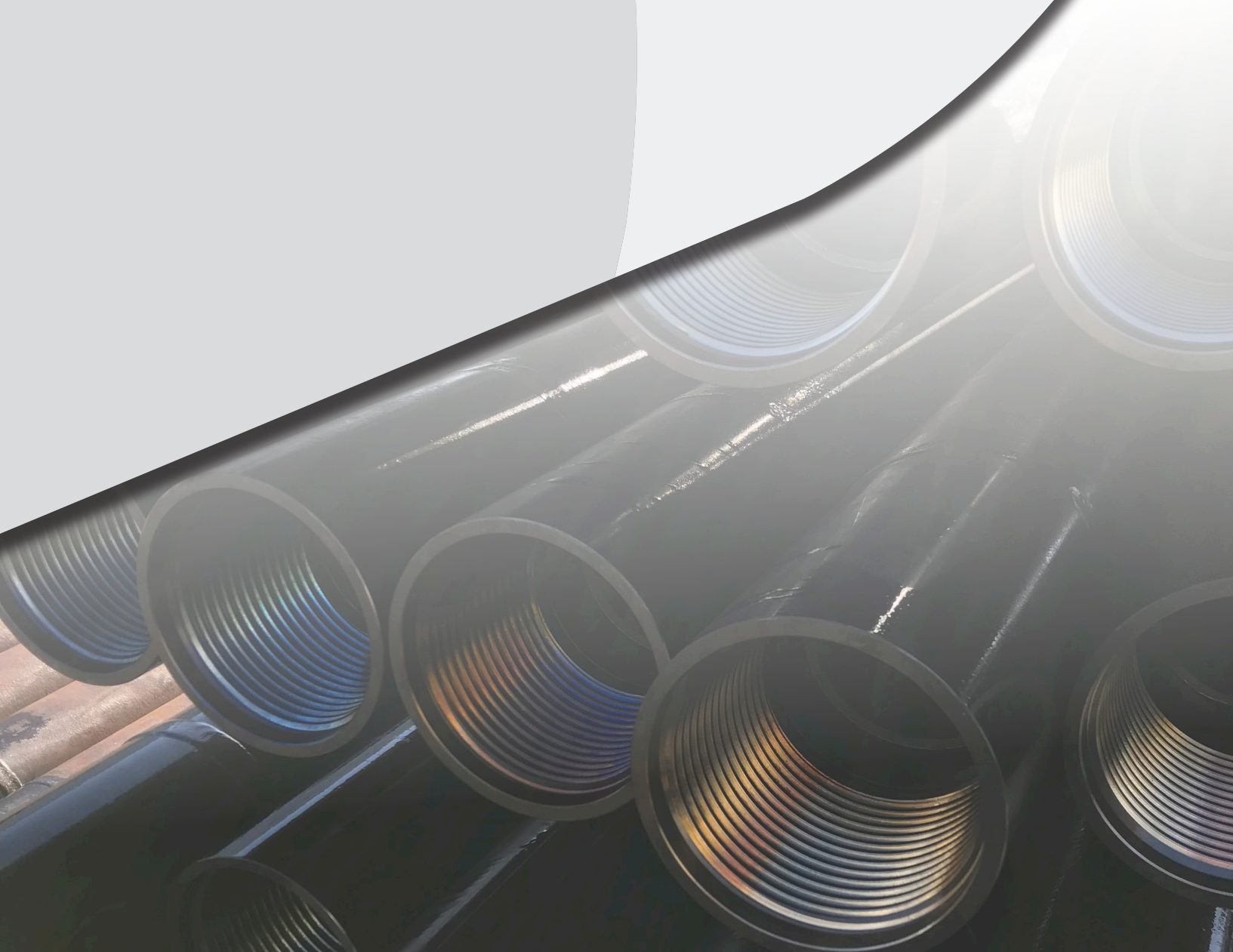




ROCKWELL DRILLING TOOLS

Designing and producing
superior drilling products



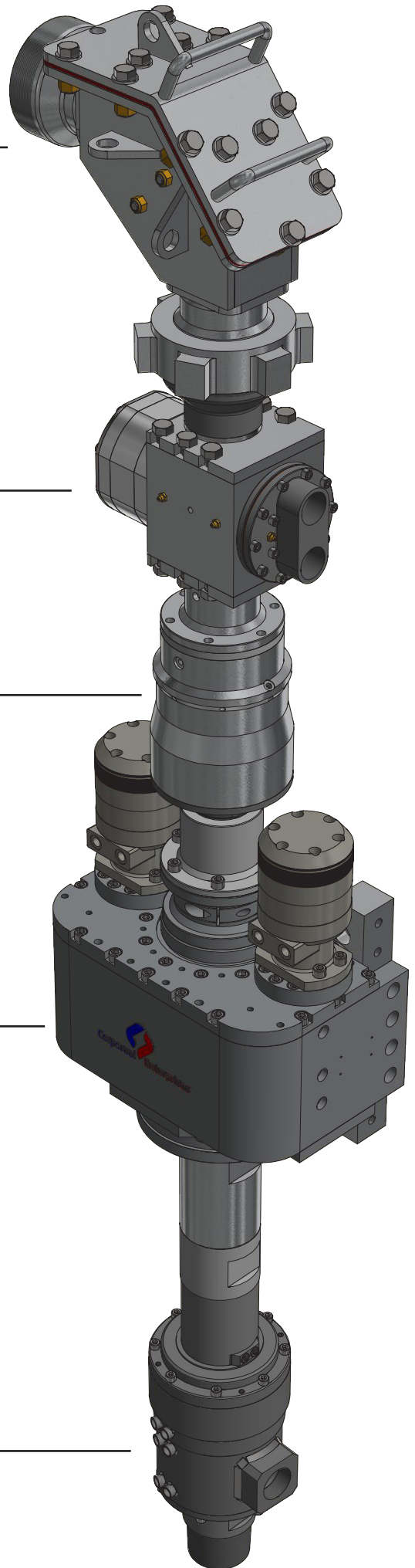
DEFLECTOR WITH DUROBLOCK TUNGSTENWEAR TILE:
M4325-62

CE50 AUTO BLOW BACK BLOW DOWN UNIT:
M4057-62

CE60 SRS-2 SAMPLE SWIVEL:
M4745-62

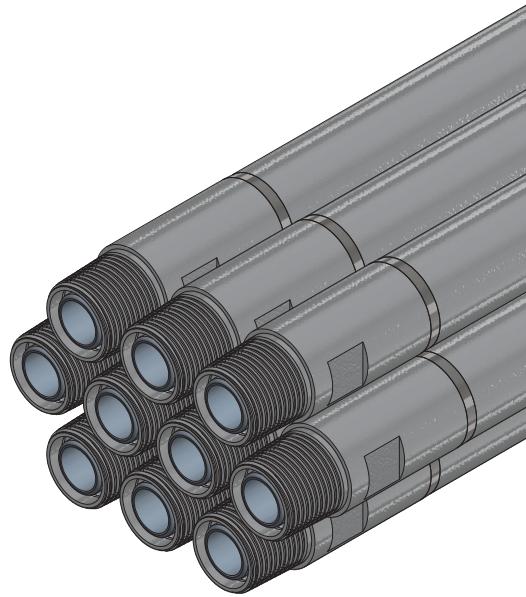
CORPORAAL ENTERPRISES - CE8 ROTARY HEAD:
P2734-62

4.5 ENDURO AIR SWIVEL - SEAL CARTRIDGE TYPE:
M4048-62



DRILL RODS

Our drill rods are all manufactured from high tensile steels to produce a superior product and a longer lasting life cycle. The hardened tool joint ends help prevent premature deterioration and galling when torquing up the drill string joints. We manufacture in a wide selection of thread choices show in the below chart



Polyurethane-ULTRA ROD SEAL

Go further with our Polyurethane-ULTRA seals; these seals are produced for the best life expectancy from any drill rod seal available on the market today.

The Polyurethane-ULTRA seals are longer lasting than more commonly used ROT-95 polyurethane, boasting more abrasion resistance, greater temperature range (-50° to +120°) higher tensile strength (so they can take a beating) and a superior compression rate for better sealing.

REVERSE CIRCULATION AND AIR-CORE

OUTSIDE DIAMETER Ø	THREAD	TYPICAL SHOULDER TO SHOULDER LENGTH	SPANNER FLATS	WEIGHT (with innertube)	INNER TUBE BORE	PART No.
Ø2" (50.8mm)	48 ARD	2m	45mm	17kg	19mm	-
Ø2 13/32" (61mm)	CE60	2m	51mm	24kg	30mm	M4221-62
Ø3" (76mm)	73 ARD	3m	60mm	43kg	37mm	M3992-62
Ø3" (76mm)	3" RCR	3m	60mm	43kg	37mm	-
Ø3 1/2" (90mm)	90 ARD/A	3m	78mm	55kg	45mm	-
Ø4" (101mm)	4" RCM	6m	89mm	170kg	45mm	-
Ø4" (101mm)	102 ARD	6m	89mm	170kg	49mm	-
Ø4" (101mm)	4" RRE	6m	89mm	170kg	49mm	M4222-62
Ø4 (101mm)	4" RCR	6m	86mm	168kg	45mm	-
Ø4 1/2" (114mm)	115 ARDX	6m	102mm	187kg	49mm	M4426-62
Ø4 1/2" (114mm)	4 1/2" RRE	6m	100mm	186kg	49mm	M4216-62
Ø4 1/2" (114mm)	4 1/2" RCR	6m	102mm	188kg	49mm	M4047-62
Ø4 1/2" (114mm)	4 1/2" RCM	6m	95mm	185kg	49mm	-
Ø5" (127mm)	5" RRE	6m	106mm	230kg	60mm	-
Ø5" (127mm)	5" RCM	6m	106mm	185kg	60mm	-

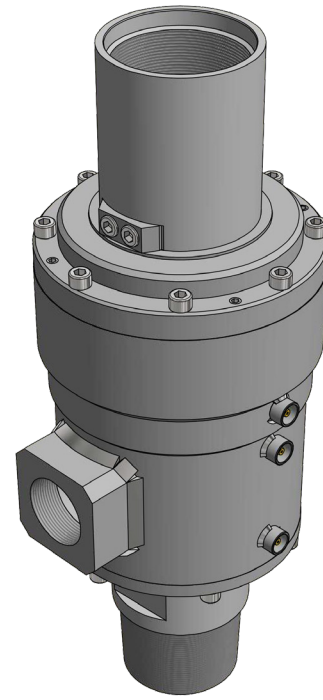
For all other drilling techniques, we can provide drill rod length & thread configuration on request such as but not limited to:

CUBEX, API - REG, API - IF, API - FH, NC, MAYHEW, BECO

SWIVELS

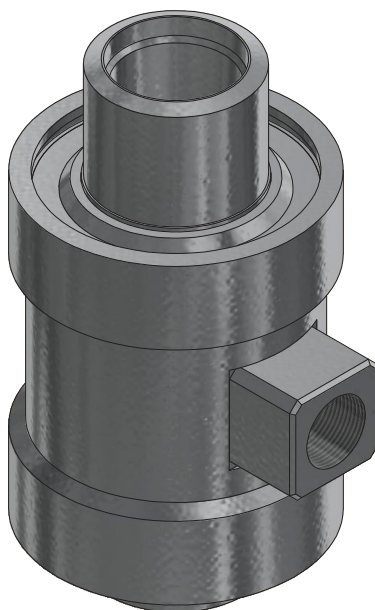
The 120CE ENDURO air swivel is designed to be durable and reliable. Rather than the more commonly used o'ring seals used by other manufacturers, the 120CE ENDURO air swivel uses high temp, high pressure rotary seals, allowing for a longer service life and more dependability.

In most cases when it is time to replace an air swivels seals, it's necessary to remove the swivel from the drill head which is a lengthy and laborious process, bring an extended halt to drilling. This is NOT the case for the 120CE ENDURO air swivel, the swivel can remain attached to the drill head with the bull hose fitted. Simply use jacking bolts to pop the seal cartridge out from the bottom of the swivel, exchange the old seals for new ones and reinstall the seal cartridge. Less frequent and easier serviceability allows for less down time and more drilling.

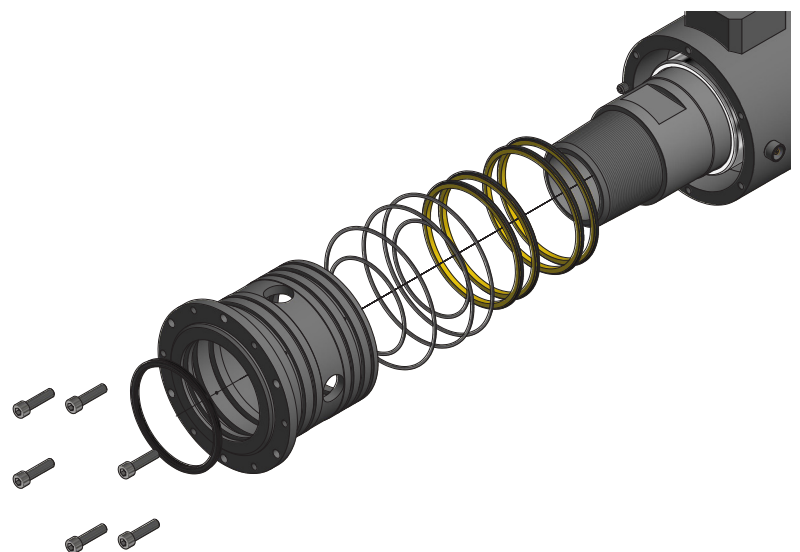


**4 1/2" ENDURO AIR SWIVEL
M4048-62**

- SPECIALLY DEVELOPED ROTARY SEALS RATED UPTO 4300 PSI AT -50° TO +200°
 - HARD CHROMED SEAL SLEEVE
- EASIER SERVICEABILITY, THIS SWIVEL CAN BE SERVICED WHILE STILL ATTACHED TO THE RIG

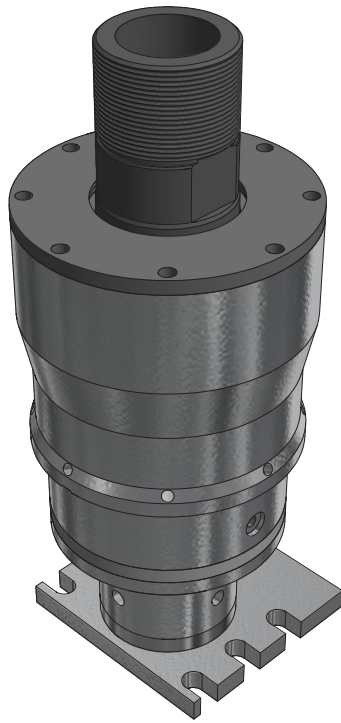


**3 1/2" ENDURO AIR SWIVEL
M3955-62**



Like its larger counter part, the 3 1/2" ENDURO air swivel is equipped with high temp, high pressure rotary seals & hard chromed seal sleeves. This swivel is ideal for Aircore set ups.

SWIVELS

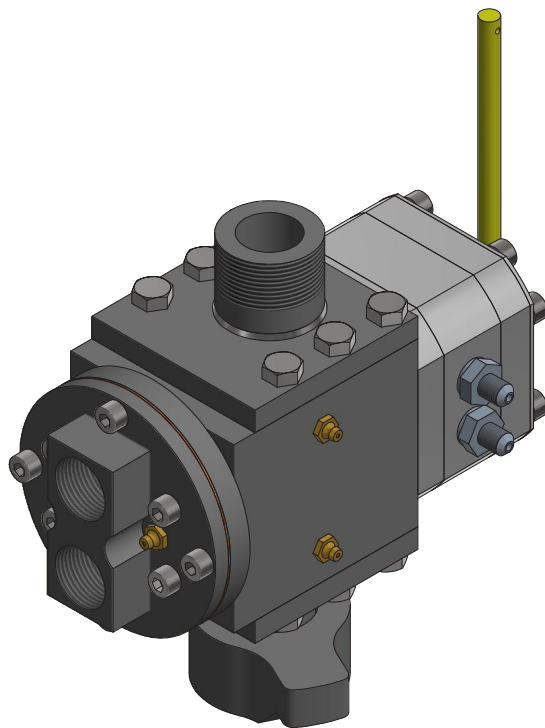


CE60-SRS 2 SAMPLE SWIVEL
M4745-62

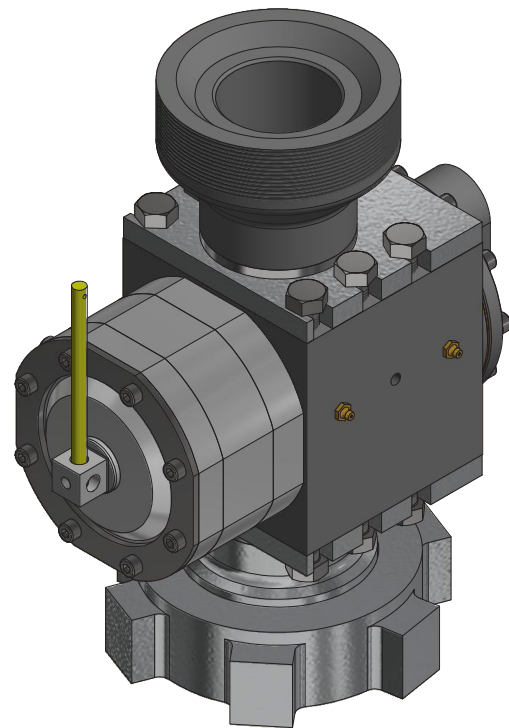
Our CE60-SRS 2 sample swivel is equipped with opposing dual spherical roller bearings which are widely spaced to evenly distribute torque through the housing and shaft, maximizing bearing life and making it robust enough to cope with the challenging conditions of testing environments.

The CE60-SRS 2 sample swivel run v pack seals at the top end, which are easily replace by simply removing the blowdown adapter plate. The seals are run on a hard chrome and ground sleeve, making this sleeve as the replaceable sealing surface rather than on the shaft is far more cost effective.

BLOW DOWNS



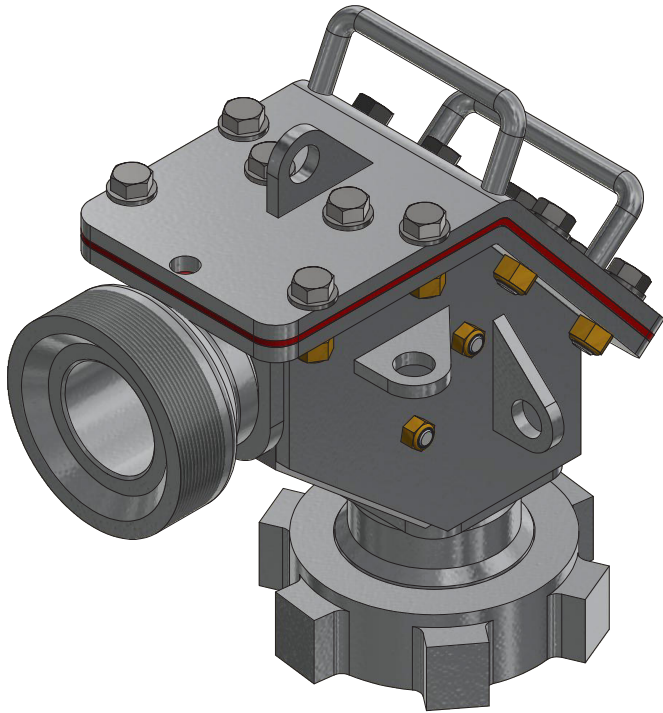
CE30 BLOW DOWN
P4822-62



CE50 BLOW DOWN
M4057-62

We offer two different size blowdown units, the CE50 SRS BBD durable workhorse & the smaller more compact CE30 SRS BBD for more fine-tuned RC or air core applications.

DEFLECTORS



CE80 MARATHON DEFLECTOR
M4283-62

We provide a whole range of deflector boxes from the more common 27° and 90° deflector boxes to specialized “dog leg” configurations.

What sets our deflectors apart from the rest is the longevity we can achieve thanks to the high tensile build of the deflector body & the low wearing long lasting duroBlock. The duroBlock can achieve 5x the life of standard bisalloy or ceramic wear blocks, if not more.

We also manufacture hard pipe extension tubes for hard plumbing, hose tails, knock on nuts & weld on mushrooms.

DEFLECTOR	DEFLECTON ANGLE	THREAD OPTIONS	TILE OPTIONS
2"	30°, 45°	NPT, BSP, DIXON, DSC, DSF	ceramic, bisalloy
3"	27°, 40°	ACME, BSP, DSC, DSF	ceramic, bisalloy, duroblock
4"	27°, 40°, “dogleg”	ACME, FLANGE	ceramic, bisalloy, duroblock
5"	27°, 40°, “dogleg”	ACME, FLANGE	bisalloy, duroblock

We can provide all you need from

Swivels, Blow downs, Rods, Subs, Digout subs, Shock subs, Air core bits, Hole openers, Stabilizers, Deflector boxes, Sample hose & fittings, Stuffing boxes, Fishing tools, Lifting bails & sample bags

If you require top quality drilling consumables to get the edge of the competition call one of our sales team members today for a quote

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Email - sales@corporaal.com.au