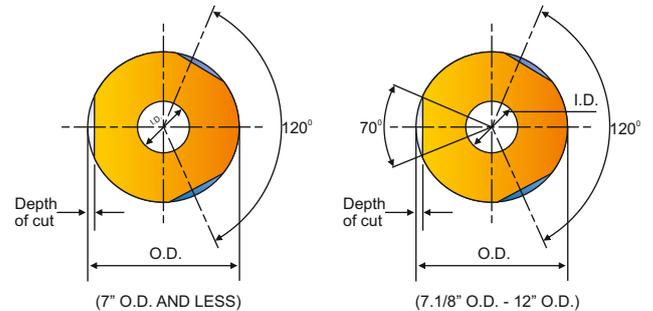


DRILL COLLARS

C. SECTIONAL VIEW OF DRILL COLLAR SPIRAL

When Ordering drill collars, Please specify:

1. Outside Diameter.
2. Inside Diameter.
3. Length.
4. Connection Size & Type:
Stress Relief Groove (SRG) Or without SRG Feature.
Bore Back Box or without.
5. Slip and/or elevator recess.
6. Spiral details.
7. Hard banding.
8. Standard or Heavy duty Thread Protectors.
9. Any Special Features, such as Phosphating etc.



NON MAGNETIC DRILL COLLARS

ACT's Non magnetic drill collars meet the standards for chemical composition used in directional drilling and in addition have.

1. Extremely clean steel.
2. Low permeability, high mechanical properties and superior resistance to corrosion cracking.
3. Display high strength and low permeability throughout the product.

CHEMICAL COMPOSITION

These Non magnetic Drill Collars are of Cr-Mn Type. The Chemical Composition will be such so as to satisfy the following mechanical properties and permeability.

Mechanical Properties				
Size	Yield Strength (0.2%)	Tensile Strength (minimum)	Minimum Elongation Percent	Charpy Impact Value.
3.1/2" THRU 6.7/8"	110,000PSI (758N/MM2)	120,000PSI (827 N/MM2)	18	MIN. 40 FT LB
7" THRU 11"	100,000PSI (689 N/MM2)	110,000 PSI (758 N/MM2)	20	MIN.40 FT LB