



Customer		Well Engineering Partners BV					
Contact		Kornelius Boersma					
Contact Details							
W'ford Location		Langenhagen, Germany					
Field/ Well No.		Hon GT ST01					
Toolstring Desc.		Fishing BHA					
BHA	Seq	Description	Asset Number	OD	ID	Connection	Length (m)
 <div style="position: absolute; left: 0; top: 50%; transform: translateY(-50%);"> 2,45 m </div>	1	Intensifier FNL 320 mm FNOD 120mm	153445-47000	120 mm 4-3/4"	58 mm 2-1/4"	3-1/2 IF Box x Pin	4,58
	2	6 pcs. DCs (Customer owned)		120 mm 4-3/4"		3-1/2 IF Box x Pin	
	3	Super Fishing Jar FNL 350 mm FNOD 120mm	WG 106	120 mm 4-3/4"	56 mm 2-3/16"	3-1/2 IF Box x Pin	2,97
	4	Bumper sub FNL 320 mm FNOD 120mm	CW-1466929-1	120 mm 4-3/4"	52 mm 2-1/16	3-1/2 IF Box x Pin	2,39
	5	Bit Sub slick	WG3006	120 mm 4-3/4"	36,5 mm 1-7/16"	3-1/2 IF Box x 3-1/2 Reg Box	0,45
	6	7" 29# SD Stabilizer FNL 240mm FNOD 107mm	WG007	155,5 mm 6-1/8"	36,5 mm 1-7/16"	3-1/2 Reg Pin x 3-1/2 Reg Box	1,14
	7	X-Over slick	WG3048	120 mm 4-3/4"	36,5 mm 1-7/16"	3-1/2 Reg Pin x 3-1/2 IF Pin	0,56
	8	Spacer / customer owned DC		120 mm 4-3/4"		3-1/2 IF Box x Pin	
	9	Bit Sub slick	WG3049	120 mm 4-3/4"	36,5 mm 1-7/16"	3-1/2 IF Box x 3-1/2 Reg Box	0,5
	10	7" 29# SD Stabilizer FNL 230mm FNOD 107mm	WG009	155,5 mm 6-1/8"	36,5 mm 1-7/16"	3-1/2 Reg Pin x 3-1/2 Reg Box	1,12
	11	X-Over slick	WG3134	120 mm 4-3/4"	36,5 mm 1-7/16"	3-1/2 Reg Pin x 3-1/2 IF Pin	0,44
	12	7" 29# SD Non Rot. Csg Scraper FNL 600mm FNOD 125mm	WG2004	Drift	49 mm 1-15/16"	3-1/2 IF Box x 3-1/2 IF Pin	1,77
	13	Stop Sub FNL 350 mm FNOD 119mm	WG810	145 mm 5-3/4"	53 mm 2-1/16"	3-1/2 IF Box x 3-1/2 IF Pin	0,5
	14	X-Over slick	WN-XOS-224	114 mm 4-1/2"	53 mm 2-1/16"	3-1/2 IF Box x 2-3/8 Reg Pin	0,49
	15	Spacer slick	WG3141	79 mm 3-1/8"	23 mm 15/16"	2-3/8 Reg Box x 2-3/8 Reg Pin	1,00
	16	Spacer slick	WG3053	79 mm 3-1/8"	23 mm 15/16"	2-3/8 Reg Box x 2-3/8 Reg Pin	0,62
	17	Itco Spear Grapple to catch liner incl. extension to catch the 98,8 mm ID ITCO Grapple 9487, NC 3.885"	RS115	80 mm 3-1/8"	20 mm 3/4"	2-3/8 Reg Box x 2-3/8 Reg Pin	0,73
	18	Bull Nose slick	WG6926	80 mm 3-1/8"	25 mm 1"	2-3/8 Reg Box	0,22

PREPARED BY: KR



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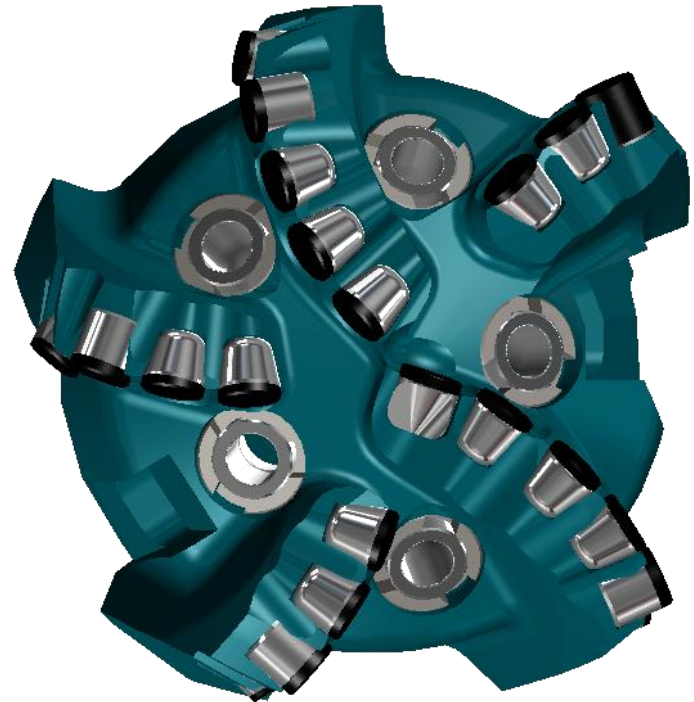
U513S

6.125 in | 156mm

Detail (P/N: 370S1021)

IADC S132

Total Cutters	23
Cutter Size	1/2 in / 13 mm
Blade Count	5
Face Cutters	18
Gauge Cutters	5
Nozzles / Ports	5 (26 Series)
Gauge Length	2.685 in / 68.2 mm
Gauge Type	Fused Carbide & Diamond
Make-Up Length	5.0 in / 127.6 mm
Junk Slot Area	8.3 sq in / 53.6 sq cm
Face Volume	Contact Representative
Bit Connection	3-1/2 API Regular
Bit Breaker(s)	With Legs (UDBKR-155A) Without Legs (UDBKR-155NLA)
Rotary Speed	Suitable for Rotary and PDM
Weight on Bit (Typical Max)	22,500 lbs 10,000 daN
Flow Rate	200 - 350 GPM 760 - 1,320 LPM
Make-Up Torque	7,000 - 9,000 Ft Lb 9,500 - 12,000 N m
Features	E - Extended Gauge



These parameters are general guidelines. Make-Up torque parameters are based on a mid range Bit Sub OD. Please contact your local Ulterra representative for application specific recommendations.

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