ODFJELL WELL SERVICES
A PART OF ODFJELL DRILLING

Spec. No.: NMCS-8.000

TECHNICAL SPECIFICATIONS

8" OD NMCS DP. (Non-Mag. Flex Collar), 6-5/8" Reg. Conn's.		**New**		**Premium**	
				80% Remaining Body Wall	
DESCRIPTION					
Type		Non-Magnetic			
Range		2			
Convensional=welded T-J. / Integral=Monoblock		Integral			
TUBE DATA					
Material grade		P-530 / Amagnit-501			
Internal plastic coating		N/A			
Tube body OD x ID	inch	6,625	2,813	5,863	2,813
Wall thickness, nominal	inch	1,906		1,525	
Cross Sectional Area	$inch^2$	28,259		20,781	
Polar Sectional Modulus	$inch^3$	55,239		37,468	
Tensile yield pipe	lbf	2 825 000		2 078 000	
	kN	*12 566*		*9 243*	
Torsional yield pipe	lbf-ft	265 600		180 100	
	kNm	*360,1*		*244,2*	
80% Torsional Yield	lbf-ft	212 480		144 080	
	kNm	*288,1*		*195,3*	
CONNECTIONS DATA					
Connection type		6-5/8" Reg. (API)			
Stress Relief Grooves		SRG / BB			
Material grade		P-530 / Amagnit-501			
Hardbanding		Inconel-625 / CastoMag-45513			
OD x ID	inch	8,000	2,813	7,750	2,813
B.S.R.	x : 1	2,60		2,30	
Tensile yield tooljoint	lbf	1 822 800		1 822 800	
	kN	*8 108*		*8 108*	
Torsional yield tooljoint	lbf-ft	86 600		85 800	
	kNm	*117,4*		*116,3*	
Make up torque (Max.)	lbf-ft	53 900		53 400	
	kNm	*73,1*		*72,4*	
OPERATIONAL DATA					
Tool-joint/Drill-pipe torsional ratio		0,33		0,48	
Drift diameter	inch	2,688			
Type of elevator shoulder		18°			
Burst pressure	psi	50 350		46 030	
	Mpa	*347*		*317*	
Collapse pressure	psi	40 990		38 490	
	MPa	*283*		*265*	
Adjusted weight	lbs/ft	112,8			
	kg/mtr	*167,8*			
Approx weight each joint	lbs	3 495			
	kg	*1 585*			
Capacity	gal/ft	0,324			
	ltr/mtr	*4,02*			
Open end displacement	gal/ft	1,73			
	ltr/mtr	*21,49*			
Closed end displacement	gal/ft	2,05			
	ltr/mtr	*25,51*			
Built In Length (shoulder to shoulder)	ft	31,0			
	mtr.	*9,45*			

Calculated using nominal OD & ID. Safety & Dope friction factor used: 1.0