



# ROLLER CENTRALIZERS

GOWELL provides a range of roller centralizers (CTL) with strong centralizing force to support tool strings in highly deviated or horizontal wells. Our centralizers cover a wide range of pipe sizes from 2-7/8" tubing up to 20" casing. Models are available for sour-service environments using all NACE MR075 materials. We offer the centralizers with GO mono-pin or 13pin Pegasus and can customize with any type of connections requested by clients.



## APPLICATIONS & FEATURES

- Low friction rollers
- Arm force suitable for high angle and horizontal wells
- Available in standard or sour service options
- GO monopin and Pegasus 13pin options
- Custom connections available upon request

CTL43C-K

CTL70J-A

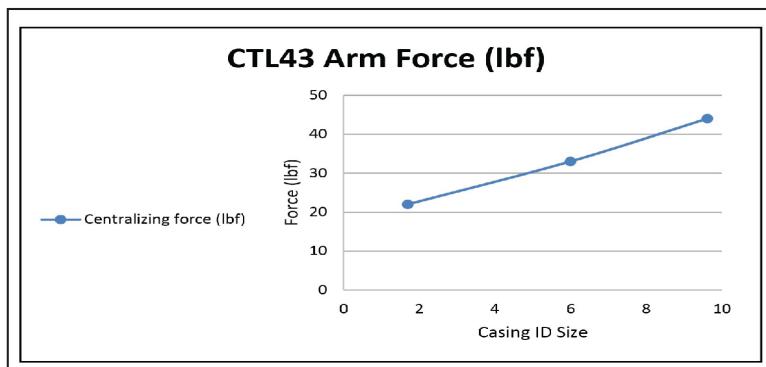
CTL90D-B

PEOPLE TECHNOLOGY SUPPORT

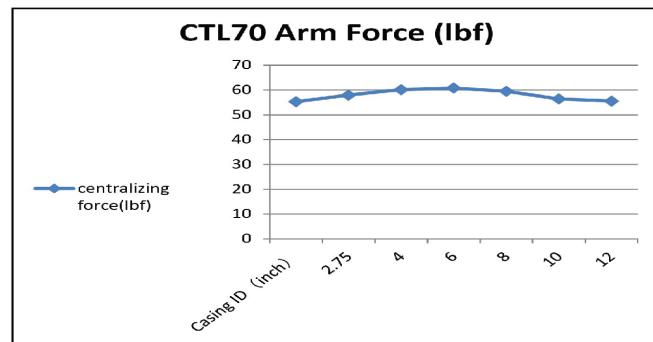
## SPECIFICATIONS

GENERAL SPECS	P/N 100516817	P/N 100516654	P/N 100516651	P/N 30000794	P/N 30000652	P/N 300001840	P/N 300001345	P/N 300001314
Max Temperature			1750C					
Max Pressure			15kpsi (103Mpa)				20kpsi (140Mpa)	
Outer Diameter		1-11/16 in. (43mm)			2-3/4 in. (70mm)		3-1/2 in. (90mm)	
Shipping Length	40.3 in. (1025mm)	40.4 in.(1027mm)	33.5 in. (851.2mm)		42 in. (1063mm)			58 in. (1490mm)
Make-up Length	37 in. (942mm)	37.1 in. (944mm)	30 in. (761.2mm)		38.5 in. (980mm)		55 in. (1400mm)	
Operating Casing sizes	2-3/8 in. to 9-5/8 in. (60mm~244mm)			4 in. to 13-3/8 in. (101mm~340mm)		5-1/2 in. to 20 in. (140mm~508mm)		
Weight	15.4lbs (7kg)	15.4lbs (6.5kg)	11lbs (5kg)		33lbs (15kg)		44lbs (20kg)	
Max Arm force		41.2lbs (18.7Kg)			60lbs (27Kg)		Standard Spring: 60lbs (27Kg)	
Sour Service Rated	Yes		No	Yes		No		
Connection type		13 pin	Mono		13 pin	Mono	Mono	13 pin

CENTRALIZING FORCE CHART FOR CTL43-F/K CENTRALIZERS



CENTRALIZING FORCE CHART FOR CTL70-G/H CENTRALIZERS



Centralizing Force Chart for CTL90 Centralizers

