



PERFORMANCE  
DRILL PIPE

DP-MASTER MANUFACTURING (S) PTE LTD

# DPM-DS CONNECTIONS

## DPM-DS CONNECTIONS

The DP-Master DS connection is a high performance generic API double-shouldered connection which is well established and field proven around the world.

This stronger connection is fully interchangeable with API and selected market available double-shouldered connections.

By being API compatible, facilities can use market readily available API accessories for threading and inspection which is one of the many ways to keep cost efficiencies.

Proven compatible with leading market generic double shouldered connection without compromising performance through torsional test and engineering review conducted by independent testing agencies.



FEARNLEY PROCTER NS - 1™ Level 3  
Design Approval



Reference: DPM-DS55 Double Shouldered rotary drilling connection. Uses: Drill pipe

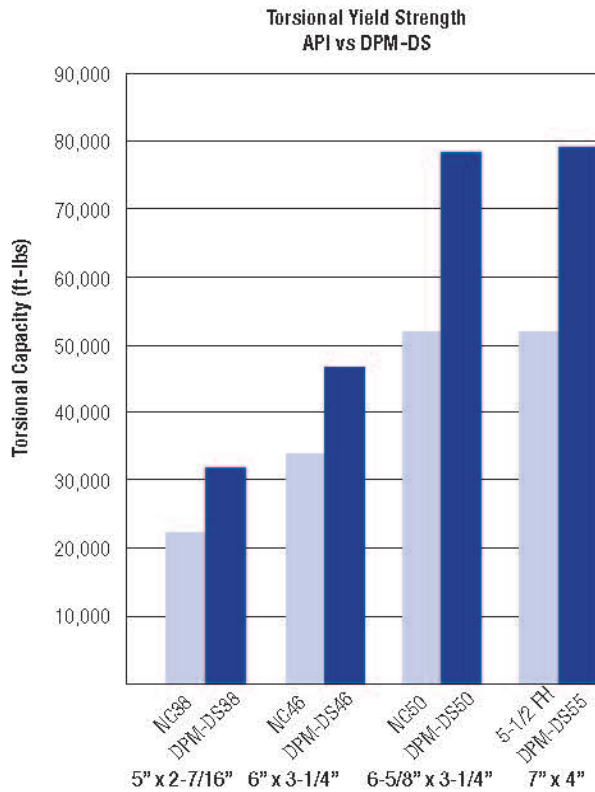


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DPM-DS connection offers higher strength capability than API connections in all aspects.



- Up to 40% more torsional strength than API through the high strength secondary make-up shoulder absorbing high frictional load.
- Streamlined OD / ID geometry for improved hydraulic performance or fishing ability without compromising torsional capacity.
- DPM-DS pin and box connection made up to a smooth ID transition to allow smoother fluid flow with minimized turbulence and energy loss inside the connection. The tendency for mud or cement trap in crevices are eliminated.
- Fully interchangeable with new or used tool joints and accessories with API connections.

DPM-DS connection is available in drill pipe sizes from OD 2-3/8" to 6-5/8". Other sizes are available upon request. The connection is also available in a wide range of steel grades including sour service and high strength.

## DPM-DS MECHANICAL CHARACTERISTICS

CONNECTION	OD		ID		TENSILE CAPACITY		TORSIONAL CAPACITY		MAKE-UP TORQUE MAXIMUM	
	(in)	(mm)	(in)	(mm)	(lbs)	(daN)	(ft-lbs)	(N-m)	(ft-lbs)	(N-m)
DPM-DS38	5	127	2-7/16	62	751,500	334,300	31,600	42,900	22,100	30,000
DPM-DS40	5-1/4	133	2-9/16	65	891,400	396,600	39,400	53,400	27,600	37,400
DPM-DS46	6	152	3-1/4	83	857,200	425,600	46,500	63,000	32,500	44,100
DPM-DS50	6-5/8	168	3-1/4	83	1,354,200	602,300	78,300	106,100	54,800	74,300
DPM-DS55	7	178	4	102	1,348,200	599,700	79,000	107,100	55,300	75,000
DPM-DS65	8-1/4	209	4-7/8	124	1,668,100	742,000	115,300	158,300	80,700	109,400