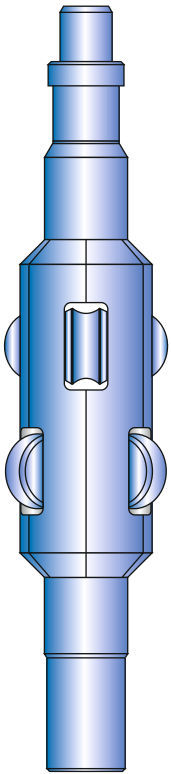


## SKATE SYSTEM



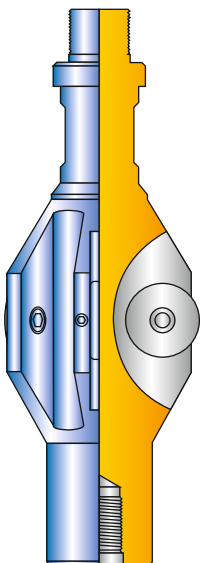
**SKATE SYSTEM**

The PARVEEN Skate System transports the toolstring into deviated wells. Advantages include continuous wheel contact with the tubing wall in any orientation, and reduced friction.

**Features:**

- 360-degree roller orientation eliminating the requirements for swivel joints.
- Clearance between wheel and cavity to eliminate the ingress of debris.
- Profiled wheels for easier traversing of tubing wall debris.
- No wheel axle locking screws, seals or pins for easy maintenance.
- Minimum requirement of two skates per toolstring, dependent upon application.

<b>SKATE SYSTEM</b>					
<b>Body Dia. (in)</b>	1.62	1.87	2.13	2.39	2.69
<b>Wheel Dia. (in)</b>	0.619	0.680	0.807	0.852	0.908
	0.682	0.802	0.931	0.971	1.030
	0.746	0.930	1.053	1.094	1.162
	0.804			1.155	1.262
				1.356	1.392
					1.523
<b>Wheel Width (in)</b>	0.51	0.68	0.68	0.75	0.88
<b>Effective Dia. (in)</b>	1.75	2.00	2.25	2.63	2.88
	1.81	2.13	2.37	2.75	3.00
	1.87	2.25	2.50	2.88	3.13
	1.93			3.00	3.25
				3.13	3.37
					3.50
<b>Assembly No.</b>	304-162	304-187	304-213	304-239	304-269



**MULTI-ROLLER WHEEL FLUTED CENTRALISER**

## MULTI-ROLLER WHEEL FLUTED CENTRALISER

The PARVEEN Multi-Roller Wheel Fluted Centraliser is designed for use in highly deviated wells.

The wheels incorporated in the design overcome friction which can be caused by the

<b>MULTI-ROLLER WHEEL FLUTED CENTRALISER</b>			
<b>Body Dia. (in)</b>	<b>Assembly Number</b>	<b>Body Dia. (in)</b>	<b>Assembly Number</b>
2.250	64225-MR	3.750	64375-MR
2.500	64250-MR	4.000	64400-MR
2.750	64275-MR	4.250	64425-MR
3.000	64300-MR	4.500	64450-MR
3.250	64325-MR	4.750	64475-MR
3.500	64350-MR		