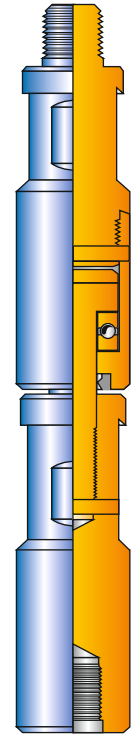


WIRELINE SWIVEL JOINT

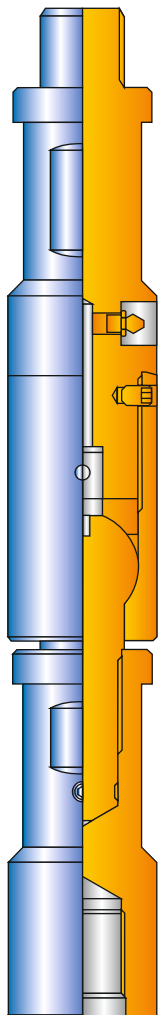
The PARVEEN Swivel Joint is a wireline accessory used to minimize the effect of line twist caused by subsurface devices being run. The swivel joint has a bearing incorporated into its design and is used to minimize rotation whilst running tubing or casing caliper surveys.

The swivel joint has a double fishing neck feature and standard pin and box threads.

WIRELINE SWIVEL JOINT			
Max. O.D (in)	F/N O.D. (in)	Connection Pin X Box	Part No.
1.500	1.375	15/16 - 10 UN	180-150-00
1.875	1.750	1-1/16 - 10 UN	180-188-00
2.500	2.313	1-9/16 - 10 UN	180-231-00



WIRELINE SWIVEL JOINT



KNUCKLE SWIVEL JOINT

KNUCKLE SWIVEL JOINT

The PARVEEN Knuckle Swivel Joint is designed to allow free rotation of the toolstring to minimise line torque during wireline / slickline deployment.

The knuckle swivel joint can be positioned at any point along the length of the toolstring to suit operational requirements. The knuckle swivel joint incorporates an integral grease nipple to ensure internal components are continuously lubricated.

KNUCKLE SWIVEL JOINT			
Max. O.D. (in)	F/N O.D. (in)	Connection Pin X Box	Part No.
1.250	1.187	15/16 - 10 UN	KSJ18-125
1.500	1.375	15/16 - 10 UN	KSJ18-150
1.750	1.375	15/16 - 10 UN	KSJ18-175
1.875	1.750	1-1/16 - 10 UN	KSJ18-187
2.125	1.750	1-1/16 - 10 UN	KSJ18-212
2.500	2.313	1-9/16 - 10 UN	KSJ18-250