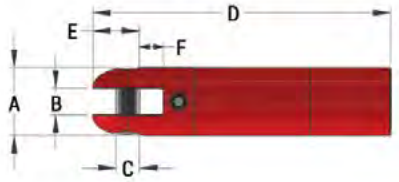
DUB-Lite®

Specifically built for the HDD industry, DUB-Lite swivels feature a multiple sealing system which is progressive in design and application. Swivels 00503-X04 to 00503-X15 include a side-mounted grease nipple for easy access without having to remove the clevis pin. Greasing should be done after each use. The DUB-Lite® swivels utilize angular contact bearings for both pullback and pushback functions. All mechanical components are manufactured from high strength alloy steel and are designed to withstand a straight tensile load of at least 3 times the safe working load. The simplicity of this swivel allows field rebuilding and a rebuild kit comprised of bearings and seals is available.

The DCD Clevis Pin is specifically designed, machined and heat treated to provide the required strength and stability of the clevis. The clevis pins are hardened steel and are available as replacement kits. These clevis pins must not be replaced with simple hexagon bolts.

Type 1 - API Box/Clevis

Type 1 swivels offer an API box connection at the leading end and a clevis connection at the trailing end. The rigid connection allows more straight forward pushback, but it also places a greater side load on the swivel.



Part No.	3:1 Safe Working Load	Ultimate Load	Box Thread	A	B	C	D	E	F	Weight
00503-108-21F	15,000 lb	45,000 lb	2" IF API	2-1/2"	1"	7/8"	11-1/8"	1-3/4"	7/8"	10.1 lb

Type 2 - Clevis/Clevis

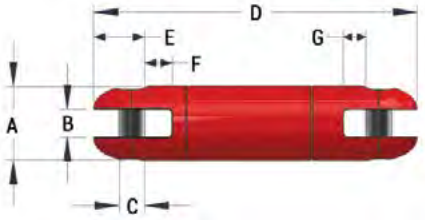
The clevis by clevis style of swivel is the most common type and is the best for distributing side loads applied on the swivel due to its ability to pivot at either end. It does not allow the operator to push back without proper care and attention or the swivel may fold back on itself. Before rotation is recommenced, the line must be pulled straight or damage may occur to the swivel, as well as potential harm to nearby operators.

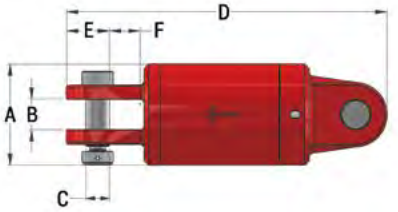
DCD recommends that some type of restrictor be used to prevent the swivel from pivoting at the front or reamer end. For swivels 00503-204 to 00503-215, the clevis is deeper at the leading end to allow the fool-proof design of a lug that would prevent more than minimal movement of the swivel away from the axis of rotation and also ensures the swivel is pulled in the right direction.

It is our recommendation to always select a swivel larger than the machine capacity. For more information, see bottom of page 6.

00503-202 to 00503-215

00503-220 to 00503-245





Part No.	3:1 Safe Working Load	Ultimate Load	A	B	C	D	E	F	G	Weight	Clevis Pin Kit	Rebuild Kit
00503-202	5,000 lb	15,000 lb	1-1/4"	1/2"	13/32"	4-31/32"	3/4"	1/2"	9/16"	1.08 lb	00020-HEX	-
00503-204	8,500 lb	25,500 lb	2"	3/4"	11/16"	8-3/4"	1-3/8"	5/8"	3/4"	5.00 lb	00035-HEX	00503-K04
00503-205	10,000 lb	30,000 lb	2-1/4"	7/8"	3/4"	9-5/8"	1-1/2"	3/4"	7/8"	7.00 lb	00037-HEX	00503-K05
00503-208	15,000 lb	45,000 lb	2-1/2"	1"	7/8"	11-1/4"	1-3/4"	7/8"	1"	10.1 lb	00040-HEX	00503-K08
00503-210	20,000 lb	60,000 lb	2-1/2"	1"	7/8"	11-7/8"	1-3/4"	7/8"	1"	10.7 lb	00040-HEX	00503-K10
00503-215	30,000 lb	90,000 lb	3"	1-5/16"	1-1/8"	14"	2-1/4"	1-1/8"	1-1/4"	17.3 lb	00045-HEX	00503-K15
00503-220	40,000 lb	120,000 lb	4-3/4"	1-3/4"	1-1/8"	16-1/2"	2-1/16"	1-7/16"	-	49.0 lb	00508-015	-
00503-230	60,000 lb	180,000 lb	5-3/4"	1-3/4"	1-3/8"	18-1/4"	2-1/2"	1-7/16"	-	76.0 lb	00508-020	-
00503-245	90,000 lb	270,000 lb	6"	1-3/4"	1-3/8"	19-3/8"	2-1/2"	1-7/16"	-	88.0 lb	00508-020	-