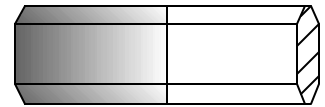




OIL WELL PUMP PARTS AND ACCESSORIES

FRICITION RING, CIRLE-A HOLD-DOWN (112XA) (see notes)



HOLD-DOWN FORCE (POUNDS)	TUBING SIZE							
	2-3/8"		2-7/8"		3-1/2"		4-1/2"	
	BASE PART NUMBER							
	112KA-X.XXX		112NA-X.XXX		112PA-X.XXX		112UA-X.XXX	
	USE WITH NIPPLE							
	90KA	89K	90NA	89N	90QA	89Q	90UA	89U
	NIPPLE I.D.							
	1.720"	1.780"	2.230"	2.280"	2.720"	2.780"	3.700"	3.780"
	FRICITION RING O.D.							
	500	1.723"	1.783"	2.233"	2.283"	2.723"	2.783"	3.703"
1000	1.725"	1.785"	2.235"	2.285"	2.725"	2.785"	3.705"	3.785"
2000	1.730"	1.790"	2.238"	2.290"	2.730"	2.790"	3.710"	3.790"
2500	1.733"	1.793"	2.241"	2.293"	2.733"	2.793"	3.713"	3.793"
3000	1.735"	1.795"	2.243"	2.295"	2.735"	2.795"	3.715"	3.795"
4000	1.740"	1.800"	2.248"	2.300"	2.740"	2.800"	3.720"	3.800"
4500	1.743"	1.803"	2.250"	2.303"	2.743"	2.803"	3.723"	3.803"
5000	1.745"	1.805"	2.253"	2.305"	2.745"	2.805"	3.725"	3.805"
6000	1.750"	1.810"	2.260"	2.310"	2.750"	2.810"	3.730"	3.810"

Notes:

1.) When ordering, indicate the complete part number by adding the following prefixes to the base part number to indicate specific friction ring material:

- B** - Brass
- M** - Monel
- S** - Stainless

2.) Suffix "X.XXX" corresponds to Friction Ring O.D.