



Pup Joints

XO CROSSOVERS

Duxaoil manufactures adapters and crossovers, forged and in high quality steel. They are built with integral threaded and welded ends.

Crossovers for casing in all possible size combinations used on oilfields are also produced.



xo crossover size

size	long W	outer diameter		grade
		OD1 (mm)	OD2 (mm)	
5 1/2" x 2"	305	139.7	60.3	J55
5 1/2" x 2 7/8"	305	139.7	78.58	J55
5 1/2" x 3 1/2"	305	139.7	95.25	J55
7" x 2"	305	177.8	60.3	J55
7" x 2 7/8"	305	177.8	78.58	J55
7" x 3 1/2"	305	177.8	95.25	J55
7" x 5 1/2"	305	177.8	139.7	J55
9 5/8" x 5 1/2"	305	244.5	139.7	J55
9 5/8" x 7"	305	244.5	177.8	J55

DUR 321 process

Duralitte has developed, for any API threads, a process of thread protection which improves the condition of gear and increases the protection against corrosion, this process is called DUR321®.

DUR 321® protection eliminates the process application of API semisolid grease in field operations improving the ecological condition of the operation. DUR 321® is applied under patented procedures in Duralitte plants in Brazil and Argentina.

DUR 321® uses dry lubricants especially designed, capable of reducing friction between the threads surfaces. The application of this product ensures lubrication at higher temperatures than the ones provided by grease based on liquid mineral. Laboratory testings ensure in oxidizing environment of up to 350° and higher temperatures in reductions means.

DUR 321® properties are guaranteed by laminar formation at molecular level with very weak interforces which decreases tractive effort by offering low friction properties.

Application of DUR 321® process provide API threads:

- a. Friction coefficient lower than =0.048
- b. Low cutting effort
- c. Rust and corrosion resistance
- d. Cryogenic resistance

For all these conditions and for helping to solve ecological contamination, DUR 321® process can offer the best tightness for threads applied to the oil productive process.