



OCTG & DRILLING ACCESSORIES



INTRODUCTION

We offers you OCTG and drilling accessories including Crossovers, pup joints, adapters, etc ... Many of these products can be manufactured and provided in short delay with wide range of sizes and connections types, while others special accessories can be designed and produced to order.

OCTG (CASING & TUBING CROSSOVERS)

Manufactured integrally from alloy carbon steel or chromium stainless steel, fully quenched and tempered according to API 5CT or API 5CR material requirements, and NACE MR0175 when high level of corrosion resistance is required.



- CASING CROSSOVER (Carbon Steel)
- TUBING CROSSOVER (Carbon Steel)
- TUBING/CASING CROSSOVER (Cr Material)

DRILL STEM SUB CROSSOVERS

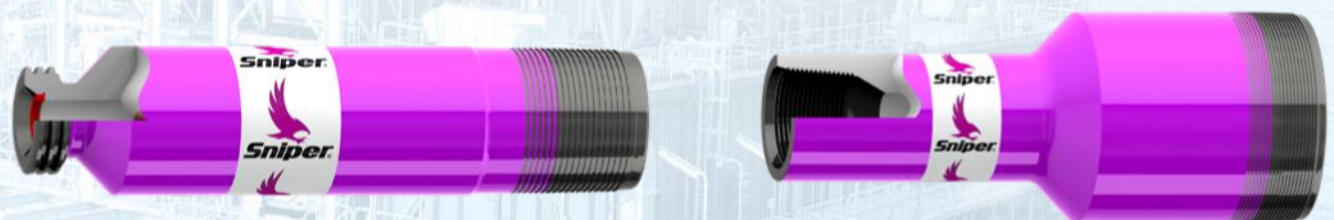
Manufactured integrally from alloy carbon steel or non magnatic stainless steel, fully quenched and tempered according to API 7-1 material requirements, and NACE MR0175 when high level of corrosion resistance is required.



- CROSSOVER SUB TYPE B (CARBON STEEL)
- CROSSOVER SUB TYPE C (CARBON STEEL)
- CROSSOVER SUB TYPE A (STAINLESS STEEL)

CIRCULATING SWADGE CROSSOVERS

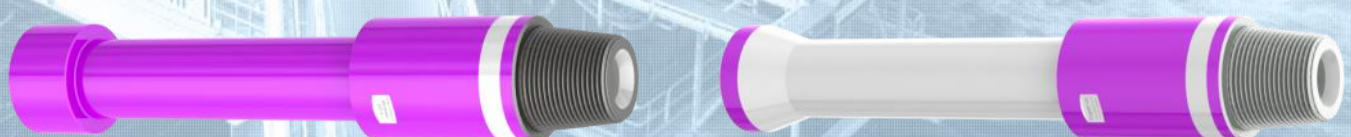
Called also Water Bushing Crossovers. Manufactured integrally from alloy carbon steel or non magnatic stainless steel, fully quenched and tempered according to API 5CT, API 6A and/or API 5CR material requirements, and NACE MR0175 when high level of corrosion resistance is required.



- CIRCULATING SWAGE WITH UNION CONNECTOR
- CIRCULATING SWAGE WITH SHOULDERED CONNECTION

API LIFTING SUBS

API Lifting Subs TYPE D with 90° squared lifting shoulder, and 18° tapered lifting shoulder. Design and dimensions meet to API 7-1 last edition standard. API Lifting Subs are used for lifting and running of drilling joints and accessories by API standard elevators, and protect threads from any damage, with a suffisant tong space for a proper bucking operations.



- API Lifting Sub With 90° squared shoulder (Exemple with carbon steel material)
- API Lifting Sub With 18° tapered shoulder (Exemple with chromium non ferrous material)



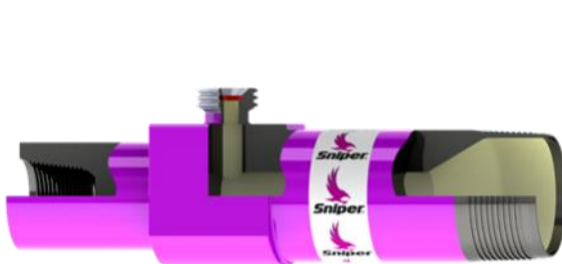


**OCTG & DRILLING
ACCESSORIES**

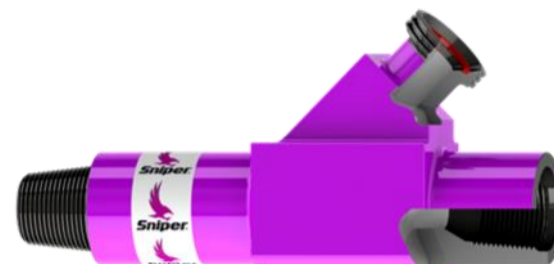


PUMP SUB CROSSOVERS

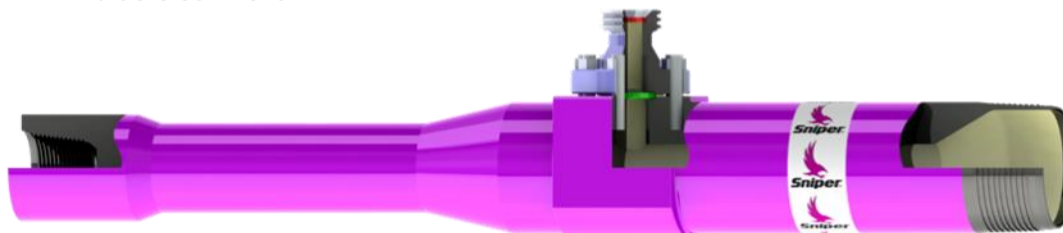
PUMP SUB crossovers TYPE PS-S, PS-F, PS-Y and other engineering solutions maybe studied on demand. Equipped with union connector, API shouldered connection and OCTG API/Premium connection or shouldered API/Premium connection down. Except TYPE PS-F is a flanged outlet, all Subs are manufactured integrally from alloy carbon steel or non magnetic stainless steel, fully quenched and tempered according to API 5CT, API 6A and/or API 5CR material requirements, and NACE MR0175 when high level of corrosion resistance is required.



- PUMP SUB TYPE PS-S WITH SQUARE SIDE ENTRY & OCTG CONNECTION



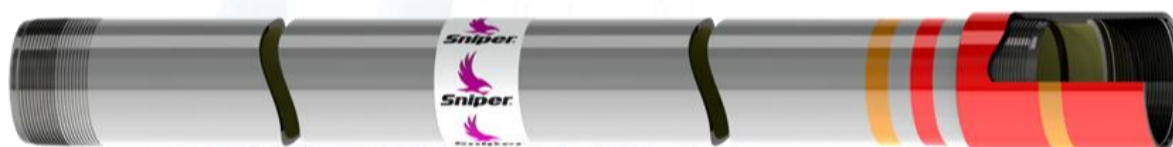
- PUMP SUB TYPE PS-Y WITH « Y » SIDE ENTRY



- PUMP SUB TYPE PS-E WITH FLANGED SIDE ENTRY AND LIFTING NECK FOR ELEVATOR & OCTG CONNECTION

PUP-JOINT & PUP-JOINT CROSSOVER

We supply OCTG pup-joints manufactured from casing or tubing and threaded to API or premium connection, as per customer demand. We supply also integral OCTG pup-joints and drilling pup-joints manufactured from low alloy carbon steel or Chromium steel, fully quenched and tempered according to API 5CT or API 5CR for OCTG, and API 7-1 or API 5DP for drilling product. Fully manufactured pup-joints are threaded to API or drilling premium connection, as per customer demand.



- OCTG COUPLED PUPJOINT & PUP-JOINT CROSSOVER MANUFACTURED FROM TUBING/CASING



- OCTG INTEGRAL PUP-JOINT & PUP-JOINT CROSSOVER MANUFACTURED FROM RAW MATERIAL



- DRILLING PUP-JOINT WITH UPSETTED ROTARY SHOULDERED/PREMIUM CONNECTION

SURFACE TREATMENT

After thread machining, in order to improve surface conditions (against corrosion, galling, etc ...), referring to applicable standard or premium connection requirements, a surface treatment is applied. Depending on the nature of material (carbon steel or chromium material) and type/size of connection, we apply phosphatization or glass bead peening or electro-copper plating.

SUBSIDIARY OF GLOBAL GROUP - All Rights Reserved
 Adress : Global Group - Route de Gabes km 9.5
 ceinture Agareb 3084 Sfax - Tunisia
 Tel : +216 74 68 63 48
 Cell : +216 98 36 40 70
 Fax : +216 74.68 63 49
 e-mail : sales@sniper-co.com
 www.sniper-co.com



BRC-DXA-02 REV.1

