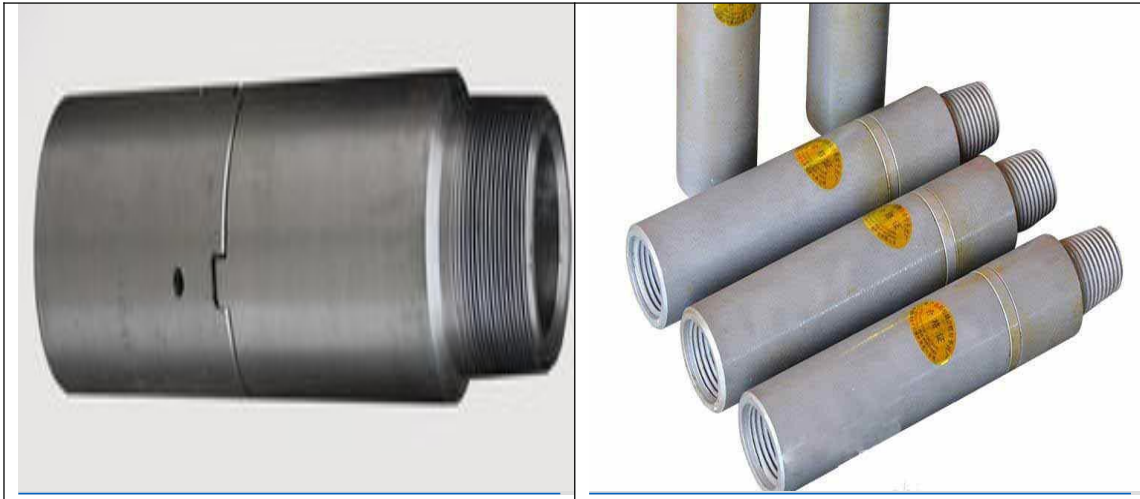


Safety Sub

Safety sub provides an additional safety feature at surface and to a predetermined depth in the wellbore. Safety sub utilises a spring which when in a non compressed state closes off the path for the explosive train preventing the detonation transferring through the device. The spring is always in a non compressed state at surface. As the device is run into the wellbore, hydrostatic pressure causes the spring to compress and allows alignment of the detonation path. When retrieved from the wellbore the reduction in hydrostatic pressure allows the spring to uncompress and close the detonation path once again. This system does not rely on temperature as a means of safety, unlike other systems on the market. Temperature dependent systems can have limited use caused by high surface temperatures, or more importantly, when bottom mounted on long gun strings in which the geothermal gradient exceeds the safety factor whilst guns are still being made up at surface.



AJT series Safety sub are installed on the subsurface drill stem and the can bear in [fishing tools](#). Suitable for onshore and offshore operations.

Details

The AJT series safety sub were developed to provide the market with more reliable technology and more hoisting performance. Installed on the subsurface drill stem and can bear in fishing operations. It can fishing with all kinds of loads for pulling or pressing, also could be used to transmit torque. It is a subsurface safety equipment. In downhole operation, in case of being needed, the safety joint is easy to be discharged off, to take out the drill stem above it. Included but not limited by the advantages mentioned, AJT series safety sub might be your best choice.

General Features

- Suitable for cold area and desert environment
- Suitable for onshore or offshore operations
- Wide range of selection for different operations

Main aramaters

Outside Diameter: 4-1/8" – 8" (105 mm - 203 mm)

Parameters:

Type	5"	5-1/2"	7"	9-5/8"
OD (mm)	93.5	103	127	155.5
ID (mm)	45	50.5	57	79
Length (mm)	1186	1141	1263	1196
Tensile (kN)	89	89	111	177
Working Pressure (MPa)	70	70	70	70
Working Pressure (°C)	-29~+177	-29~+177	-29~+177	-29~+177
Tensile Strength (kN)	623	691	1156.4	1636.8
Bust Strength (MPa)	130	120	100	117
Collapse Resistance (MPa)	120	110	93	108
Thread	2-7/8"CAS. BxP	2-7/8"CAS. BxP	3-7/8"CAS. BxP	3-7/8"CAS. BxP