

## 1. Crossover Sub

Description	Upper Connection Part	Lower Connection Part	Type
Kelly cross-over sub	Kelly	Drill pipe	A or B
Drill pipe cross-over sub	Drill pipe	Drill pipe	A or B
Interim cross-over sub	Drill pipe	Drill collar	A or B
Drill collar cross-over sub	Drill collar	Drill collar	A or B
Drill bit cross-over sub	Drill collar	Drill bit	A or B
Swivel cross-over sub	Swivel lower sub	Kelly	C
Fishing cross-over sub	Kelly	Drill pipe	C
	Drill pipe	Fishing tools	C
Crossover sub can be customized as per customer's design.			