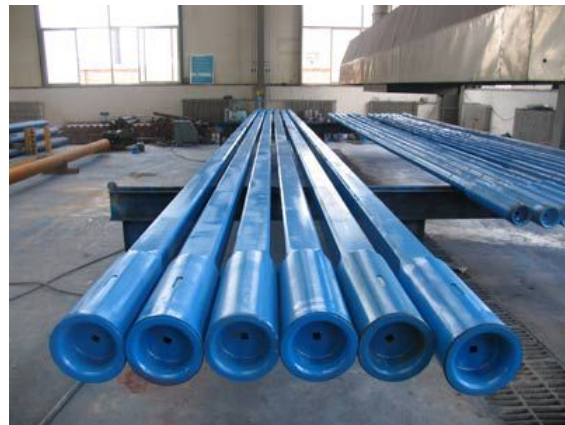


## Bushing

Bushing, an adapter that serves to connect the rotary table to the kelly. The kelly bushing has an inside diameter profile that matches that of the kelly, usually square or hexagonal. It is connected to the rotary table by four large steel pins that fit into mating holes in the rotary table. The rotary motion from the rotary table is transmitted to the bushing through the pins, and then to the kelly itself through the square or hexagonal flat surfaces between the kelly and the kelly bushing. The kelly then turns the entire drilling string because it is screwed into the top of the drilling string itself.

### General Features



FZ series Kelly are used to connect the topmost joint of drill pipe for drill stem turning when the rotary table runs. Suitable for onshore and offshore drilling.

### Details

The FZ series kelly were developed to provide the market with more reliable technology and more hoisting performance. Used to connect the topmost joint of drill pipe for drill stem turning when the rotary table runs. Both [square kelly](#) and hexagonal kelly available. Included but not limited by the advantages mentioned, FZ series kelly might be your best choice.

### General Features

- Manufactured according to API 7K
- Suitable for onshore or offshore rigs
- Suitable for cold area and desert environment

### Main Parameters

Size: 2-1/2" – 6" (63.5 mm – 152.4 mm)

## Parameters:

Square Kelly

Kelly Size			Upper box connection(LH)				Lower pin connection(RH)					Driving section length	Overall Length
in	mm		Thread	O.D. mm ±0.8	B.D. mm ±0.4	Upper upset length mm	Thread	O.D. mm ±0.8	ID. mm	B.D. mm ±0.4	Lower upset length mm	mm	mm
2.1/2	63.5	Standard	6 5/8 REG	196.8	186.1	406.4	NC26	85.7	31.8	83	508	11280	12190
2.1/2	63.5	optional	4 1/2 REG	146	134.5	406.4	NC26	85.7	31.8	83	508	11280	12190
3	76.2	Standard	6 5/8 REG	196.8	186.1	406.4	NC31	104.8	44.4	100.4	508	11280	12190
3	76.2	optional	4 1/2 REG	146	134.5	406.4	NC31	104.8	44.4	100.4	508	11280	12190
3.1/2	88.9	Standard	6 5/8 REG	196.8	186.1	406.4	NC38	120.6	57.2	116.3	508	11280	12190
3.1/2	88.9	optional	4 1/2 REG	146	134.5	406.4	NC38	120.6	57.2	116.3	508	11280	12190
4.1/4	108	Standard	6 5/8 REG	196.8	186.1	406.4	NC46	158.8	71.4	145.2	508	11280	12190
4.1/4	108	Standard	6 5/8 REG	196.8	186.1	406.4	NC50	161.9	71.4	154	508	11280	12190
4.1/4	108	optional	6 5/8 REG	196.8	186.1	406.4	NC46	158.8	71.4	145.2	508	15540	16460
4.1/4	108	optional	6 5/8 REG	196.8	186.1	406.4	NC50	161.9	71.4	154	508	15540	16460
4.1/4	108	optional	4 1/2 REG	146	134.5	406.4	NC46	158.8	71.4	145.2	508	11280	12190
4.1/4	108	optional	4 1/2 REG	146	134.5	406.4	NC50	161.9	71.4	154	508	11280	12190
4.1/4	108	optional	4 1/2 REG	146	134.5	406.4	NC46	158.8	71.4	145.2	508	15540	16460
4.1/4	108	optional	4 1/2 REG	146	134.5	406.4	NC50	161.9	71.4	154	508	15540	16460
5.1/4	133.4	Standard	6 5/8 REG	196.8	186.1	406.4	5 1/2FH	177.8	82.6	170.6	508	11280	12190
5.1/4	133.4	Standard	6 5/8 REG	196.8	186.1	406.4	NC56	177.8	82.6	171	508	11280	12190
5.1/4	133.4	optional	6 5/8 REG	196.8	186.1	406.4	5 1/2FH	177.8	82.6	170.6	508	15540	16460
5.1/4	133.4	optional	6 5/8 REG	196.8	186.1	406.4	NC56	177.8	82.6	171	508	15540	16460

Hexagonal Kelly

Kelly Size			Upper box connection(LH)				Lower pin connection(RH)					Driving section length	Overall Length
in	mm		Thread	O.D. mm ±0.8	B.D. mm ±0.4	Upper upset length mm	Thread	O.D. mm ±0.8	ID. mm	B.D. mm ±0.4	Lower upset length mm	mm	mm
3	76.2	Standard	6 5/8 REG	196.9	186.1	406.4	NC26	85.7	31.8	82.9	508	11280	12190
3	76.2	optional	4 1/2 REG	146	134.5	406.4	NC26	85.7	31.8	82.9	508	11280	12190
3.1/2	88.9	Standard	6 5/8 REG	196.9	186.1	406.4	NC31	104.8	44.4	100.4	508	11280	12190
3.1/2	88.9	optional	4 1/2 REG	146	134.5	406.4	NC31	104.8	44.4	100.4	508	11280	12190
4.1/4	108	Standard	6 5/8 REG	196.9	186.1	406.4	NC38	120.6	57.2	116.3	508	11280	12190
4.1/4	108	optional	4 1/2 REG	146	134.5	406.4	NC38	120.6	57.2	116.3	508	11280	12190
4.1/4	108	optional	6 5/8 REG	196.9	186.1	406.4	NC38	120.6	57.2	116.3	508	15540	16460
4.1/4	108	optional	4 1/2 REG	146	134.5	406.4	NC38	120.6	57.2	116.3	508	15540	16460
5.1/4	133.4	Standard	6 5/8 REG	196.9	186.1	406.4	NC46	158.8	76.2	145.2	508	11280	12190
5.1/4	133.4	Standard	6 5/8 REG	196.9	186.1	406.4	NC50	161.9	82.6	154	508	11280	12190
5.1/4	133.4	optional	6 5/8 REG	196.9	186.1	406.4	NC46	158.8	76.2	145.2	508	15540	16460
5.1/4	133.4	optional	6 5/8 REG	196.9	186.1	406.4	NC50	161.9	82.6	154	508	15540	16460
6	152.4	Standard	6 5/8 REG	196.9	186.1	406.4	5 1/2FH	177.8	88.9	170.6	508	11280	12190
6	152.4	Standard	6 5/8 REG	196.9	186.1	406.4	NC56	177.8	88.9	171	508	11280	12190
6	152.4	Standard	6 5/8 REG	196.9	186.1	406.4	5 1/2FH	177.8	88.9	170.6	508	15540	16460
6	152.4	Standard	6 5/8 REG	196.9	186.1	406.4	NC56	177.8	88.9	171	508	15540	16460