

Manual Tong

Manual Tong is a tool designed for making up and breaking connections of tubular goods, from light tubing to heavy wall pipe and drill collars. There are seven types, varying in torque capacity from 10,000 to 200,000 Lbs/ft (13,560-271,000Nm). Covered sizes from 2 3/8" to 17" or 36" (HT50 with extended reach). The tongs can be assembled for either making up or break out by removing the hanger and turning the complete HT Tong over. Interchangeable lug jaw design permits each tong to handle different sizes of pipe. By installing hinge jaws (available for some models), bigger pipe sizes can be handled.

General Features



Manual Tong are designed with traditional structure, used for make-up/break-out thread of drilling tools. Pliers could be changed to fit for different size of work. Suitable for onshore and offshore drilling operation.

Details

The DQ series manual tongs were developed to provide the market with more reliable technology and more hoisting performance. Including W type, S type, L type, B type of tongs suit for different size of operation. [Manual power tong](#) have simple structure, high reliability and long last life. Included but not limited by the advantages mentioned, DQ series of manual tongs might be your best choice.

General Features

- Manufactured according to API 7K
- Suitable for onshore or offshore rigs
- Simple structure, high reliability, long last life
- Multiple size choices for different operation

Main Parameters

Suitable Diameter: 3-3/8" – 17" (85.7 mm – 431.8 mm)

Maximum Torque: 90 kN.m (66,380 lbf.ft)

Parameters

W Series Manual Tong

Type	Handle OD		Torque (KN.m)
	in	mm	
W-1#	2 3/8-3 1/2	60.3-88.9	27
W-2#	2 7/8-4 1/4	73-108	
W-3#	4-5 3/4	101.6-146.1	
W-4#	5 3/4-7	146.1-177.8	20
W-5#	7 1/4-8 5/8	184.2-219.1	
W-6#	9 5/8-10 3/4	244.5-273.1	14
W-7#	2 3/8-3 3/4	60.3-95.25	48
W-8#	3 1/2-4 5/8	88.9-117.48	
W-9#	4 1/2-5 3/4	114.3-146.05	
W-10#	5 1/4-7 1/4	133.35-184.15	
W-11#	6 7/8-8 5/8	174.6-219.1	
W-12#	9-10 3/4	228.6-273.05	35

S Series Manual Tong

Type		Handle OD		Torque (KN.m)
		in	mm	
S-1#	a	3 1/2-4 1/8	88.9-104.8	55
	b	4 1/8-5	104.8-127	55
S-2#	a	4 1/4-5 1/4	108-133.4	75
	b	5-5 3/4	127-146	75
	c	6-6 3/4	152.4-171.5	75
S-3#	a	6 5/8-7 1/4	168.3-184.1	75
	b	7 5/8-8	187.3-203.2	75
	c	1981/2/9	215.9-228.6	55
S-4#	a	9-9 5/8	228.6-244.5	55
	b	10 5/8-10 3/4	269.8-273	55
S-5#	-	11 3/4	298.5	40
S-6#	-	12 3/4-13	323.8-330.2	40
S-7#	-	13 3/8	339.7	40

L Series Manual Tong

Type	Handle OD		Torque (KN.m)
	in	mm	
L-1#	2.3/8-3.1/2	60.3-88.9	22
L-2#	3.1/2-5	88.9-127	
L-3#	4.3/4-6.1/4	120.65-158.75	
L-4#	5.3/4-7	146.05-177.8	

B Series Manual Tong

Type		Handle OD		Torque (KN.m)
		in	mm	
B-1#	a	3 3/8—4 1/8	85.7~104.8	55
	b	4 1/8—5 1/4	104.8~133.4	
B-2#	a	4 1/4—5 1/4	108~133.4	75
	b	5—5.3/4	127~146.1	
	c	6—6 3/4	152.4~171.5	
B-3#	a	5 1/4—5 3/4	133.4~146.1	
	b	6—6 5/8	152.4~168.3	
	c	6 3/4—8	171.5~203.2	
B-4#	a	6 5/8—7 3/8	168.3~187.3	55
	b	7 3/8—8	187.3~203.2	
	c	8 1/2—8 5/8	215.9~219.1	
B-5#	a	8 1/2—9 5/8	215.9~244.5	
	b	10 5/8—10 3/4	269.9~273.1	
B-6#	a	11 3/4	298.5	
	b	12 3/4	323.9	
B-7#	-	13 3/8	339.7	