



Manual Tongs Specification

Tong Type & Size	No. of Latch Lug Jaw	Latch Step	Size Range		Rated Torque (kN·m)
			in	mm	
Q 3 3/8~12 3/4-75 Type B Manual Tong	5a	1	3 3/8~4 1/8	85.7~104.8	55
		2	4 1/8~5 1/4	104.8~133.3	
	5b	1	4 1/4~5 1/4	107.9~133.3	75
		2	5~5 3/4	127~146	
		3	6~6 3/4	152.4~171.4	
	5b1	1	5 1/4~5 3/4	133.3~146	55
		2	6~6 5/8	152.4~168.3	
		3	6 3/4~8	171.4~203.2	
	5c	1	6 5/8~7 3/8	168.3~187.3	75
		2	7 3/8~8	187.3~203.2	
		3	8 1/2~8 5/8	215.9~219	
	5d	1	8 1/2~9 5/8	215.9~244.5	55
		2	10 5/8~10 3/4	269.9~273	
	5e	1	11 3/4	298.5	55
		2	12 3/4	323.8	
5e1	1	10 3/4	273	55	
	2	11 3/4	298.5		
5e3	1	13~13 3/8	330.2~339.7	55	
Q 3 1/2~13 3/8-75 Type SB Manual Tong	1#	1	3 1/2~4 1/8	88.9~104.78	75
		2	4 1/8~5	104.78~127	
	2#	1	4 1/4~5 1/4	107.95~133.35	75
		2	5~5 3/4	127~146.05	
		3	6~6 3/4	152.4~171.45	
	3#	1	6 5/8~7 1/4	168.28~184.15	55
		2	7 3/8~8	187.33~203.2	
		3	8 1/2~9	215.9~228.6	
	4#	1	9~9 5/8	228.6~244.48	55
		2	10 5/8~10 3/4	269.88~273.05	
	5#	1	11 3/4	298.45	55
	6#	1	12 3/4~13	323.85~330.2	40
	7#	1	13 3/8	339.73	40
Tong Type & Size	No. of Latch Lug Jaw	No. of Hinge Pin Hole	Size Range		Rated Torque (kN·m)
			in	mm	
Q 3 1/2~17-90 Type DB Manual Tong	1#	I	3 1/2~6	88.9~152	90
		II	5 3/4~7	146~178	
		III	6 5/8~8 1/4	168~210	
	2#	I	8~9 5/8	203~244	55
		II	10 5/8~11 1/4	270~286	
	3#	I	11 3/4~12 3/4	298~324	55
		II	13 3/8~14 3/8	340~365	
	4#	II	16~17	406~432	55



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				in	mm		
Q 4~17-135 Type SDD Manual Tong	1#	I	1	4~5 1/2	101.6~139.7	135	
			2	5 1/2~5 3/4	139.7~146		
		II	1	5 1/2~6 5/8	139.7~168.3		
			2	6 1/2~7 1/4	165.1~184.2		
		III	1	6 5/8~7 5/8	168.3~193.7		
			2	7 3/4~8 1/2	196.9~215.9		
	2#	I	1	8 1/2~9	215.9~228.6		
			2	9 1/2~10 3/4	241.3~273		
	3#	II	1	10 3/4~12	273~304.8		
			2	12~12 3/4	304.8~323.8		
	4#	II	1	13 3/8~14	339.7~355.6		100
			2	15	381		
	5#	II	1	15 3/4	400	135	
			2	16	406.4		
5#	II	1	17	431.8	80		
		2	17	431.8			
Tong Type & Size	No. of Latch Lug Jaw	Latch Step	Size Range		Rated Torque (kN·m)		
			in	mm			
Q 2 3/8~7-22 Type LF Manual Tong	1#	/	1	2 3/8~2 7/8	60.32~73	22	
			2	2 7/8~3 1/2	73~88.9		
	2#	/	1	3 1/2~4 1/4	88.9~107.95		
			2	4 1/4~5	107.95~127		
	3#	/	1	4 3/4~5 1/2	120.65~139.7		
			2	5 1/2~6 1/4	139.7~158.75		
	4#	/	1	5 3/4~6 3/8	146.05~161.93		
			2	6 3/8~7	161.93~177.8		
Tong Type & Size	No. of Latch Lug Jaw	No. of Short Jaw	No. of Hinge Jaw	Size Range		Rated Torque (kN·m)	
				in	mm		
Q 2 3/8~10 3/4-48 Type C Manual Tong	1#	1#	/	2 3/8~3.668	60.33~93.17	48	
	2#	1#	/	2 7/8~4 1/4	73.03~108		
	3#	1#	/	3 1/2~5 1/4	88.9~133.35		
	4#	1#	/	5 1/2~7	139.7~177.8		
	5#	2#	1#	7~8 5/8	177.8~219.08		
	6#	2#	2#	9 5/8~10 3/4	244.5~273.05		
Tong Type & Size	No. of Latch Lug Jaw			Size Range		Rated Torque (kN·m)	
				in	mm		
Q 2 3/8~10 3/4-35 Workover Tong	1#			2 3/8~4 1/2	60.32~114.3	35	
	2#			4 1/2~6 1/2	114.3~165.1		
	3#			6 1/2~8 5/8	165.1~219.1		
	4#			9 5/8~10 3/4	244.5~273.1		



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Q 2 3/5~ 10 3/7-27 Type WWC Manual Tong	1#	2 3/8~3 1/2	60.3~88.9	27
	2#	2 7/8~4 1/4	73~108	
	3#	4~5 3/4	101.6~146.1	
	20	4#	5 3/4~7	146.1~177.8
		5#	7 1/4~8 5/8	184.2~219.1
		6#	9 5/8~10 3/4	244.5~273.1
Q 2 3/8~ 10 3/4-48 Type WWB Manual Tong	1#	2 3/8~3 3/4	60.3~95.25	48
	2#	3 1/2~4 5/8	88.9~117.48	
	3#	4 1/2~5 3/4	114.3~146.05	
	35	4#	5 1/4~7 1/4	133.35~184.15
		5#	6 7/8~8 5/8	174.63~219.08
		6#	9~10 3/4	228.6~273.05
Q 2 7/8~13 3/8-75 Type AAX Manual Tong	1#	2 7/8~3 3/4	73~95.25	75
	2#	3 1/2~4 1/2	88.9~114.3	
	3#	4~5 1/4	101.6~133.35	
	40	4#	5~7 1/4	127~184.15
		5#	6 7/8~8 5/8	174.6~219.1
		6#	9~10 3/4	228.6~273.05
		7#	10 3/4~11 3/4	273.05~298.45
		8#	13 3/8	339.7
Q 13 3/8-8 Casing Tong	4#	13 3/8	340, 365	8
Tong Type & Size	No. of Hinge Jaw	Size Range		Rated Torque (kN·m)
		in	mm	
Q 13 3/8~25 1/2-35 Extended Casing Tong	9, 8	13 3/8~14 1/2	340~368.3	35
	8, 7	14 1/2~16	368.3~406.4	
	8, 9, 9	16~17 1/2	406.4~444.5	
	8, 9, 7	17 1/2~19	444.5~482.6	
	7, 8, 7	19~20	482.6~508	
	9, 8, 9, 7	20~21 1/2	508~546.1	
	9, 7, 8, 7	21 1/2~23	546.1~584.2	
	9, 9, 8, 7, 7	24~25 1/2	609.6~647.7	
	9, 8, 7, 7, 7	25 1/2~27	647.7~685.8	
	8, 7, 7, 7, 7	27~28 1/2	685.8~723.9	
	9, 9, 8, 7, 7, 8	28 1/2~30	723.9~762	
	9, 7, 7, 7, 7, 8	30	762	
Q25 1/2~36-55 Extended Casing Tong	9, 8, 7, 7, 7	25 1/2~27	647.7~685.8	55
	8, 7, 7, 7, 7	27~28 1/2	685.8~723.9	
	9, 9, 7, 7, 7, 8	28 1/2~30	723.9~762	
	9, 9, 7, 7, 7, 8	30~31 5/8	762~803.3	
	8, 9, 8, 9, 7, 7, 7	31 1/2~33	800.1~838.2	
	7, 9, 8, 9, 9, 7, 8, 9	33~34 1/2	838.2~876.3	
	8, 7, 7, 9, 9, 8, 8, 8	34 1/2~36	876.3~914.4	