

# CASING MAKE-UP TORQUE GUIDE

## SHORT THREAD RECOMMENDED MAKE-UP TORQUE\*

O.D. (in.)	Nominal Weight (lb/in.)	Grade	Torque (lb-in.)		
			Minimum	Optimum	Maximum
11 1/2"	42.0	J-40	2300	3070	3840
		J-55	3540	4770	5900
	47.0	K-55	3650	5080	6250
		K-55	4000	6000	7500
	54.0	J-55	4200	5400	7100
		K-55	4500	6000	7500
	60.0	J-55	4600	5400	8110
		K-55	5200	6000	8600
	67.0	C-75	5520	6800	10800
		L-60	5850	9150	11410
13 1/2"	48.0	M-60	5900	9240	11550
		C-95	6000	10600	13320
	54.0	P-110	6300	12420	15620
		J-55	2400	3200	4000
	60.0	J-55	3800	5140	6400
		K-55	4100	5470	6840
	67.0	J-55	4400	5950	7440
		K-55	4750	6300	7910
	72.0	J-55	5000	6700	8440
		K-55	5300	7180	8960
18"	67.0	C-75	6800	9850	11300
		L-60	7140	9520	11900
	75.0	M-60	7220	9600	12540
		C-95	8200	11140	13800
	84.0	P-110	9730	12970	16210
		C-75	7340	9750	12300
	94.0	L-60	7730	10200	12880
		M-60	7800	10400	13600
	106.5	C-95	9200	12040	15050
		P-110	10520	14000	17500
20	65.0	H-40	4200		
	75.0	J-55	7100		
	84.0	K-55	7520		

\*Data reprinted from API Bulletin RP5C1, "Recommended Practice for Care and Use of Casing, Tubing, and Drill Pipe," Twelfth Edition, March 1981.

## LONG THREAD RECOMMENDED MAKE-UP TORQUE\*

O.D. (in.)	Nominal Weight (lb/in.)	Grade	Torque (lb-in.)		
			Minimum	Optimum	Maximum
4 1/2"	11 1/2"	J-55	1220	1620	2000
		K-55	1580	1800	2250
		C-75	1610	2150	2600
		L-60	1670	2200	2700
		M-60	1710	2200	2800
	13 1/2"	C-95	1840	2540	3200
		P-110	2270	3000	3750
		C-75	1950	2600	3200
		L-60	2050	2710	3200
		M-60	2070	2760	3450
5"	15 1/2"	C-95	2250	3130	3870
		P-110	2750	3600	4380
		P-110	3300	4400	5500
		J-55	1270	1620	2250
		K-55	1510	2010	2540
	18 1/2"	J-55	1570	2230	2780
		K-55	1850	2460	3080
		C-75	2220	2960	3700
		L-60	2310	3080	3850
		M-60	2360	3140	3900
6"	21 1/4"	C-95	2670	3560	4450
		P-110	3130	4170	5210
		C-75	2820	3770	4710
		L-60	2950	3950	4910
		M-60	3050	4000	5000
	24 1/2"	C-95	3410	4550	5690
		P-110	3880	5210	6640
		C-75	3520	4650	5830
		L-60	3650	4800	6000
		M-60	3710	4850	6190
8 1/2"	27 1/2"	C-95	4220	5620	7000
		P-110	4940	6500	8390
		C-75	4440	5950	7240
		L-60	4510	5810	7110
		M-60	4590	5730	7150
	30 3/8"	C-95	4880	6500	8130
		P-110	5750	7180	9500
		J-55	4930	5170	5910
		K-55	5790	6380	7990
		J-55	5850	6470	8000

\*Data reprinted from API Bulletin RP5C1, "Recommended Practice for Care and Use of Casing, Tubing, and Drill Pipe," Twelfth Edition, March 1981.

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**AW Rasmussen**

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