

# CASING MAKE-UP TORQUE GUIDE

**SHORT THREAD  
RECOMMENDED MAKE-UP TORQUE\***

O.D. (In.)	Nominal Weight (lb/ft)	Grade	Torque (ft-lb)		
			Minimum	Optimum	Maximum
11 1/4	42.0	H-40	2300	3070	3840
	47.0	J-55	3580	4770	5960
		K-55	3620	5090	6280
	54.0	J-55	4260	5600	7100
		K-55	4520	6060	7580
	60.0	J-55	4870	6400	8110
		K-55	5200	6930	8660
		C-75	6520	8600	10660
		L-80	6650	9130	11410
		N-80	6930	9240	11550
		C-95	8000	10660	13330
		P-110	9320	12420	15530
13 1/4	48.0	H-40	2420	3220	4030
	54.5	J-55	3860	5140	6430
		K-55	4100	5470	6840
	61.0	J-55	4480	5850	7440
		K-55	4750	6230	7810
	68.0	J-55	5060	6750	8440
		K-55	5390	7180	8980
		C-75	6800	9060	11330
		L-80	7140	9520	11900
		N-80	7220	9630	12040
		C-95	8360	11140	13930
		P-110	9730	12870	16210
	72.0	C-75	7340	9780	12330
		L-80	7720	10290	12860
		N-80	7800	10400	13000
		C-95	9030	12040	15030
		P-110	10520	14020	17530
16	65.0	H-40	4390		
	75.0	J-55	7100		
		K-55	7520		
	84.0	J-55	8170		
18 1/4		K-55	8650		
	87.5	H-40	5580		
		J-55	7540		
20		K-55	7940		
	94.0	H-40	5810		
		J-55	7840		
		K-55	8240		
	106.5	J-55	9130		
		K-55	9600		
	133.0	J-55	11920		
		K-55	12530		

\*Data reprinted from API Bulletin RPSC1, "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/ft)	Grade	Torque (ft-lb)		
			Minimum	Optimum	Maximum
4 1/2	11.6	J-55	1220	1620	2030
		K-55	1650	1800	2250
		C-75	1610	2150	2680
		L-80	1670	2230	2780
		N-80	1710	2280	2850
		C-95	1940	2580	3230
		P-110	2270	3020	3780
	13.5	C-75	1850	2600	3250
		L-80	2000	2710	3390
		N-80	2070	2760	3450
		C-95	2350	3130	3810
		P-110	2750	3600	4380
	15.1	P-110	3300	4400	5500
5	13.0	J-55	1370	1820	2280
		K-55	1510	2010	2510
	15.0	J-55	1670	2230	2780
		K-55	1850	2480	3080
		C-75	2220	2960	3700
		L-80	2310	3080	3850
		N-80	2360	3140	3900
		C-95	2670	3580	4450
		P-110	3150	4170	5210
	18.0	C-75	2630	3770	4710
		L-80	2850	3950	4910
		N-80	3000	4000	5000
		C-95	3410	4550	5680
		P-110	3980	5210	6540
	21.4	C-75	3500	4860	5830
		L-80	3650	4980	6080
		N-80	3710	4950	6180
		C-95	4220	5620	7030
	24.1	P-110	4940	6580	8230
		C-75	4040	5390	6740
		L-80	4210	5610	7010
		N-80	4290	5720	7150
5 1/2	15.5	C-95	4880	6500	8130
		P-110	5700	7600	9500
	17.0	J-55	1630	2170	2710
		K-55	1790	2390	2990
		J-55	1850	2470	3090
		K-55	2040	2720	3400
		C-75	2490	3270	4090
		L-80	2560	3410	4280
		N-80	2610	3480	4350
		C-95	2970	3980	4950
		P-110	3470	4620	5780

\*Data reprinted from API Bulletin RPSC1, "Recommended Practice for Care and Use of Casing, Tubing, and Drill Pipe," Twelfth Edition, March 1981.

# Casing Torque Monitoring User Guide

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