

CanTorque Series Specifications



Always Up For A Challenge

- Housing CNC machined from Aircraft Grade Aluminum
- Every tool individually calibrated and certified
- Positive engagement ratchet will never lock up
- Extremely simple and efficient design
- High torque to weight ratio
- Multi-position reaction arm

Technical

Model No.	CT-2	CT-3	CT-5	CT-7	CT-11	CT-20	CT-27	CT-60
Square Drive	3/4"	1"	1 1/2"	1 1/2"	1 1/2"	2 1/2"	2 1/2"	2 1/2"
Min. Torque Lbf/ft	127	330	534	740	1,100	2,220	2,720	5,800
Max. Torque Lbf/ft	1,270	3,330	5,340	7,400	11,010	22,200	27,200	58,000
Output Accuracy	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%
Repeatability	100%	100%	100%	100%	100%	100%	100%	100%
Duty Cycle	100%	100%	100%	100%	100%	100%	100%	100%
Tool Weight Lbs/(Kgs)	4.00/(1.85)	9.30/(4.20)	18.60/(8.40)	19.60/(8.90)	30.00/(13.60)	62.70/(28.5)	72.20/(32.75)	134.00/(60.80)

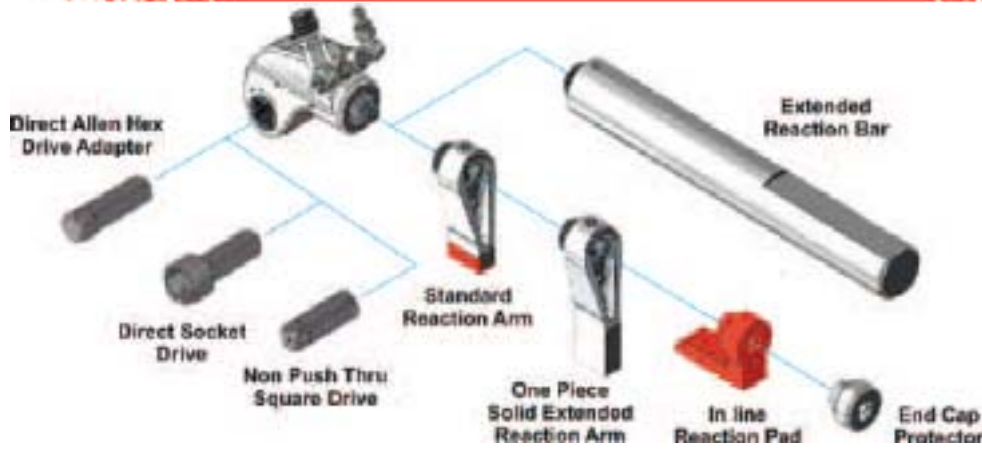


Dimensions

Model No.	CT-2		CT-3		CT-5		CT-7		CT-11		CT-20		CT-27		CT-60	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
Height	105.00	4.13	131.00	5.15	161.60	6.36	175.90	6.92	198.20	7.80	235.50	9.27	259.70	10.22	295.00	11.61
Length 1	121.00	4.76	157.00	6.18	181.58	7.15	205.00	8.07	240.00	9.44	240.20	9.45	318.30	12.53	393.30	15.48
Length 2	160.00	6.29	207.7	8.17	251.76	9.91	276.00	10.86	313.33	12.33	410.10	16.14	415.70	16.36	521.00	20.51
Radius	25.00	0.98	33.00	1.30	41.27	1.62	43.25	1.70	49.70	1.95	59.20	2.33	61.90	2.43	73.80	2.90
Width 1	51.20	2.01	68.50	2.70	79.40	3.13	93.50	3.68	99.90	3.93	124.20	4.88	133.80	5.26	167.50	6.60
Width 2	71.60	2.81	94.70	3.72	111.20	4.38	130.40	5.13	139.00	5.47	182.10	7.16	198.00	7.79	227.00	8.93
Width 3	108.00	4.25	148.70	5.85	175.10	6.89	202.00	7.95	222.50	8.75	279.00	11.0	297.00	11.70	370.00	14.56

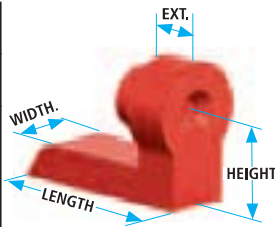
Note : All tool weights include Couplers, Swivels, Reaction Arm and Internal Oil.

CT Series Accessories



In line Reaction Pad

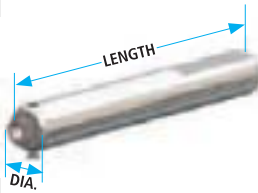
Tool Model	Height	Length	Width	Ext.
CT-2	3.55	1.65	1.13	0.83
CT-3	4.50	2.15	1.52	1.09
CT-5	5.10	2.45	1.85	1.33
CT-7	6.25	2.90	2.05	1.65
CT-11	6.85	3.26	2.24	1.96
CT-20	9.05	4.13	3.14	3.00
CT-27	8.85	4.33	2.30	2.75
CT-60	10.62	5.51	4.00	3.54



• All Dimensions are in inches.

Extended Reaction Tube

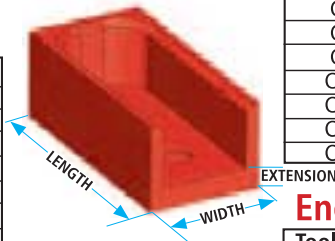
Tool Model	Extended Reaction Tube Model	Dia.	Length
CT-2	ACT-2-03-ERT	2.00	18.57
CT-3	ACT-3-03-ERT	2.63	23.75
CT-5	ACT-5-03-ERT	3.00	22.50
CT-7	ACT-7-03-ERT	3.50	23.00
CT-11	ACT-11-03-ERT	3.75	25.13
CT-20	ACT-20-03-ERT	4.00	21.65
CT-27	ACT-27-03-ERT	5.00	16.50
CT-60	ACT-60-03-ERT	6.00	14.00



• All Dimensions are in inches.

Extension Boot

Part No.	Ext.	Length	Width
ACT2-03-EXT1	1.00	1.520	1.00
ACT2-03-EXT2	2.00		
ACT2-03-EXT3	3.00		
ACT3-03-EXT1	1.00	2.000	1.25
ACT3-03-EXT2	2.00		
ACT3-03-EXT3	3.00		
ACT5-03-EXT1	1.00	2.741	2.00
ACT5-03-EXT2	2.00		
ACT5-03-EXT3	3.00		
ACT7-03-EXT1	1.00	2.741	1.75
ACT7-03-EXT2	2.00		
ACT7-03-EXT3	3.00		
ACT11-03-EXT1	1.00	3.000	2.00
ACT11-03-EXT2	2.00		
ACT11-03-EXT3	3.00		
ACT20-03-EXT1	1.00	4.17	2.50
ACT20-03-EXT2	2.00		
ACT20-03-EXT3	3.00		
ACT27-03-EXT1	1.00	4.000	2.50
ACT27-03-EXT2	2.00		
ACT27-03-EXT3	3.00		
ACT60-03-EXT1	1.00	5.11	3.50
ACT60-03-EXT2	2.00		
ACT60-03-EXT3	3.00		



• All Dimensions are in inches.

Direct Allen Hex Drive Adapter

Tool Model	Direct Allen Hex Drive Adaptor Model
CT-2	ACT-2-11 (Specify A/F Size)
CT-3	ACT-3-11 (Specify A/F Size)
CT-5	ACT-5-11 (Specify A/F Size)
CT-7	ACT-7-11 (Specify A/F Size)
CT-11	ACT-11-11 (Specify A/F Size)
CT-20	ACT-20-11 (Specify A/F Size)
CT-27	ACT-27-11 (Specify A/F Size)
CT-60	ACT-60-11 (Specify A/F Size)



Non Push Thru Square Drive

Tool Model	Non Push Thru Square Drive Model
CT-2	ACT-2-NCT
CT-3	ACT-3-NCT
CT-5	ACT-5-NCT
CT-7	ACT-7-NCT
CT-11	ACT-11-CT
CT-20	ACT-20-CT
CT-27	ACT-27-CT
CT-60	ACT-60-CT



Direct Socket Drive

Tool Model	Direct Socket Drive Model
CT-2	ACT-2-DS
CT-3	ACT-3-DS
CT-5	ACT-5-DS
CT-7	ACT-7-DS
CT-11	ACT-11-DS
CT-20	ACT-20-DS
CT-27	ACT-27-DS
CT-60	ACT-60-DS



End Cap Protector

Tool Model	End Cap Protector Model
CT-2	CT-2-EC
CT-3	CT-3-EC
CT-5	CT-5-EC
CT-7	CT-7-EC
CT-11	CT-11-EC
CT-20	CT-20-EC
CT-27	CT-27-EC
CT-60	CT-60-EC



Types of Reaction Arms



CT Series Features

















▲ CT-7 Torques the Nut in Seconds!



◀ CT-3 In use during a super critical application in the Power Industry.

The Multi-Faceted CT Series is the preferred tool of choice on applications in every industry. From Petrochemical Plants, Steel Plants, Offshore Platforms and the Windmill Industry, the CT series is the most versatile tool that outperforms all the others!

<p>Mono Body Housing: Highest quality aircraft grade 7075 Aluminum housing for unrivalled strength.</p>		<p>360 Swivels: Dual 360° Swivel allows free 360° individual movement of duplex hoses across all applications.</p>	
<p>Multi Tooth Ratchet Assembly: Highest strength teeth ensures maximum stroke with greatest accuracy.</p>		<p>Non-drip Quick Connect Couplers: 4:1 safety ratio couplers. Assure safe operation with ease for engaging and disengaging of hoses.</p>	
<p>Square Drive: Fixed Square Drive-Maximum Strength that ensures proper tool engagement and easily switches from loosen to tighten.</p>		<p>Anti Backlash Mechanism: Allows hands free working.</p>	
<p>Laser Engraved Torque Chart: Laser engraved shroud for quick Torque Chart reference.</p>		<p>Drive Plate: Single piece high strength alloy drive plate for maximum life. Allows small nose radius for the tool.</p>	
<p>Piston Assembly: Smooth leak proof functioning of enclosed alloy steel piston provides required torque. Uses a single seal for maximum maintenance free operation.</p>		<p>Direct Housing Reaction: Allows use without reaction arm</p>	
<p>Boot: Replaceable pad allowing on site change over. Protects costly replacement of reaction arm.</p>		<p>Reaction Arm Release Button: Housed within the reaction arm.</p>	
<p>Reaction Arm: Long Length Reaction Arm allows multi positioning. Allows taking reaction on most applications.</p>		<p>Drive Segment: Multi Tooth Engagement provides maximum surface area to distribute torque load and ensures the tool will never lock up.</p>	

CT Series Torque Conversion Chart

*All values approximate and can fluctuate with actual tool, please refer to Calibration Certificate for actual values

PSI	PSI-Lbf/ft							
	CT-2 Lbf/ft	CT-3 Lbf/ft	CT-5 Lbf/ft	CT-7 Lbf/ft	CT-11 Lbf/ft	CT-20 Lbf/ft	CT-27 Lbf/ft	CT-60 Lbf/ft
1,000	127	330	534	740	1,090	2,220	2,720	5,943
1,200	152	395	643	888	1,308	2,677	3,264	7,132
1,400	178	460	745	1,036	1,526	3,102	3,808	8,320
1,600	203	525	855	1,185	1,745	3,559	4,352	9,509
1,800	229	590	957	1,332	1,962	3,983	4,896	10,697
2,000	255	655	1,067	1,470	2,210	4,441	5,440	11,662
2,200	279	722	1,177	1,617	2,430	4,898	5,984	12,828
2,400	305	789	1,279	1,765	2,652	5,322	6,528	13,994
2,600	330	856	1,388	1,911	2,873	5,779	7,072	15,161
2,800	356	923	1,490	2,058	3,095	6,204	7,616	16,327
3,000	380	990	1,600	2,210	3,340	6,661	8,160	17,387
3,200	406	1,058	1,710	3,560	3,560	7,118	8,704	18,546
3,400	432	1,126	1,812	2,505	3,785	7,542	9,248	19,705
3,600	457	1,194	1,922	2,652	4,005	7,999	9,792	20,864
3,800	483	1,262	2,024	2,800	4,230	8,424	10,336	22,024
4,000	510	1,330	2,118	2,960	4,400	8,881	10,880	23,286
4,200	533	1,397	2,244	3,108	4,620	9,338	11,424	24,450
4,400	559	1,464	2,346	3,256	4,840	9,763	11,968	25,615
4,600	584	1,531	2,456	3,405	5,060	10,220	12,512	26,779
4,800	609	1,598	2,558	3,552	5,280	10,644	13,056	27,943
5,000	635	1,665	2,667	3,716	5,500	11,101	13,600	29,322
5,200	660	1,732	2,777	3,865	5,720	11,558	14,144	30,495
5,400	686	1,799	2,879	4,013	5,940	11,983	14,688	31,668
5,600	711	1,856	2,989	4,162	6,160	12,440	15,232	32,841
5,800	737	1,933	3,092	4,311	6,380	12,684	15,776	34,014
6,000	760	2,000	3,201	4,440	6,620	13,322	16,320	34,696
6,200	787	2,065	3,311	4,588	6,838	13,779	16,864	36,135
6,400	813	2,130	3,413	4,736	7,060	14,203	17,408	37,300
6,600	838	2,195	3,523	4,884	7,280	14,660	17,952	38,466
6,800	864	2,260	3,625	5,032	7,500	15,085	18,496	39,632
7,000	890	2,325	3,735	5,180	7,710	15,542	19,040	40,914
7,200	914	2,398	3,845	5,328	7,927	15,999	19,584	42,083
7,400	940	2,461	3,946	5,476	8,147	16,423	20,128	43,252
7,600	965	2,529	4,057	5,625	8,368	16,880	20,672	44,421
7,800	991	2,597	4,159	5,772	8,588	17,305	21,216	45,590
8,000	1,015	2,665	4,269	5,920	8,820	17,762	21,760	46,859
8,200	1,041	2,731	4,378	6,068	9,045	18,219	22,304	48,030
8,400	1,067	2,797	4,480	6,216	9,265	18,644	22,848	49,202
8,600	1,092	2,863	4,590	6,365	9,485	19,101	23,392	50,373
8,800	1,118	2,929	4,692	6,512	9,705	19,525	23,936	51,545
9,000	1,145	2,995	4,802	6,660	9,930	19,982	24,480	52,799
9,200	1,168	3,062	4,912	6,808	10,148	20,439	25,024	53,972
9,400	1,194	3,129	5,014	6,956	10,368	20,864	25,568	55,146
9,600	1,219	3,196	5,124	7,105	10,588	21,321	26,112	56,319
9,800	1,245	3,263	5,226	7,252	10,810	21,745	26,656	57,492
10,000	1,270	3,330	5,340	7,400	11,010	22,220	27,200	59,401