

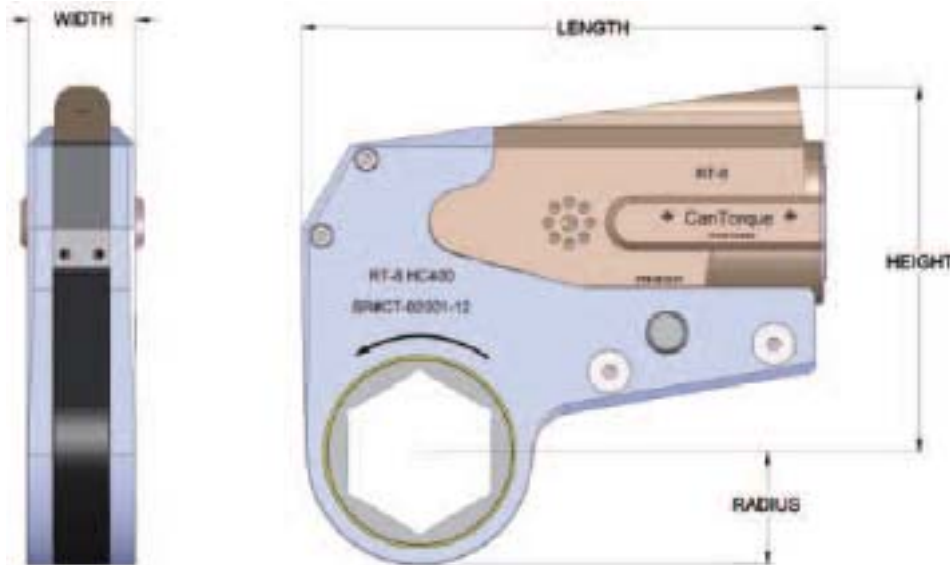
# Razor Torque Series Specifications

**Razor Torque - When Your Need That Extra Edge!**



## Technical

Model No.	RT-1	RT-2	RT-4	RT-8	RT-16	RT-32	RT-45
Tool Hex from	13mm / 1/2"	19mm / 3/4"	25mm / 1"	50mm / 1 7/8"	65mm / 2 5/8"	80mm / 3 1/8"	80mm / 3 1/8"
to	41mm / 1 5/8"	60mm / 2 3/8"	80mm / 3 1/8"	105mm / 4"	115mm / 4 5/8"	155mm / 6 1/8"	165mm / 6 1/2"
Min. Torque Lbf/ft	45	192	395	830	1,560	3,220	4,865
Max. Torque Lbf/ft	560	1,928	3,950	8,630	16,600	35,650	47,380
Output Accuracy	+/- 3%	+/- 3%	+/- 3%	+/- 3%	+/- 3%	+/- 3%	+/- 3%
Repeatability	100%	100%	100%	100%	100%	100%	100%
Duty Cycle	100%	100%	100%	100%	100%	100%	100%
Corrosion Protection				Standard			
Cylinder Weight Lbs/kgs	1 / 0.50	3.80 / 1.73	6.50 / 2.97	12.80 / 5.79	16.50 / 7.48	26.90 / 12.17	30.20 / 13.70
Link Weight from Lbs/kgs	1 / 0.50	2.50 / 1.14	5.70 / 2.57	12.50 / 5.68	21.70 / 9.85	30.40 / 13.80	29.00 / 13.18
to Lbs / kgs	1 / 0.50	3.70 / 1.66	8.00 / 3.62	15.20 / 6.91	28.60 / 13.00	40.30 / 18.30	39.50 / 17.95



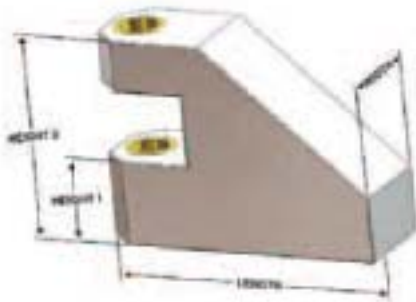
## Dimensions

Model No.	RT-1		RT-2		RT-4		RT-8		RT-16		RT-32		RT-45	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
Length	111.00	4.37	147.00	5.78	203.20	8.00	253.00	9.96	330.00	13.00	390.00	15.35	450.00	17.71
Height	82.60	3.25	103.00	4.05	144.00	5.66	179.50	7.06	193.80	7.63	278.00	10.94	278.00	10.94
Width	19.90	0.78	38.00	1.49	50.70	1.99	59.50	2.34	65.00	2.56	84.00	3.30	123.80	4.87
Radius	5.80	0.23	9.30	0.36	11.85	0.46	13.90	0.54	16.80	0.66	23.75	0.94	23.75	0.94

# RT Series Accessories



## Low Point Reaction Arm



Tool Model	Low Point Reaction Arm Model	Length	Width	Height 1	Height 2
RT-1	RT-1 RP	2.73	0.65	0.90	1.96
RT-2	RT-2 RP	4.35	1.03	1.49	3.26
RT-4	RT-4 RP	5.65	1.23	2.02	4.23
RT-8	RT-8 RP	7.15	1.78	2.53	5.35
RT-16	RT-16 RP	9.05	2.51	3.04	6.36
RT-32	RT-32 RP	11.20	3.26	3.95	8.30
RT-45	RT-45 RP	11.20	3.26	3.95	8.30

## Extended Reaction Arm



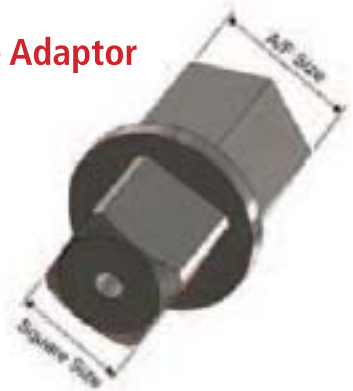
Tool Model	Extended Reaction Arm Model	Length	Height	Width
RT-1	RT-1-EXT	13.5	1.25	1.25
RT-2	RT-2-EXT	19.80	1.54	1.90
RT-4	RT-4-EXT	20.29	2.05	2.40
RT-8	RT-8-EXT	20.85	2.52	3.03
RT-16	RT-16-EXT	21.50	3.04	3.65
RT-32	RT-32-EXT	22.28	3.95	4.52
RT-45	RT-45-EXT	22.28	3.95	4.52

• All Dimensions are in inches.

Low Point Reaction Arm

## Hex To Square Drive Adaptor

Tool Model	Hex To Square Drive Adaptor Model
RT-1	AHS1
RT-2	AHS2
RT-4	AHS4
RT-8	AHS8
RT-16	AHS16
RT-32	AHS32
RT-45	AHS45

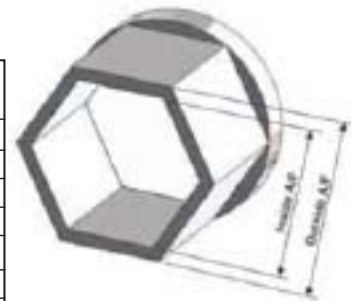


- Specify A/F size and Square size when ordering.

## Hex Reducer

- Indicate Outside A/F, Inside A/F when ordering.

Tool Model	Hex Reducer Model
RT-1	HR-1-#-#
RT-2	HR-2-#-#
RT-4	HR-4-#-#
RT-8	HR-8-#-#
RT-16	HR-16-#-#
RT-32	HR-32-#-#
RT-45	HR-45-#-#



- # - Inside and outside A/F of Hex Reducer to be specified.

## Stack Socket



## RT Series Features

### RT Low Profile - The Perfect Solution for Tight Applications!



RT-2 Speedy torquing!

#### High Strength Body:

Cylinder and Link Body are manufactured from high grade, high strength alloy.



#### Multi Tooth Ratchet Assembly:

Highest strength teeth ensures maximum stroke with greatest accuracy.



#### Round Design Cylinder:

Simple cylinder design for maximum efficiency and longest term operation.



#### Never Lock Drive Segment:

Never lock drive segment does not let the wrench lock and thus eliminates the requirement of a ratchet release mechanism.



#### 360 Swivels:

Dual 360° Swivel allows free 360° individual movement of duplex hoses across all applications.



#### In-line Reaction Pad:

This ensures torsion free reaction during use.



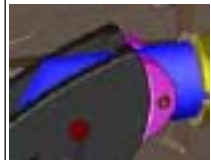
#### Non-drip Quick Connect Couplers:

4:1 safety ratio couplers. Assures safe operation with ease for engaging and disengaging of hoses.



#### Sliders:

Reduce friction and prevent wear on the piston.



#### Link Pin:

One simple pin for cassette link to cylinder engagement without using any additional or special tools.



#### Alignment Pins:

Ensure equal load distribution between the 2 side plates.



#### Drive Plate:

Single piece high strength alloy drive plate for maximum life. Allows small nose radius for the tool.



#### Piston Seals:

High temperature Polyurethane seals ensure years of maintenance free operation.



## RT Hex Cartridge Sizing Info

RT-1 Link Number	Hex Size	RT-2 Link Number	Hex Size	RT-4 Link Number	Hex Size	RT-8 Link Number	Hex Size	RT-16 Link Number	Hex Size	RT-32 Link Number	Hex Size
RT-1HC008	1/2"	RT-2HC012	3/4"	RT-4HC100	1"	RT-8HC114	1 7/8"	RT-16HC210	2 5/8"	RT-32HC302	3 1/8"
RT-1HC009	9/16"	RT-2HC013	13/16"	RT-4HC101	1 1/16"	RT-8HC115	1 15/16"	RT-16HC211	2 11/16"	RT-32HC303	3 3/16"
RT-1HC010	5/8"	RT-2HC014	7/8"	RT-4HC102	1 1/8"	RT-8HC200	2"	RT-16HC212	2 3/4"	RT-32HC304	3 1/4"
RT-1HC011	11/16"	RT-2HC015	15/16"	RT-4HC103	1 3/16"	RT-8HC201	2 1/16"	RT-16HC213	2 13/16"	RT-32HC305	3 5/16"
RT-1HC012	3/4"	RT-2HC100	1"	RT-4HC104	1 1/4"	RT-8HC202	2 1/8"	RT-16HC214	2 7/8"	RT-32HC306	3 3/8"
RT-1HC013	13/16"	RT-2HC101	1 1/16"	RT-4HC105	1 5/16"	RT-8HC203	2 3/16"	RT-16HC215	2 15/16"	RT-32HC307	3 7/16"
RT-1HC014	7/8"	RT-2HC102	1 1/8"	RT-4HC106	1 3/8"	RT-8HC204	2 1/4"	RT-16HC300	3"	RT-32HC308	3 1/2"
RT-1HC015	15/16"	RT-2HC103	1 3/16"	RT-4HC107	1 7/16"	RT-8HC205	2 5/16"	RT-16HC301	3 1/16"	RT-32HC309	3 9/16"
RT-1HC100	1"	RT-2HC104	1 1/4"	RT-4HC108	1 1/2"	RT-8HC206	2 3/8"	RT-16HC302	3 1/8"	RT-32HC310	3 5/8"
RT-1HC101	1 1/16"	RT-2HC105	1 5/16"	RT-4HC109	1 9/16"	RT-8HC207	2 7/16"	RT-16HC303	3 3/16"	RT-32HC311	3 11/16"
RT-1HC102	1 1/8"	RT-2HC106	1 3/8"	RT-4HC110	1 5/8"	RT-8HC208	2 1/2"	RT-16HC304	3 1/4"	RT-32HC312	3 3/4"
RT-1HC103	1 3/16"	RT-2HC107	1 7/16"	RT-4HC111	1 11/16"	RT-8HC209	2 9/16"	RT-16HC305	3 5/16"	RT-32HC313	3 13/16"
RT-1HC104	1 1/4"	RT-2HC108	1 1/2"	RT-4HC112	1 3/4"	RT-8HC210	2 5/8"	RT-16HC306	3 3/8"	RT-32HC314	3 7/8"
RT-1HC105	1 5/16"	RT-2HC109	1 9/16"	RT-4HC113	1 13/16"	RT-8HC211	2 11/16"	RT-16HC307	3 7/16"	RT-32HC315	3 15/16"
RT-1HC106	1 3/8"	RT-2HC110	1 5/8"	RT-4HC114	1 7/8"	RT-8HC212	2 3/4"	RT-16HC308	3 1/2"	RT-32HC400	4"
RT-1HC107	1 7/16"	RT-2HC111	1 11/16"	RT-4HC115	1 15/16"	RT-8HC213	2 13/16"	RT-16HC309	3 9/16"	RT-32HC401	4 1/16"
RT-1HC108	1 1/2"	RT-2HC112	1 3/4"	RT-4HC200	2"	RT-8HC214	2 7/8"	RT-16HC310	3 5/8"	RT-32HC402	4 1/8"
RT-1HC109	1 9/16"	RT-2HC113	1 13/16"	RT-4HC201	2 1/16"	RT-8HC215	2 15/16"	RT-16HC311	3 11/16"	RT-32HC403	4 3/16"
RT-1HC110	1 5/8"	RT-2HC114	1 7/8"	RT-4HC202	2 1/8"	RT-8HC300	3"	RT-16HC312	3 3/4"	RT-32HC404	4 1/4"
		RT-2HC115	1 15/16"	RT-4HC203	2 3/16"	RT-8HC301	3 1/16"	RT-16HC313	3 13/16"	RT-32HC405	4 5/16"
		RT-2HC200	2"	RT-4HC204	2 1/4"	RT-8HC302	3 1/8"	RT-16HC314	3 7/8"	RT-32HC406	4 3/8"
		RT-2HC201	2 1/16"	RT-4HC205	2 5/16"	RT-8HC303	3 3/16"	RT-16HC315	3 15/16"	RT-32HC407	4 7/16"
		RT-2HC202	2 1/8"	RT-4HC206	2 3/8"	RT-8HC304	3 1/4"	RT-16HC400	4"	RT-32HC408	4 1/2"
		RT-2HC203	2 3/16"	RT-4HC207	2 7/16"	RT-8HC305	3 5/16"	RT-16HC401	4 1/16"	RT-32HC409	4 9/16"
		RT-2HC204	2 1/4"	RT-4HC208	2 1/2"	RT-8HC306	3 3/8"	RT-16HC402	4 1/8"	RT-32HC410	4 5/8"
		RT-2HC205	2 5/16"	RT-4HC209	2 9/16"	RT-8HC307	3 7/16"	RT-16HC403	4 3/16"	RT-32HC411	4 11/16"
		RT-2HC206	2 3/8"	RT-4HC210	2 5/8"	RT-8HC308	3 1/2"	RT-16HC404	4 1/4"	RT-32HC412	4 3/4"
				RT-4HC211	2 11/16"	RT-8HC309	3 9/16"	RT-16HC405	4 5/16"	RT-32HC413	4 13/16"
				RT-4HC212	2 3/4"	RT-8HC310	3 5/8"	RT-16HC406	4 3/8"	RT-32HC414	4 7/8"
				RT-4HC213	2 13/16"	RT-8HC311	3 11/16"	RT-16HC407	4 7/16"	RT-32HC415	4 15/16"
				RT-4HC214	2 7/8"	RT-8HC312	3 3/4"	RT-16HC408	4 1/2"	RT-32HC500	5"
				RT-4HC215	2 15/16"	RT-8HC313	3 13/16"	RT-16HC409	4 9/16"	RT-32HC501	5 1/16"
				RT-4HC300	3"	RT-8HC314	3 7/8"	RT-16HC410	4 5/8"	RT-32HC502	5 1/8"
				RT-4HC301	3 1/16"	RT-8HC315	3 15/16"			RT-32HC503	5 3/16"
				RT-4HC302	3 1/8"	RT-8HC400	4"			RT-32HC504	5 1/4"
										RT-32HC505	5 5/16"
										RT-32HC506	5 3/8"
										RT-32HC507	5 7/16"
										RT-32HC508	5 1/2"
										RT-32RL509	5 9/16"
										RT-32RL510	5 5/8"
										RT-32RL511	5 11/16"
										RT-32RL512	5 3/4"
										RT-32RL513	5 13/16"
										RT-32RL514	5 7/8"
										RT-32RL515	5 15/16"
										RT-32RL600	6"
										RT-32RL601	6 1/16"
										RT-32RL602	6 1/8"



▲  
Change size by removing single link pin

All RT series links are available in MM sizes also. Consult CanTorque for part numbers.

# RT Series Torque Conversion Chart

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

PSI-Lbf/ft												
Hex Sizes	RT-1		RT-2		RT-4	RT-8	RT-16		RT-32		RT-45	
	1/2" to 1 1/8"	1 3/16" to 1 5/8"	3/4" to 1 13/16"	1 7/8" to 2 3/8"	All Hex Sizes	All Hex Sizes	2 5/8" to 3 15/16"	4" to 4 5/8"	2 7/16" to 4 5/8"	4 11/16" to 6 1/2"	2 7/16" to 4 5/8"	4 11/16" to 6 1/2"
	17 to 27mm	30 to 41mm	19 to 46mm	47 to 60mm	All Hex Sizes	All Hex Sizes	65 to 100mm	105 to 115mm	80 to 115mm	115 to 155mm	80 to 115mm	115 to 155mm
PSI	Lbf/ft	Lbf/ft	Lbf/ft	Lbf/ft	Lbf/ft	Lbf/ft	Lbf/ft	Lbf/ft	Lbf/ft	Lbf/ft	Lbf/ft	Lbf/ft
1,000	49	66	192	210	395	830	1,560	1,660	3,190	3,700	4,685	4,852
1,200	58	77	230	252	475	1,001	1,870	1,992	3,880	4,440	5,415	5,779
1,400	66	87	269	294	555	1,173	2,180	2,324	4,570	5,180	6,145	6,706
1,600	75	97	307	336	630	1,344	2,495	2,656	5,260	5,920	6,875	7,633
1,800	84	108	346	378	710	1,516	2,805	2,988	5,950	6,660	7,605	8,560
2,000	93	118	385	420	790	1,688	3,120	3,320	6,636	7,400	8,338	9,485
2,200	102	130	422	462	870	1,865	3,430	3,652	7,282	8,140	9,180	10,440
2,400	110	140	461	504	950	2,042	3,740	3,984	7,928	8,880	10,022	11,395
2,600	118	152	500	546	1,025	2,219	4,050	4,316	8,574	9,620	10,864	12,350
2,800	126	162	537	588	1,105	2,396	4,365	4,648	9,220	10,360	11,706	13,305
3,000	135	173	578	640	1,185	2,574	4,675	4,980	9,866	11,100	12,548	14,260
3,200	145	186	614	681	1,265	2,775	4,990	5,360	10,512	11,840	13,422	15,202
3,400	153	198	653	724	1,345	2,976	5,300	5,644	11,158	12,580	14,296	16,144
3,600	163	210	691	766	1,420	3,177	5,610	5,976	11,804	13,320	15,170	17,086
3,800	172	221	730	809	1,500	3,378	5,925	6,308	12,450	14,060	16,044	18,028
4,000	181	234	771	855	1,580	3,580	6,235	6,650	13,201	14,800	16,921	18,970
4,200	191	246	806	894	1,660	3,735	6,550	6,983	13,861	15,540	17,762	19,914
4,400	200	257	845	937	1,740	3,891	6,860	7,315	14,521	16,280	18,603	20,858
4,600	209	270	883	980	1,815	4,046	7,170	7,648	15,181	17,020	19,444	21,802
4,800	218	281	922	1,022	1,895	4,202	7,485	7,980	15,841	17,760	20,285	22,746
5,000	227	292	964	1,070	1,975	4,358	7,795	8,360	16,500	18,500	21,130	23,690
5,200	236	304	998	1,112	2,055	4,538	8,105	8,694	17,163	19,240	21,978	24,637
5,400	244	314	1,037	1,155	2,135	4,718	8,420	9,029	17,826	19,980	22,826	25,584
5,600	254	326	1,075	1,198	2,210	4,898	8,730	9,363	18,489	20,720	23,674	26,531
5,800	262	336	1,114	1,241	2,290	5,078	9,045	9,698	19,152	21,460	24,522	27,478
6,000	271	348	1,156	1,285	2,370	5,258	9,355	10,100	19,815	22,200	25,372	28,425
6,200	280	360	1,190	1,327	2,450	5,410	9,665	10,437	20,448	22,940	26,192	29,378
6,400	289	371	1,229	1,370	2,530	5,562	9,975	10,773	21,081	23,680	27,012	30,331
6,600	298	384	1,267	1,412	2,605	5,715	10,290	11,110	21,714	24,420	27,832	31,284
6,800	307	395	1,305	1,455	2,685	5,867	10,600	11,447	22,470	25,160	28,652	32,237
7,000	316	406	1,349	1,500	2,765	6,020	10,915	11,720	22,981	25,900	29,475	33,190
7,200	325	418	1,382	1,541	2,845	6,186	11,225	12,055	23,638	26,640	30,328	34,143
7,400	333	429	1,421	1,583	2,925	6,352	11,535	12,390	24,295	27,380	31,181	35,096
7,600	343	441	1,460	1,626	3,000	6,519	11,850	12,725	24,952	28,120	32,034	36,049
7,800	352	452	1,497	1,669	3,080	6,685	12,160	13,005	25,609	28,860	32,887	37,002
8,000	361	463	1,542	1,715	3,160	6,852	12,475	13,510	26,265	29,600	33,740	37,955
8,200	370	475	1,574	1,755	3,240	7,023	12,785	13,848	26,922	30,340	34,562	38,877
8,400	378	486	1,613	1,798	3,320	7,195	13,095	14,186	27,579	31,080	35,382	39,799
8,600	387	497	1,651	1,840	3,395	7,366	13,405	14,523	28,236	31,820	36,202	40,721
8,800	395	508	1,690	1,883	3,475	7,538	13,720	14,861	28,893	32,560	37,022	41,643
9,000	404	520	1,735	1,929	3,555	7,710	14,030	15,020	29,550	33,300	37,840	42,565
9,200	414	531	1,766	1,969	3,635	7,894	14,345	15,354	30,206	34,040	38,706	43,528
9,400	422	542	1,805	2,011	3,710	8,078	14,655	15,688	30,862	34,780	39,572	44,454
9,600	431	554	1,843	2,054	3,790	8,262	14,965	16,021	31,518	35,520	40,438	45,454
9,800	440	564	1,882	2,097	3,870	8,446	15,280	16,355	32,174	36,260	41,304	46,417
10,000	448	576	1,928	2,145	3,950	8,630	15,595	16,600	32,830	37,000	42,170	47,380