

### Casing Running Tool Size Chart

Casing Size	Weight Range <sup>1</sup>	Nominal Casing ID Range (inches)	DWCRT Internal Gripping Assembly PN	DWCRT External Gripping Assembly PN	smartCRT Gripping PN	Gage Ring	Gage Ring OD	Packer Cup	Packer Cup OD <sup>1</sup>	Packer Cup Rated Pressure	Thimble	Thimble OD
4-1/2"	9.5/11.6#	4.090 - 4.000	605730-0004	606280-0023	N/A	601096	4.150"	601107	4.150"	5,000 psi	601114	3.73"
	12.6/13.5#	3.952 - 3.920	605730-0004	606280-0023	N/A	601097	3.800"	601108	4.070"	5,000 psi	601114	3.73"
	15.10#	3.826	605730-0004	606280-0023	N/A	601988	3.701"	601921	3.950"	5,000 psi	605276	3.63"
5"	18#	4.276	605730-0007	606280-0024	N/A	601098	4.150"	601109	4.620"	5,000 psi	601115	3.99"
	18/21.4#	4.276 - 4.126	605730-0007	606280-0024	N/A	601099	3.955"	601110	4.340"	5,000 psi	601115	3.99"
	23.2#	4.044	605730-0007	606280-0024	N/A	602061	3.785"	602604	4.230"	5,000 psi	601115	3.99"
5-1/2"	15.5#	4.95	605730-0002 <sup>2</sup>	606280-0026	N/A	601100	4.820"	601111	5.300"	5,000 psi	601116	4.50"
	17/20#	4.892 - 4.778	605730-0002 <sup>2</sup>	606280-0026	N/A	601101	4.600"	601112	5.090"	5,000 psi	601116	4.50"
	20/23#	4.778 - 4.670	605730-0002 <sup>2</sup>	606280-0026	N/A	601102	4.420"	601113	4.980"	5,000 psi	601116	4.50"
	23#	4.67	605730-0002 <sup>2</sup>	606280-0026	N/A	603635	4.545"	603531	4.800"	5,000 psi	605277	4.38"
	23/26#	4.670 - 4.475	605730-0002 <sup>2</sup>	606280-0026	N/A	601102	4.420"	605779	4.800"	5,000 psi	605277	4.38"
	26#	4.475	605730-0002 <sup>2</sup>	606280-0026	N/A	601102	4.420"	602593	4.700"	5,000 psi	605277	4.38"
6"	26.8#	4.5	605730-0002 <sup>2</sup>	606280-0026	N/A	601098	4.150"	601109	4.620"	5,000 psi	601115	3.99"
	20#	5.352	605730-0010	606280-0018	N/A	603935	5.200"	605047	5.590"	5,000 psi	605048	5.20"
6-5/8"	23-25.5#	5.115 -	605730-0010	606280-0018	N/A	1006135	5.061"	1006133	5.350"	5,000 psi	1006134	4.840"
	20/23.2#	6.049 - 5.965	605730-0011	606280-0019	N/A	605672	5.845"	605674	6.120"	5,000 psi	605556	5.50"
	24/28#	5.921 - 5.791	605730-0011	606280-0019	N/A	605673	5.666"	603960	6.020"	5,000 psi	605556	5.50"
7"	32-35#	5.675 - 5.575	605730-0011	606280-0019	N/A	603940	5.450"	603941	5.850"	5,000 psi	605556	5.50"
	36.7#	5.501	605730-0011	606280-0019	N/A	603935	5.200"	603941	5.850"	5,000 psi	605048	5.20"
	17/23#	6.538 - 6.366	605730-0006	606280-0021	1006375-0001	605074	6.241"	605001	6.740"	5,000 psi	605000	5.91"
	23/26#	6.366 - 6.276	605730-0006	606280-0021	1006375-0001	605075	6.151"	605002	6.460"	5,000 psi	605000	5.91"
	26-29#	6.276 - 6.184	605730-0006	606280-0021	1006375-0001	1005925	6.029"	1005924	6.38"	5,000 psi	605000	5.91"
	29/32#	6.184 - 6.094	605730-0006	606280-0021	1006375-0001	605076	5.969"	605003	6.469"	5,000 psi	605000	5.91"
7-5/8"	32/35#	6.094 - 6.004	605730-0006	606280-0021	1006375-0001	605077	5.875"	605012	6.200"	5,000 psi	605556	5.50"
	38#	5.920	605730-0011	606280-0021	N/A	605673	5.666"	605674	6.120"	5,000 psi	605556	5.50"
	24/26.4#	7.025 - 6.969	605730-0039	606280-0022		605078	6.750"	605438	7.150"	5,000 psi	605009	6.24"
	24/29.7#	7.025 - 6.875	605730-0039	606280-0022		605078	6.750"	605010	7.150"	5,000 psi	605009	6.24"
8-5/8"	29.7-33.7#	6.875 - 6.765	605730-0039	606280-0022		605676	6.640"	605437	7.050"	5,000 psi	605009	6.24"
	33.7/42.8#	6.765 - 6.501	605730-0039	606280-0022		605079	6.376"	605011	6.876"	5,000 psi	605009	6.24"
	24 #	8.097	605730-0045	N/A	1006375-0006	605973	7.972"	602721	8.250 "	5,000 psi	605975	7.50"
8-5/8"	28/36#	8.017 - 7.825	605730-0045	N/A	1006375-0006	605092	7.700"	600288	8.150"	4,250 psi	600304	7.50"
	40-44#	7.725 - 7.625	605730-0045	N/A	1006375-0006	605974	7.500"	605977	-	4,250 psi	605976	7.38"

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9-5/8"	36#	8.921	605730-0047	N/A	1006375-0002	605780	8.765"	601925	9.210"	4,250psi	602205	8.77"
	36/47#	8.921 - 8.681	605730-0047	N/A	1006375-0002	605093	8.379"	601207	9.061"	4,250psi	600305	8.26"
	47/53.5#	8.681 - 8.535	605730-0047	N/A	1006375-0002	605093	8.379"	600290	8.850"	4,250psi	600305	8.26"
	53.5/59.4#	8.535 - 8.407	605730-0047	N/A	1006375-0002	605094	8.250"	605781	8.700"	4,250psi	600305	8.26"
9-7/8"	62.8#	8.625	605730-0047	N/A	1006375-0002	605093	8.379"	601207	9.061"	4,250psi	600305	8.26"
10-3/4"	40.5/60.7#	10.050 - 9.660	605730-0048	N/A	1006375-0008	605095	9.504"	601217	10.200"	3,750 psi	600306	9.51"
10-3/4"	40.5-55.5	10.050 - 9.760	605730-0048	N/A	1006375-0008	605095	9.504"	603363	10.010"	3,750 psi	600306	9.51"
10-3/4"	65.7-73.2#	9.560 -9.406	605730-0054	N/A	1006375-0007	606503	9.250"	600771	9.800"	3,750 psi	606504	9.17"
10-3/4"	85.3-91.2#	9.156-9.032	605730-0054	N/A	1006375-0007	605780	8.765"	601925	9.210"	4,250psi	602205	8.77"
10-3/4"	96.8-108.7#	8.906 - 8.656	605730-0047	N/A	1006375-0002	605093	8.379"	600290	8.850"	4,250psi	600305	8.26"
11-3/4"	47/71#	11.000 - 10.586	605730-0043	N/A	1006375-0009	605096	10.430"	601208	11.000"	2,000 psi	600307	9.96"
	71-87.2#	10.586 - 10.282		N/A	1006375-0010			604092	10.610"	2,000 psi	600307	9.96"
11-7/8"	71.8#	10.711	605730-0043	N/A	1006375-0009	605096	10.430"	601208	11.000"	2,000 psi	600307	9.96"
12-3/4"	44-58#			N/A								
12-3/4"	65-77#			N/A								
13-3/8"	54.5/72#	12.615 - 12.347	6057030-0029	N/A	1006375-0003	605097	12.003"	601212	12.800"	2,000 psi	600308	12.00"
13-3/8"	72-85#	12.347 - 12.159	6057030-0029	N/A	1006375-0003	605097	12.003"	602946	12.450"	2,000 psi	600308	12.00"
13-3/8"	68# Premium	12.415	6057030-0029	N/A	1006375-0003	1007422	12.259"	1007421	12.600"	2,000 psi	600308	12.00"
13-3/8"	72# Premium	12.347	6057030-0029	N/A	1006375-0003	1007420	12.191"	1007419	12.480"	2,000 psi	600308	12.00"
13-3/8"	86/92#	12.125-12.031	6057030-0051	N/A	1006375-0003	1006560	11.750"	1006559	12.350"	2,000 psi	1007324	11.75"
13-5/8"	88.2#	12.375	6057030-0029	N/A	1006375-0003	605097	12.003"	602946	12.450"	2,000 psi	600308	12.00"
16"	65/75#	15.250 - 15.124	605730-0049	N/A	1006375-0011	602439	14.936"	601209	15.438"	2,000 psi	N/A	-
	75#	15.124	605730-0049	N/A	1006375-0011			601895				
	84#	15.01	605730-0049	N/A	1006375-0011	604611	14.800"	600297	15.25"	2,000 psi	N/A	-
	95-99#	14.868 - 14.810	605730-0049	N/A	1006375-0011	600257	14.500"	603671	15.10"	2,000 psi	N/A	-
	109#	14.688	605730-0049	N/A	1006375-0011	600257	14.500"	602283	14.88"	2,000 psi	N/A	-
18-5/8"	87.5-94.5#	17.755 - 17.689	605730-0031	N/A	1006375-0013	600634	17.400"	601210	18.000"	1,750 psi	N/A	-
	106/117.5#	17.552 - 17.425	605730-0031	N/A	1006375-0013	603649	17.250"	600299	17.800"	1,750 psi	N/A	-
	123.4 -136 #	17.375 - 17.239		N/A	1006375-0013	603849	16.982"	603958	17.430"	1,750 psi	N/A	-

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20"	94/106.5#	19.124 - 19.000	605730-0032	N/A	1006375-0014	600259	18.800"	601211	19.370"	1,500 psi	N/A	-
	94-106.5#	19.124 - 19.000	605730-0032	N/A	1006375-0014	604000	18.740"	603781	19.250"	1,500 psi	N/A	-
	118.5#	18.874	605730-0032	N/A	1006375-0014	605597	18.600"	603782	19.100"	1,500 psi	N/A	-
20"	129-133#	18.710 -18.730	605730-0032	N/A	1006375-0014	602641	18.500"	600301	18.980"	1,500 psi	N/A	-
20"	163/187#	18.625 - 18.125			1006375-0015							
20"	203#	18		N/A		1006547	17.630"	1006546	18.250"	1,500 psi	N/A	-
Sizes Past 20" Are not based on any particular standard or manufacture for determining weight range. Please Verify Casing ID and Tool Component OD before use												
22	170-224#	20.438 - 19.938	<a href="#">605730-0053</a>		1006375-0016	605542	19.810"	605502	20.200"	1,000 psi	N/A	-
24	171-216#	22.685 - 22.185	<a href="#">605730-0052</a>		1006375-0004	605543	22.060"	605503	22.875"	800 psi	N/A	-
26	202-275#					605544	23.900"	605504	24.750"	800 psi	N/A	

1. These are recommended weight ranges. Casing Coupling types and Tolerances should be review prior to use. For packer cups we recommend .25" interference for standard casing connections and .125-.175" for premium connections.

2. Alternate sizes for 5-1/2" are available. Review the Layout Drawings