



# Product Bulletin



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## CRS

### Clean Room Preset Torque Limiting Screwdrivers



#### Key Features

- Designed and manufactured to meet or exceed the accuracy and repeatability requirements of ISO 6789: 2003 (+/- 6% of setting).
- Exceeds Class 100 clean room standards.
- Special seals prevent contamination.
- External components are high-grade stainless steel to inhibit any form of corrosion.
- Special microfiltered internal lubricant.
- Aluminum handle sealed with PTFE impregnated anodized finish.
- Tamper-proof internal adjustment. No external adjustment scale - must be preset using a torque analyzer.

#### Torque Ranges

Model	Item #	Torque Ranges			Drive	Weight	
		American	S.I.	Metric		oz.	gm
CRS100-0022FH	020320	5.7 - 32 ozf.in	4 - 22 cN.m	0.4 - 2.2 kgf.cm	1/4" F/Hex	3.2	91
CRS100-0135FH	020321	1.2 - 12 lbf.in	14 - 135 cN.m	1.4 - 13.7 kgf.cm	1/4" F/Hex	7.4	210
CRS100-0406FH	020322	4.4 - 36 lbf.in	50 - 406 cN.m	5.1 - 41 kgf.cm	1/4" F/Hex	9.9	280
CRS100-1360FH	020498	22 - 120 lbf.in	2.5 - 13.6 N.m	25.3 - 138 kgf.cm	1/4" F/Hex	11.5	325
IFR CRS100-00135FH	020483	1.2 - 12 lbf.in	14 - 135 cN.m	1.4 - 13.7 kgf.cm	1/4" F/Hex	7.4	210
IFR CRS100-0406FH	020484	4.4 - 36 lbf.in	50 - 406 cN.m	5.1 - 41 kgf.cm	1/4" F/Hex	9.9	280

#### Measured Particles Size (Microns)

Class	0.1	0.2	0.3	0.5	5.0
1	35	7.5	3	1	-
10	350	75	30	10	-
100	-	750	300	100	-
1,00	-	-	-	1,000	7
10,000	-	-	10,000	70	-
100,00	-	-	100,00	700	-

#### Clean Room Standards

According to the United States specification FED-STD-209D, Classes of cleanliness are defined by the number of particles per cubic foot. Particle sizes shown in the following table.