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**SPECS &
INFORMATION**



**“HAND ME
THE MOUNTZ!”**

Mountz FGC Precision Preset Cam-Over Wrench

SAFEGUARDING AGAINST FASTENING FAILURES

- Poka-yoke torque wrench prevents over-torque.
- Accuracy and precision delivered for all tightening applications
- Calibration life 2x ISO standards
- Unmatched quality you can count on
- Two-year unlimited warranty
- Lifetime warranty against manufacturer defects



QUALITY IS AT THE HEART OF EVERYTHING WE DO

Relied on by leaders in aviation, automotive,
medical and electronic-all industries in which
process control is critical.

Quality cam-over technology in the palm of your hand

PRECISION TORQUE WRENCH DELIVERS CONFIDENCE AT EVERY TURN

Engineered and assembled in Silicon Valley, the Mountz FGC line of precision preset cam-over wrenches are the most advanced torque wrenches for high-level process and quality control. The wrench's repeatability, traceability, and precision safeguards against fastening failures.

When under- or over-torquing puts your products at risk, Mountz cam-over wrenches deliver the accuracy you need. Mountz cam-over wrenches use an internal cam-over mechanism to reduce the risk of operator error by disengaging once torque is reached. Our cam-over technology increases consistency of torque delivered and joint reliability.

Precision and accuracy delivered every time

Mountz FGC tools stay in calibration 2X longer than the most stringent industry standard (ISO 6789). Engineered with a cam-over mechanism, the poka-yoke wrench prevents over torque. Implementing this error-proofing wrench removes the operator influence out of the torque equation and delivers an accurate and repeatable fastening result than a standard click type wrench. You can give Mountz FGC wrenches to any operator and have the confidence that he/she will deliver the correct torque, time after time.





Preset cam-over torque wrench improves productivity

Modern, effective preset torque wrenches improve productivity by guaranteeing that the correct torque value is consistently applied to each fastener. Preset cam-over wrenches are ideal for fastening applications where operators repeatedly assemble parts at the same torque setting. A preset wrench is similar to setting an alarm clock to signal the achievement of a selected time. The wrench is pre-set to the application’s required torque value. The tool signals once torque is achieved.

A preset wrench doesn’t have an external torque adjustment scale. These tools have an internal torque adjustment mechanism for setting the torque value and preset using a hex key and a torque analyzer. The locking mechanism prevents accidental torque setting changes. Once the tool is set the wrench’s end cap is sealed with a calibration sticker and ready to be used. However, if the preset torque value needs to be changed for new fastening application the flexible tool can easily be adjusted to a new preset torque value.

The stamp for quality tools

Mountz FGC wrenches comply with ISO6789 and are constructed from high quality materials, engineered for superior reliability and safety and backed by an industry leading warranty. Look for the Mountz hexagon logo – it’s a stamp for quality tools, service and knowledge in the field of torque control.

It’s why we have an industry-leading warranty.

- Mountz FGC tools are the only cam-over wrenches on the market to offer a two-year unlimited warranty. If it breaks in any way, we’ll fix it or replace it for free.
- Lifetime guarantee against manufacturing defects.
- Warranty includes a free calibration within the first year.

PRODUCT OVERVIEW

FEATURE	WHAT IS IT?	ADVANTAGE	END USER BENEFIT
Cycles Before Calibration	• ISO 6789-1:2017 calls for maximum of 5,000 torque applications	• Exceeds standards • Mountz 2x ISO standards: 10,000 cycles before re-calibration	• Longer time on the production line • Reduces calibration budget and down time
Cam-Over Technology	• Eliminate over-torque • Limits the amount of force applied	• Ensures correct torque is applied • Eliminates fastener breakage issues	• Precision and accuracy • Error-proofing assembly process fastening failures
Locking Mechanism	• Internal mechanism prevents accidental torque setting changes	• Avoids torque setting drift • Prevents incidental adjustments • Accurate and repeatable torque setting	• Ensures fastening precision and accuracy • Reliable process control • Longer period before re-calibration
Preset Tool	• Internal torque adjustment mechanism • Non-graduated setting torque tool	• Tool is set to a designated torque value • Correct torque value is consistently applied	• Enhance process reliability • Improve production quality • Increase productivity • Reduce scrap rates
Non-length Dependent	• Independent torque output vs. hand position	• Operator’s hand position on the tool does not affect on torque output	• Allows for precision tightening • Higher repeatability • Less training for correct operation
Metal End Cap	• Anodized aluminum end cap for all models	• Durable and doesn’t strip out like plastic	• Fewer parts need replacement • Easier to service
Ergonomics	• Ergonomic handle	• Cushion, non-slip grip	• Improve operator’s efficiency • Reduce discomfort, fatigue, and risk of injury
Durability	• Coated corrosion-resistant stainless steel head • Anodized aluminum handle • Non-strip ratchet head	• Long tool service life	• Reduces need to replace tools/ parts • Lower required tool inventory
Safety & Quality Standards	• ISO 6789-1:2017 & ASME B107.300-2010 standards	• Meets & exceeds the requirements for design and calibration for both standards for hand torque tools & instruments	• Compliance with materials, markings, accuracy, drives, capacity, load, testing and safety standards



MOUNTZ FGC PRESET PRECISION CAM-OVER WRENCHES

MODEL	ITEM NO.	TORQUE RANGES		DRIVE SIZE	LENGTH	WEIGHT
		AMERICAN	S.I.			
FGC-5	076565	8.9–44.2 lbf.in	1–5 N.m	1/4" Sq. Dr.	7.8"	0.6 lbs.
FGC-10D	076566	17.7–88.5 lbf.in	2–10 N.m	1/4" Sq. Dr.	7.8"	0.7 lbs.
FGC-10A	076567	17.7–88.5 lbf.in	2–10 N.m	3/8" Sq. Dr.	7.8"	0.7 lbs.
FGC-30D	076568	4.4–22.1 lbf.ft	6–30 N.m	1/4" Sq. Dr.	12.8"	1.7 lbs.
FGC-30A	076569	4.4–22.1 lbf.ft	6–30 N.m	3/8" Sq. Dr.	12.8"	1.7 lbs.
FGC-75A	076570	11.1–55.3 lbf.ft	15–75 N.m	3/8" Sq. Dr.	17.5"	3.1 lbs.
FGC-75B	076572	11.1–55.3 lbf.ft	15–75 N.m	1/2" Sq. Dr.	17.5"	3.1 lbs.

FGC-5 and FGC-10 models

Designed and manufactured to meet or exceed the accuracy and repeatability requirements of ISO 6789: 2017 (+/- 6% of setting).

FGC-30 and FGC-75 models

Designed and manufactured to meet or exceed the accuracy and repeatability requirements of ISO 6789: 2017 (+/- 4% of setting).



At Mountz, we take great pride in knowing that our advanced torque tools will end up in the right hands.





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