

“HAND ME  
THE MOUNTZ!”



### Mountz FGA Precision Adjustable Torque Screwdriver

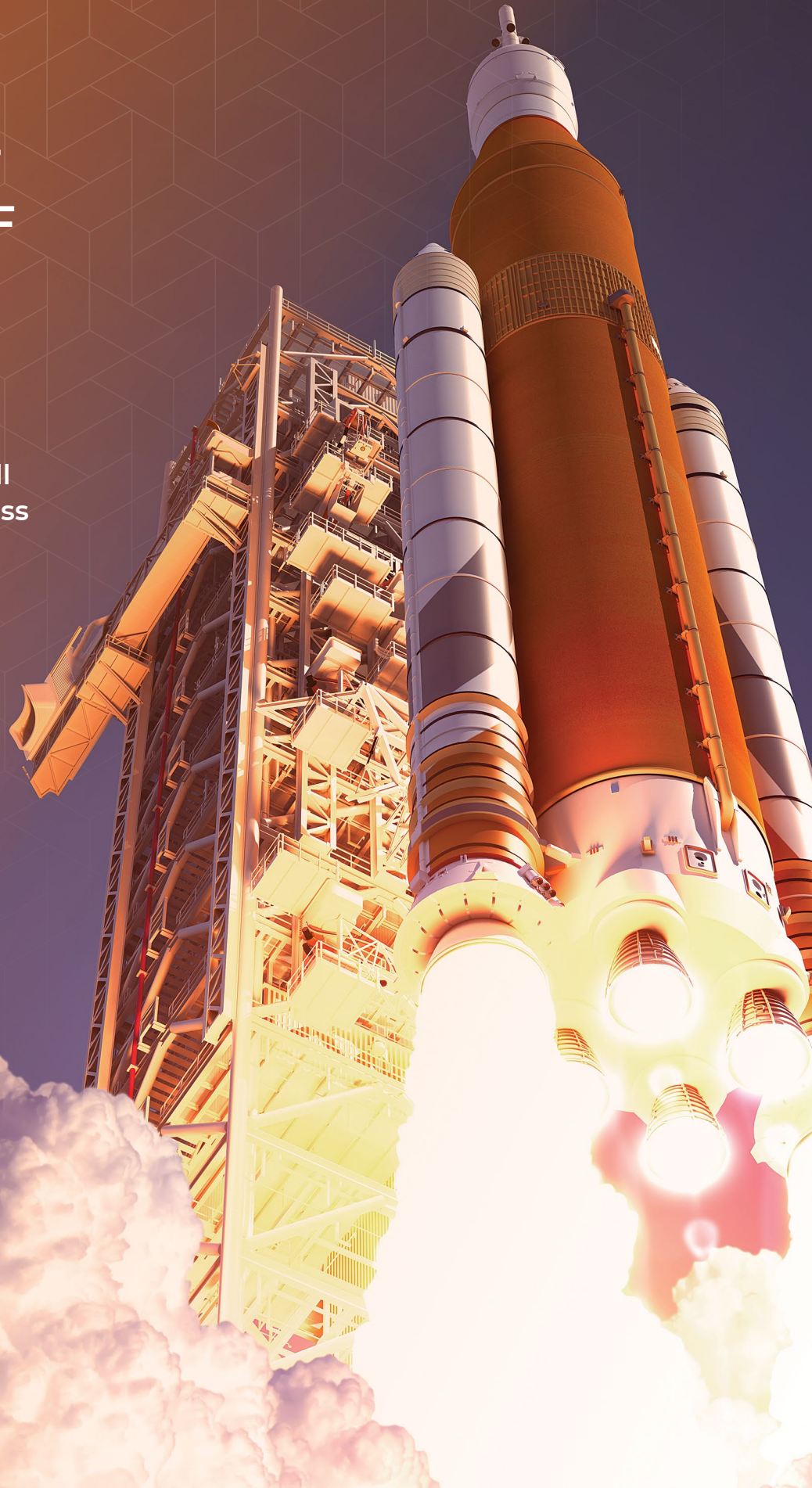
## SAFEGUARDING AGAINST FASTENING FAILURES

- Poka-yoke torque screwdriver prevents over-torque
- Accuracy and precision delivered for all fastening applications
- Calibration life 4x ISO standards
- Unmatched quality you can count on
- Two-year unlimited warranty
- Lifetime warranty against manufacturer defects
- Digital torque scale provides an accurate and simplistic process to adjust the torque setting



# 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

### THE STATE-OF-THE-ART PRECISION TORQUE DRIVER

Engineered and assembled in Silicon Valley, the Mountz FGA line of precision adjustable torque screwdrivers are the most advanced hand tools for high-level process and quality control. The screwdriver's repeatability, traceability, and precision safeguards against fastening failures.

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

The screwdriver's design features a digital torque scale that allows you to adjust the torque setting quickly. A flexible and simplistic adjustment process. Eliminates the hassle of you fumbling around to align and set a torque setting with a tool that is a micrometer based scale system.

## Precision and accuracy delivered every time

Mountz FGA tools stay in calibration 4X longer than the most stringent industry standard (ISO 6789). Engineered with a cam-over mechanism, the poka-yoke adjustable screwdriver prevents over-torque. You can give Mountz FGA tools to any operator and have the confidence that he/she will deliver the correct torque, time after time.





## Improve productivity and reduce costs with adjustable torque screwdriver

An adjustable torque screwdriver can save manufacturers and maintenance workers time and money by allowing them to accurately tighten critical fasteners of different sizes—all with a single tool. Thanks to the externally adjustable torque setting on these tools, you can quickly switch torque values in the field or at the station, leading to improved productivity. A quality adjustable screwdriver has an easy adjustment process along with a locking mechanism that prevents incidental torque adjustment.

## Digital scale vs micrometer scale system

A micro-meter scale tool requires you to fumble around and align the setting visually on small print scale markings. The adjusting process is tedious. The nuisances of recalibrating these tools are a cumbersome and time-consuming process as it requires testing various springs to bring the tool back into calibration.

A digital scale enhances your experience as the torque setting adjustment process is quick and simplistic. Easily convert between American, metric, and standard torque units. The screwdriver's recalibration process is more straightforward with digitally reprogramming the tool.



# PRODUCT OVERVIEW

FEATURE	WHAT IS IT?	ADVANTAGE	END USER BENEFIT
Cycles Before Calibration	<ul style="list-style-type: none"> <li>ISO 6789-1:2017 calls for maximum of 5,000 torque applications</li> </ul>	<ul style="list-style-type: none"> <li>Exceeds standards</li> <li>Mountz 4x ISO standards: 20,000 cycles before re-calibration</li> </ul>	<ul style="list-style-type: none"> <li>Longer time on the production line</li> <li>Reduces calibration budget and down time</li> </ul>
Cam-Over Technology	<ul style="list-style-type: none"> <li>Eliminate over-torque</li> <li>Limits the amount of force applied</li> </ul>	<ul style="list-style-type: none"> <li>Ensures correct torque is applied</li> <li>Eliminates fastener breakage issues</li> </ul>	<ul style="list-style-type: none"> <li>Improves productivity</li> <li>Error-proofing assembly process</li> <li>Safeguards against fastening failures</li> </ul>
Locking Mechanism	<ul style="list-style-type: none"> <li>Mechanism prevents accidental torque setting changes</li> </ul>	<ul style="list-style-type: none"> <li>Avoids torque setting drift</li> <li>Prevents incidental adjustments</li> <li>Accurate and repeatable torque setting</li> </ul>	<ul style="list-style-type: none"> <li>Ensures fastening precision and accuracy</li> <li>Reliable process control</li> <li>Longer period before re-calibration</li> </ul>
Adjustable Tool	<ul style="list-style-type: none"> <li>External torque adjustment mechanism</li> </ul>	<ul style="list-style-type: none"> <li>Quick torque setting adjustment</li> <li>Converts between metric and standard units</li> </ul>	<ul style="list-style-type: none"> <li>More efficient processes</li> <li>Enhance process reliability</li> <li>Improve field service quality</li> <li>Accurately tighten critical fasteners of different sizes—all with a single tool</li> </ul>
Digital Display Scale	<ul style="list-style-type: none"> <li>3 digit display</li> </ul>	<ul style="list-style-type: none"> <li>Intuitive digital controls</li> <li>Accurate and simplistic adjusting process</li> </ul>	<ul style="list-style-type: none"> <li>Easy to view torque setting</li> <li>Effortlessly fine-tune torque settings and units</li> </ul>
Bit Retention (Universal Bit Holder)	<ul style="list-style-type: none"> <li>¼ inch female hex bit holder that grips any type of bit</li> <li>Patented one touch bit release</li> </ul>	<ul style="list-style-type: none"> <li>Safe and secure</li> <li>No band / spring and captive ball to fall out</li> </ul>	<ul style="list-style-type: none"> <li>Better quality and productivity on line</li> <li>Bits don't fall out or into tightening operation</li> </ul>
Handle Flutes	<ul style="list-style-type: none"> <li>Sleek 4-flute handle design</li> </ul>	<ul style="list-style-type: none"> <li>Ergonomic</li> </ul>	<ul style="list-style-type: none"> <li>Sleek and comfortable</li> <li>Easy to clean</li> </ul>
Safety & Quality Standards	<ul style="list-style-type: none"> <li>ISO 6789-1:2017 &amp; ASME B107.300-2010 standards</li> </ul>	<ul style="list-style-type: none"> <li>Meets &amp; exceeds the requirements for design and calibration for both standards for hand torque tools &amp; instruments</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with materials, markings, accuracy, drives, capacity, load, testing and safety standards</li> </ul>



# MOUNTZ FGA ADJUSTABLE TORQUE SCREWDRIVERS

TORQUE RANGES									
MODEL	ITEM NO.	AMERICAN		S.I.		METRIC	DRIVE SIZE	LENGTH	WEIGHT
		ozf.in	lbf.in	cN.m	N.m	kgf.cm			
FGA-8	076516	25.6–128	1.6–8	18–90	0.18–0.9	1.8–9.2	1/4" F/Hex	7"	13 oz.
FGA-20	076517	32–320	2–20	22–226	0.22–2.3	2.3–23	1/4" F/Hex	7"	13.1 oz.
FGA-40	076518	64–640	4–40	45.2–452	0.45–4.5	4.6–46	1/4" F/Hex	7"	13.3 oz.
FGA-80	076605	–	8–80	90.4–904	0.9–9	9.2–92	1/4" F/Hex	7"	13.3 oz.

## Units of torque measurement

Select the torque measurement setting for your application.

### FGA-8, FGA-20, AND FGA-40

Five options available:

- ozf.in
- lbf.in
- cN.m
- N.m
- kgf.cm

### FGA-80 MODEL

Four options available:

- lbf.in
- cN.m
- N.m
- kgf.cm

The preferred and certified ranges of these tools is in accordance with the requirements of ISO 6789 (+/- 6% of indicated setting).

Note: Battery life is calculated based on an estimate of 20 power cycles per working day. More or less frequent use may result in a difference in performance.

## The stamp for quality tools

Mountz FGA screwdrivers 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 FGA tools are the only adjustable cam-over screwdrivers 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



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

ENGINEERED IN SILICON VALLEY  
MOUNTZ  
SINCE 1965

#### ABOUT MOUNTZ

Mountz, The Torque Tool Specialists®, has been a leader in the torque tool industry for more than 50 years. Engineered in the Silicon Valley and serving the globe, Mountz focuses on delivering high-quality torque products, services, and solutions to ensure customers can always proceed with confidence. We are committed to forging a safer world through precision and accuracy, and by innovating every day.



[mountztorque.com](http://mountztorque.com)

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