

Apex[®]

Apex[®] & Phillips Screw Company teamed up to provide the Mortorq[®] Spiral Drive System.

For decades aerospace designers have had to compromise on fastener performance...shallow head styles had poor torque transfer and damaged easily while robust drives required thicker material and added weight. Now the Mortorq high performance drive system provides a true solution.



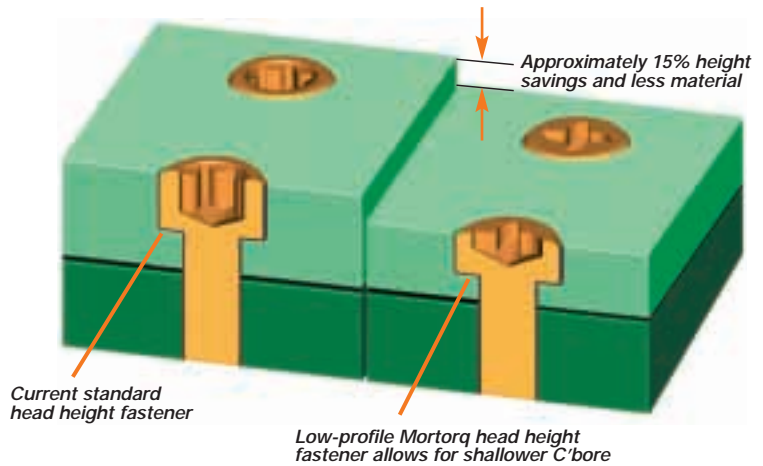

COOPER Tools

Mortorq® Bits

The unique shape of the Mortorq® high performance drive system provides full contact of the driver over the entire recess wing resulting in extremely high torque capability without the risk of damage.

The open recess concept allows driver misalignment and compensates for paint buildup without degrading torque capability.

Because the fastener has significantly less mass than the nearest competitor, material costs are reduced. Designers who take advantage of this low-profile head can greatly downsize the mating components and improve packaging flexibility as well.



- High torque performance in a shallow recess
- Minimization of drivers needed
- Extended driver tool life
- Compensates for paint buildup and heavy coatings without degrading torque capability
- Eight degree off angle ability

Hex Insert & Power Bits



Part Number	Driver Size/ Type	MorTorq Size	Overall Length	
			In.	mm
440-MT-00	1/4" Hex Insert	00	1	25
440-MT-0	1/4" Hex Insert	0	1	25
440-MT-1	1/4" Hex Insert	1	1	25
440-MT-2	1/4" Hex Insert	2	1	25
480-MT-3	5/16" Hex Insert	3	1 1/4	31
AM-MT-0	1/4" Hex Power	0	1 5/16	31
AM-MT-1	1/4" Hex Power	1	1 5/16	31
AM-MT-2	1/4" Hex Power	2	1 5/16	31
AM-MT-3	7/16" Hex Power	3	3 1/2	89
AM-MT-4	7/16" Hex Power	4	3 1/2	89

Other drive sizes/types and point sizes can be quoted. Contact your Apex Distributor or Representative for more information. Mortorq® is a registered trademark of Phillips Screw Company.



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 APEX® • BUCKEY®
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 DGD® • DOLER® • DOTCO® • EREM®
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 GETA™ • KAHNETICS® • LUFKIN®
 MASTER POWER® • METRONIX™
 NICHOLSON® • PLUMB® • H.K. PORTER®
 QUACKENBUSH™ • RECOULES™ • ROTOR™
 UTICA® • WELLER® • WIRE-WRAP®
 WISS® • XCELITE®

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