

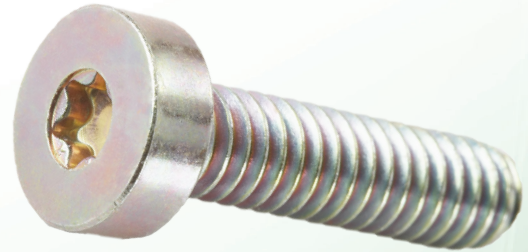


TORX®

HIGH TORQUE TRANSFER DRIVE SYSTEM

GENUINE TORX® - THE RIGHT FASTENER FOR EVERYTHING

The TORX® Drive System was specifically designed to provide a simple, cost-effective solution to the problems inherent in the process of installing and removing fasteners. Used in a multitude of industries, the TORX® Drive System can enhance product reliability, increase productivity and reduce total assembly costs - all of which are keys to remaining competitive in today's marketplace.



FEATURES

- ▶ 15° drive angle
- ▶ Straight, vertical sidewalls
- ▶ Broad contact surface
- ▶ Standard drive tools for screw sizes inch (#000 - 1.375") and metric (0.9mm - 36mm)
- ▶ Wide variety of sizes ranging from T1-T100, E4-E44

BENEFITS

- ▶ Greater depth of tool and lobe engagement while minimizing tool slippage
- ▶ No camout forces are created to push the driver up
- ▶ Since camout is virtually eliminated, little to no end load is required
- ▶ High torque transfer and drastically reduced radial forces resulting in longer tool life
- ▶ Driving forces spread over a broad surface
- ▶ Ability to convert to metric later without a tooling change
- ▶ Quality enhanced through single sourced gaging program

VARIATIONS

- ▶ Internal TORX® Drive
- ▶ External TORX® Drive
- ▶ Tamper-Resistant TORX® Drive
- ▶ TORXSTEM® Double-Ended Studs
- ▶ Dual Drive Systems
- ▶ AUDITORX® Drive System
- ▶ Cleardrive® Feature

IDEAL APPLICATIONS

- ▶ Automotive
- ▶ Heavy Truck
- ▶ Industrial & Earth Moving
- ▶ Agriculture
- ▶ Aerospace
- ▶ Building & Construction





CONVERTING TO TORX® OFFERS SAVINGS

Converting to the TORX® Drive System has produced quantifiable benefits for many companies. Some of these benefits include increased productivity, lower tooling costs, and improved working conditions.

TORX®
TORXALIGN® DRIVE TOOL



INCH AND METRIC IN ONE DRIVE TOOL

The inch and metric in one drive tool is used on both inch and metric fasteners. You can change to the TORX® drive now, and with no additional changes, convert to metric.

TORXALIGN® DRIVE TOOL

The special TORXALIGN® bit is designed with a slight taper to provide wedging effect when the bit is inserted into the fastener recess. This is particularly useful in holding nonmagnetic fasteners on the driver during manual installation.

WORLDWIDE ACCEPTANCE & AVAILABILITY

The worldwide acceptance of the TORX® Drive System has made the procurement of drive tools easy.

AUTHENTIC TORX® DRIVE SYSTEM MANUFACTURERS

TORX® Drive System has a global network of licensed manufacturers who use standard and proprietary tooling and proprietary gages from a single source to provide quality assured, authentic TORX® Drive products around the world.

INTERNAL & EXTERNAL TORX® DRIVE SELECTION GUIDES

Recess Size	Pan		Flat		Socket Head		Socket Button		Truss		Fillister	
	inch	metric	inch	metric	inch	metric	inch	metric	inch	metric	inch	metric
T1		M0.9		M0.9 & M1.0		M0.9						
T2		M1.0		M1.2		M1.2						
T3		M1.2		M1.4		M1.2						
T4												
T5	#0	M1.4 & M1.6	#1	M1.6 & M1.8		M1.4 & M1.6	#1					
T6	#1	M1.8 & M2	#2	M2		M1.8						
T7							#1					
T8	#2 & #3	M2.5	#3 & #4	M2.5	#2 & #3	M2.0 & M2.5	#4		#2		#1	
T9								M3	#3		#2	
T10	#4 & #5	M3	#5 & #6	M3	#4 & #5	M3	#5 & #6	M3.5	#4		#3	
T15	#6	M3.5	#8	M3.5	#6	M3.5	#8	M4	#9	M4	#6	
T20	#8	M4	#10	M4					#10	M5	#8	
T25	#10	M5	#12	M5	#8	M4	#10	M5	#12	M5	#10	
T27	#12		1/4"		#10	M4.5 & M5	1/4"	M6	1/4"		#12	
T30	1/4"	M6	5/16"	M6	1/4"	M6			M6		1/4"	
T40	5/16"	M8	3/8"	M8		M7	5/16"	M8	5/16"	M8	5/16"	
T45	3/8"		7/16"		5/16"	M8	3/8"	M10	3/8" & 7/16"		3/8"	
T50	7/16"	M10	1/2"	M10	3/8"	M10			1/2"	M10	7/16"	
T55	1/2"		9/16" & 5/16"		7/16" & 1/2"	M12	1/2"	M12 & M14	9/16" & 5/8"	M12	1/2" & 9/16"	
T60			3/4"		9/16"	M14	5/8"	M16	3/4"		5/8"	
T70					5/8"	M16					3/4"	
T80						M18						
T90					3/4"	M20						
T100					7/8" & 1"	M22 & M24						

Socket Size	inch	metric
E4	#6	M3
E5	#8	M4
E6	#10	M5
E8	1/4"	M6 & M7
E10	5/16"	M8
E12	3/8"	M10 & M11
E14	7/16"	M12
E16	1/2"	
E18	9/16"	M14
E20	5/8"	M16
E24	3/4"	M18 & M20
E28	7/8"	M22
E32	1"	M24 & M27
E36	1-1/8"	M30
E40	1-1/4"	M33
E44	1-3/8"	M36