



# HEXSTIX® STABLE DRIVE SYSTEM

## DRIVER SIZES

H15 THRU H50

## SCREW SIZES

M3.5 (#6) THRU M10 (7/16 IN)

## APPLICATIONS

TRANSMISSIONS

TRANS-AXLES

DIFFERENTIALS

INSTRUMENT PANELS

SUSPENSION COMPONENTS

INTERIOR COMPONENTS

DOOR PANELS & ATTACHMENTS

DOOR FRAMES & HINGES

SEATS & RESTRAINT SYSTEMS

ACCESSORIES & ATTACHMENTS

BODY COMPONENTS & ATTACHMENTS

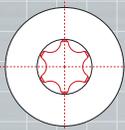
ENGINE & DRIVE TRAIN COMPONENTS

MACHINE SCREWS

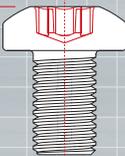
THREAD-CUTTING SCREWS

THREAD-FORMING SCREWS

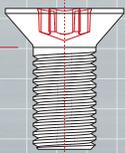
Phillips supports multiple head-style options in various screw sizes and thread types



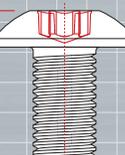
PAN HEAD



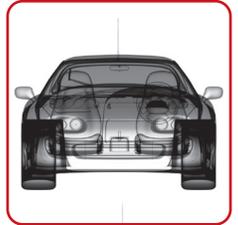
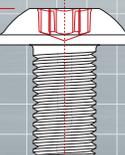
FLAT HEAD



TRUSS HEAD



FLAT-TOP, ROUNDWASHER HEAD



## Engineered to deliver exceptional stability and alignment in one-handed applications

The **HEXSTIX®** Stable Drive System increases speed and efficiency in one-handed applications of assembled components. The screw recess design has an outstanding ability to hold firmly to the driver bit at the point of assembly – with no magnetic bits or vacuum screw holders required. For maintenance and field use, standard driver bits can be used to remove or replace **HEXSTIX®** screws.

### FEATURES

- ✦ Recess to driver fit engineered to ensure screw sticks securely to driver bit
- ✦ Superior stability and axial alignment
- ✦ **HEXSTIX®** replaces traditional TORX® or generic 6-lobe screws
- ✦ Highly compatible lobular design
- ✦ Phillips Screw Company quality inspections

### BENEFITS

- ✦ Reliable one-handed application of screws at point of assembly
- ✦ Magnetic bits or vacuum screw holders not necessary
- ✦ Virtually eliminates dropped screws in assembly area and on factory floor
- ✦ Enables operator to start the screw more easily and reduces risk of cross threading
- ✦ Meets or exceeds industry strength standards for hexlobular drive systems
- ✦ Servicable with traditional TORX® bits
- ✦ Assures global system quality and compatibility

For additional information on genuine Phillips Drive Systems and our licensed manufacturers, contact one of our technical representatives at (781)-224-9750





# HEXSTIX® STABLE DRIVE SYSTEM

## MINIMUM ULTIMATE TORQUE

Bit strength is an important parameter in the design of internally driven fasteners. It's the starting point for determining appropriate fastener diameter, head style and size, and indicates the type of material to be used.

**HEXSTIX®** Drive System strength performs similarly to six-lobe drive systems currently available. The table below lists the minimum torsional requirement that bits must withstand under standardized testing for each size designated.

HEXSTIX® Drive System	Approximate Fastener Diameter Range Inch (mm)	Minimum Ultimate Driver Bit Torque* (in-Lbf)	Minimum Ultimate Driver Bit Torque* (mm)
H15	#6 (M3.5)	70	7.9
H20	#8 (M4)	115	13.0
H25	#10 (M5)	170	19.2
H27	#12 (M5)	240	27.1
H30	1/4 (M6)	335	37.8
H40	5/16 (M8)	575	65.0
H45	3/8 (M8)	910	103
H50	7/16 (M10)	1,400	158

\*For optimum bit life, Phillips recommends **NOT** exceeding 50% of Minimum Ultimate Driver Bit Torque. Contact Phillips for appropriate drive size selection.

Values shown in the tables are to be used as a guide only. They are subject to change without notice. Please refer to the appropriate Phillips drive systems standards for current information.



## HEXSTIX® Drive System: The 360° fastening solution

Screws are securely engaged on bits prior to application. No matter what orientation — or whether the drive tool is operating — the screws will not drop off. Additionally, unwanted contact with adjacent components during assembly or while operating in blind spots will not affect the effectiveness of the stick-fit. Once the screw is tightened in the application, the bit is easily removed.



Even when held at any angle, the **HEXSTIX®** driver bit holds firmly in the recess to enable one-handed use.

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