

SMART-BIT® PRE-DRILLING AND COUNTERSINKING TOOL

STARBORN®

IDEA DRIVEN PRODUCTS

Deck Screws, Drilling Tools,
Construction Fasteners.

800-596-7747

starbornindustries.com



**A PERFECT
HOLE AND FIT...
EVERY TIME**

Patented.

SMART-BIT® PRE-DRILLING AND COUNTERSINKING TOOL | For Decks and Woodworking

Stainless steel deck screws are the fasteners of choice for use in hardwoods, high-end decks and marine areas. In materials where pre-drilling is required, the **Smart-Bit** pre-drills *and* countersinks in one step with one tool. The Smart-Bit features a free spinning stop collar, to protect the work surface, and Powerbolic® fluted drill bits that cut through decking more than twice as fast as standard wood bits. The drill bits are replaceable.

THE SMART-BIT / HEADCOTE SYSTEM: The countersink profile of Smart-Bit tools are precisely matched to both **Headcote 305/316** and **Deckfast Stainless** screws.



SMART-BIT FEATURES

FREE-SPINNING STOP COLLAR WITH O-RING

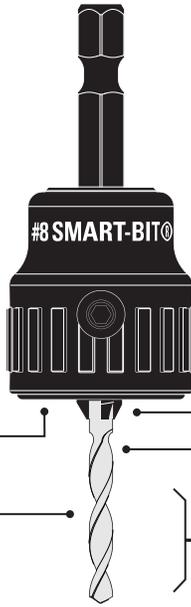
The Smart-Bit stop collar spins free of the drill bit, preventing marring or burnishing of the deck surface. When the stop collar stops spinning, the hole is complete.

ANTI-CLOG DEBRIS CAVITY

The Smart-Bit debris cavity gathers waste material, keeping it clear of the countersink, unlike conventional flush mounted countersinks. The waste simply falls out onto the deck surface after each hole is completed.

POWERBOLIC® HIGH-SPEED DRILL BIT

The Powerbolic bit has specially designed fluting that cuts through decking more than twice as fast as standard wood bits, even dense composites and hardwoods.



PRE-SET COUNTERSINK

Smart-Bit matches the head diameter, head angle and countersink depth of corresponding Headcote and Deckfast Stainless screw sizes for the perfect hole and fit. Everything is pre-set in the tool assembly.

REPLACEABLE BITS:

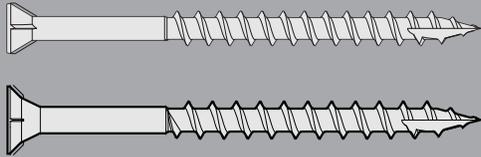
Smart-Bit tools come with two extra Replacement Bits and a 3/32" hex wrench for use with the set screw that holds the drill bits in place. Additionally, Replacement Bits are sold separately in packs of five bits each.

PRE-SET SHAFT LENGTH

Together with the countersink, the overall hole depth for the #7 Trim, #8 Trim and #10 Flat sizes is 1-1/8" deep, designed for use with lumber up to 5/4" (nominal).

SMART-BIT® / HEADCOTE® SYSTEM

SMART-BIT® tools are designed to perfectly match the profiles of HEADCOTE 305/316 and DECKFAST STAINLESS deck screws.



PACKS



Smart-Bit Tool



Smart-Bit Replacement Bits

DIMENSIONS

TOOL SIZE Gauge (mm)	HEAD STYLE	DRILL BIT mm (inch)	COUNTERSINK DIA. mm (inch)	COUNTERSINK ANGLE	HOLE DEPTH* mm (inch)
#7 (4.2 mm)	Trim	3.0 (7/64")	6.2 (1/4")	60°	30 (1-1/8")
#8 (4.5mm)	Trim	3.2 (1/8")	6.6 (17/64")	60°	30 (1-1/8")
#10 (5.0mm)	Flat	3.6 (9/64")	9.2 (23/64")	90°	30 (1-1/8")
#12 (5.5mm)	Flat	4.0 (5/32")	11 (7/16")	82°	40 (1-9/16")
#14 (6.0mm)	Flat	4.8 (3/16")	12.2 (31/64")	82°	40 / 75 (1-9/16" / 3")
#14 PLUS (6.2mm)*	Flat	5.25 (13/64")	12.9 (1/2")	82°	40 / 75 (1-9/16" / 3")

*#14 PLUS Smart-Bit sold as #14 Smart-Bit in AU & NZ.

*Overall hole depth including countersink portion. When installing decking it is general practice to not pre-drill the underlying (joist) material, as this is usually treated lumber and does not require pre-drilling. The 1-1/8" overall hole depth of the #7 Trim, #8 Trim and #10 Flat sizes provides sufficient depth for installing deck lumber up to 5/4" nominal size.

*#14 Smart-Bit and #14 PLUS Smart-Bit come with two (2) 40 mm bits and one (1) 75 mm bit.