



**TWISTER BITS (MADE IN USA)**

**Trak-Star Twister Bits™** are the standard tooling for drilling all types of rail. They are available in two different styles: Black coated M42 HSS (High Speed Steel) and Carbide Tipped. Twister Black Bits can be resharpened and feature a Titanium Aluminium Nitride coating for extended tool life when cutting rail (up to 400 BHN). Carbide Twister Bits feature brazed in carbide tips and offer up to 2-1/2 times the tool life in both standard and extremely hard rail when used with the **Trak-Star Model RB35 Petrol Rail Drill**.

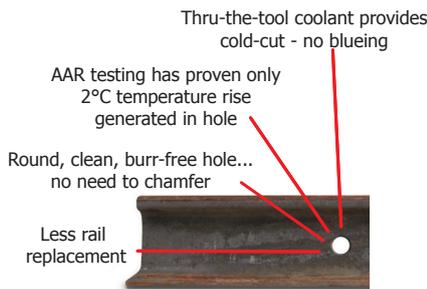


The unique annular (hollow) design and thicker cutter wall offers extended tool life and extra durability.

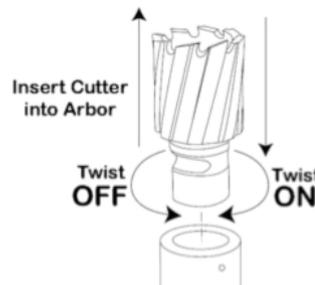
Twister Bits feature the quarter-turn style mounting for quick and easy installation with no tools required. When used with a **Trak-Star Rail Drill**, installation is simple; insert the bit into the arbour and give it a turn.

Twister Bits can also be used with similar rail drilling systems with a 19.05mm (3/4") arbour bore. The shank of the bit features a flat that easily adapts to the set-screw style mounting, offering a secure installation, and allowing Trak-Star cutting technology to be used in multiple systems.

**TWISTER BIT HOLE**



**REPLACING OR INSERTING TWISTER BITS**



**SPECIFICATIONS\***

IMPERIAL STANDARD CUTTERS WITH TWISTER SHANK (22mm / 7/8" DEPTH OF CUT) "FASTER CUTTING TIME"			
Pilot Model No. 03635 for sizes 3/4 to 1-11/16"			
Ø (")	Metric Equivalent (mm)	BLACK Model No.	Carbide Tip Model No.
3/4	19.0	15324	18-15224
7/8	22.2	15328	18-15228
15/16	23.8	15330	18-15230
1	25.4	15332	18-15232
1-1/16	27.0	15334	18-15234
1-1/8	28.5	15336	18-15236
1-3/16	30.1	15338	18-15238
1-1/4	31.7	15340	18-15240
1-5/16	33.3	15342	18-15242
1-3/8	34.9	15344	18-15244
1-7/16	36.5	15346	18-15246
1-1/2	38.1	15348	18-15248
1-5/8	41.2	15352	18-15252
1-11/16	42.8	15354	18-15254

\*Twister bits can only be sharpened by a specialist. Contact your nearest SF branch for more information.

**TWISTER BITS & CUTTING TOOLS (MADE IN USA)**



**TWISTER BITS FOR CRANE/GIRDER RAIL**



These special Twister Bits™ have a 50mm (2") depth of cut and are specifically design for Crane & Girder Rail applications. "TiN" coated (Titanium Aluminium Nitride) for extended tool life and Twister Bit™ shank. \* Twister bits can only be sharpened by specialists, contact your nearest SF branch for more details.

**SPECIFICATIONS\***

Diameter (")	Metric Equivalent (mm)	GOLD Model No.
Use Pilot Model No. 07496		
3/4	19.04	<b>15624</b>
7/8	22.22	<b>15628</b>
15/16	23.81	<b>15630</b>
1	25.40	<b>15632</b>
1-1/16	26.98	<b>15634</b>
1-1/8	28.57	<b>15636</b>
1-3/16	30.16	<b>15638</b>
1-1/4	31.74	<b>15640</b>
1-5/16	33.33	<b>15642</b>
1-3/8	34.92	<b>15644</b>
1-7/16	36.51	<b>15646</b>
1-1/2	38.10	<b>15648</b>

**BONDING BITS ADAPTORS & RETROFIT KITS**



Trak-Star Bonding Bits are for use in all Trak-Star rail drills. Adaptors are fitted with the Twister™ style shanks for quick installation and removal.

**SPECIFICATIONS**

Model No	Description	Size	
		(mm)	(")
<b>05570-9/32</b>	Bonding Retrofit Kit	7.1	9/32
<b>07307</b>	Bonding Drill Bit	7.1	9/32
<b>07305</b>	Bonding Drill Bit & Adaptor	7.1	9/32
<b>07304</b>	Bonding Drill Bit	8.0	-
<b>07302</b>	Bonding Drill Bit & Adaptor	8.0	-
<b>05570-3/8</b>	Bonding Retrofit Kit	9.5	3/8
<b>03452</b>	Bonding Drill Bit	9.5	3/8
<b>05565</b>	Bonding Drill Bit & Adaptor	9.5	3/8
<b>07318</b>	Bonding Drill Bit	10.3	13/32
<b>07316</b>	Bonding Drill Bit & Adaptor	10.3	13/32

Model No.	Description
<b>05570-9/32</b>	Bonding Bit Retrofit Kit to suit <b>RB28</b> & <b>RM42</b> Rail Drills. Kit includes: <b>07305</b> Bonding Bit 9/32" & Adaptor, <b>27049</b> Gear, <b>05568</b> Pin for Gear, <b>05196</b> Teflon Washer and <b>05569</b> Instruction Sheet
<b>05570-3/8</b>	Bonding Bit Retrofit Kit to suit <b>RB28</b> & <b>RM42</b> Rail Drills. Kit includes: <b>05565</b> Bonding Bit 3/8" & Adaptor, <b>27049</b> Gear, <b>05568</b> Pin for Gear, <b>05196</b> Teflon Washer and <b>05569</b> Instruction Sheet



**#07305 (9/32" - 7.1mm)**  
**#05565 (3/8" - 9.5mm)**



**#05196**



**#05568**



**#27049**