



CUTTING TOOL SOLUTIONS DESIGNED TO HELP YOU WORK BETTER

PROBLEM SOLVERS

CUTTING FLUIDS



COOLCUT™

Metal cutting lubricant

Coolcut™ is a ready-to-use, high-performance metal cutting lubricant that stands up to pressure and heat to reduce tool wear and prevent tool breakage.

Applications

- ▷ Machining operations
- ▷ Drilling



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Solid stick	300 g	300 g	53-B 013	L-22	
Liquid/Squeeze bottle	350 ml	11.8 fl.oz.	53-B 003	L-09	12
Sprayer	500 ml	16.9 oz.	53-B 004	L-09	12
Liquid	3.78 L	1 gal	53-B 005	L-09	1



COOLCUT™ 200 BF

Boron-free coolant for grinding and cutting operations

Features

- ▷ Semisynthetic
- ▷ Boron-, Bactericide-, and Monoethanolamine (MEA)-free

Benefits

- ▷ Very finely dispersed emulsion
- ▷ Excellent grinding performance
- ▷ Perfect price-to-performance ratio



Name	Product Number	Size
COOLCUT™ 200 BF	58-A 297	20 L
COOLCUT™ 200 BF	58-A 298	200 L

COOLCUT™ SYN 400 BF

Water-soluble cooling lubricant for grinding and machining of steel and aluminum with high lubrication requirements

Features

- ▷ Mineral oil-free, fully synthetic
- ▷ Free of formaldehyde, boron and secondary amines

Benefits

- ▷ Slightly hazy, colorless solution
- ▷ High lubricity for severe operations
- ▷ 30% longer sump life vs most coolants



Name	Product Number	Size
COOLCUT™ SYN 400 BF	58-A 407	20 L
COOLCUT™ SYN 400 BF	58-A 408	200 L

LEFT HAND DRILL KIT

Removes broken bolts, screws, and other fasteners without an extractor



DRILLCO
CUTTING TOOLS



WALTER
Surface Technologies

LEFT HAND DRILL KIT

Removes broken bolts, screws, and other fasteners without an extractor

Order no. 300LH11



300 LEFT HAND DRILL KIT

Kit contains the 11 most frequently used sizes:

1/16", 3/32", 1/8", 5/32", 3/16", 7/32",
1/4", 9/32", 5/16", 11/32", 3/8"

300LH drills are also sold separately in standard package quantities

Comes in a lightweight, compact, rollup pouch for easy storage!



**FOR MORE INFORMATION, TO SCHEDULE
A FREE DEMO OR TO ORDER:**

DRILLCO United States & Canada:

Phone: (800) 851-3821 | Fax (800) 315-9225

Email: sales@drillco-inc.com

WALTER United States:

Phone: (800) 522-0321 | Fax (866) 274-4435

Email: OrderDesk.US@walter.com

Walter Canada:

Phone: (888) 592-5837 | Fax (866) 581-1121

Email: csr@walter.com



FEATURES

- ▶ **Cobalt Steel Material** - Capable of drilling hardened materials. Excellent Heat & Wear Resistance. Longer tool life than HSS
- ▶ **135° Split Point** - Self-centering split point reduces walking and will engage the fastener more easily
- ▶ **Bronze Surface Treatment** - Adds a protective layer to the drill for longer tool life and maximum lubricity
- ▶ **3-Flat Shank*** - Reduces slippage in the drill chuck for easier operation. **Sizes 3/16" and above*

Made in the USA

Used By:

- ▶ Machinists
- ▶ Maintenance Depts.
- ▶ Contractors
- ▶ Mechanics
- ▶ Installation Crews

Available at :



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NITRO[®] DRILLS

Heavy-duty HSS drills with Black & Gold
Surface treatment for hard metal drilling



DRILLCO
CUTTING TOOLS



WALTER
Surface Technologies



Heavy-duty HSS drills with Black and Gold Surface treatment for hard metal drilling



Fractional Jobber Length List

Size	400N EDP No.	Size	400N EDP No.
1/16"	400N104	19/64"	400N119
5/64"	400N105	5/16"	400N120
3/32"	400N106	21/64"	400N121
7/64"	400N107	11/32"	400N122
1/8"	400N108	23/64"	400N123
9/64"	400N109	3/8"	400N124
5/32"	400N110	25/64"	400N125
11/64"	400N111	13/32"	400N126
3/16"	400N112	27/64"	400N127
13/64"	400N113	7/16"	400N128
7/32"	400N114	29/64"	400N129
15/64"	400N115	15/32"	400N130
1/4"	400N116	31/64"	400N131
17/64"	400N117	1/2"	400N132
9/32"	400N118		

Sets contain 29 DRILLS, 1/16" - 1/2" BY 64^{THS}.
Other configurations available

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FEATURES

- ▶ All Nitro® drills are made from premium quality M2 High Speed Steel. Recommended for heavy-duty drilling in a wide range of material groups, including stainless steel.
- ▶ Body and flute are black and gold surface treated for maximum lubricity
- ▶ Split Point ensures ease of penetration and reduces "walking" when starting a hole
- ▶ A complete line of drills available in Jobber Length (400N, 440N, 480N), Screw Machine Length (300N), Mechanic's Length (350N), and S&D's (1000N) & sets
- ▶ Designed for use in portable hand drills, or fixed spindle applications (CNC Machines, Drill Presses)
- ▶ 3-flat shank on mechanic's length drill reduces slippage in the drill chuck

Made in the USA

1000N



300N



350N



400N



PRO TIP:

Increase the life of your drills by up to 5x with the complete WALTER line of ready-to-use, environmentally friendly metal cutting lubricants that deflect heat during the machining operation!



Available at :



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NITRO[®] SAFETY FIRST CONSTRUCTION REAMERS

Magnetic reamers to help prevent worksite accidents



DRILLCO
CUTTING TOOLS



WALTER
Surface Technologies

NITRO[®]

SAFETY FIRST CONSTRUCTION REAMERS

A unique product in the market that puts safety and accident prevention at the forefront of the design. Perfect for heavy-duty reaming and hole alignment in the fabrication of structural steel assemblies, bridge erection, truck and trailer frames, and ship construction.



Size	A325 Bolt Size	Hex Dia.	Flute Length	Overall Length	4290N EDP No.
9/16"	1/2"	1-1/16"	4"	5-7/8"	429N136
11/16"	5/8"	1-1/16"	4-1/2"	6-3/8"	429N144
13/16"	3/4"	1-1/4"	5"	7"	429N152
15/16"	7/8"	1-7/16"	5"	7"	429N160
1-1/16"	1"	1-5/8"	5"	7"	429N204
1-5/16"	1-1/4"	2"	5"	7-7/8"	429N220

Key sizes listed. Also available in additional sizes



FEATURES

- ▶ Two Neo-40 magnets are embedded in the hex shank of the reamer to secure the reamer in the socket & reduce the risk of the reamer falling out
- ▶ Ideal for use with air impact tools
- ▶ As an added benefit, socket size is compatible with both the reamer and structural bolt assemblies, eliminating the need to change the socket adding an extra layer of protection
- ▶ Tapered at the point to facilitate entering of holes which are out of alignment
- ▶ Manufactured from a premium grade of High Speed Steel. Body and clearance are Black & Gold for maximum lubricity
- ▶ 4290N series is Car Length. Also available in Bridge Length (Series 125SF) for additional reach
- ▶ Meets OSHA 29CFR Part 1926.759 (falling objects protection)

Made in the USA

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MULTI-STEP REAMERS

Clean, Bur Free Holes in Seconds!



DRILLCO
CUTTING TOOLS



WALTER
Surface Technologies

MULTI-STEP REAMERS

Clean, Bur Free Holes in Seconds!

Drillco's multi-step reamers can enlarge existing holes in steel to a new diameter or realign badly misaligned holes to allow a fastener to enter through. They are designed for use in structural steel erection, structural bolt placement, bridge construction and repair, automotive industry, and more!



Special geometry split point reduces “walking” when beginning the reaming process. This special point makes it possible to start a new hole from scratch!

Available in 3 tools, with sizes from 5/16" thru 1 1/16"

Tool#	Description	4700SE EDP No.
1	5 Steps: 5/16", 3/8", 7/16", 1/2", 9/16"	470SE001
2	5 Steps: 9/16", 5/8", 11/16", 3/4", 13/16"	470SE002
3	5 Steps: 13/16", 7/8", 15/16", 1", 1.1/16"	470SE003
SET	3pcs: 1 of each Reamer	470SESET

FEATURES

- ▶ Made from high quality M2 High Speed Steel (HSS)
- ▶ Black oxide surface treatment increases wear resistance
- ▶ 3-flat shanks to reduce slippage in the chuck (Shanks are 3/8")
- ▶ Can ream up to 1/2" thick steel plate.



15 Sizes, 3 Tools

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STRAIGHT FLUTE DRILLS

Suitable for drilling out broken drills, taps, bolts, screws, studs, weldments and more!



DRILLCO
CUTTING TOOLS



WALTER
Surface Technologies

STRAIGHT FLUTE DRILLS

Order no.: 710A5



Designed for both production and reparation drilling in high tensile strength materials. Suitable for drilling out broken drills, taps, bolts, screws, studs, weldments and more!

STRAIGHT FLUTE DRILL KIT

Kit contains the 5 most frequently used sizes:
1/8", 3/16", 1/4", 5/16", 3/8"

710 Series also available individually in diameters ranging from #60 (0.040") to 1/2"



FEATURES

- ▶ **Micrograin Carbide Substrate:** Solid construction is capable of drilling up to 65 Rc hardness with excellent heat & wear resistance
- ▶ **High Tolerance Hole Finish:** Reamer quality
- ▶ **140° Split Point:** Self-centering split point is regrindable
- ▶ **Straight Flute Construction:** Stronger tool & designed for better chip control

Made in the USA

Used By:

- ▶ Machinists
- ▶ Maintenance Depts.
- ▶ Contractors
- ▶ Mechanics
- ▶ Installation Crews

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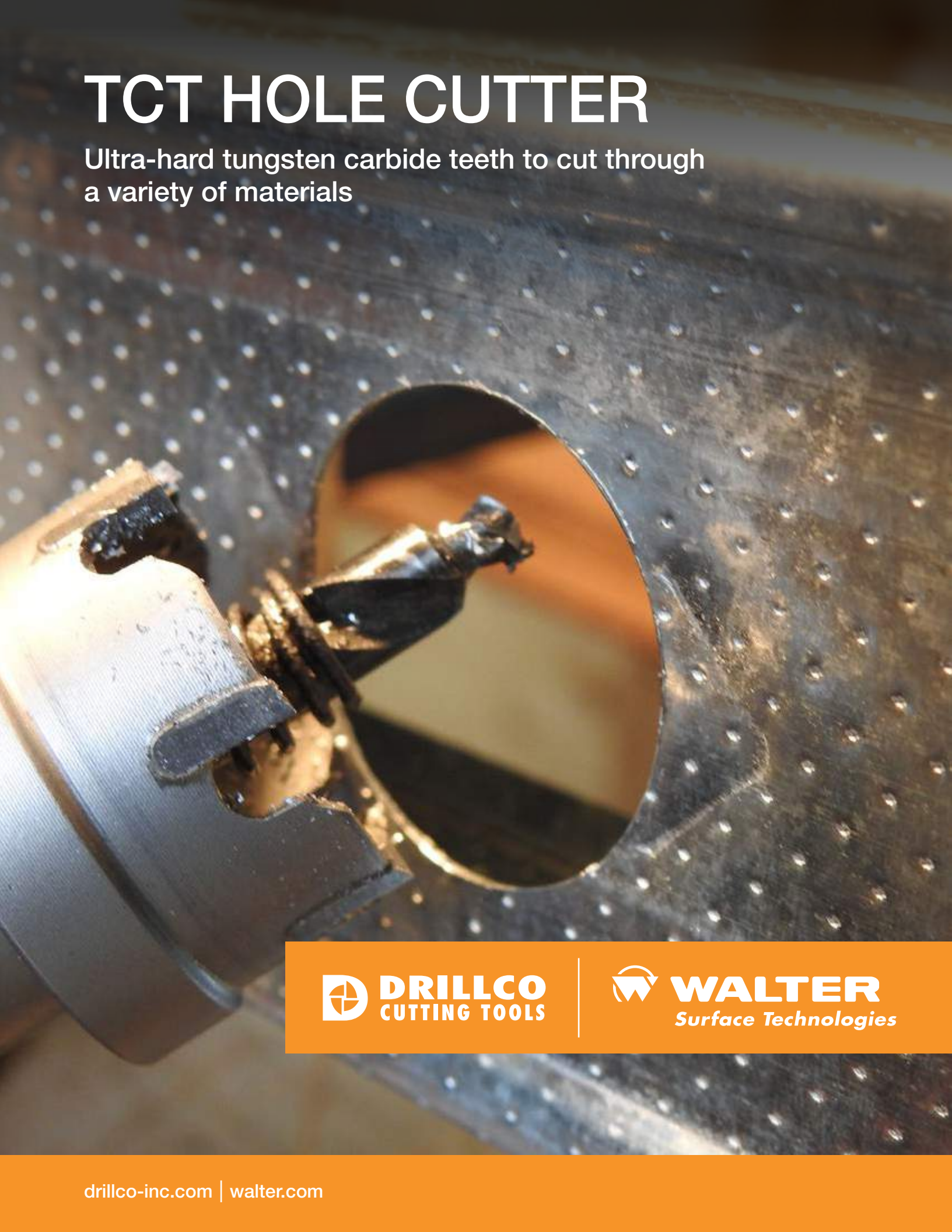
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TCT HOLE CUTTER

Ultra-hard tungsten carbide teeth to cut through
a variety of materials



DRILLCO
CUTTING TOOLS



WALTER
Surface Technologies

TCT HOLE CUTTER

Ultra-hard tungsten carbide teeth to cut through a variety of materials

Drillco's line of carbide tipped hole cutters are ideal for drilling large diameter holes in both ferrous and non-ferrous materials. The 9500CT is ideal for thinner material up to 3/16" thick and the 9600CT for thicker material up to 1" thick, such as sheet metal, steel, aluminum, copper, plastics, brass, cast iron, and the difficult to machine stainless steel. They are an excellent performing, cost effective alternative to bi-metal hole saws.

9500CT

For Thin Material
3/16" Depth



9600CT

For Thick Material
1" Depth



FEATURES

- ▶ Portability makes them ideal for a wide range of professionals including electricians, plumbers, HVAC technicians, mechanics, general contractors, installers, DIY'ers and more
- ▶ The ultra-hard tungsten carbide teeth are made in Europe using premium grade carbide for increased performance and tool life



Size	9500CT EDP No.	9600CT EDP No.	Size	9500CT EDP No.	9600CT EDP No.	Size	9500CT EDP No.	9600CT EDP No.
9/16"	95CT136	96CT136	1-1/2"	95CT232	96CT224	2-7/16"	95CT328	96CT324
5/8"	95CT140	96CT140	1-9/16"	95CT236	96CT228	2-1/2"	95CT332	96CT332
11/16"	95CT144	96CT144	1-5/8"	95CT240	96CT232	2-9/16"	95CT336	96CT340
3/4"	95CT148	96CT148	1-11/16"	95CT244	96CT236	2-5/8"	95CT340	96CT348
13/16"	95CT152	96CT152	1-3/4"	95CT248	96CT240	2-11/16"	95CT344	96CT356
7/8"	95CT156	96CT156	1-13/16"	95CT252	96CT244	2-3/4"	95CT348	96CT364
15/16"	95CT160	96CT160	1-7/8"	95CT256	96CT248	2-13/16"	95CT352	96CT416
1"	95CT164	96CT164	1-15/16"	95CT260	96CT252	2-7/8"	95CT356	96CT432
1-1/16"	95CT204	96CT204	2"	95CT264	96CT256	2-15/16"	95CT360	96CT440
1-1/8"	95CT208	96CT208	2-1/16"	95CT304	96CT260	3"	95CT364	96CT448
1-3/16"	95CT212	96CT212	2-1/8"	95CT308	96CT264	3-1/4"	95CT416	96CT464
1-1/4"	95CT216	96CT216	2-3/16"	95CT312	96CT308	3-1/2"	95CT432	96CT532
1-5/16"	95CT220	96CT220	2-1/4"	95CT316	96CT316	3-5/8"	95CT440	96CT440
1-3/8"	95CT224	96CT224	2-5/16"	95CT320	—	3-3/4"	95CT448	96CT448
1-7/16"	95CT228	96CT228	2-3/8"	95CT324	96CT324	4"	95CT464	96CT464

Sets and Spare Parts

9500CT EDP No.	95CT6S
6pc Set: 9/16", 5/8", 11/16", 3/4", 7/8", 1-1/16" + Two Pilot Drills	
Spare parts	EDP No.
HSS Pilot Drill 4.35mm	95CT001
M6 Screw	95CT002
Spring M8.5 x 20mm	95CT003
Allen Wrench	95CT004

9600CT EDP No.	96CT6S
6pc Set: 9/16", 5/8", 11/16", 3/4", 7/8", 1-1/16" + Two Pilot Drills	
Spare parts	EDP No.
HSS Pilot Drill 6mm	96CT001
M6 Screw	96CT002
Spring M8.5 x 35mm	96CT003
Allen Wrench	96CT004

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THUNDERBIT®

Heavy-duty drills with unique core and flute design for optimal hand drilling applications



 **TRIUMPH®**
TWIST DRILL



WALTER
Surface Technologies

THUNDERBIT®

Available in High-Speed Steel (HSS) and Cobalt, THUNDERBIT® drills are designed for use in portable hand drills. They are available in a complete line of drills including jobber length, stub length, silver & deming (S&D), hex shanks, and sets. All proudly made in the USA.



Fractional Jobber Length List (T1HD Series)

Size	EDP Number	Pkg Qty
1/16"	012504	12
5/64"	012505	12
3/32"	012506	12
7/64"	012507	12
1/8"	012508	12
9/64"	012509	12
5/32"	012510	12
11/64"	012511	12
3/16"	012512	12
13/64"	012513	12
7/32"	012514	12
15/64"	012515	12
1/4"	012516	12
17/64"	012517	12
9/32"	012518	12

Size	EDP Number	Pkg Qty
19/64"	012519	12
5/16"	012520	6
21/64"	012521	6
11/32"	012522	6
23/64"	012523	6
3/8"	012524	6
25/64"	012525	6
13/32"	012526	6
27/64"	012527	6
7/16"	012528	6
29/64"	012529	6
15/32"	012530	6
31/64"	012531	6
1/2"	012532	6

FEATURES

- ▶ Unique spiral flute design improves chip ejection and coolant flow to the point.
- ▶ The heavy-duty core guarantees increased strength and reduced breakage
- ▶ 135° self-centering split point prevents "walking" and provides quick penetration
- ▶ Friction-reducing black & bronze oxide surface treatments for higher drilling speeds



FOR MORE INFORMATION, TO SCHEDULE A FREE DEMO OR TO ORDER:

TRIUMPH United States & Canada:

Phone: (800) 942-1501 | Fax: (218) 263-3887
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