

TSS THOMAS SKINNER

MACHINE TOOLS | CONSUMABLE TOOLS | PARTS AND SERVICE

Since 1904 

SPRING 2023 TOP PICKS



1-866-999-3117

MARCH 1 - JUNE 30 2023



Bi-Metal Band Saw Blades

EXCEPTIONAL VALUE AND PERFORMANCE IN GENERAL PURPOSE CUTTING APPLICATIONS



M42 High Speed Steel Edge increases heat and wear resistance

Enhanced chamfer on the back edge reduces band breaks

High speed blasting strengthens the blade to increase durability and blade life

Advanced tooth design with positive rake angle reduces stripped teeth

Width	TPI	Length	ITEM NO.	PRICE
1"	3-4	13' 6"	TSS-134136DEW	\$49.99
1"	4-6	13' 6"	TSS-146136DEW	\$49.99
1"	5-8	13' 6"	TSS-158136DEW	\$49.99
1"	3-4	14' 10"	TSS-1341410DEW	\$54.95
1"	4-6	14' 10"	TSS-1461410DEW	\$54.95
1"	5-8	14' 10"	TSS-1581410DEW	\$54.95
1-1/4"	3-4	15' 6"	TSS-11434156DEW	\$67.50
1-1/4"	4-6	15' 6"	TSS-11458156DEW	\$67.50
1-1/4"	5-8	15' 6"	TSS-11446156DEW	\$67.50
1-1/4"	3-4	16' 10"	TSS-114341610DEW	\$73.50
1-1/4"	4-6	16' 10"	TSS-114461610DEW	\$73.50
1-1/4"	5-8	16' 10"	TSS-114581610DEW	\$73.50

APPLICATIONS:

Aluminum, Non-Ferrous, Carbon Steels, Alloy Steels, Structural Steel, Stainless Steel

Blaser. SWISSLUBE

HANDLING & CARE OF WATER MISCIBLE COOLANTS

MINIMIXER: Ideal mixing device for preparing homogenous finely dispersed emulsions of metalworking fluid concentrate into water. Capacity at 84 psi water pressure: 254 gallons/hour

REFRACTOMETER: For fast and easy measurement of water-miscible metalworking fluid concentration.

pH TEST KIT: Test strips for measuring pH value.

DEGREASER: Water-based Heavy Duty Degreaser removes oil, grease, and other organic deposits. Biodegradable. CNC machine compatible. Blaser/Swisslube Certified Compatible.



BLA-09264030000



BLA-09288010000



BLA-KETWWHD1GAL



BLA-09650010000

DESCRIPTION	ITEM NO.	SALE PRICE
MINIMIXER	BLA-09264030000	\$1,135.59
REFRACTOMETER	BLA-09288010000	\$380.27
pH TEST KIT LITMUS PAPER	BLA-09650010000	\$64.41
HEAVY DUTY DEGREASER - 1 Gallon	BLA-KETWWHD1GAL	\$35.15

boring PRIMEBORE KIT

www.alliedmachine.com

PRIMEBORE

WOHLHAUPTER

PRIMEBORE DIAMETER RANGE: 0.118" - 8.189"
KIT DIAMETER RANGE: 0.236" - 5.039"



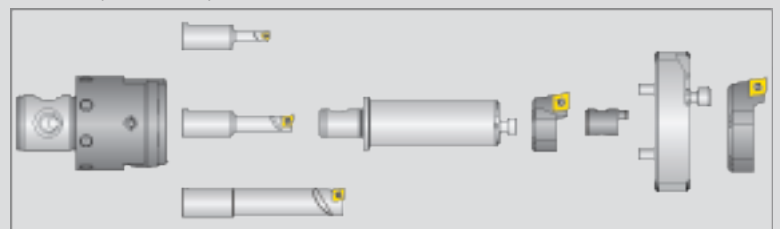
Versatile Fine Boring Prime Bore Kit (Imperial)

KIT COMPONENTS	Form 101/211	Form 20/211
Imperial Boring Head	451001	451001
Boring Bars	450026 (Form 211) 450027 (Form 101) 450028 (Form 101)	450026 (Form 211) 450038 (Form 20) 450039 (Form 20)
Insert Holders	450022 450023	450040 450041
Serrated Tool Body	450021	450021
Serrated Slide	450024	450024
Coolant Delivery Section	450125	450125
Service Keys	003195 (S4) 515451 (T6) 5155452 (T8)	003195 (S4) 515451 (T6) 5155453 (T7)
Kit Item No.	ALL-104088	ALL-104089
Price	\$3,505.30	\$3,505.30

**ALLIED MACHINE
& ENGINEERING**
Machining Solutions for Today's Manufacturing

Optional Inserts:
Form 101 - 397742WHC11
Form 20 - 397673WHC11

ALL-104088 pictured with optional Inserts



*Inserts sold separately



With Patented governed high speed and torque Air Turbine Spindles®, your Haas Machine is a high speed machine!



625CAT40 with Optional TMA

- 25,000 - 90,000 RPM
- Only requires 90 psi /6.2 bar
- 24/7 operation / No duty Cycle
- Patented governed high speed
- 2-micron accuracy
- Negligible thermal expansion
- Constant high speed & torque in cut
- Multiple mounting options
- Auto tool change
- No maintenance
- No wiring
- No control box
- No oil or lubrication.



GENERAL SPECIFICATIONS	625CAT40	650CAT40
Speed RPM	30,000 / 40,000 / 50,000 / 65,000	25,000 / 30,000 / 40,000
Power Rating hp	0.40 / 0.45 / 0.50 / 0.55	0.80 / 0.83 / 0.88
Inlet Air Pressure	90 PSI	90 PSI
Air Consumption Working Flow cfm	11 - 20	14 - 35
Sound Level	Less Than 78 dBA	Less Than 78 dBA
Max Shank Capacity	ER 11 -1/4"	ER 11 -1/4"
Spindle Weight	5lbs.	7lbs.

625CAT40

50,000 RPM, ER 11-1/4"

Ideal for mold making, milling & finishing with small tools (up to 1/4" Capacity)

ITEM No. **AIR-64304**

Regular Price: **\$8,340.00**

\$7,923.00

Toolchanger Mounting Assembly (TMA) for HAAS 40 Taper

ITEM No. **AIR-36219**

Regular Price: **\$1,880.00**

\$1,786.00



625CAT40



Optional TMA

650CAT40

40,000 RPM, ER 11-1/4"

Ideal for heavier duty applications and milling hard materials in corners

ITEM No. **AIR-64074**

Regular Price: **\$8,970.00**

\$8,521.50

Toolchanger Mounting Assembly (TMA) for HAAS 40 Taper

ITEM No. **AIR-36220**

Regular Price: **\$1,880.00**

\$1,786.00



650CAT40 with Optional TMA

Fully automated loading with (1) optional TMA; or (2) through spindle air option using Haas Through Air Blast option. Manual connection also possible.



LIVE TOOLS - BMT65

FOR HAAS LATHES WITH BMT TURRET

OTHER OUTPUT SPINDLES AVAILABLE UPON REQUEST



RADIAL LIVE TOOL, ER32
BEN-114FAX12749E6AD72Z

\$2,790.00



AXIAL LIVE TOOL, ER32
BEN-114DA12700E6AZ

\$1,465.00



Collet Chuck System ER
DIN 6499

Wrenches Included!



New MultiTHREAD Mill™

FULL PROFILE - NPT/NPTF SOLID CARBIDE



Multi-THREAD MILL full form style for pipe threads will cut a wide range of material including carbon steel, steel alloys, stainless steel, aluminum and copper. This all purpose design is well suited to the job shop, short run threading environment.

- NPT & NPTF American Taper Pipe Thread
- 15° left-hand spiral flute geometry for blind and through hole applications in most materials
- For the production of internal threads
- Tool for different thread sizes with standard thread profile (but for one pitch only)
- HA - Straight shank design
- h6 tolerance ground shank
- TiCN coated for wear resistance and additional tool life



Description	FLUTES	SHANK H6	OVERALL LENGTH	FLUTE LENGTH	ITEM NO.	PRICE
1/16 - 1/8 - Thread Mill - Multi Style - NPT	4	5/16"	2 ¼"	0.536"	EMU-GFT9B8069676	\$200.20
1/4 - 3/8- Thread Mill - Multi Style - NPT	4	1/2"	3 ¼"	0.803"	EMU-GFT9B8169677	\$290.95
1/2 - 3/4 - Thread Mill - Multi Style - NPT	4	5/8"	3 ½"	1.034"	EMU-GFT9B8369678	\$403.05
1" - 2" - Thread Mill - Multi Style - NPT	5	3/4"	3 ¾"	1.260"	EMU-GFT9B8569679	\$555.21
1/16 - 1/8 - Thread Mill - Multi Style - NPTF	4	5/16"	2 ¼"	0.536"	EMU-GFT9B8069681	\$200.20
1/4 - 3/8- Thread Mill - Multi Style - NPTF	4	1/2"	3 ¼"	0.803"	EMU-GFT9B8169682	\$290.95
1/2 - 3/4 - Thread Mill - Multi Style - NPTF	4	5/8"	3 ½"	1.034"	EMU-GFT9B8369683	\$403.05
1" - 2" - Thread Mill - Multi Style - NPTF	5	3/4"	3 ¾"	1.260"	EMU-GFT9B8569684	\$555.21



Shipping Policy :

Free Shipping on all consumable product orders* over \$200 & under 50lbs.

Items shipped ground. Overnight Air is available at an additional cost.

*Excludes coolant, lubricants, and repair parts. Only available in BC, AB, SK, and MB

Prices in effect March 1, 2022 - June 30, 2022 or while quantities last.

We have tried to be as accurate as possible, however, there may be errors in text, specifications or price. Please confirm text, specifications and price with your Customer Service Representative. All items are new unless otherwise indicated. Pictures may not be exactly as shown. All products are priced in Canadian dollars unless otherwise indicated. Prices are in effect while quantities last or while manufacturers special discounts are in effect.

ThomasSkinner.com

Central Switchboard

1-800-567-2131

Customer Service/Inside Sales

1-866-999-3117