

INDUSTRY NEWS



COUNTERSINKS



M.A. Ford provides one of the most complete lines of high-speed steel and carbide countersinks. Tools are available in a variety of flute designs for countersinking virtually any material by machine or by hand.

HSS Uniflute® Series 61



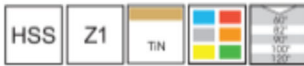
- This is the original single flute countersink designed for general purpose countersinking, chamfering or deburring.
- Self piloting and completely chatterless.
- No secondary burs formed.
- Each size may be used on a wide range of hole diameters.
- Use on machine tool or in handheld tool applications.
- Easily resharpened.
- Steam homogeneous surface treatment (blackening) to prolong tool life and prevent galling.

Carbide Uniflute® Series 60



- Recommended for use on abrasive, non-metallic and non-ferrous materials.
- Can be used on hardened steel and work hardening alloys.
- Rigid set-ups and good machinery maintenance are a must.
- Not recommended for use in handheld tools.
- Easily resharpened.

HSS Uniflute® Series 61T



- This is the original single flute countersink designed for general purpose countersinking, chamfering or deburring.
- Self piloting and completely chatterless.
- No secondary burs formed.
- Each size may be used on a wide range of hole diameters.
- Use on machine tool or in handheld tool applications.
- TiN coating for higher surface hardness and increased lubricity.
- Easily resharpened.

HSS Zero Flute Series 67



- Designed for general purpose countersinking, chamfering or deburring.
- Efficient stock removal, chatter-free finish.
- 3/16" and 1/4" tools are double ended.
- Bright finish helps reduce chip build-up on cutting edge.

HSS Uniflute® Series 61B



- Self piloting and completely chatterless.
- No secondary burs formed.
- Each size may be used on a wide range of hole diameters.
- Use on machine tool or in handheld tool applications.
- ALtima® Blaze for extreme wear resistance under all machining conditions.
- Easily resharpened.

Carbide Chatterless Six Flute Series 78



- Solid Carbide construction (steel shanks on tools 3/8" diameter and larger) makes this countersink ideal for hardened steel, high temperature alloys and other tough jobs.
- Rigid set-ups and good machine tool maintenance are a must.
- Not recommended for handheld applications.

INDUSTRY NEWS

HSS Chatterless Six Flute Series 79



Standard six flute countersinks are designed for economical, general purpose countersinking, chamfering or deburring. Because of the multiple flute design, chip loads are generally smaller. Even at maximum speeds, chatter-free machining is possible. Steam homogeneous surface treatment (blackening) is used to prolong tool life and prevent galling.

HSS Chatterless Six Flute Series 79T



Standard six flute countersinks are designed for eco-nomical, general purpose countersinking, chamfering or deburring. Because of the multiple flute design, chip loads are generally smaller. Even at maximum speeds, chatter-free machining is possible.

TiN coating for higher surface hardness and increased lubricity.

HSS Chatterless Six Flute Series 79B



Standard six flute countersinks are designed for economical, general purpose countersinking, chamfering or deburring. Because of the multiple flute design, chip loads are generally smaller. Even at maximum speeds, chatter-free machining is possible.

ALtima® Blaze for extreme wear resistance under all machining conditions.

HSS Three Flute Aircraft Series 92



- Designed for countersinking, chamfering and deburring aluminum, brass and similar materials.
- Bright finish helps reduce chip build-up on the cutting edge.
- Spiral flute geometry for a clean, chatterless finish.
- Each size may be used on a wide range of hole diameters.

HSS Uniflute® Series 64 Set



- 4 Piece Set includes: 1/4", 1/2", 3/4" and 1" diameters.
- 4 Piece set with TiN coating also available.
- 7 Piece Set includes: 3/16", 1/4", 3/8", 1/2", 5/8", 3/4" and 1" diameters.
- Available with 60°, 82°, 90°, 100° and 120° included angles
- Self piloting and completely chatterless
- No secondary burs formed
- Each size may be used on a wide range of hole diameters
- Use on machine tool or in handheld tool applications
- Easily resharpened
- Steam homogeneous surface treatment (blackening) to prolong tool life and prevent galling
- Available uncoated or with TiN coating.

HSS Six Flute Series 79 Set



- Designed for economical, general purpose countersinking, chamfering or deburring
- Because of the multiple flute design, chip loads are generally smaller.
- At max speeds, chatter-free machining is possible.
- 4 Piece Set includes 1/4", 1/2", 3/4" and 1" diameters.
- 4 Piece set with TiN coating also available.
- 7 Piece Set includes 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" and 1" diameters.

HSS Three Flute Aircraft Series 92 Set



- Designed for economical, general purpose countersinking, chamfering or deburring in Aluminum, Brass and similar materials.
- Bright finish helps reduce chip build-up on the cutting edge.
- Spiral flute geometry for a clean, chatterless finish.
- 5 piece set includes 1/4", 3/8", 1/2", 5/8", and 3/4" diameters.
- Available with 60°, 82°, 90°, 100°, and 120° included angles