Dot Peen Marking tool for CNC marking

The TAPMATIC TapWriter

- • **Eliminates extra operations**

- • **Faster than engraving**

- • **Long tool life with replaceable carbide stylus**

- • **Mark hard or soft materials**

- • **Mark round or uneven surfaces**

- • **Simple to install and program**

The TapWriter allows you to mark your work piece while you are machining it without the need for a secondary marking operation. Part numbers, date codes, logos and even decorative patterns and artwork can easily be created with this unique dot marking tool.

Installs easily on Machining Centers or CNC lathes with Live Tooling.

It utilizes standard engraving software, but unlike engraving, dot-peen marking does not require the use of delicate cutting tools and high speed spindles.
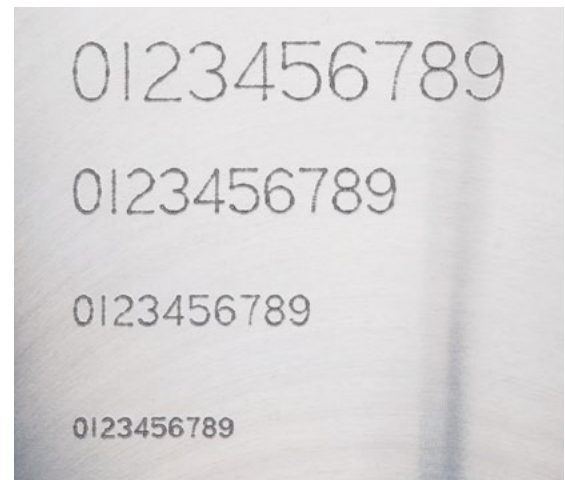
You can mark soft plastics or steel as hard as 55 RC.

The durable carbide stylus is thrown against the work piece which allows the marking of uneven or round surfaces.

The TapWriter is <u>Fast</u>. Up to 80 characters per minute or more just depending on the capabilities of your machine.

Dot peen marking is widely used in the aerospace industry because the cross section of the dot has gentle curves, resulting in no significant stress concentration.

With the TapWriter you have complete control of the mark. The revolutions per minute determines the dots per minute, and the velocity of the carbide stylus when it impacts the work piece. The feed rate controls the distance between dots allowing you to select the apperance of discrete dots or a continuous line.

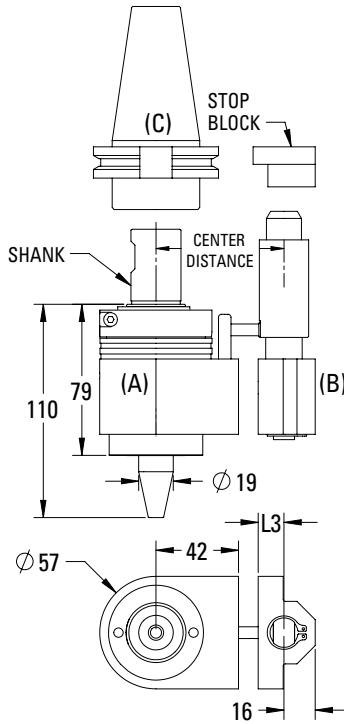**Character heights shown from 6 mm to 2 mm, using standard engraving software.**

Point to point programming for creating characters with defined dot position or 2D Data Matrix codes.

effectivity tools

How to Order

The TapWriter® adapts to machining centers with automatic change, using a locking stop arm, similar to those used with self reversing tapping attachments. Please select the TapWriter® (A), stop arm (B), and CAT, SK, or BT shank (C), to fit your machine. Please order accessories separately.

TapWriter®
with Stop Arm Bar and
Stop Block Installation

(A) TapWriter® CNC Dot Peen Marking Tool

Model	Order code	Shank	Weight kg
TAPWRITER	57820	20 mm	1.7
	57825	25 mm	
	57810	1˝	

(B) Stop Arm Assembly

Center Distance (42+L3)	Order code	L3
55	3925551	13
65	3925651	23
80	3925801	38

Special stylus points or extended lengths are available on request.

(C)

Interchangeable Steep tapers

Stop Block

Installation

TapWriter®