

Kyocera Customer Notification: Change to Printing on Ring and Shank (Drills)

Kyocera Tycom Corporation

June 1, 2009

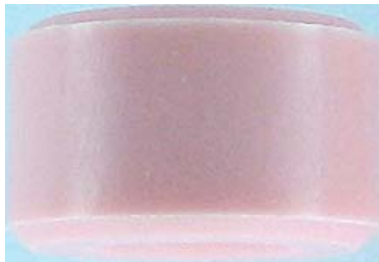
Kyocera Tycom Corporation is modifying its ring and laser markings, beginning in June 2009.

In the past, KTC identified drill products by printing the diameter and series on the rings as well as laser markings identifying the tool's diameter, flute length and, when applicable, a "U" for "undercut" on the shank of the tools. **Starting in June 2009, the format will be changed. The rings will only show the decimal inch on the top and bottom. The laser mark on the shank will continue to show the diameter and flute length, in millimeters as well as "U" if the tool has an undercut. Added to the shank will be an identifying letter that will indicate the series of the tool. This allows KTC and its customers to continue to be able to identify, diameter, design, and flute length. Please see examples below:**

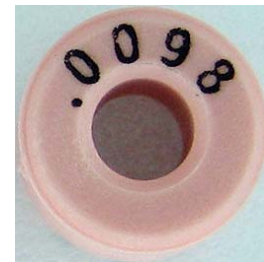
Old Version:



New Version:



Top View (unchanged)



Old Version:



New Version:



KTC Part Series	Identification Letter	Example (Print on Shank)
100	P	P 0.55x9.1
120	Z	Z 0.60x9.1
405	U	U 0.20x1.3 U
410	V	V 0.40x4.0 U
420	L	L 0.40x7.5 U
440	T	T 0.50x5.0 U
460	A	A 0.25x4.5 U
464	X	X 0.30x5.5 U
470	Q	Q 0.25x5.0 U
480	B	B 0.35x7.0 U
485	C	C 0.35x6.0 U
490	D	D 0.50x10.2 U
491	F	F 0.25x4.0 U

492	M	M 0.55x8.6 U
493	G	G 0.25x7.5 U
494	N	N 0.60x10.9U
495	W	W 0.55x12.07U
560	H	H 0.35x5.5
580	J	J 0.35x7.0
700	R	R 0.55x7.1
750	S	S 0.95x8.6

Updated: 11/13/11 RPR

Kyocera Tycom will keep an updated table posted on its website: www.kyoceratycom.com