

TOOL INFORMATION NO.6



MURATA TOOL, LTD.

June 2018

New Release

VULCANTOOL II

1. What is a difference from VULCANTOOL?

Better quality, longer life and easier setting

are attained. See below for further information.

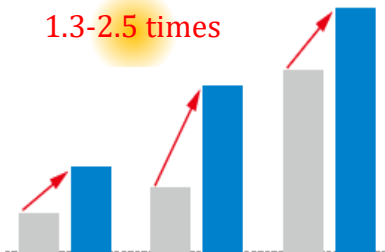
2. Which machine could use VULCANTOOL II?

MOTORUM series, VECTRUM series and M5000.



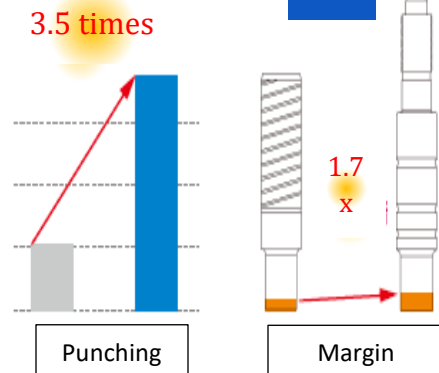
1 **Less burrs!**

Springs are revised.
Powerful stripping reduces burrs!



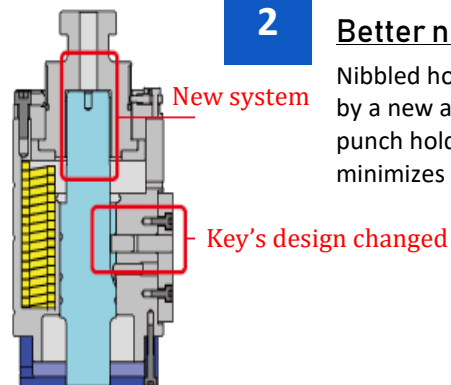
3 **Longer life!**

Number of hitting and sharpening margin are increased.



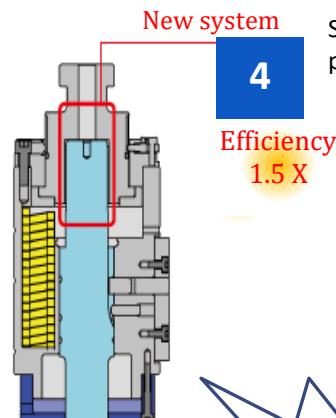
2 **Better nibbling!**

Nibbled holes are better aligned by a new assembling system of punch holder parts, which minimizes punching deviation.



4 **Easy preparation!**

Shims are not necessary for punch height adjustment.



How long does it take to change punches?

117 seconds with VULCAN
74 seconds with VULCAN II

37% shorter

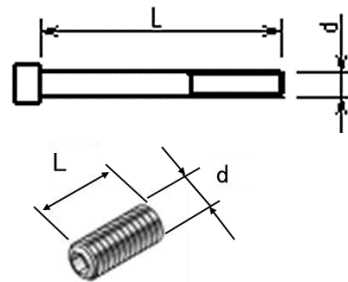
Set bolt and required torque

	Range	SET BOLT	
		M2000, M2048LT, M2044EZ, V3000αβ, C3000, M5000, FL1544, V3000, V5000	C2000, C1000, C2500
114	XA	HSC M6X8 (SIDE)	-
	A	HSC M10X10	HSC M10X10
	XB	HC 5/16-18 UNCx2-1/4	-
	B, C	1/2-13UNCx2-1/2	1/2-13UNCx2
	D+	1/2-13UNCx3	
	INDEX*	HC 5/16-18UNCx2-1/4 + P63-79160-60 HC 5/16-18UNCx3 + P22-79130-60	HC 5/16-18UNCx2-1/4 + P22-79130-60
VULCAN	X	HC M8X130	-
	A, B, C	TLV-11131-60	TLV-21111-60
	D+	HC M12X60	HC M12X40
	INDEX*	HC M8X45 + TLV-17030-60	HC M8X20 + TLV-17030-61
	INDEX FB	TLV-11131-60	-
	INDEX FC	TLV-17330-60	-
VULCAN II	X	-	-
	ABC	-	-
	D	-	-
	EF	P52-WA705-61	-
	G,H,J		-
	INDEX		-

* INDEX uses SET BOLT and ADAPTER SCREW

INCH AND METER

d x L (")	L (mm)
5/16-18UNCX2-1/4	57.1
5/16-18UNCX2-1/2	63.5
5/16-18UNCX3	76.2
5/16-18UNCX3-1/2	88.9
1/2-13UNCx2	50.8
1/2-13UNCx2-1/2	63.5
1/2-13UNCx3	75.0
1/2-13UNCx4	101.6
1/2-13UNCx4-1/2	114.3



RECOMMENDED TORQUE

HC	TORQUE (kgf·m)
M4	0.45
M6	1.5
M8	3.8
M10	7.5
M12	13.1
M14	20.7

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