

SOMMA TOOL COMPANY / WHAT'S NEW IN THIS CATALOG...

Since 1939 it has been the goal of Somma Tool Company to offer the best quality tools to the screw machine industry. We continue this tradition by offering the following new catalog items to help make your machines run more efficiently.

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SELECTING TOOL MATERIAL

THERE ARE THREE CHARACTERISTICS THAT AFFECT THE PERFORMANCE OF ANY CUTTING MATERIAL, THEY ARE:

TOUGHNESS— THE RELATIVE ABILITY OF THE STEEL TO WITHSTAND DEFLECTION AND INTERRUPTED CUTS WITHOUT CHIPPING.

WEAR RESISTANCE— THE RELATIVE ABILITY OF THE STEEL TO WITHSTAND THE ABRASIVE ACTION OF DIFFICULT TO MACHINE MATERIALS WITHOUT WEARING AWAY.

RED HARDNESS— THE RELATIVE ABILITY OF THE STEEL TO WITHSTAND THE HEAT GENERATED WHEN CUTTING HARD MATERIALS WITHOUT LOSING ITS HARDNESS.

M2 H.S.S. (ROCKWELL C63-65) HAS THE HIGHEST TOUGHNESS AS WELL AS GOOD WEAR RESISTANCE AND RED HARDNESS, AND IS ALSO THE LEAST EXPENSIVE.

M4PM H.S.S. - FORMERLY CALLED SUPERKUT, (ROCKWELL C64-66) HAS HIGH WEAR RESISTANCE PLUS GOOD RED HARDNESS AND TOUGHNESS, AND IS MEDIUM PRICED. WE PRESENTLY USE IT ONLY FOR CUTOFF BLADES BECAUSE IT HAS PROVEN TO OUTPERFORM COBALT TYPE BLADES.

M42 H.S.S. (ROCKWELL C65-68) HAS HIGH RED HARDNESS PLUS GOOD WEAR RESISTANCE AND TOUGHNESS, AND IS MEDIUM PRICED.

T15PM H.S.S. (ROCKWELL C64-66) HAS HIGH WEAR AND ABRASION RESISTANCE PLUS GOOD RED HARDNESS AND TOUGHNESS, AND IS HIGHER PRICED.

76PM H.S.S. (ROCKWELL C65-68) HAS THE HIGHEST WEAR RESISTANCE AND RED HARDNESS PLUS GOOD TOUGHNESS, AND IS THE HIGHEST PRICED. IT CAN BE USED WHEN NONE OF THE ABOVE STEELS ARE SATISFACTORY.

MAXAMET OR 86PM H.S.S. (ROCKWELL C69-71) FOR DIFFICULT TO MACHINE MATERIALS.

OTHER FACTORS TO CONSIDER IN SELECTING A TOOL MATERIAL ARE THE LENGTH OF THE RUN, THE TYPE OF MATERIAL BEING MACHINED, THE CONDITION OF THE MACHINE, THE TYPE OF COOLANT BEING USED, TOLERANCES AND FINISHES REQUIRED, AND THE PERSONNEL OPERATING THE MACHINES.

WE RECOMMEND THAT, RATHER THAN STANDARDIZING ON ANY SINGLE MATERIAL, YOU ANALYZE EVERY JOB FOR THE MATERIAL WITH THOSE CHARACTERISTICS BEST SUITED TO THE PARTICULAR REQUIREMENTS.

AND OF COURSE TO ATTAIN LONGEST TOOL LIFE, OR WHEN ALL ELSE FAILS, THE USE OF CARBIDE TOOLING IS THE ULTIMATE CHOICE.

Your local Somma distributor will provide you with prompt service and knowledgeable assistance. We also offer excellent backup support from our factory. Here is a list of people to contact at Somma Tool Company for sales and technical assistance. Our phone number is 203-753-2114, our extensions are as follows:

SALES / SALES ENGINEERS		BROACHING/ TECHNICAL SUPPORT		QC INSERT TOOLING/ TECHNICAL SUPPORT	
NAME	Ext.#	NAME	Ext.#	NAME	Ext.#
Matt Ciullo	105	Sharon Pelletier	104	Dick Noti	108
Jerry Somma	106			Rob Somma	111
				Rick Grante	115

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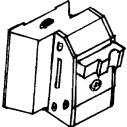
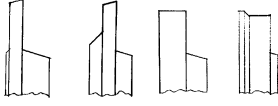
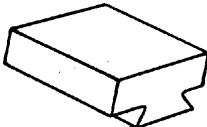
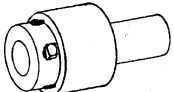
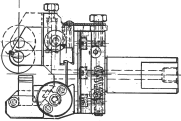
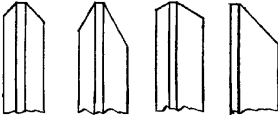
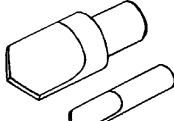
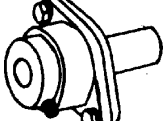
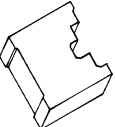
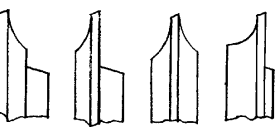
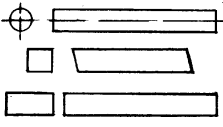
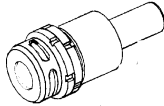
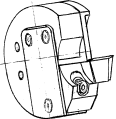
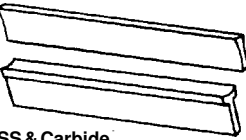
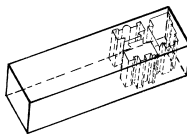
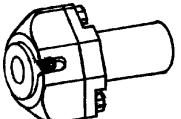
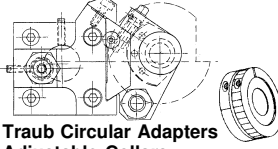
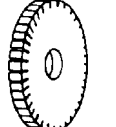
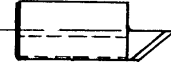
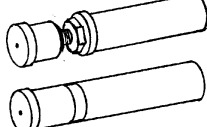
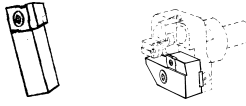
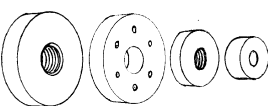


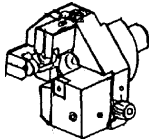
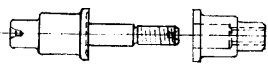
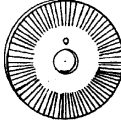
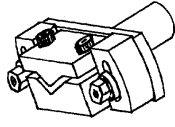
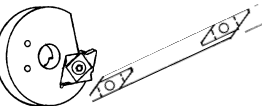
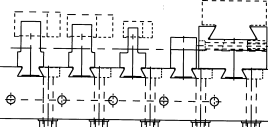

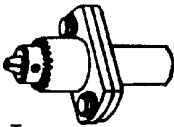
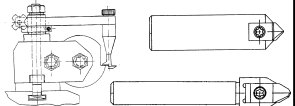
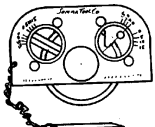
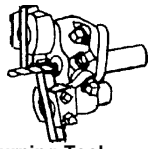
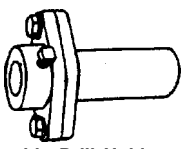

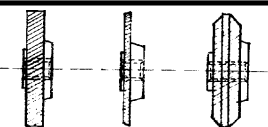

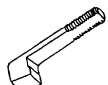
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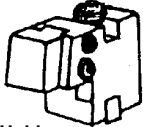
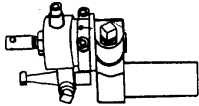
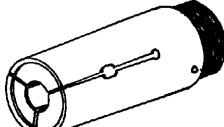

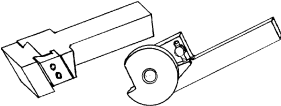
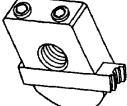
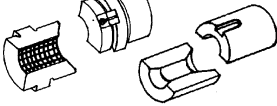
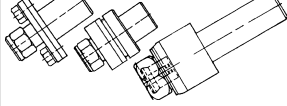
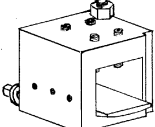

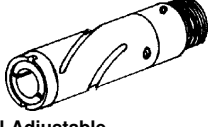
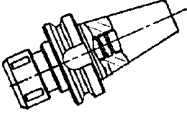
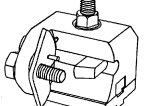
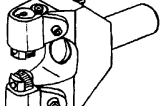
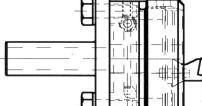
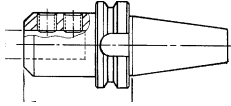
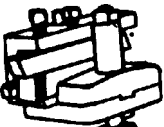
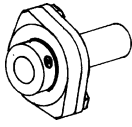
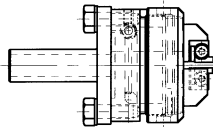
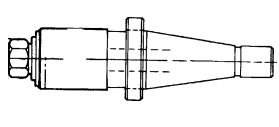
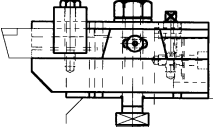
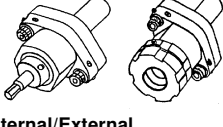
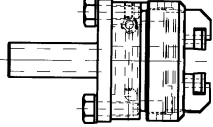

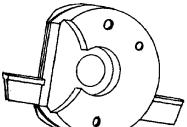
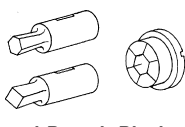
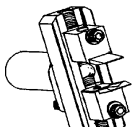
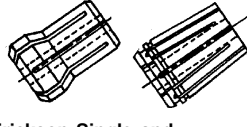
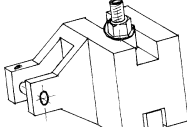
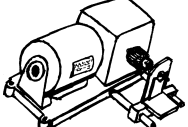

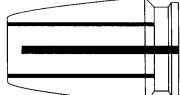
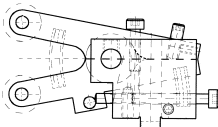
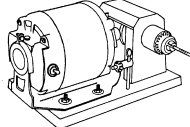
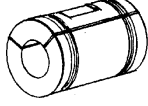
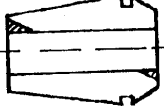
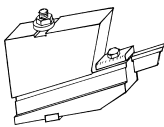
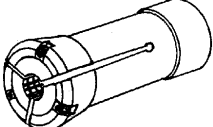
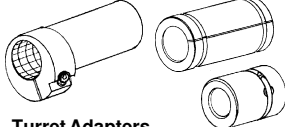
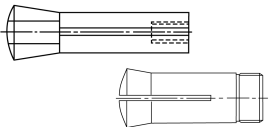
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