

SGS®

Solid Carbide Tools



FERROUS RECOIL GROOVE TOOL

- Two EDP's in the portfolio with a .2100 cutting diameter and a corner radius of .010.
- Ti-Namite-M and Ti-Namite-A coated options standard in portfolio.
- Heavy core design adds rigidity for cutting difficult to machine materials.
- Tight corner radius tangency tolerance for quality recoil grooves.
- Specially engineered flute design adds strength and improves chip flow.
- Square and varied corner radii configurations available upon request.

FERROUS RECOIL GROOVE TOOL

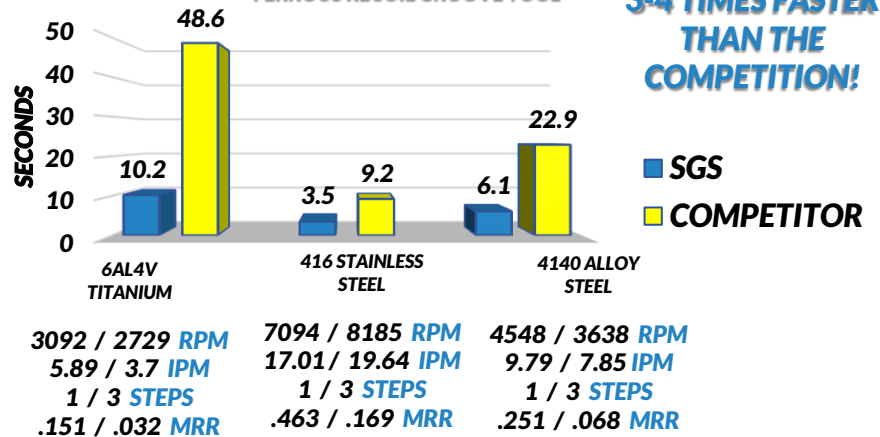
FERROUS DOVETAIL FORM TOOL



CYCLE TIME

FERROUS RECOIL GROOVE TOOL

3-4 TIMES FASTER THAN THE COMPETITION!



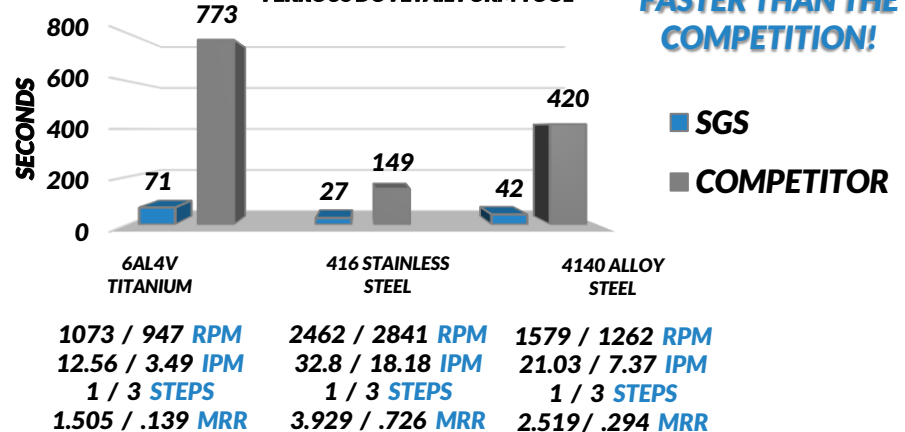
FERROUS DOVETAIL FORM TOOL

- Two EDP's in the portfolio with a .6050 cutting diameter.
- Ti-Namite-M and Ti-Namite-A coated options standard in portfolio.
- Five flute design allows for higher machining parameters.
- Open end work design for increased chip space.
- Square end configuration with improved corner strength to improve corner durability.
- Specially engineered flute shape for increased chip control.

CYCLE TIME

FERROUS DOVETAIL FORM TOOL

5-10 TIMES FASTER THAN THE COMPETITION!



Visit www.kyocera-sgstool.com to learn more!



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NON-FERROUS RECOIL GROOVE TOOL

- Two EDP's in the portfolio with a .2100 cutting diameter.
- Uncoated & TiB2 coated options standard in portfolio.
- Open flute design improves chip removal at high feed rates.
- Circular land improves surface finish and chatter suppression.
- Symmetrical end gashing improves balance in high speed operations.
- 45 degree chamfer enables slot and deburr in one operation.
- Corner radius end configurations available upon request.

NON-FERROUS RECOIL GROOVE TOOL

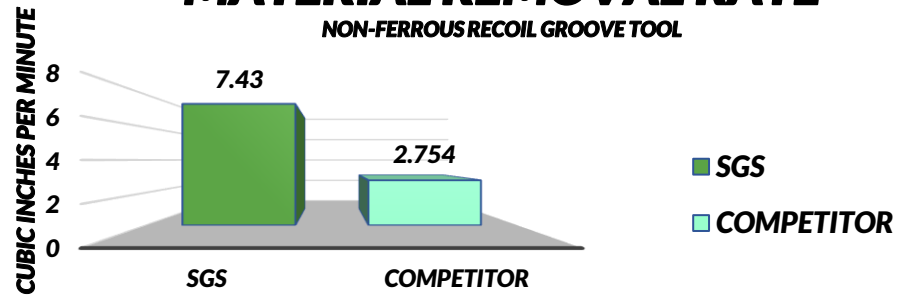


NON-FERROUS DOVETAIL FORM TOOL



MATERIAL REMOVAL RATE

NON-FERROUS RECOIL GROOVE TOOL



7075 ALUMINUM

29105	RPM	18191	RPM
290	IPM	215	IPM
1	STEPS	2	STEPS
.21	SECONDS IN CUT	.56	SECONDS IN CUT

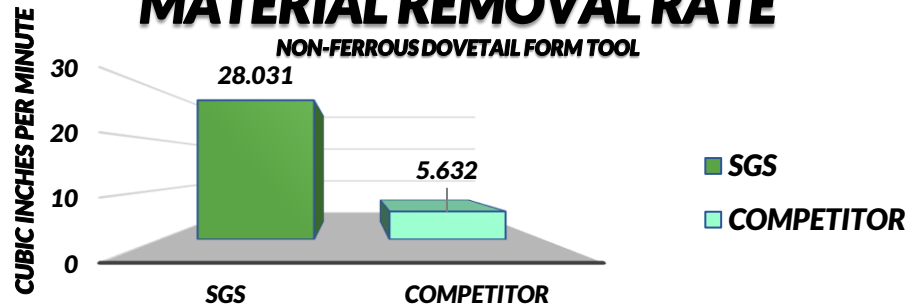
**34%
HIGHER FEED
RATES!!!**

NON-FERROUS DOVETAIL FORM TOOL

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MATERIAL REMOVAL RATE

NON-FERROUS DOVETAIL FORM TOOL



7075 ALUMINUM

12628	RPM	6112	RPM
234	IPM	94	IPM
1	STEPS	2	STEPS
3.9	SECONDS IN CUT	9.6	SECONDS IN CUT

**MATERIAL
REMOVAL
RATES 5X THE
COMPETITION**

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