

Foil RS

the multipurpose cylindrical insert

Increases production efficiency by completing multiple production passages by using one single insert

Higher efficiency by saving time in the assembly/disassembly phases and ultra-high precision are the benefits offered by **Foil RS**, the new cylindrical Widia insert assembled in radial frontal position that can replace up to three different processing applications carried out using traditional inserts (radius knives, groovers and spurs).



DESIGNED SPECIFICALLY FOR
HIGH SPEED PROCESSING

The strengths of the new insert Foil RS:

1 Efficiency in production

- Can be used on both TWT high-speed cutting tools, Laser.S and Laser.HP;
- Made entirely of Widia (cemented carbide) that provides greater resistance and longer life
- Shorter replacement times
- Better chip clearance thanks to careful study of angles and exhausts
- Lower noise thanks to the tool's more compact shape

2 Reliability and Quality

- New geometry designed to guarantee optimal finish
- Allows for up to 2 sharpenings

3 Easier and faster maintenance

- The radial installation of the cylindrical insert allows greater accessibility for accurate and fast cleaning. The screw is positioned so as not to be invested by chip clearance
- Simplified insert replacement thanks to the wedge-controlled 'expulsion' system
- Insert's self-centering positioning system. To be installed, the insert is simply pressed in to make it achieve the exact radial position.



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presetting **Foil RS**



TWT
HIGH TECH TOOLS

With *Foil RS* you get:



- 1 - Multiple processing operations using one single insert
- 2 - Lower maintenance costs
- 3 - Fast replacement with one positioning procedure
- 4 - Better chip clearance and excellent surface finish
- 5 - A simpler, easy to use and flexible insert system that makes production more efficient



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Foil RS

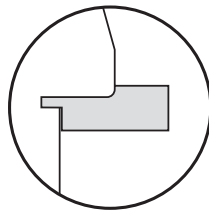


Fig. 1A

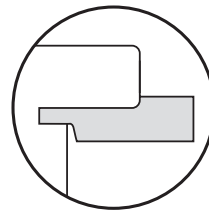


Fig. 1B

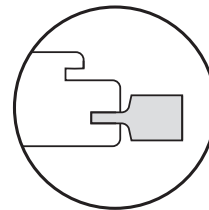


Fig. 1C

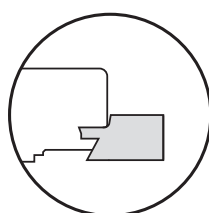


Fig. 1D

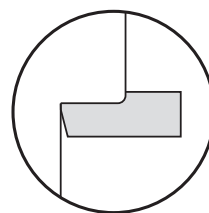


Fig. 1E

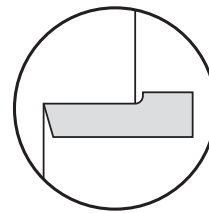


Fig. 1F

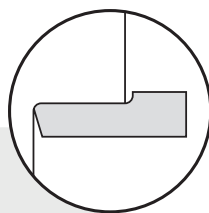


Fig. 1G

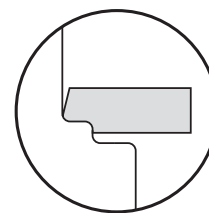


Fig. 1H

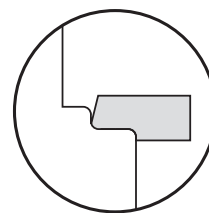


Fig. 1L



The *Foil RS* insert is covered
by European Patent No. 19197983



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