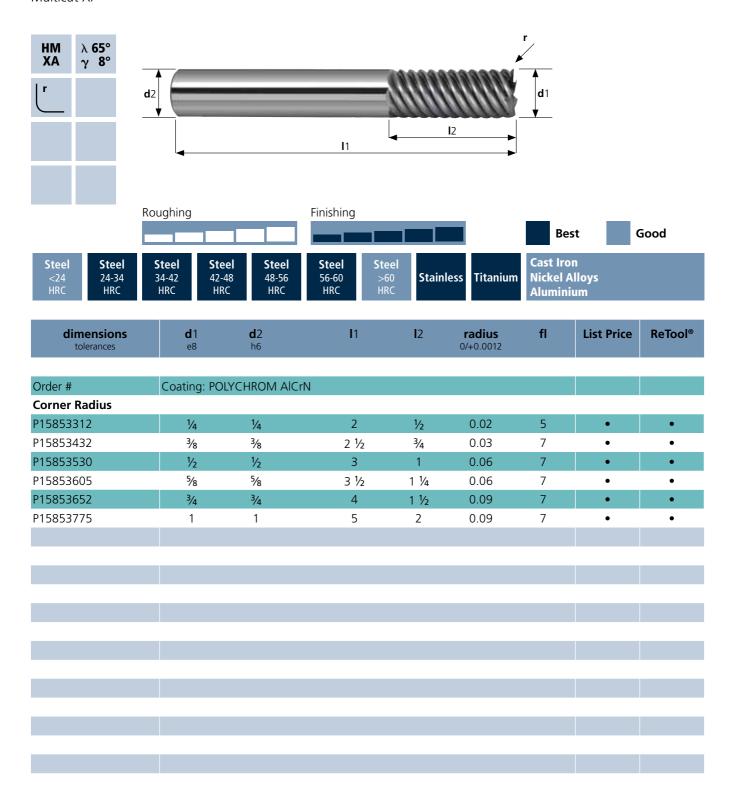
High-Performance Finishing Cutter

Multicut XF





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Here, you will be provided with further information on the FRAISA Group.





Finishing cutter Multicut XF



Multicut XFEXtreme Finish

The new **Multicut XF** is perfect for tight tolerance applications where you need excellent surface finish and increased productivity. The advantages of the **Multicut XF** over conventional finishing cutters is reflected in the performance to price ratio as well as the improved surface quality. In some cases you can skip grinding operations using the **Multicut XF**, helping you to save time and money.

The **Multicut XF** is different from other finishers because of its extremely high helix, unequal spacing and odd number of flutes. This leads to vibration-free machining with straight walls and excellent finishes.

Surface qualities

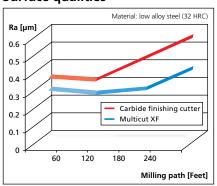


Fig. 2: Illustration of the component roughness Ra for the above milling path in the case of conventional finishing cutters and Multicut XF

Reduction of the machining costs per workpiece

The ideal feed values are more than 50% higher compared to conventional tools for finishing operations. Additionally, this tool enables finishing processes to be performed in only one step. These features lead to a reduction of the machining costs by more than 30%.

Reduction of the tool costs

Multicut XF increases tool life over other finishers by at least 50%, which results in a reduction of the tool costs by more than 30%.

The best surface quality of the components

The very robust and rigid geometry gives you great accuracy and finishes which are lower than Ra=0.4 even after a milling time of 90 minutes.

Resharpening

The **Multicut XF** can be resharpened several times, if handled by experts, so send them back to Fraisa USA to save even more money on tool costs.

Feed rates

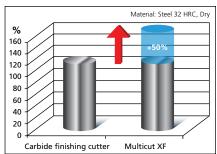


Fig. 1: Feed rates of conventional finishing cutters and Multicut XF

The advantages:

- Extreme dimensional and positional accuracy
- Extremely good surface finishes
- Extreme process security
- No vibrations
- Shorter machining times
- Lower production costs



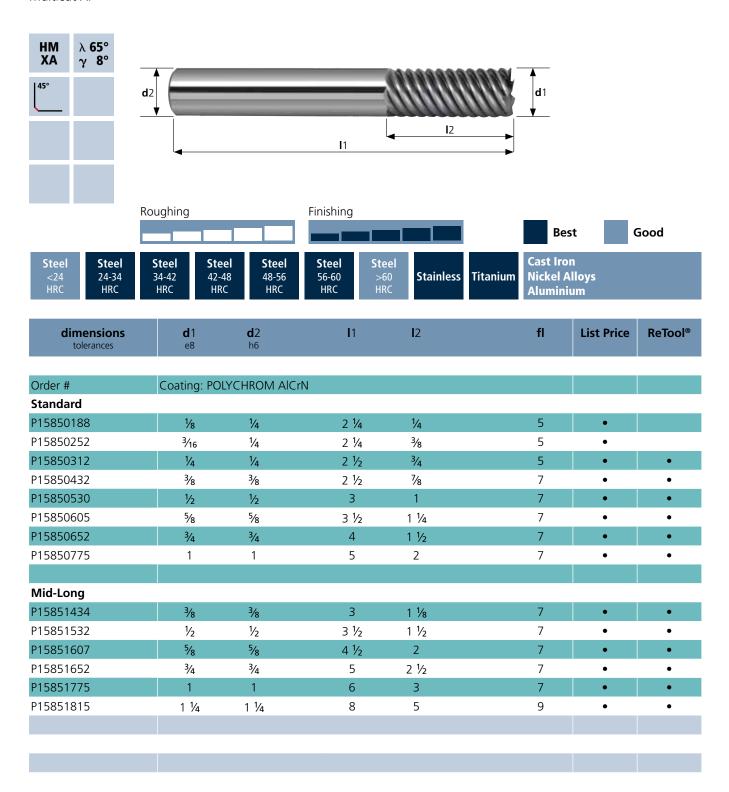


If you have any question, please send an email to info@fraisausa.com

For further information, please refer to www.fraisa.com

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