

Walter Product Information

Below are the latest upgrades and changes to Walter products and services. If you need more details, please contact your local Cline Tool representative.



Walter GPS

New Feature: Face Milling With No Radial Engagement Limitations

Face milling operations used to be restricted between 1/3 and 2/3 of the tool diameter to avoid the critical radial engagement range and to prevent unstable cutting conditions. With the new **“Allow Radial Engagement”** option, users can override this restriction.

The screenshot shows the Walter GPS software interface. On the left, there's a sidebar with 'GPS Start', material selection (42CrMo4 1200 N/mm², P2.5.Z.HT 1200 N/mm²), 'Plain surface', and 'Universal high-perform...' with parameters like 200 kW, 50000 1/min, and cutting speeds (0.8 mm, 1000 mm, 100 mm). The main area is divided into 'Options' and 'Parameters'. Under 'Options', 'Operation type' has 'Pre-machining' selected. 'Workpiece surface condition' has 'Pre-machined' selected. 'System stability' has 'Excellent stability' selected. Under 'Parameters', 'Depth' is 0.8 mm, 'Width' is 100 mm, 'Length' is 1000 mm, and 'Interruption ratio' is %. A red box highlights the 'Allow radial engagement close to half of cutting diameter for indexable tools' checkbox, which is checked. Below it, a caution note states: 'Caution: radial engagement in range of 33-67% of cutting diameter is not recommended for indexable tools.' A red arrow points to this checkbox. At the bottom, there's a 'Get results' button.

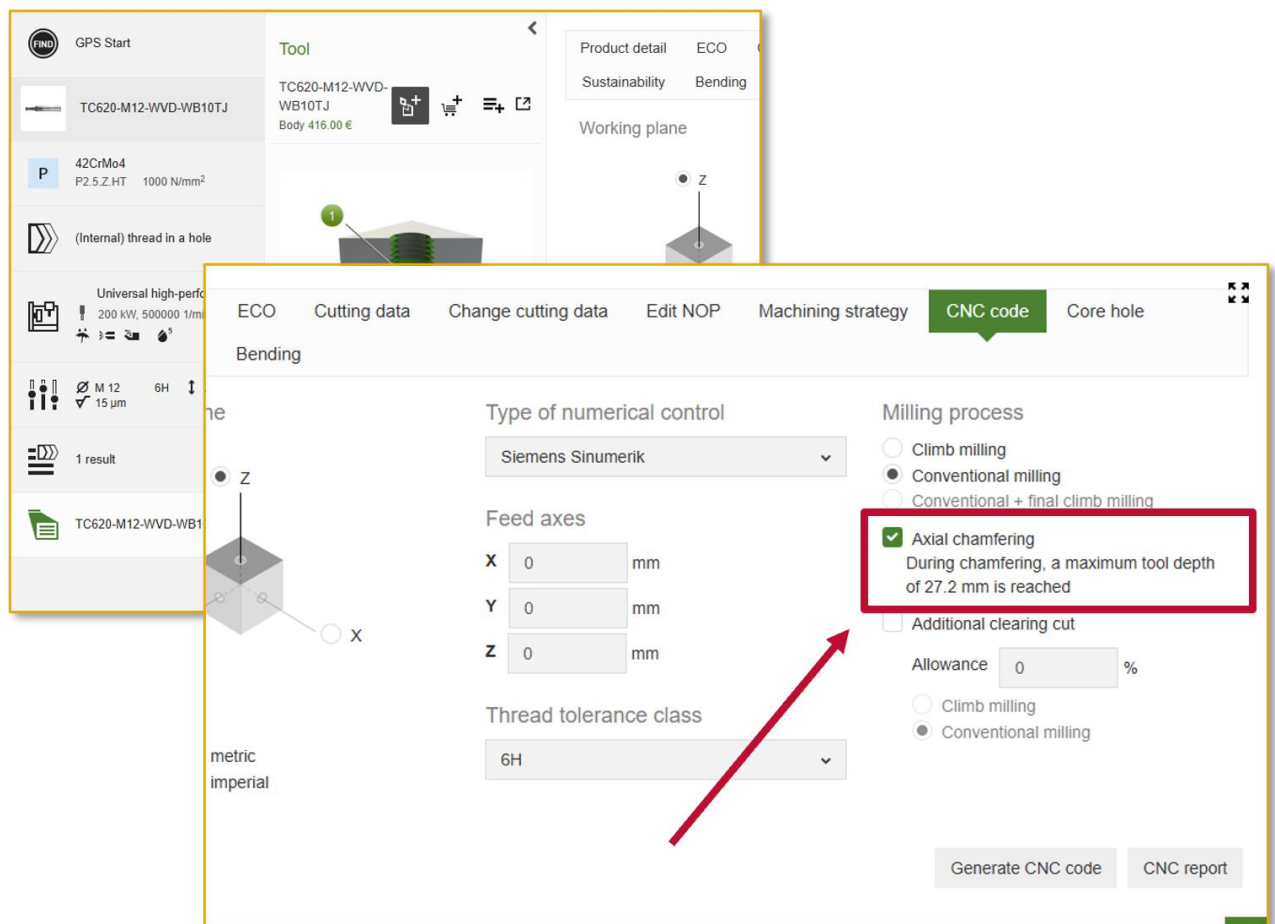
Added value:

- Supports typical cutting widths (ae), including those in the critical range
- Improved flexibility for advanced users and specific machining strategies
- Enhanced user experience through greater control and transparency

New Feature: CNC Tab: Multi-row Thread Milling Cutter With Axial Chamfer

A significant enhancement has been introduced to the CNC Tab: multi-row thread milling cutters can now perform **axial chamfering in the same operation**.

Previously, multi-row cutters were limited to threading tasks only, requiring a separate tool and additional machining step for chamfering. This not only increased cycle times but also added complexity to tool setups and programming.



The CNC module in Walter GPS **now includes axial chamfer capability for face milling operations** - removing the need for radial engagement constraints.

Added value: _____

- No additional chamfer tool or process required
- Significantly increased productivity through streamlined operations



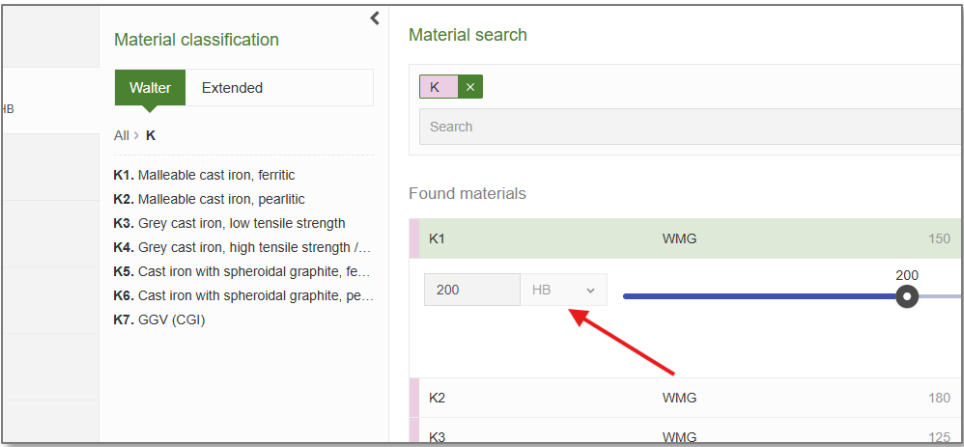
Follow link or scan code to Walter GPS*

Adjustment In Materials Disable Hardness Scale Change For Specific Materials

To enhance the reliability of cutting data calculations, Walter GPS now disables hardness scale conversion between (HB, HV, HRC and tensile strength) for all materials but ISO P and ISO M. This update ensures that only materials with technically valid conversion logic are displayed.

For other materials, the **conversion often results in significant deviations from actual tensile strength values** (e.g., from datasheets or measurements). These inaccuracies can lead to incorrect cutting data and compromise performance.

Disabling the conversion for these materials helps **maintain precision and trust in Walter GPS-generated data**.



Follow link or scan code to Walter GPS*

Milling Roundtools

Metric lollipop endmills (MA430 Advance) globally available in Walter Online Catalog

We want to inform you that we added the metric lollipop versions of MA430 Advance into the global assortment. It's up to you to try them.



Follow link or scan code for MA430 in Walter Online Catalog*

* Scan QR code or click on it to access Walter website.

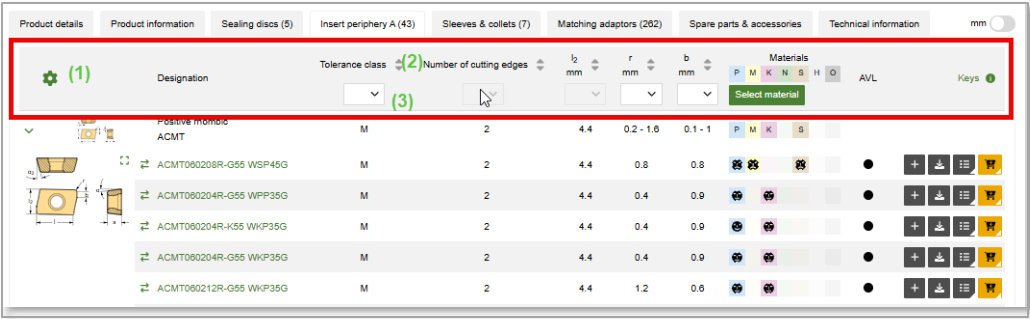
Implementing New Sorting And Filtering Possibilities

In order to support you and your customers to find products easier, we have introduced new sorting and filtering possibilities. You will find now in our Walter Online Catalog:

- 1) customizable columns
- 2) alphanumeric sorting
- 3) filtering based on technical parameters



Follow link or scan code to Walter Online Catalog*



Introducing Product Status Filter

Walter has introduced a **Product Status Filter** to clearly indicate the product availability status. It saves time by eliminating the need to inquire about product availability and speeding up the purchasing process. Additionally, it enables better planning as customers will know which products will soon be removed from the assortment.

We have categorized products into three groups:

- **Discontinued Products**
(permanently removed from the assortment)
- **Phasing Out Products** (soon to be unavailable but still purchasable)
- **Standard Products** (regularly available with no restrictions)



Follow link or scan code to see an example of product filter*

* Scan QR code or click on it to access Walter website.

