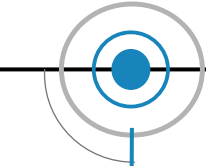


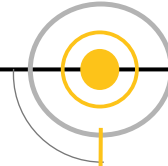
meviy Releases from the Past 6 Months

Overview: Last 6 months Releases of meviy



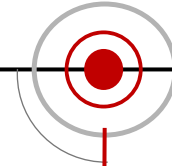
CNC Milling

- ✓ [Heat Treatment Options](#)
- ✓ [Automatic Quotation on Curved Surfaces](#)
- ✓ [Express and Rapid Shipping Options](#)
- ✓ [Red and Gold Anodised](#)
- ✓ [New Metal Materials & Surface Treatment](#)



CNC Turning

- ✓ [Tapered screw](#)
- ✓ [Heat Treatment Options](#)
- ✓ [Plastic Materials Added](#)
- ✓ [Geometric Dimensioning & Tolerancing](#)



Sheet Metal

- ✓ [Additional Edge Breaking Options](#)
- ✓ [Pre Anodised Plate](#)

■ CNC Milling

CNC Milling: Instant automatic quotes for hardening treatment added

Typically, the process from quotation to delivery for hardening treatment is time-consuming.

However, now you can get **instant automatic quotations** on meviy! Ship as fast as **14 days!**

Material	Surface Treatment	Auto-quote range
EN 1.2379 equiv.	Electroless Nickel Black Oxide	HRC50~63
EN 1.7220 equiv.		HRC30~55
EN 1.1206 equiv.		HRC30~50



Heat Treatment: None
Through Hardening

Option Setting

Add Dimensions Geometric Tolerance

Surface Roughness Part marking

Details

452-7LF1K

- Common Items
 - External Dimensions
 - 41.5 mm
 - 10 mm
 - 9.9 mm
 - Surface roughness Ra6.3
- Top
- Bottom
 - Hole
 - 2 × $\varnothing 2.9$
- Front
- Back
- Left
- Right

Additional Information

Quantity 1 Price list by quantity

Find out more about hardening treatment with meviy!

[LEARN MORE](#)

Heat Treatment: None
Through Hardening

Through hardening instruction

Select

☐ None

☐ Conventional Hardening

☒ Vacuum Hardening

Hardness specification (HRC)

58 ~ 63

*If there is a specified value, please enter it.

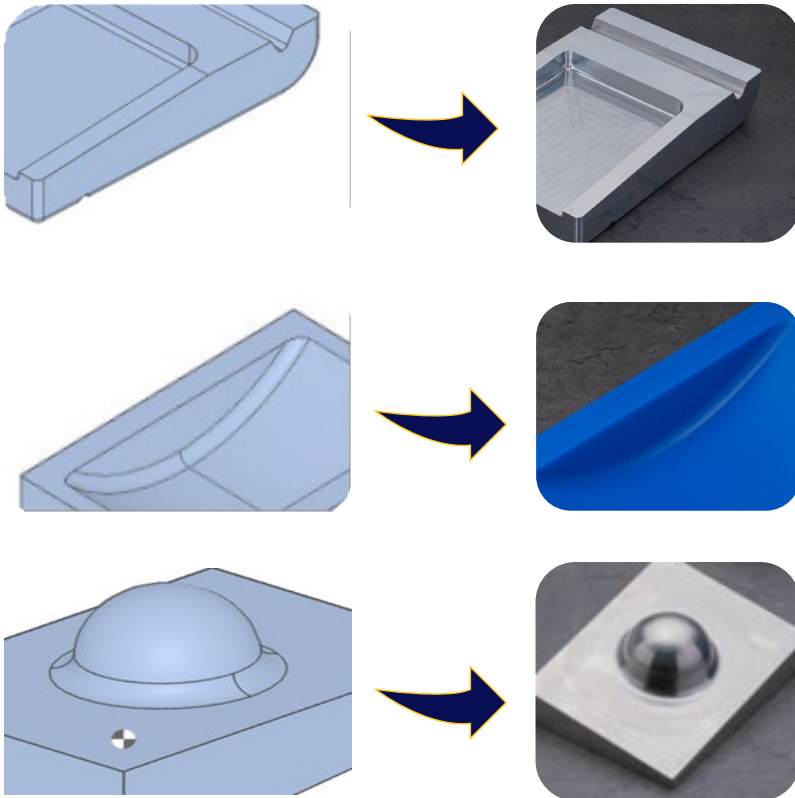
[Through hardening setting method](#)

Update Cancel

CNC Milling: Automatic Quotations On Complex Curved Surface Shapes

You can get **automatic quotations on complex curved surface shapes, inclined planes and bottom radius shapes** on meviy! Previously, those shapes were difficult to estimate. However, As a result, engineers can now enjoy enhanced flexibility in their designs, improving user convenience and streamlining the manufacturing process. Please note that this process will take **approx. 12 minutes per part**.

Shape Examples



Note

1 The quotation process begins automatically after upload. (yellow frame below).

2 After selecting the processing method and clicking on the part, the following message will appear. You may safely navigate away from this screen — the quotation will continue to be processed in the background.

3 To verify that the calculation is complete, open the part in the 3D viewer again. Once completed, the corresponding notification will appear. You can then click "Confirm Quotation Conditions" to view the price and delivery date.

3 Automatic quotation was successful. Please set all quotation conditions and click "Confirm the quotation conditions".

CNC Milling: Express and Rapid Shipping Option

With Rapid Shipment, you can receive your parts as fast as **7 days**, while Express Shipment offers delivery in as fast as **9 days**. Designed to reduce lead times and accommodate urgent design changes, these options ensure faster delivery for your CNC Milling parts.

Quantity 1
Price list by quantity.

Shipping Day(s) (Working days (Mo-Fr) Supplier vacation closedown may affect shipping days. Please check delivery date by creating official quote on Misumi webpage.)

☐ 7 day(s)

MVBLK-SSN-43C-L9YRX-R
Unit Price 24,31€
Total 24,31€

☐ 9 day(s)

MVBLK-SSN-43C-L9YRX-E
Unit Price 19,89€
Total 19,89€

☒ 11 day(s)

MVBLK-SSN-43C-L9YRX
Unit Price 11,05€
Total 11,05€

Standard Shipping

☐ 25 day(s)

MVBLK-SSN-43C-L9YRX-L
Unit Price 9,39€
Total 9,39€

Add to Shopping Cart

Shipping Option	Material	Surface Treatment
Rapid Shipping	EN 1.0038 equiv. EN 1.1206 equiv. EN AW 2017 equiv. EN AW 5052 equiv. EN AW 7075 equiv.	Black Oxide Electroless Nickel Plating
Express Shipping	Steel Stainless Steel Aluminium Plastic	Black Oxide Electroless Nickel Plating Hard Chrome Plating Trivalent Chromate (Clear) Anodise (Clear, Black) Anodise Black (matt)

Find out more about meviy's new shipping options and other exciting topics in our blog!

[LEARN MORE](#)

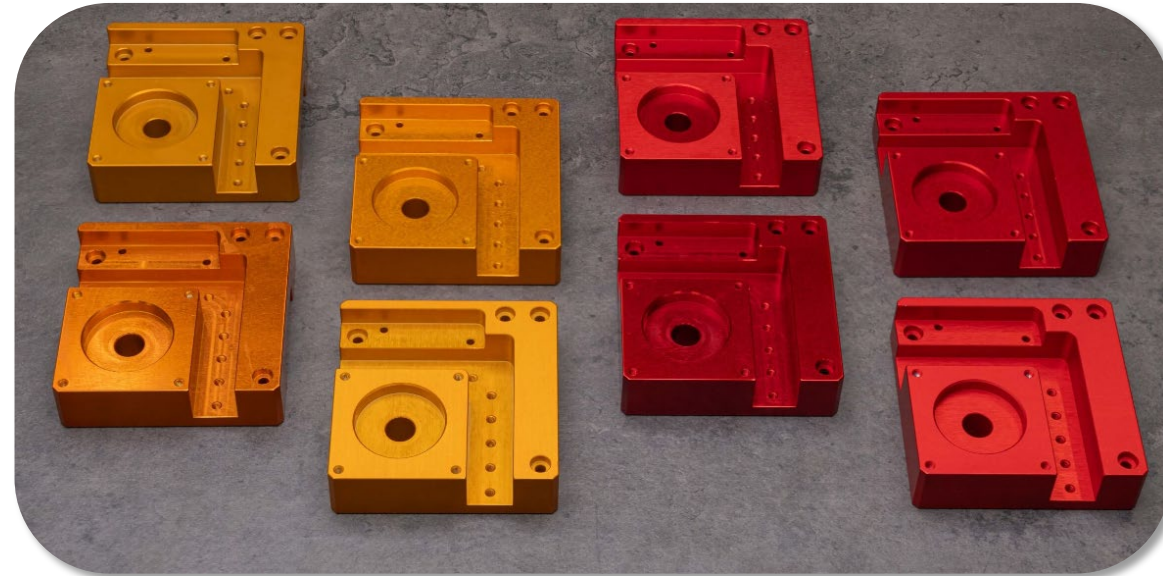
CNC Milling: Automatic Quotation for Red and Gold Anodising Available

Red anodizing has primarily been used for **hazardous areas** within equipment or areas that need to be **highlighted** in industries like electronics, automotive, and consumer goods.

Gold anodizing has been widely used by many customers for applications requiring **aesthetic appeal**.

Find out more about this new release and many other exciting topics on our blog!

[LEARN MORE](#)



Red and Gold Anodised Milled Parts Manufactured by meviy

CNC Milling: New Material and Surface Treatment Options Available

We've introduced **new material** and **surface treatment** options for **milled parts**! These additions provide greater flexibility and enhanced durability, ensuring your parts meet both functional and aesthetic requirements. Explore the new options and take your projects to the next level!

Material

EN 1.4305 equiv. (annealed material)
EN 1.4301 equiv. (annealed material)
EN 1.7220 equiv. (26 to 32 HRC)

Surface Treatment

Hard Anodise (Clear)
LTBC- Surface Treatment
Phosphating (Manganese)

Discover a detailed overview of all available materials and surface treatments for milled parts.

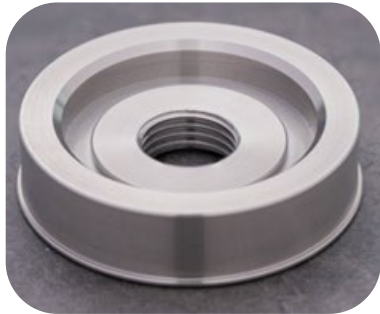
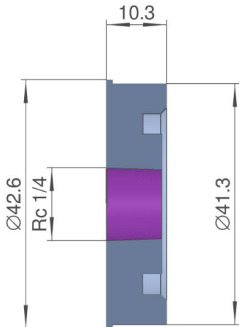

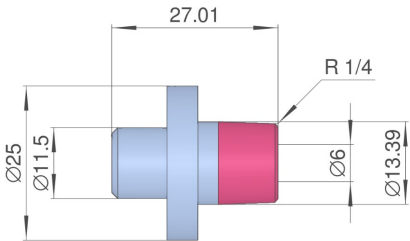
[LEARN MORE](#)

The screenshot displays the configuration interface for CNC-Milling/Turning. The 'Material' dropdown is set to 'New', and the 'Surface Treatment' dropdown is set to 'None'. The 'Option Setting' section includes buttons for 'Add Dimensions', 'Surface Roughness', and 'Details'. The 'Details' section shows a list of materials and surface treatments. The 'Material' dropdown is expanded, showing 'EN 1.4305 equiv.(annealed)' and 'EN 1.4301 equiv.(annealed)' highlighted with red boxes. The 'Surface Treatment' dropdown is also expanded, showing 'LTBC - Surface Treatment' highlighted with a red box.

■ CNC Turning

CNC Turning: Automatic Quotation for Tapered Screw Added

meviy now enables **external** and **internal threading** along the central axis, which is essential for manufacturing pipe components such as joints and plugs. This service is available for a variety of materials, including both **plastics** and **metals**.

		<table><tr><td>Material</td><td>EN 1.4301 equiv.</td></tr><tr><td>Size</td><td>ø42.6×L10.3</td></tr><tr><td>Type of screw</td><td>Rc1/4</td></tr><tr><td>Sales Price</td><td>€ 32.51</td></tr><tr><td>Lead time</td><td>10 days</td></tr></table>	Material	EN 1.4301 equiv.	Size	ø42.6×L10.3	Type of screw	Rc1/4	Sales Price	€ 32.51	Lead time	10 days
Material	EN 1.4301 equiv.											
Size	ø42.6×L10.3											
Type of screw	Rc1/4											
Sales Price	€ 32.51											
Lead time	10 days											
		<table><tr><td>Material</td><td>EN 1.4401 equiv.</td></tr><tr><td>Size</td><td>ø25×L27.01</td></tr><tr><td>Type of screw</td><td>R1/4</td></tr><tr><td>Sales Price</td><td>€ 34.11</td></tr><tr><td>Lead time</td><td>10 days</td></tr></table>	Material	EN 1.4401 equiv.	Size	ø25×L27.01	Type of screw	R1/4	Sales Price	€ 34.11	Lead time	10 days
Material	EN 1.4401 equiv.											
Size	ø25×L27.01											
Type of screw	R1/4											
Sales Price	€ 34.11											
Lead time	10 days											

Automatic Quotation

External screw	Internal screw
R 1/16	Rc 1/16
R 1/8	Rc 1/8
R 1/4	Rc 1/4
R 3/8	Rc 3/8
R 1/2	Rc 1/2
R 3/4	Rc 3/4
R1	Rc 1
R1 1/4	Rc 1 1/4
R1 1/2	Rc 1 1/2

Manual Request

External screw	Internal screw
R2	Rc 2
R2 1/2	Rc 2 1/2
R3	Rc 3
R4	Rc 4
R5	Rc 5
R6	Rc 6
R2	Rc 2
R2 1/2	Rc 2 1/2
R3	Rc 3

[LERAN MORE](#)

CNC Turning: New Heat Treatment Options Added

We now offer a variety of heat treatment options for our turning parts, providing greater flexibility to meet your specific needs.

Conventional Hardening



Vacuum Hardening



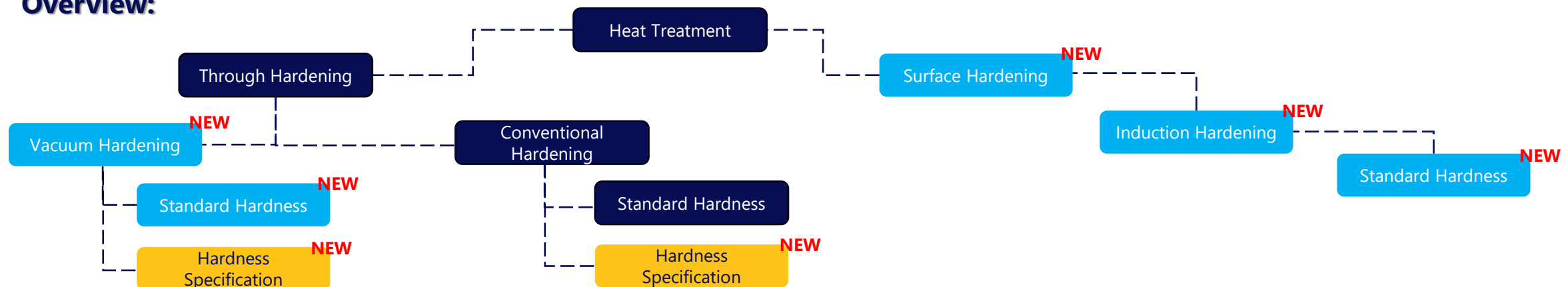
Induction Hardening



Find out how to select different heat treatment options in our meviy application!

[LEARN MORE](#)

Overview:



CNC Turning: New Heat Treatment Options Added

Through Hardening (Conventional Hardening)

Quenching in a general
atmospheric kiln



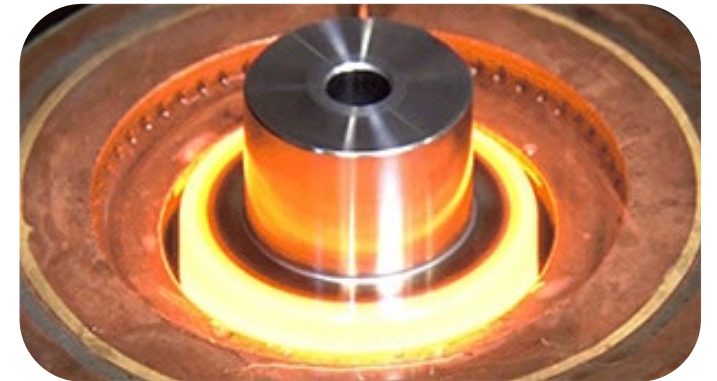
Vacuum Hardening

Quenching using a vacuum kiln



Surface Hardening (Induction Hardening)

Partial and surface
quenching



CNC Turning: Plastic Materials Added

meviy now offers a wide range of plastic materials for turned parts! This expansion provides more flexibility to meet your specific requirements, opening up new possibilities for your projects.

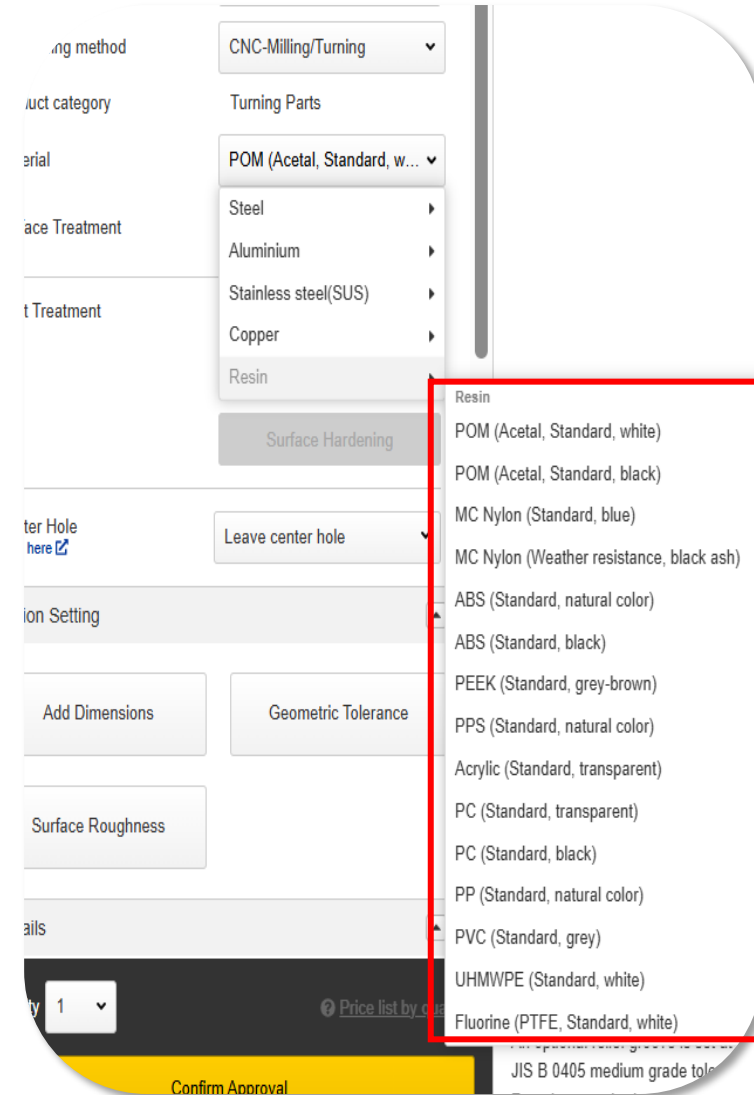
New Plastic Materials

- POM (Acetal, Standard, white)
- POM (Acetal, Standard, black)
- MC Nylon (Standard, blue)
- MC Nylon (Weather resistance, black ash)
- ABS (Standard, black)
- ABS (Standard, natural color)
- PC (Standard, transparent)
- PC (Standard, black)
- PP (Standard, natural color)
- Fluorine (PTFE, Standard, white)
- PEEK (Standard, grey-brown)
- PPS (Standard, natural color)
- Acrylic (Standard, transparent)
- UHMWPE (Standard, white)
- PVC (Standard, grey)

Find out more about plastic materials for turned parts and other exciting topics in our blog!

[TO THE BLOG](#)

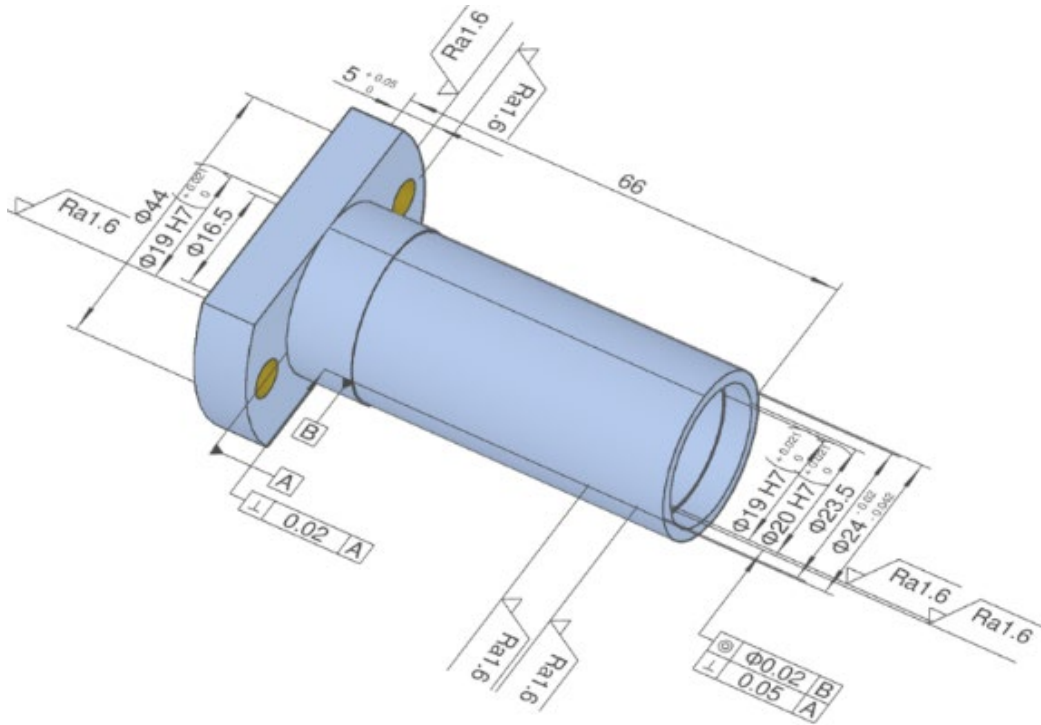
5/14/2025



The screenshot displays a web-based configuration interface for CNC-Milling/Turning. The 'Material' dropdown menu is open, showing a list of materials. The materials listed are: POM (Acetal, Standard, white), POM (Acetal, Standard, black), MC Nylon (Standard, blue), MC Nylon (Weather resistance, black ash), ABS (Standard, natural color), ABS (Standard, black), PEEK (Standard, grey-brown), PPS (Standard, natural color), Acrylic (Standard, transparent), PC (Standard, transparent), PC (Standard, black), PP (Standard, natural color), PVC (Standard, grey), UHMWPE (Standard, white), and Fluorine (PTFE, Standard, white). The materials are grouped under the 'Resin' category. The interface also includes fields for 'Turning method', 'Turning Parts', 'Surface Treatment', 'Heat Treatment', 'Center Hole', 'Hole Setting', 'Add Dimensions', 'Geometric Tolerance', 'Surface Roughness', and 'Details'.

CNC Turning: TP GD&T Geometric Dimensioning & Tolerancing

9 types of geometric tolerances, automatically quoted up to a tolerance range of **0.01**



Geometric Tolerance Type	Symbol	Plane	Cylindrical Surface	Datum	Datum Target Area	Tolerance Value
Flatness		✓	—	—	Surface	0.01 ~ 0.1
Parallelism		✓	—	Necessary	Surface	0.01 ~ 0.1
Perpendicularity		✓	✓	Necessary	Surface	0.01 ~ 0.1
Circularity		—	✓	—	Surface	0.01 ~ 0.1
Concentricity		—	✓	Necessary	Surface	0.01 ~ 0.1
Straightness		—	✓	—	Surface	0.01 ~ 0.1
Cylindricity		—	✓	—	Surface	0.01 ~ 0.1
Circular Round		—	✓	Necessary	Surface	0.01 ~ 0.1
Total Runout		—	✓	Necessary	Surface	0.01 ~ 0.1

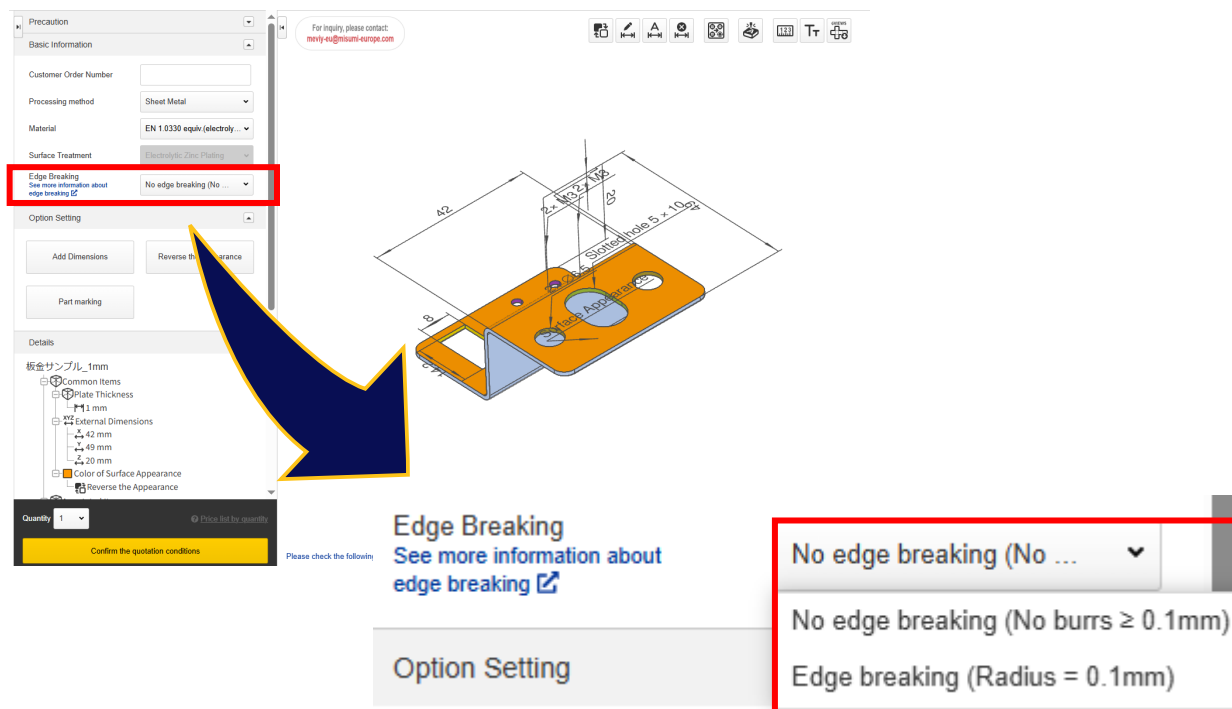
HOW TO SET

LEARN MORE

■ Sheet Metal

Sheet Metal: Additional Edge Breaking Options

While our process already ensures burrs of **0.1mm** or **less**,
this new feature allows you to select an equivalent radius of 0.1mm or less for even **smoother edges!**



Material	Surface Treatment	Sheet Thickness (mm)
EN 1.0330 equiv. [EN 1.0320 equiv. (hot coiled)] EN 1.0038 equiv.	-	0.8 1.0 1.2 1.6 2.0 2.3 3.2 4.5 6.0 9.0 10.0 12.0 16.0
	Paint	0.8 1.0 1.2 1.6 2.0 2.3 3.2 4.5 6.0
	Electroless Nickel Plating	0.8 1.0 1.2 1.6 2.0 2.3 3.2 4.5 6.0 9.0
	Black Oxide	
	Trivalent Chromate (Clear)	0.8 1.0 1.2 1.6 2.0 2.3 3.2 4.5 6.0 9.0
EN 1.0330 equiv.	Trivalent Chromate (Black)	
	Electrolytic Zinc Plating	0.8 1.0 1.2 1.6 2.0 2.3 3.2
EN 1.4301 equiv.	2B	0.8 1.0 1.2 1.5 2.0 2.5 3.0 4.0 5.0 6.0
	No. 1	9.0 10.0 12.0
EN 1.4106 equiv.	2B	0.8 1.0 1.2 15 2.0 3.0

The price varies based on size.
E.g., for a length of 10mm < X < 300mm → Approx. €3.

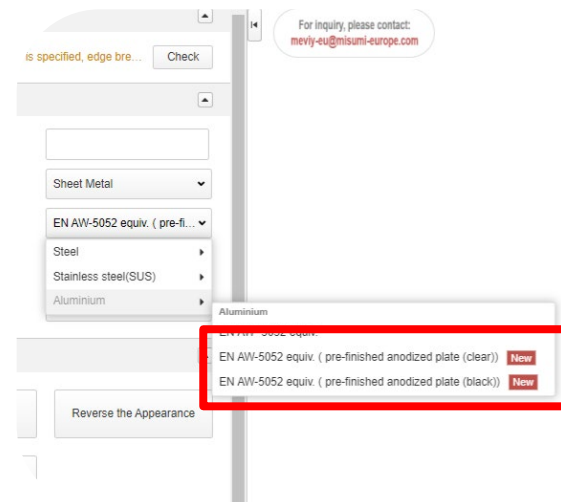
[TO THE BLOG](#)

Sheet Metal: Pre-Anodised Plates Available

We're excited to expand our capabilities and now offer anodising for sheet metal parts. This brings the same protection, durability, and aesthetic customization previously available for sheet metal components, ideal for enclosures, panels, and housings.



Pre-Anodised Sheet Metal Parts Manufactured by meviy



Appearance in the meviy Application

Find out more about meviy's new options for anodising and other exciting topics in our blog!

LEARN MORE

meviy.misumi-ec.com/en_gb-gb/

