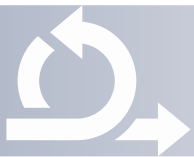


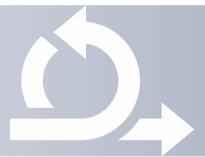
HPC - HSC - TSC MILLS

HBmicrotec[®]
ACTIONTOOLS & ENGINEERING



ACTIONMILL[®]
by HB microtec High Performance Cutting (HPC)

ACTIONMILL[®]
by HB microtec High Speed Cutting (HSC)



ACTIONMILL[®]
by HB microtec Trochoidal Speed Cutting (TSC)

ACTIONMILL[®]
by HB microtec Multifunctional Performance Cutting (MFPC)



View the digital
catalog



Now available!



Why HB microtec?

"Install and ACTION!"

Because this is exactly what the worry-free cutting tools of the ACTIONMILL® range make possible! Or tools from the TARGETMILL® range that hit the target precisely!

High performance down to the last µm!

This way, the cost-benefit factor is perfectly tailored to you. Demanding and innovative high-performance mills of the highest quality require continuity not only in production, but from the entire HB microtec team!

Repeatable!

This covers the entire process chain, from geometry development and design to the pre-treatment of the cutting edges, coating and finishing of the surfaces right through to the quality assurance of our ACTIONMILL® and TARGETMILL® tools.



What to expect from the entire HB microtec team:

- Innovative specialists in "micro" machining
- State-of-the-art manufacturing equipment and measuring instruments, enabling production in the micron range
- Motivation and passion for challenges
- Repeated precision in the µm range
- Practical service: the HB microtec team accompanies and supports you in all phases and throughout the entire life cycle of your product
- High tool performance and high service competence
- Ideas for customer-specific solutions, e.g. combination tools that often replace a number of individual tools and shorten machining time
- The highest possible standards of product quality
- Securing your series tools and traceability (ISO 9001 certified)

ACTIONMILL®
by HB microtec



Standard Range

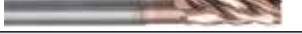
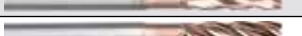
As specialists in machining, we consistently present pioneering manufacturing processes and tools for medical technology, aerospace, tool and mold making, as well as for the hydraulics and automotive industries – especially when components need to be manufactured from hard, heat-resistant, and abrasive materials such as cobalt-chrome, nickel, and titanium alloys.

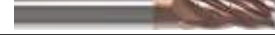
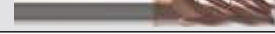
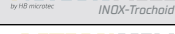
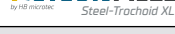
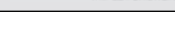
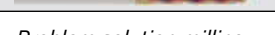
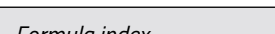
Our standard range includes tools for milling, drilling and deburring. Our aim is to create measurable added value for our customers with our tools. We continuously develop these tools further and expand the product lines with additional variants and new products.

This is achieved far more economically and reliably than before with our new standard tools. Customers can rely on our outstanding expertise. Our highly trained and highly motivated specialists focus their know-how and qualifications on developing innovative and forward-looking machining solutions and putting them into practice for the benefit of our customers. Together with our customers, we develop forward-looking tool technologies, carefully matching substrates, geometries and coatings to the respective requirements. We focus on rotationally symmetrical tools from 0.1 to 16 mm in diameter.

Maximum machining accuracy and process reliability are our top priorities.



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		2xD Steel-Trochoid toric	132
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Standard milling tools

ACTIONMILL INOX Cord cooled

Ø 4.0 - Ø 12.0 Y-IK (2xD)



Overview:

- High-performance cord mill from Ø4 to Ø12
- Y-shaped integrated cooling
- Roughing of demanding materials such as titanium or INOX
- Short chips increase service life
- Short process times and high process reliability
- Chrome-free coating prevents cross-contamination with medical parts

Page 16

ACTIONMILL INOX Cord

Ø 4.0 - Ø 12.0 (2xD)



Overview:

- High-performance cord mill from Ø4 to Ø12
- Roughing of demanding materials such as titanium or INOX
- Short chips increase service life
- Short process times and high process reliability
- Chrome-free coating prevents cross-contamination with medical parts

Page 20

ACTIONMILL INOX HPC cooled

Ø 4.0 - Ø 12.0 Y-IK (2xD)



Overview:

- High-performance HPC mill from Ø4 to Ø12
- Y-shaped integrated cooling
- Roughing and finishing of demanding materials such as titanium or INOX
- Universally applicable
- Long service life and process reliability
- Chrome-free coating prevents cross-contamination with medical parts

Page 24

ACTIONMILL INOX HPC

Ø 4.0 - Ø 12.0 (2xD)



Overview:

- High-performance HPC mill from Ø4 to Ø12
- Roughing and finishing of demanding materials such as titanium or INOX
- Universally applicable
- Long service life and process reliability
- Chrome-free coating prevents cross-contamination with medical parts

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Standard milling tools

ACTIONMILL GRIZZLY Groover

Ø 4.0 - Ø 16.0



Overview:

- High-performance HPC mill from Ø4 to Ø12
- Roughing & finishing of demanding materials such as CoCr or INOX
- Long tool life and process reliability
- Universally applicable
- Perfect price-performance ratio

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ACTIONMILL INOX Finish cooled

Ø 4.0 - Ø 16.0 Y-IK (2xD & 3xD)



Overview:

- High-performance HSC mill from Ø4 to Ø16
- Y-shaped integrated cooling
- Protected and sharp mill corner
- Can be used for TSC milling
- Long service life and process reliability when finishing
- Chrome-free coating prevents cross-contamination with medical parts
- Roughing of demanding materials such as titanium or INOX

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ACTIONMILL Alu Finish cooled

Ø 4.0 - Ø 16.0 Y-IK (2xD & 3xD)



Overview:

- High-performance HSC mill from Ø4 to Ø16
- Y-shaped integrated cooling
- Protected and sharp mill corner
- Can be used for TSC milling
- Long service life and process reliability when finishing
- Chrome-free coating prevents cross-contamination with medical parts
- Finishing of demanding materials such as pure titanium and aluminum alloys

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ACTIONMILL Steel Finish cooled

Ø 4.0 - Ø 16.0 Y-IK (2xD & 3xD)



Overview:

- High-performance HSC mill from Ø4 to Ø16
- Y-shaped integrated cooling
- Protected and sharp mill corner
- Can be used for TSC milling
- Long service life and process reliability when finishing
- Chrome-free coating prevents cross-contamination with medical parts
- Finishing of demanding materials such as high-alloy Cr steels

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Standard milling tools

ACTIONMILL INOX Finish

Ø 4.0 - Ø 16.0 (2xD & 3xD)



Overview:

- High-performance HSC mill from Ø4 to Ø16
- Protected and sharp mill corner
- Can be used for TSC milling
- Long service life and process reliability when finishing
- Chrome-free coating prevents cross-contamination with medical parts
- Roughing of demanding materials such as titanium or INOX

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ACTIONMILL Alu Finish

Ø 4.0 - Ø 16.0 (2xD & 3xD)



Overview:

- High-performance HSC mill from Ø4 to Ø16
- Protected and sharp mill corner
- Can be used for TSC milling
- Long service life and process reliability when finishing
- Chrome-free coating prevents cross-contamination with medical parts
- Finishing of demanding materials such as pure titanium and aluminum alloys

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ACTIONMILL Steel Finish

Ø 4.0 - Ø 16.0 (2xD & 3xD)



Overview:

- High-performance HSC mill from Ø4 to Ø16
- Protected and sharp mill corner
- Can be used for TSC milling
- Long service life and process reliability when finishing
- Chrome-free coating prevents cross-contamination with medical parts
- Finishing of demanding materials such as high-alloy Cr steels

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ACTIONMILL INOX Finish XL & XXL

Ø 4.0 - Ø 16.0 (4xD & 5xD)



Overview:

- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- High-quality and precise surfaces
- Long service life and process reliability
- Finishing of demanding materials such as pure titanium and aluminum alloys
- Finishing of demanding materials such as CoCr or INOX

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Standard milling tools

ACTIONMILL Alu Finish XL & XXL

Ø 4.0 - Ø 16.0 (4xD & 5xD)



Overview:

- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- High-quality and precise surfaces
- Long service life and process reliability
- Finishing of demanding materials such as pure titanium and aluminum alloys

Page 74

ACTIONMILL Steel Finish XL & XXL

Ø 4.0 - Ø 16.0 (4xD & 5xD)



Overview:

- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- High-quality and precise surfaces
- Long service life and process reliability
- Finishing of demanding materials such as high-alloy Cr steels

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ACTIONMILL INOX Trochoid cooled

Ø 4.0 - Ø 16.0 Y-IK (2xD & 3xD)



Overview:

- High-performance HTC milling cutter from Ø4 to Ø16
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

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ACTIONMILL Alu Trochoid cooled

Ø 4.0 - Ø 16.0 Y-IK (2xD & 3xD)



Overview:

- High-performance HTC milling cutter from Ø4 to Ø16
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

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Standard milling tools

ACTIONMILL Steel Trochoid cooled

Ø 4.0 - Ø 16.0 Y-IK (2xD & 3xD)

Overview:

- High-performance HTC milling cutter from Ø4 to Ø16
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner



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ACTIONMILL INOX Trochoid

Ø 4.0 - Ø 16.0 (2xD & 3xD)

Overview:

- High-performance HTC milling cutter from Ø4 to Ø16
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner



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ACTIONMILL Alu Trochoid

Ø 4.0 - Ø 16.0 (2xD & 3xD)

Overview:

- High-performance HTC milling cutter from Ø4 to Ø16
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner



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ACTIONMILL Steel Trochoid

Ø 4.0 - Ø 16.0 (2xD & 3xD)

Overview:

- High-performance HTC milling cutter from Ø4 to Ø16
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner



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Standard milling tools

ACTIONMILL INOX Trochoid XL & XXL

Ø 4.0 - Ø 16.0 (4xD & 5xD)

Overview:

- High-performance HTC milling cutter from Ø4 to Ø16
- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner



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ACTIONMILL Alu Trochoid XL & XXL

Ø 4.0 - Ø 16.0 (4xD & 5xD)

Overview:

- High-performance HTC milling cutter from Ø4 to Ø16
- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner



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ACTIONMILL Steel Trochoid XL & XXL

Ø 4.0 - Ø 16.0 (4xD & 5xD)

Overview:

- High-performance HTC milling cutter from Ø4 to Ø16
- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner



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ACTIONMILL TRIPLE FUNCTION

Ø 4.0 - Ø 16.0

Overview:

- Triple function from Ø3 to Ø16, customized for the specific application
- Shorter processing times
- Greater process reliability
- Increased machine capacity
- Improved quality
- Perfect price-performance ratio



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Description

The HB microtec® ACTIONMILL® INOX-CORD/-HPC/-Finish/-Trochoid mills are perfectly adapted to their respective tasks. Thanks to their geometries with internal cooling, all four mill types are suitable for all titanium and stainless steel alloys. The mills stand out for their exceptionally long tool life.

Sophisticated, specially developed geometries combined with very smooth surfaces, a high-performance coating and an ultra-fine-grain solid carbide with internal cooling channels make the ACTIONMILL® a best-performance mill. Thanks to the cord profile, the four-flute ACTIONMILL® INOX-CORD cooled generates less cutting pressure and thus places less stress on the component.

A major advantage is the particularly short chips, which are much easier to remove, increasing process reliability. Users value the universal applicability of the mills, whether titanium G5 (Ti6Al4V) or X20Cr13 (1.4021), also known as AISI 420. All three mills offer the best performance for all INOX and TITANIUM alloys and save the user from stocking different roughing, HPC and finishing mills with different cutting edge geometries for machining these material groups. By eliminating tool changes and work steps, main and non-productive times can be shortened and productivity increased.

The mills of the ACTIONMILL® series are available in various diameters and radii, offering the optimal tool for every machining task.

The specific tool properties of the mills result from the geometry, the coating, the carbide substrate, the edge preparation and the internal cooling. All of these features affect tool life and performance. To meet the requirements of trochoidal machining even better, the HB microtec solid carbide end mills ACTIONMILL® Finish cooled and Finish XL have been further optimized and provided with a chip splitter geometry.

This led to the new ACTIONMILL® INOX-Trochoid cooled and ACTIONMILL® INOX-Trochoid XL. These trochoidal mills feature vibration-damping characteristics such as unequal spacing, unequal helix angles, a new cutting edge geometry and newly developed edge rounding in the micrometer range, including for the chip splitters. The newly developed chip splitters reduce the axial pull-out force of the tool and minimize the risk of chip jams in pockets. The short chips are easily removed with compressed air, oil or emulsion, preventing them from being repeatedly drawn through (ground up). HB microtec will be happy to develop custom mills for you that are always geared to the machining task.

BEFORE



AFTER



Cutting edge and surface in detail



INOX-CORD cooled

Corner radius ER 0.3 for
Ø 4 and ER 0.5 from Ø 6
protects the cutting edge.

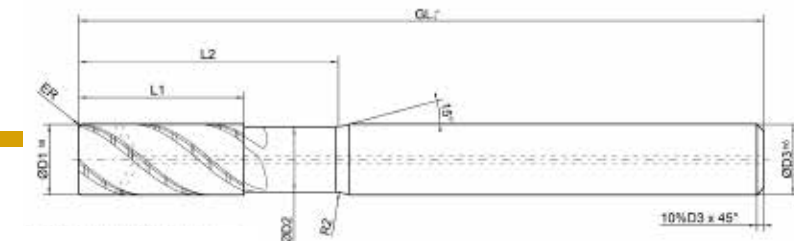
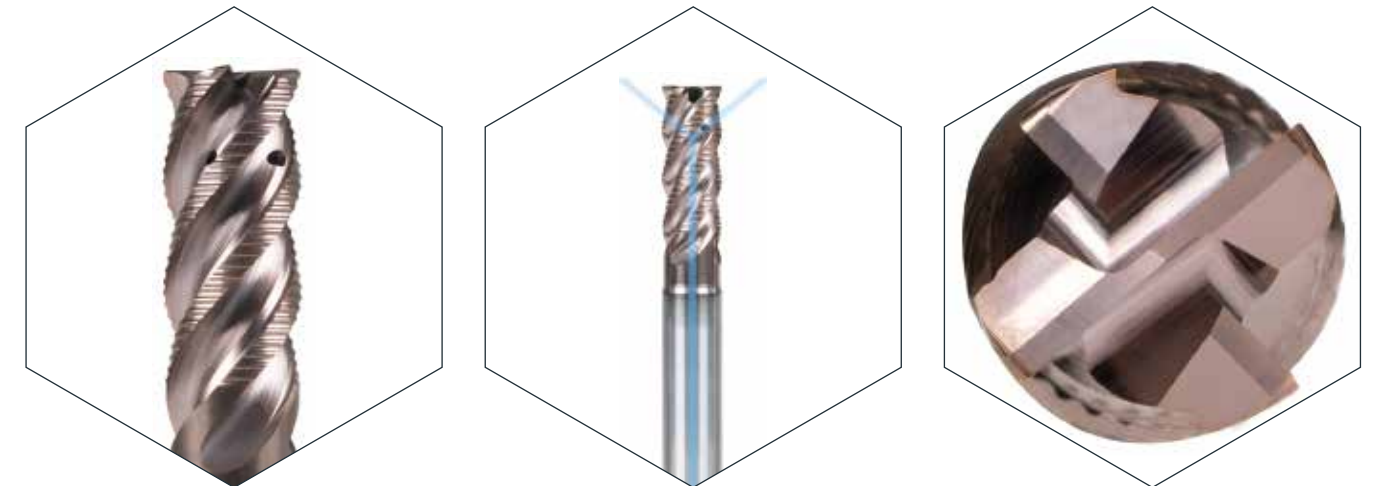
From Ø 4 to Ø 12 with 4
flutes.

Y-shaped cooling channels
protect against overhea-
ting.

The high-performance
α-INOX coating guaran-
tees a long tool life and
prevents the cutting edge
from sticking.

Surface-treated cord
geo- metry (edge
preparation).

Solid carbide - thermal shock
resistant in ultra-fine grain
with high fracture toughness.



☐ Order

Order number: _____

☐ Inquiry

Dimensions:

D1: _____ GL: _____ ER: _____

D2: _____ L1: _____ Z: _____

D3: _____ L2: _____

Coating:

☐ Coated*: _____

☐ Uncoated

Cooling channels:

☐ Yes ☐ No

Cutting direction:

☐ Left ☐ Right

Material to be machined:

Shank shape:

Quantity:

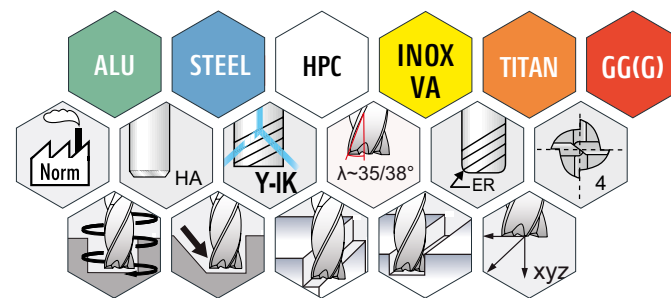
Date, signature & company stamp:

Contact person:

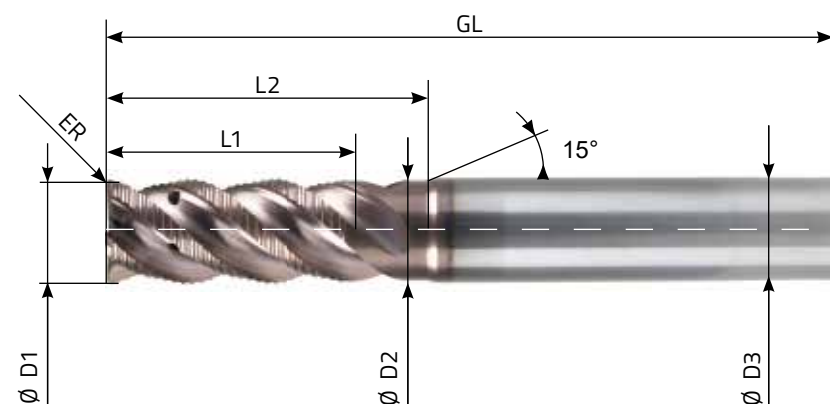
* Without further information, the most suitable coating will be used.



INOX-CORD cooled



ACTIONMILL L1: 10.0 mm D3: 6.0 mm
AM.CORD.04.10.06.IK ← Internal cooling
Product name D1: 4.0 mm



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- High-performance cord mill from Ø4 to Ø12
- Roughing of demanding materials such as CoCr or INOX
- Short chips increase tool life
- High performance
- Perfect price-performance ratio

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	GL (mm)	HB-Shank
AM.CORD.03968.10.06.IK	Ø 3.968	5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.30	58.00	.HB
AM.CORD.04.10.06.IK	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.30	58.00	.HB
AM.CORD.04762.14.06.IK	Ø 4.762	3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.30	58.00	.HB
AM.CORD.05.14.06.IK	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.30	58.00	.HB
AM.CORD.05556.14.06.IK	Ø 5.556	7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.50	58.00	.HB
AM.CORD.06.14.06.IK	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.50	58.00	.HB
AM.CORD.0635.14.08.IK	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.50	64.00	.HB
AM.CORD.7144.18.08.IK	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.CORD.7938.18.08.IK	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.CORD.08.18.08.IK	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.CORD.9525.22.10.IK	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.50	73.00	.HB
AM.CORD.10.22.10.IK	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.50	73.00	.HB
AM.CORD.111125.26.12.IK	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.50	84.00	.HB
AM.CORD.12.26.12.IK	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.50	84.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.CORD.04.10.06.IK.HB

Available from stock



INOX-CORD

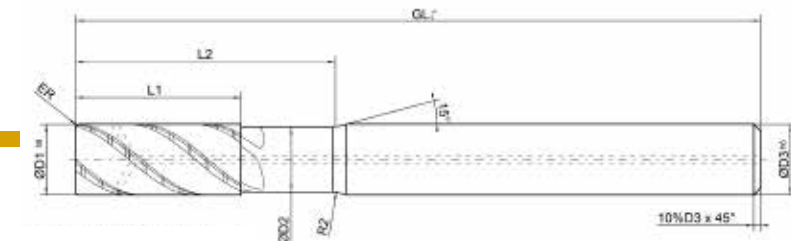
Corner radius ER 0.3 for
Ø 4 and ER 0.5 from Ø 6
protects the cutting edge.

From Ø 4 to Ø 12 with 4
flutes.

The high-performance
α-INOX coating guaran-
tees a long tool life and
prevents the cutting edge
from sticking.

Surface-treated cord
geo- metry (edge
preparation).

Solid carbide - thermal shock
resistant in ultra-fine grain
with high fracture toughness.



☐ Order

Order number: _____

☐ Inquiry

Dimensions:

D₁: _____ GL: _____ ER: _____

D₂: _____ L₁: _____ Z: _____

D₃: _____ L₂: _____

Coating:

☐ Coated*: _____

☐ Uncoated

Cooling channels:

☐ Yes ☐ No

Cutting direction:

☐ Left ☐ Right

Material to be machined:

Shank shape:

Quantity:

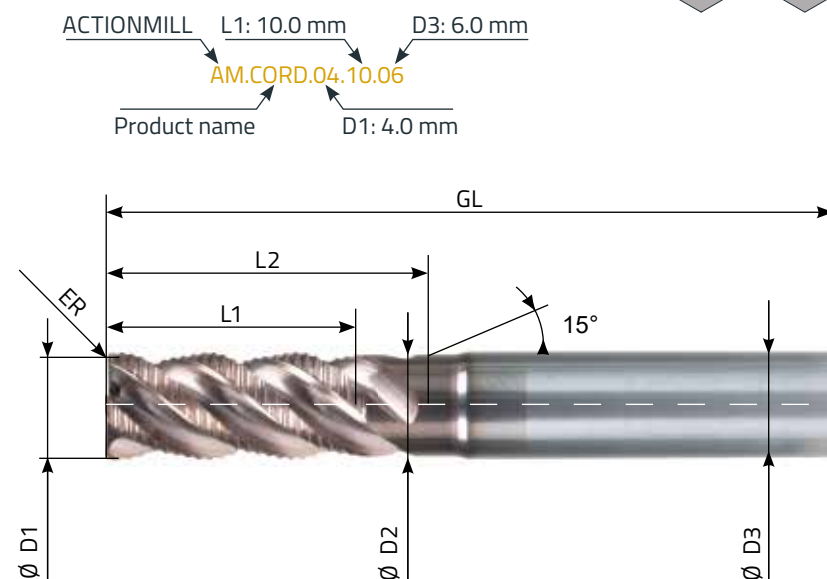
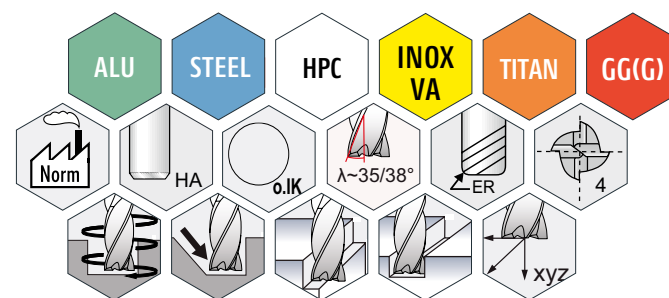
Date, signature & company stamp:

Contact person:

* Without further information, the most suitable coating will be used.



INOX-CORD



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- High-performance cord mill from Ø4 to Ø12
- Roughing of demanding materials such as CoCr or INOX
- Short chips increase tool life
- High performance
- Perfect price-performance ratio

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	GL (mm)	HB-Shank
AM.CORD.03968.10.06	Ø 3.968	5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.30	58.00	.HB
AM.CORD.04.10.06	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.30	58.00	.HB
AM.CORD.04762.14.06	Ø 4.762	3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.30	58.00	.HB
AM.CORD.05.14.06	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.30	58.00	.HB
AM.CORD.05556.14.06	Ø 5.556	7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.50	58.00	.HB
AM.CORD.06.14.06	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.50	58.00	.HB
AM.CORD.0635.14.08	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.50	64.00	.HB
AM.CORD.7144.18.08	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.CORD.7938.18.08	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.CORD.08.18.08	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.CORD.9525.22.10	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.50	73.00	.HB
AM.CORD.10.22.10	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.50	73.00	.HB
AM.CORD.111125.26.12	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.50	84.00	.HB
AM.CORD.12.26.12	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.50	84.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.CORD.04.10.06.HB

Available from stock



INOX-HPC cooled

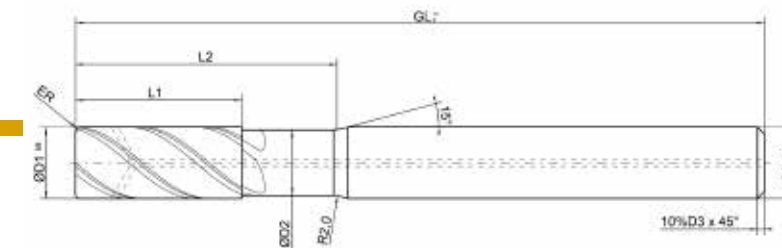
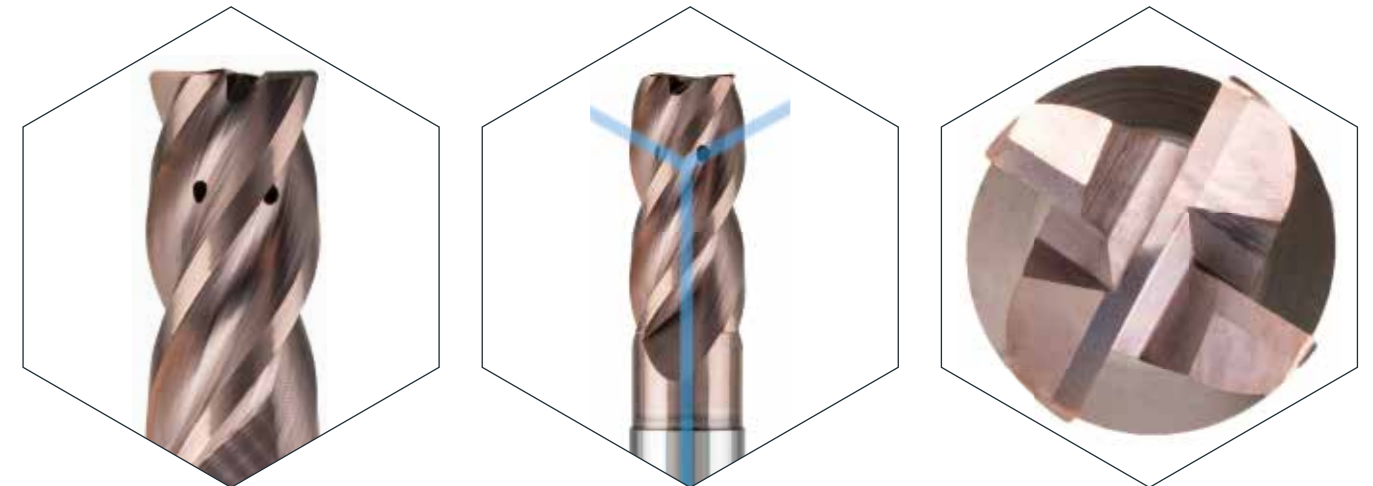
Corner radius ER 0.3 for
Ø 4 and ER 0.5 from Ø 6
protects the cutting edge.

Y-shaped cooling channels
protect against overhea-
ting.

From Ø 4 to Ø 12 with 4
flutes.

The high-performance
α-INOX coating guaran-
tees a long tool life and
prevents the cutting edge
from sticking.

Solid carbide - thermal shock
resistant in ultra-fine grain
with high fracture toughness.



☐ Order

Order number: _____

☐ Inquiry

Dimensions:

D₁: _____ GL: _____ ER: _____
D₂: _____ L₁: _____ Z: _____
D₃: _____ L₂: _____

Coating:

☐ Coated*
☐ Uncoated

Cooling channels:

☐ Yes ☐ No

Cutting direction:

☐ Left ☐ Right

Material to be machined:

Shank shape:

Quantity:

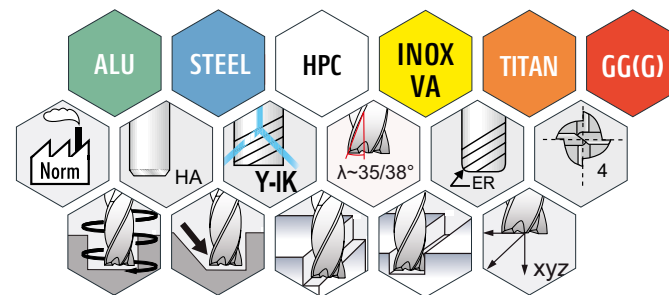
Date, signature & company stamp:

Contact person:

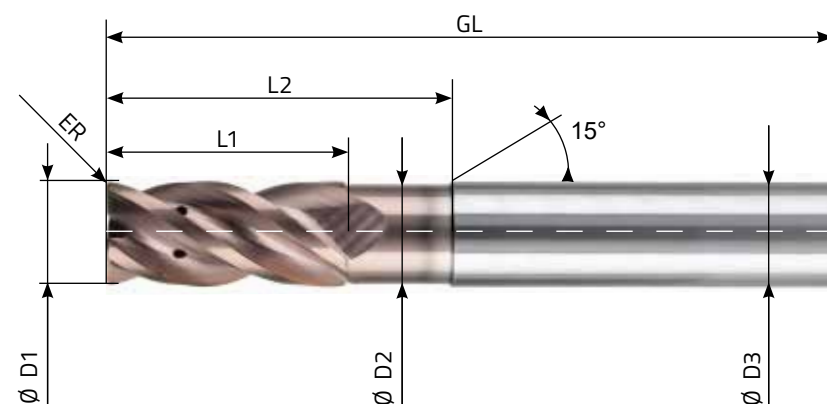
* Without further information, the most suitable coating will be used.



INOX-HPC cooled



ACTIONMILL L1: 10.0 mm D3: 6.0 mm
AM.HPC.04.10.06.IK ← Internal cooling
Product name D1: 4.0 mm



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- High-performance HPC mill from Ø4 to Ø12
- Roughing & finishing of demanding materials
such as CoCr or INOX
- Long tool life and process reliability
- Universally applicable
- Perfect price-performance ratio

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	GL (mm)	HB-Shank
AM.HPC.03968.10.06.IK	Ø 3.968	5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.30	58.00	.HB
AM.HPC.04.10.06.IK	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.30	58.00	.HB
AM.HPC.04762.14.06.IK	Ø 4.762	3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.30	58.00	.HB
AM.HPC.05.14.06.IK	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.30	58.00	.HB
AM.HPC.05556.14.06.IK	Ø 5.556	7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.50	58.00	.HB
AM.HPC.06.14.06.IK	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.50	58.00	.HB
AM.HPC.0635.14.08.IK	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.50	64.00	.HB
AM.HPC.7144.18.08.IK	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.HPC.7938.18.08.IK	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.HPC.08.18.08.IK	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.HPC.9525.22.10.IK	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.50	73.00	.HB
AM.HPC.10.22.10.IK	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.50	73.00	.HB
AM.HPC.111125.26.12.IK	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.50	84.00	.HB
AM.HPC.12.26.12.IK	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.50	84.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.HPC.04.10.06.IK.HB

Available from stock



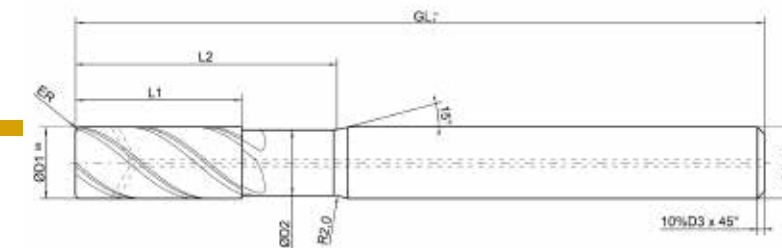
INOX-HPC

Corner radius ER 0.3 for
Ø 4 and ER 0.5 from Ø 6
protects the cutting edge.

From Ø 4 to Ø 12 with 4
flutes.

The high-performance
α-INOX coating guaran-
tees a long tool life and
prevents the cutting edge
from sticking.

Solid carbide - thermal shock
resistant in ultra-fine grain
with high fracture toughness.



☐ Order

Order number: _____

☐ Inquiry

Dimensions:

D₁: _____ GL: _____ ER: _____
D₂: _____ L₁: _____ Z: _____
D₃: _____ L₂: _____

Coating:

☐ Coated*: _____
☐ Uncoated

Cooling channels:

☐ Yes ☐ No

Cutting direction:

☐ Left ☐ Right

Material to be machined:

Shank shape:

Quantity:

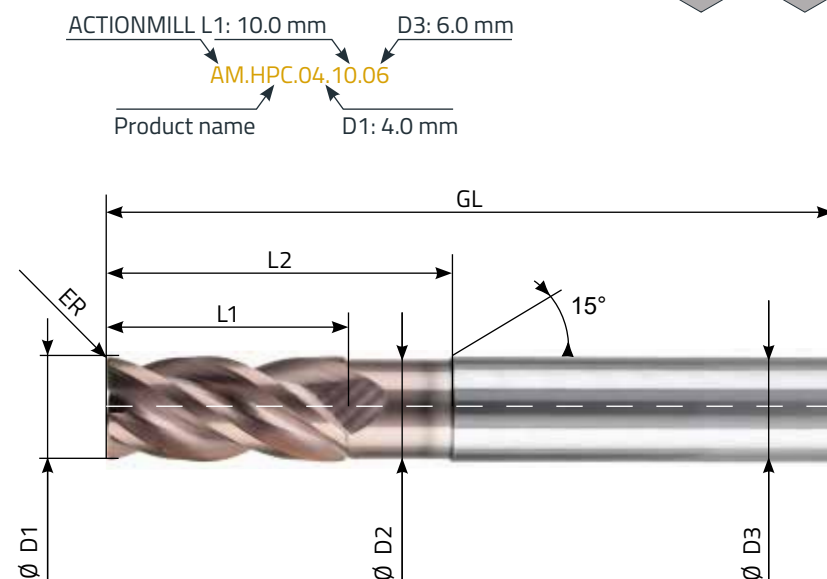
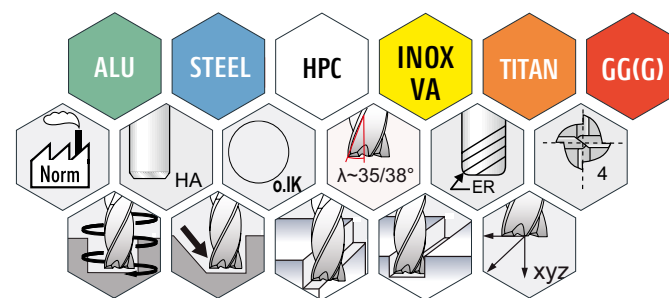
Date, signature & company stamp:

Contact person:

* Without further information, the most suitable coating will be used.



INOX-HPC



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- High-performance HPC mill from Ø4 to Ø12
- Roughing & finishing of demanding materials
such as CoCr or INOX
- Long tool life and process reliability
- Universally applicable
- Perfect price-performance ratio

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	GL (mm)	HB-Shank
AM.HPC.03968.10.06	Ø 3.968	5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.30	58.00	.HB
AM.HPC.04.10.06	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.30	58.00	.HB
AM.HPC.04762.14.06	Ø 4.762	3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.30	58.00	.HB
AM.HPC.05.14.06	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.30	58.00	.HB
AM.HPC.05556.14.06	Ø 5.556	7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.50	58.00	.HB
AM.HPC.06.14.06	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.50	58.00	.HB
AM.HPC.0635.14.08	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.50	64.00	.HB
AM.HPC.7144.18.08	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.HPC.7938.18.08	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.HPC.08.18.08	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.50	64.00	.HB
AM.HPC.9525.22.10	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.50	73.00	.HB
AM.HPC.10.22.10	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.50	73.00	.HB
AM.HPC.111125.26.12	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.50	84.00	.HB
AM.HPC.12.26.12	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.50	84.00	.HB

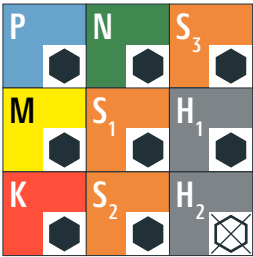
■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.HPC.04.10.06.HB

Available from stock





INOX-CORD / INOX-CORD cooled
INOX-HPC / INOX-HPC cooled



Material group	Material group	Mat. no.	DIN	AISI/ASTM/UNS
P	Steels up to RM < 1200N/mm²	1.0044	S275JR	AISI 1020
		1.0715	11SMn30	AISI 1215
		1.7131	16MnCr5	AISI 5115
		1.3505	100Cr6	AISI 52100
		1.7225	42CrMo4	AISI 4140
M	Stainless steels: ferritic, martensitic, austenitic	1.4034	X46Cr13	AISI 420C
		1.4542	X5CrNiCuNb 16-4	AISI 630 / ASTM 17-4 PH
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH
		1.4301	X5CrNi 18-10	AISI 304
		1.4435	X2CrNiMo 18-14-3	AISI 316L
K	Cast iron	0.6020	GG20	ASTM 30
		0.6030	GG30	ASTM 40B
		0.7040	GGG40	ASTM 60-40-18
		0.7060	GGG60	ASTM 80-60-03
N	Non-ferrous metals	3.2315	AlMgSi1	ASTM 6351
		2.0065	Cu-ETP / CW004A	UNS C11000
		2.0321	CuZn37 CW508L	UNS C27400
		2.0401	CuZn39Pb3 / CW614N	UNS C38500
		2.0966	CuAl10Ni5Fe4	UNS C63000
S (S1, S2, S3)	Heat-resistant steels, titanium, CrCo	2.4617	NiMo28	Hastelloy B-2
		2.4665	NiCr22Fe18Mo	Hastelloy X
		3.7165	TiAl6V4	ASTM B348 / F136
		9.9367	TiAl6Nb7	ASTM F1295
		2.4964	CoCr20W15Ni	Haynes 25
			CrCoMo28	ASTM F1537
H	Hardened steels ≥ 55 HRC	1.2510	100MnCrMoW4	AISI O1
		1.2379	X153CrMoV12	AISI D2

Recommended use Highly suitable Partially suitable Not recommended

ap=1xD from Ø 4.0 mm		ap=1xD from Ø 6.0 mm		ap=1xD from Ø 8.0 mm		ap=1xD from Ø 10 mm		ap=1xD from Ø 12 mm	
vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]
100-140	0.02 - 0.035	100-140	0.03 - 0.045	100-140	0.05 - 0.065	100-140	0.06 - 0.075	100-140	0.07 - 0.085
100-140	0.02 - 0.03	100-140	0.03 - 0.04	100-140	0.05 - 0.055	100-140	0.06 - 0.065	100-140	0.07 - 0.075
80-110	0.02 - 0.03	80-110	0.035 - 0.045	80-110	0.045 - 0.055	80-110	0.055 - 0.065	80-110	0.065 - 0.075
70-100	0.015 - 0.025	70-100	0.035 - 0.045	70-100	0.045 - 0.055	70-100	0.055 - 0.065	70-100	0.065 - 0.075
80-140	0.02 - 0.04	80-140	0.04 - 0.055	80-140	0.05 - 0.065	80-140	0.06 - 0.065	80-140	0.065 - 0.085
80-160	0.02 - 0.04	80-160	0.035 - 0.06	80-160	0.055 - 0.06	80-160	0.055 - 0.06	80-160	0.065 - 0.075
80-140	0.02 - 0.045	80-140	0.035 - 0.06	80-140	0.055 - 0.06	80-140	0.055 - 0.06	80-140	0.065 - 0.08
80-120	0.02 - 0.045	80-120	0.035 - 0.06	80-120	0.055 - 0.06	80-120	0.055 - 0.06	80-120	0.065 - 0.085
50 - 80	0.02 - 0.03	50 - 80	0.03 - 0.04	50 - 80	0.03 - 0.05	50 - 80	0.04 - 0.06	50 - 80	0.05 - 0.07
50-80	0.02 - 0.03	50-80	0.03 - 0.04	50-80	0.03 - 0.05	50-80	0.04 - 0.06	50-80	0.05 - 0.07
50-80	0.02 - 0.03	50-80	0.03 - 0.04	50-80	0.03 - 0.05	50-80	0.04 - 0.06	50-80	0.05 - 0.07
no data available									
no data available									

GRIZZLY Groover

Protected corner radius thanks to sophisticated cutting edge protection

Highly efficient cutting edge preparation according to HB microtec standard

Optimized coating for universal use.

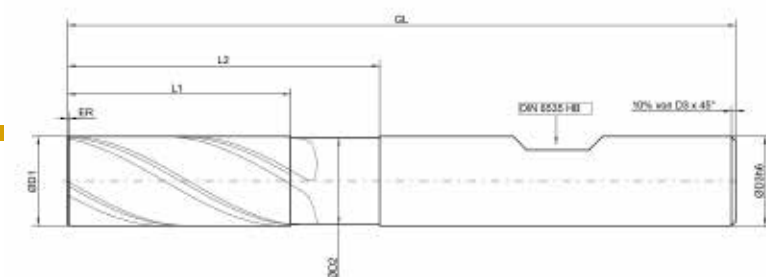
2.5xD cutting length

Extra free length of 10 mm for machining interfering contours

HB shank for improved power transmission.

Also available as IK version

Cylindrical core design for greater stability and vibration damping effect



☐ Order

Order number: _____

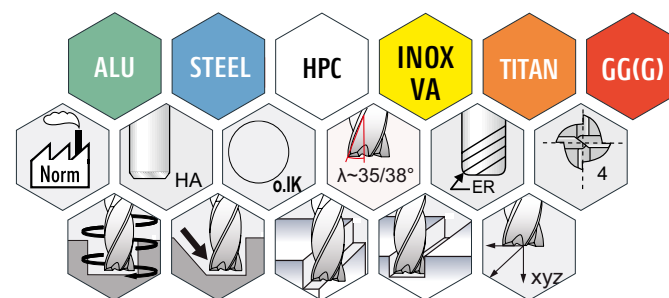
☐ Inquiry

Dimensions: D ₁ : _____ GL: _____ ER: _____ D ₂ : _____ L ₁ : _____ Z: _____ D ₃ : _____ L ₂ : _____		Coating: ☐ Coated* : _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No
Material to be machined: _____		Shank shape: _____	Cutting direction: ☐ Left ☐ Right
Date, signature & company stamp: _____		Quantity: _____	
		Contact person: _____	

* Without further information, the most suitable coating will be used.



GRIZZLY Groover



■ α-INOX coated



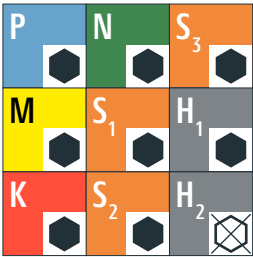
5 PRO's of the ACTIONMILL:

- High-performance HPC mill from Ø4 to Ø12
- Roughing & finishing of demanding materials
such as CoCr or INOX
- Long tool life and process reliability
- Universally applicable
- Perfect price-performance ratio

Article number	D1 (mm)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	GL (mm)
AM.GL.04.10.01	Ø4.00	Ø3.70	Ø6.00	10.00	20.00	0.08	58.00
AM.GL.05.13.01	Ø5.00	Ø4.70	Ø6.00	13.00	23.00	0.08	58.00
AM.GL.06.15.01	Ø6.00	Ø5.70	Ø6.00	15.00	25.00	0.10	58.00
AM.GL.08.20.01	Ø8.00	Ø7.70	Ø8.00	20.00	30.00	0.10	64.00
AM.GL.10.25.01	Ø10.00	Ø9.70	Ø10.00	25.00	35.00	0.15	73.00
AM.GL.12.30.01	Ø12.00	Ø11.70	Ø12.00	30.00	40.00	0.15	84.00
AM.GL.14.35.01	Ø14.00	Ø13.70	Ø14.00	35.00	45.00	0.25	93.00
AM.GL.16.40.01	Ø16.00	Ø15.70	Ø16.00	40.00	50.00	0.25	93.00

Available from stock





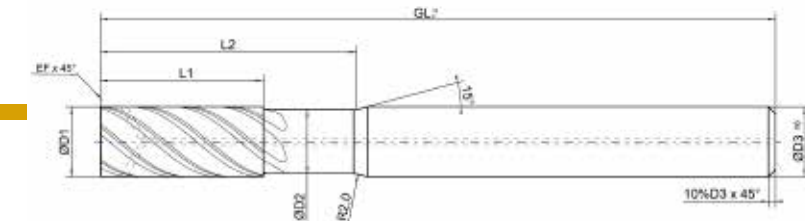
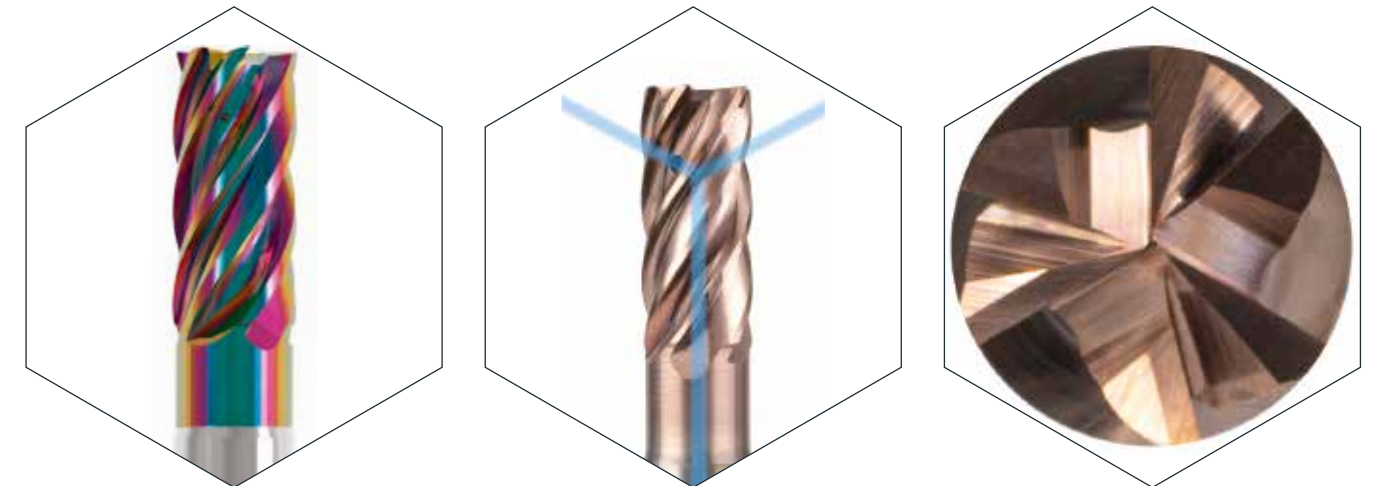
Material group	Material group	Mat. no.	DIN	AISI/ASTM/UNS
P	Steels up to RM < 1200N/mm ²	1.0044	S275JR	AISI 1020
		1.0715	11SMn30	AISI 1215
		1.7131	16MnCr5	AISI 5115
		1.3505	100Cr6	AISI 52100
		1.7225	42CrMo4	AISI 4140
M	Stainless steels: ferritic, martensitic, austenitic	1.4034	X46Cr13	AISI 420C
		1.4542	X5CrNiCuNb 16-4	AISI 630 / ASTM 17-4 PH
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH
		1.4301	X5CrNi 18-10	AISI 304
		1.4435	X2CrNiMo 18-14-3	AISI 316L
K	Cast iron	0.6020	GG20	ASTM 30
		0.6030	GG30	ASTM 40B
		0.7040	GGG40	ASTM 60-40-18
		0.7060	GGG60	ASTM 80-60-03
N	Non-ferrous metals	3.2315	AlMgSi1	ASTM 6351
		2.0065	Cu-ETP / CW004A	UNS C11000
		2.0321	CuZn37 CW508L	UNS C27400
		2.0401	CuZn39Pb3 / CW614N	UNS C38500
		2.0966	CuAl10Ni5Fe4	UNS C63000
S (S1, S2, S3)	Heat-resistant steels, titanium, CrCo	2.4617	NiMo28	Hastelloy B-2
		2.4665	NiCr22Fe18Mo	Hastelloy X
		3.7165	TiAl6V4	ASTM B348 / F136
		9.9367	TiAl6Nb7	ASTM F1295
		2.4964	CoCr20W15Ni	Haynes 25
			CrCoMo28	ASTM F1537
H	Hardened steels ≥ 55 HRC	1.2510	100MnCrMoW4	AISI O1
		1.2379	X153CrMoV12	AISI D2

Recommended use Highly suitable Partially suitable Not recommended

ap=1xD from Ø 4.0 mm	ae=1/2xD	ap=1xD from Ø 6.0 mm	ae=1/2xD	ap=1xD from Ø 8.0 mm	ae=1/2xD	ap=1xD from Ø 10 mm	ae=1/2xD	ap=1xD from Ø 12 mm - Ø 16 mm	ae=1/2xD
vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]
100-140	0.02 - 0.035	100-140	0.03 - 0.045	100-140	0.05 - 0.065	100-150	0.06 - 0.075	100-160	0.07 - 0.085
100-140	0.02 - 0.03	100-140	0.03 - 0.04	100-140	0.05 - 0.055	100-150	0.06 - 0.065	100-160	0.07 - 0.075
80-110	0.02 - 0.03	80-110	0.035 - 0.045	80-110	0.045 - 0.055	80-130	0.055 - 0.065	80-130	0.065 - 0.075
70-100	0.015 - 0.025	70-100	0.035 - 0.045	70-100	0.045 - 0.055	70-120	0.055 - 0.065	70-140	0.065 - 0.075
80-140	0.02 - 0.04	80-140	0.04 - 0.055	80-140	0.05 - 0.065	80-140	0.06 - 0.065	80-160	0.065 - 0.085
80-160	0.02 - 0.04	80-160	0.035 - 0.06	80-160	0.055 - 0.06	80-160	0.055 - 0.06	80-160	0.065 - 0.075
80-140	0.02 - 0.045	80-160	0.035 - 0.06	80-160	0.055 - 0.06	80-180	0.055 - 0.06	80-180	0.065 - 0.08
80-120	0.02 - 0.045	80-140	0.035 - 0.06	80-140	0.055 - 0.06	80-160	0.055 - 0.06	80-160	0.065 - 0.085
50-100	0.02 - 0.03	50-120	0.03 - 0.04	50-120	0.03 - 0.05	50-120	0.04 - 0.06	50-120	0.05 - 0.07
50-100	0.02 - 0.03	50-120	0.03 - 0.04	50-120	0.03 - 0.05	50-120	0.04 - 0.06	50-120	0.05 - 0.07
50-100	0.02 - 0.03	50-120	0.03 - 0.04	50-120	0.03 - 0.05	50-120	0.04 - 0.06	50-120	0.05 - 0.07
no data available									
no data available									

INOX-Finish cooled

Alu-Finish cooled



☐ Order

Order number: _____

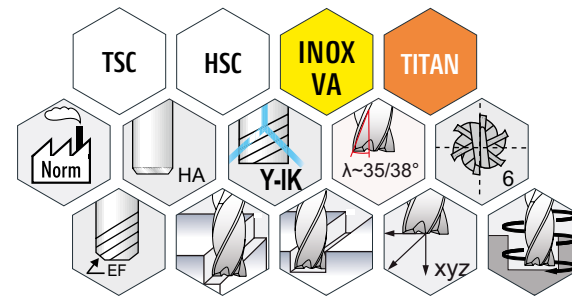
☐ Inquiry

Dimensions: D ₁ : _____ GL: _____ EF: _____ D ₂ : _____ L ₁ : _____ Z: _____ D ₃ : _____ L ₂ : _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

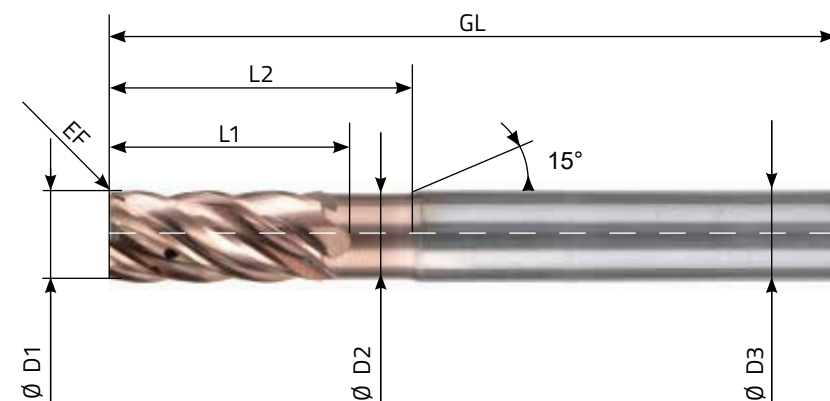
* Without further information, the most suitable coating will be used.



2xD INOX-Finish cooled



ACTIONMILL L1: 10.0 mm D3: 6.0 mm
AM.FINISH.04.10.06.IK.01 ← Coating
Product name D1: 4.0 mm Internal cooling



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- Finishing of demanding materials such as titanium and INOX
- High-quality and precise surfaces
- Long tool life and process reliability

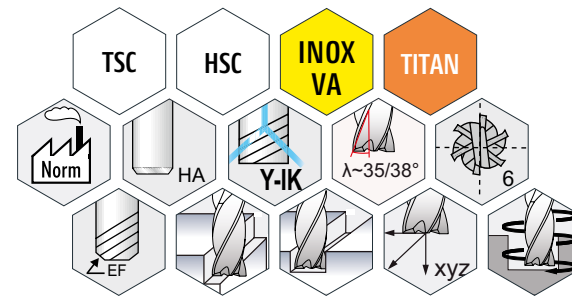
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.10.06.IK.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04.10.06.IK.01	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.14.06.IK.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05.14.06.IK.01	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.14.06.IK.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.06.14.06.IK.01	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.14.08.IK.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64.00	.HB
AM.FINISH.7144.18.08.IK.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.18.08.IK.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.08.18.08.IK.01	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64.00	.HB
AM.FINISH.9525.22.10.IK.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.10.22.10.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.111125.26.12.IK.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12.26.12.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12700.26.14.IK.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.10	84.00	.HB
AM.FINISH.14.28.24.IK.01	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.10	84.00	.HB
AM.FINISH.142875.29.16.IK.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.10	83.00	.HB
AM.FINISH.15875.32.16.IK.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.10	83.00	.HB
AM.FINISH.16.32.16.IK.01	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.10.06.IK.01.HB

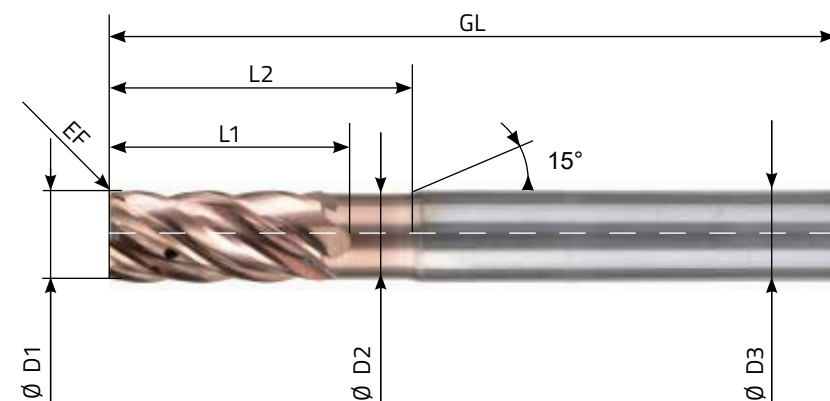
Available from stock



3xD INOX-Finish cooled



ACTIONMILL L1: 13.0 mm D3: 6.0 mm
AM.FINISH.04.13.06.IK.01 ← Coating
Product name D1: 4.0 mm Internal cooling



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- Finishing of demanding materials such as titanium and INOX
- High-quality and precise surfaces
- Long tool life and process reliability

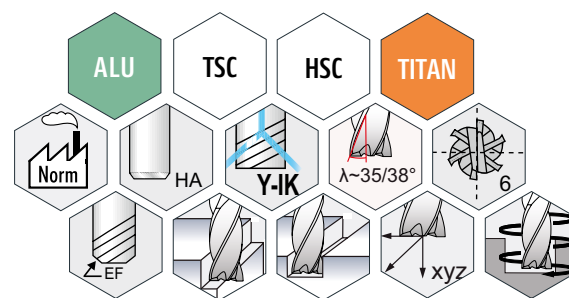
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.13.06.IK.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04.13.06.IK.01	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.15.06.IK.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05.15.06.IK.01	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.18.06.IK.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.06.18.06.IK.01	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.20.08.IK.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.FINISH.7144.22.08.IK.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.24.08.IK.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.FINISH.08.24.08.IK.01	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.FINISH.9525.30.10.IK.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.10.30.10.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.111125.34.12.IK.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.FINISH.12.36.12.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.FINISH.12700.38.14.IK.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.10	84.00	.HB
AM.FINISH.14.43.24.IK.01	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.10	84.00	.HB
AM.FINISH.142875.43.16.IK.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.10	83.00	.HB
AM.FINISH.15875.48.16.IK.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.10	83.00	.HB
AM.FINISH.16.48.16.IK.01	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.10.06.IK.01.HB

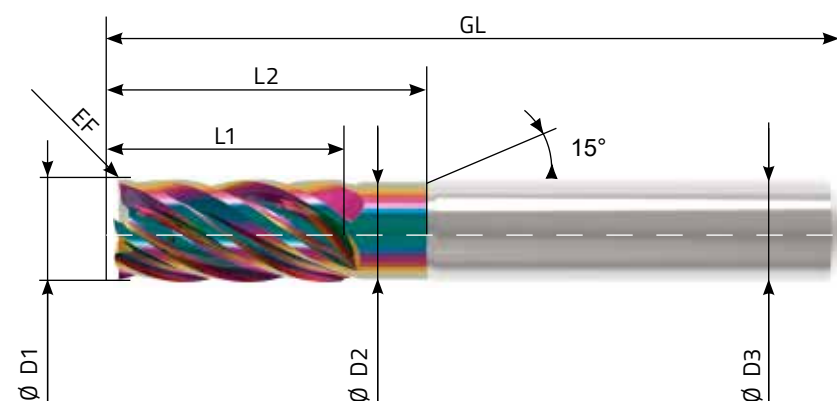
Available from stock



2xD Alu-Finish cooled



ACTIONMILL L1: 10.0 mm D3: 6.0 mm
AM.FINISH.04.10.06.IK.02 ← Coating
Product name D1: 4.0 mm Internal cooling



■ β-TITAN coated



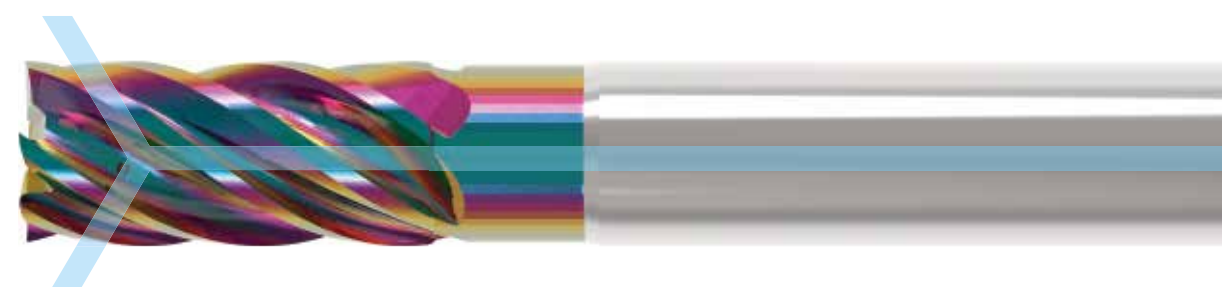
5 PRO's of the ACTIONMILL:

- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- Finishing of demanding materials such as pure titanium and Aluminum alloys
- High-quality and precise surfaces
- Long tool life and process reliability

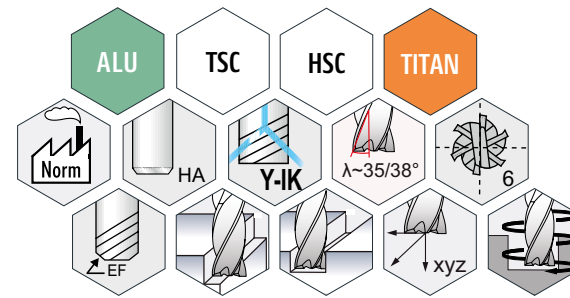
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.10.06.IK.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04.10.06.IK.02	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.14.06.IK.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05.14.06.IK.02	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.14.06.IK.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.06.14.06.IK.02	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.14.08.IK.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64.00	.HB
AM.FINISH.7144.18.08.IK.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.18.08.IK.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.08.18.08.IK.02	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64.00	.HB
AM.FINISH.9525.22.10.IK.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.10.22.10.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.111125.26.12.IK.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12.26.12.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12700.26.14.IK.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.10	84.00	.HB
AM.FINISH.14.28.24.IK.02	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.10	84.00	.HB
AM.FINISH.142875.29.16.IK.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.10	83.00	.HB
AM.FINISH.15875.32.16.IK.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.10	83.00	.HB
AM.FINISH.16.32.16.IK.02	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.10.06.IK.02.HB

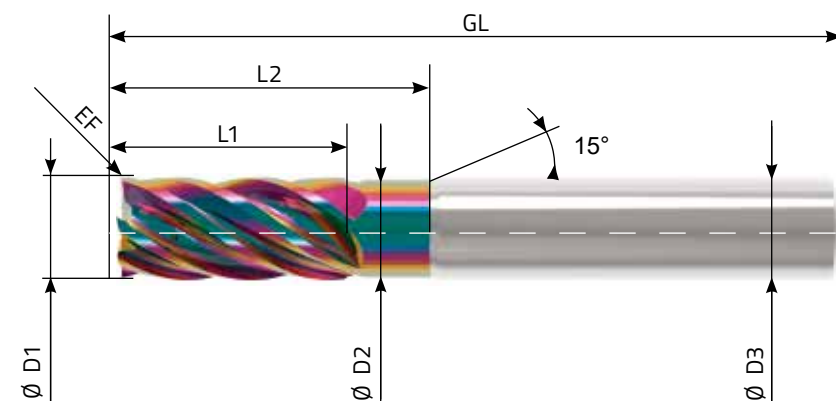
Available from stock



3xD Alu-Finish cooled



ACTIONMILL L1: 13.0 mm D3: 6.0 mm
AM.FINISH.04.13.06.IK.02 ← Coating
Product name D1: 4.0 mm Internal cooling



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

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- High-quality and precise surfaces
- Long tool life and process reliability

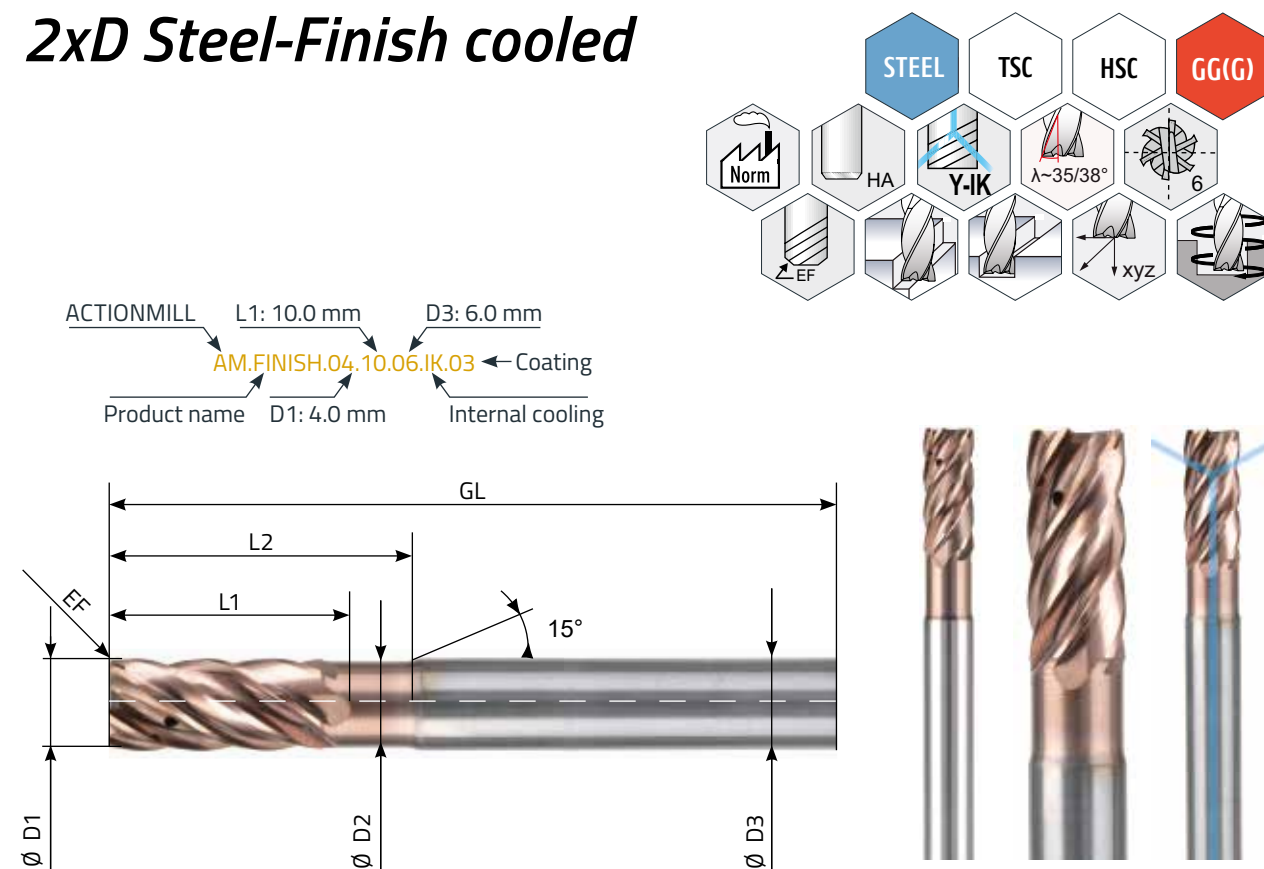
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.13.06.IK.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04.13.06.IK.02	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.15.06.IK.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05.15.06.IK.02	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.18.06.IK.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.06.18.06.IK.02	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.20.08.IK.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.FINISH.7144.22.08.IK.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.24.08.IK.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.FINISH.08.24.08.IK.02	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.FINISH.9525.30.10.IK.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.10.30.10.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.111125.34.12.IK.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.FINISH.12.36.12.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.FINISH.12700.38.14.IK.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.10	84.00	.HB
AM.FINISH.14.43.24.IK.02	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.10	84.00	.HB
AM.FINISH.142875.43.16.IK.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.10	83.00	.HB
AM.FINISH.15875.48.16.IK.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.10	83.00	.HB
AM.FINISH.16.48.16.IK.02	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.13.06.IK.02.HB

Available from stock



2xD Steel-Finish cooled



■ γ-Steel coated



5 PRO's of the ACTIONMILL:

- Protected and sharp mill corner
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- High-quality and precise surfaces
- Long tool life and process reliability

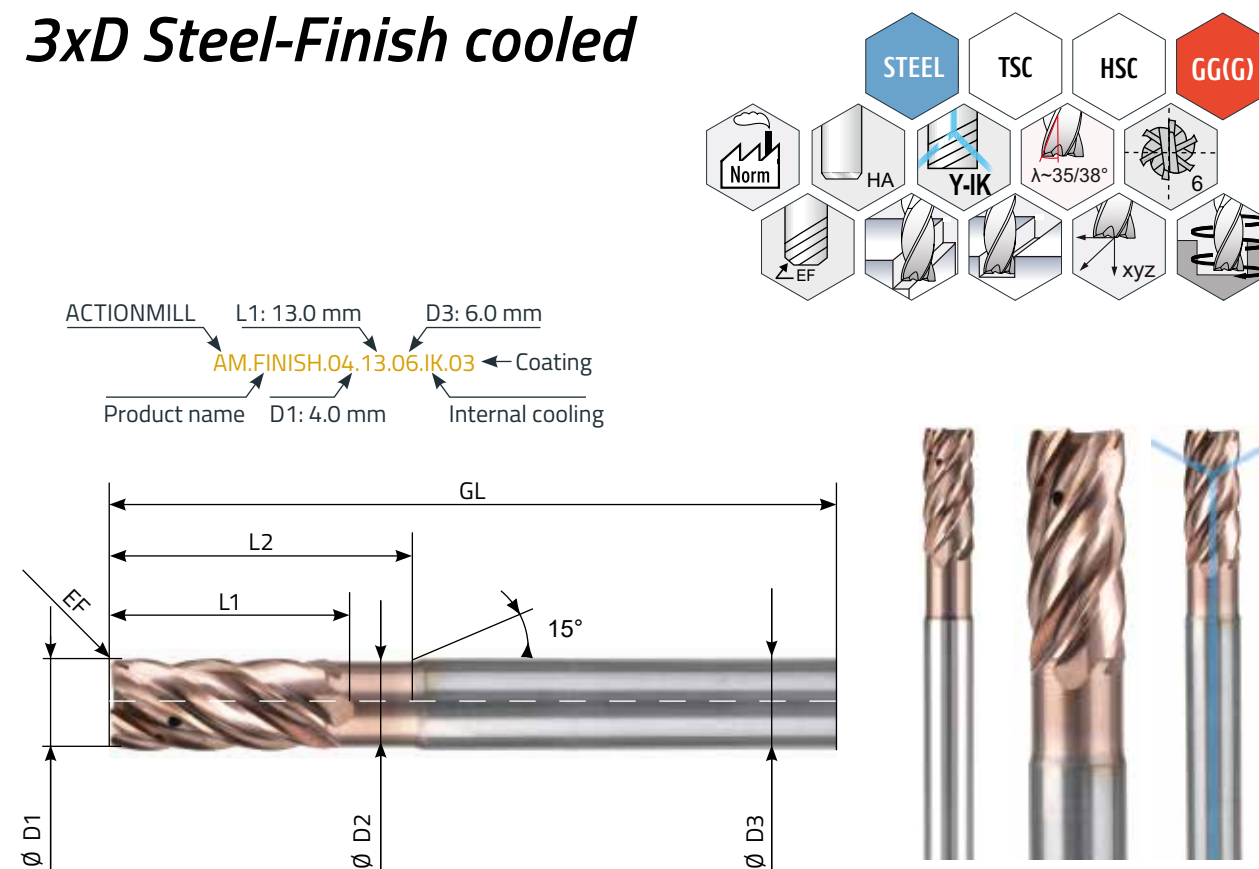
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.10.06.IK.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04.10.06.IK.03	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.14.06.IK.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05.14.06.IK.03	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.14.06.IK.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.06.14.06.IK.03	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.14.08.IK.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64.00	.HB
AM.FINISH.7144.18.08.IK.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.18.08.IK.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.08.18.08.IK.03	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64.00	.HB
AM.FINISH.9525.22.10.IK.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.10.22.10.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.111125.26.12.IK.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12.26.12.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12700.26.14.IK.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.10	84.00	.HB
AM.FINISH.14.28.24.IK.03	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.10	84.00	.HB
AM.FINISH.142875.29.16.IK.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.10	83.00	.HB
AM.FINISH.15875.32.16.IK.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.10	83.00	.HB
AM.FINISH.16.32.16.IK.03	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.10.06.IK.03.HB

Available from stock



3xD Steel-Finish cooled



■ γ-Steel coated



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- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- Finishing of demanding materials such as high-alloy Cr steels
- High-quality and precise surfaces
- Long tool life and process reliability

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.13.06.IK.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04.13.06.IK.03	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.15.06.IK.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05.15.06.IK.03	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.18.06.IK.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.06.18.06.IK.03	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.20.08.IK.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.FINISH.7144.22.08.IK.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.24.08.IK.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.FINISH.08.24.08.IK.03	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.FINISH.9525.30.10.IK.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.10.30.10.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.111125.34.12.IK.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.FINISH.12.36.12.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.FINISH.12700.38.14.IK.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.10	84.00	.HB
AM.FINISH.14.43.24.IK.03	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.10	84.00	.HB
AM.FINISH.142875.43.16.IK.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.10	83.00	.HB
AM.FINISH.15875.48.16.IK.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.10	83.00	.HB
AM.FINISH.16.48.16.IK.03	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.13.06.IK.03.HB

Available from stock



INOX-Finish

Alu-Finish

Protected and sharp corner chamfer.

From Ø 4 to Ø 16 with 6 flutes, vibration-free machining thanks to unequal spacing.

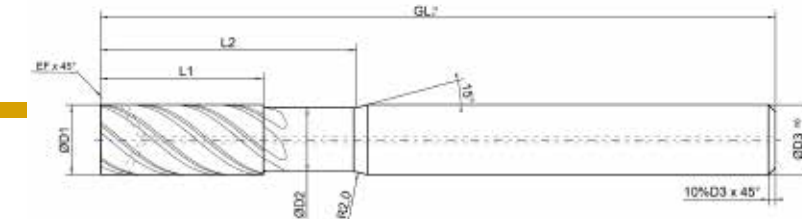
Protected and sharp corner chamfer.

High-performance coatings guarantee long tool life and prevent the cutting edges from sticking.

Surface-treated cutting edge geometry.

Surface-treated cutting edge geometry.

Solid carbide - thermal shock resistant in ultra-fine grain with high fracture toughness.



☐ Order

Order number: _____

☐ Inquiry

Dimensions:

D₁: _____ GL: _____ EF: _____
D₂: _____ L₁: _____ Z: _____
D₃: _____ L₂: _____

Coating:

☐ Coated*: _____
☐ Uncoated

Cooling channels:

☐ Yes ☐ No

Cutting direction:

☐ Left ☐ Right

Material to be machined:

Shank shape:

Quantity:

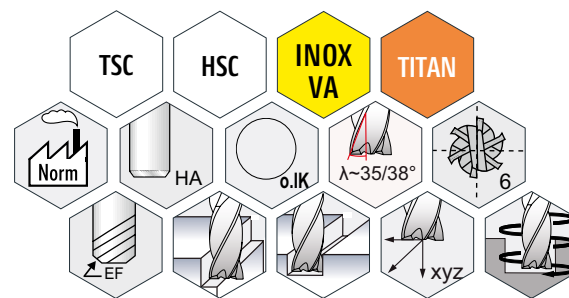
Date, signature & company stamp:

Contact person:

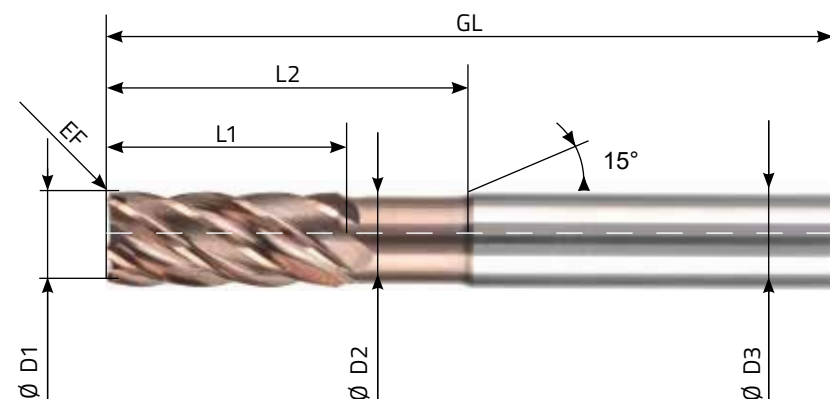
* Without further information, the most suitable coating will be used.



2xD INOX-Finish



ACTIONMILL L1: 10.0 mm D3: 6.0 mm
AM.FINISH.04.10.06.01 ← Coating
Product name D1: 4.0 mm



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- Finishing of demanding materials such as titanium and INOX
- High-quality and precise surfaces
- Long tool life and process reliability

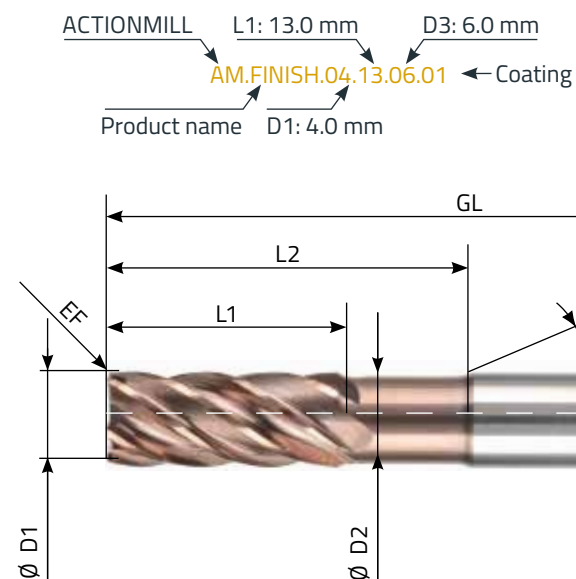
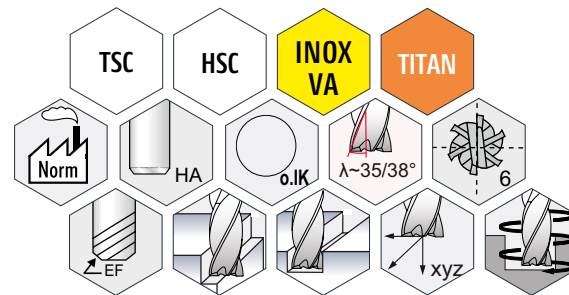
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.10.06.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04.10.06.01	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.14.06.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05.14.06.01	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.14.06.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.06.14.06.01	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.14.08.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64.00	.HB
AM.FINISH.7144.18.08.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.18.08.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.08.18.08.01	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64.00	.HB
AM.FINISH.9525.22.10.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.10.22.10.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.111125.26.12.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12.26.12.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12700.26.14.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.10	84.00	.HB
AM.FINISH.14.28.24.01	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.10	84.00	.HB
AM.FINISH.142875.29.16.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.10	83.00	.HB
AM.FINISH.15875.32.16.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.10	83.00	.HB
AM.FINISH.16.32.16.01	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.10.06.01.HB

Available from stock



3xD INOX-Finish



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Protected and sharp mill corner
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- High-quality and precise surfaces
- Long tool life and process reliability

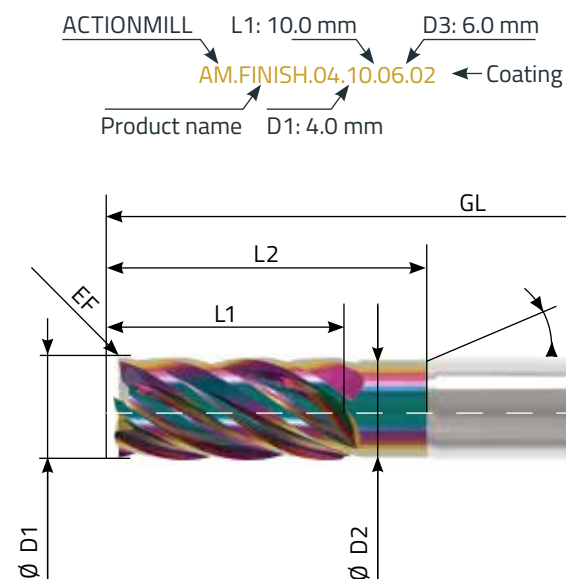
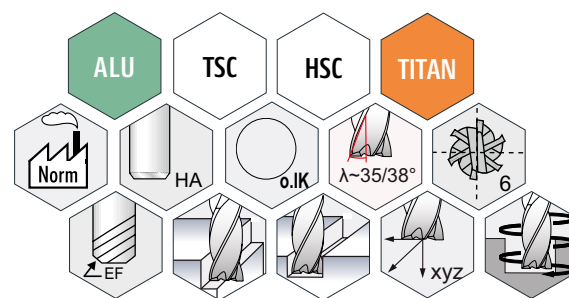
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.13.06.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04.13.06.01	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.15.06.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05.15.06.01	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.18.06.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.06.18.06.01	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.20.08.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.FINISH.7144.22.08.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.24.08.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.FINISH.08.24.08.01	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.FINISH.9525.30.10.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.10.30.10.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.111125.34.12.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.FINISH.12.36.12.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.FINISH.12700.38.14.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.10	84.00	.HB
AM.FINISH.14.43.24.01	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.10	84.00	.HB
AM.FINISH.142875.43.16.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.10	83.00	.HB
AM.FINISH.15875.48.16.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.10	83.00	.HB
AM.FINISH.16.48.16.01	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.13.06.01.HB

Available from stock



2xD Alu-Finish



■ β-TITAN coated



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- Finishing of demanding materials such as pure titanium and Aluminum alloys
- High-quality and precise surfaces
- Long tool life and process reliability

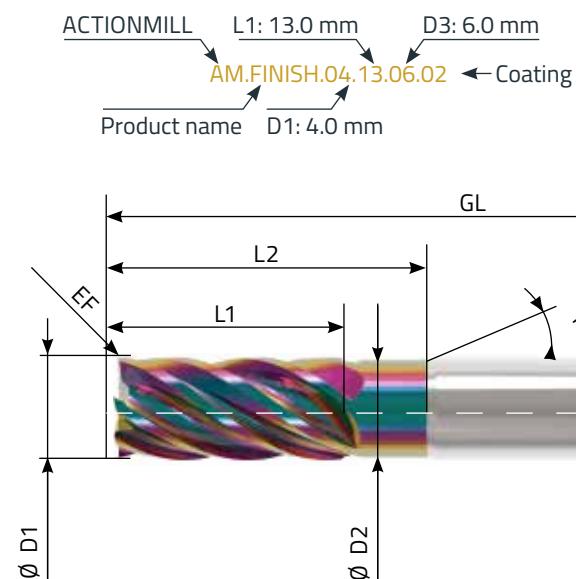
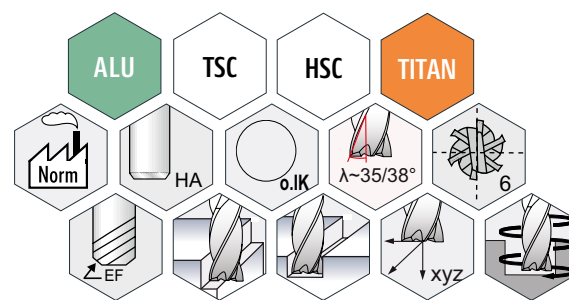
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.10.06.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04.10.06.02	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.14.06.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05.14.06.02	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.14.06.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.06.14.06.02	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.14.08.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64.00	.HB
AM.FINISH.7144.18.08.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.18.08.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.08.18.08.02	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64.00	.HB
AM.FINISH.9525.22.10.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.10.22.10.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.111125.26.12.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12.26.12.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12700.26.14.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.10	84.00	.HB
AM.FINISH.14.28.24.02	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.10	84.00	.HB
AM.FINISH.142875.29.16.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.10	83.00	.HB
AM.FINISH.15875.32.16.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.10	83.00	.HB
AM.FINISH.16.32.16.02	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.10.06.02.HB

Available from stock



3xD Alu-Finish



■ β-TITAN coated



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- Protected and sharp mill corner
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- Finishing of demanding materials such as pure titanium and Aluminum alloys
- High-quality and precise surfaces
- Long tool life and process reliability

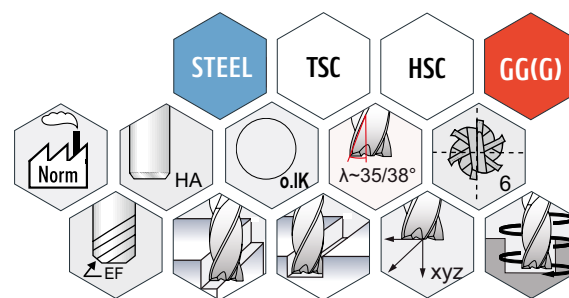
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.13.06.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04.13.06.02	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.15.06.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05.15.06.02	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.18.06.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.06.18.06.02	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.20.08.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.FINISH.7144.22.08.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.24.08.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.FINISH.08.24.08.02	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.FINISH.9525.30.10.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.10.30.10.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.111125.34.12.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.FINISH.12.36.12.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.FINISH.12700.38.14.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.10	84.00	.HB
AM.FINISH.14.43.24.02	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.10	84.00	.HB
AM.FINISH.142875.43.16.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.10	83.00	.HB
AM.FINISH.15875.48.16.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.10	83.00	.HB
AM.FINISH.16.48.16.02	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.13.06.02.HB

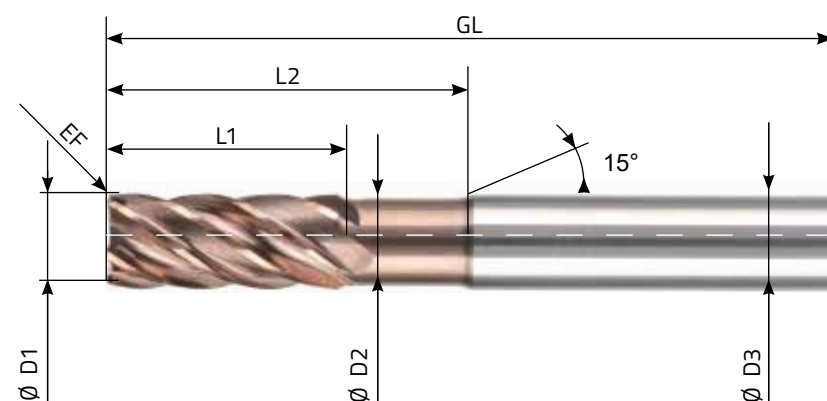
Available from stock



2xD Steel-Finish



ACTIONMILL L1: 10.0 mm D3: 6.0 mm
AM.FINISH.04.10.06.03 ← Coating
Product name D1: 4.0 mm



■ γ-Steel coated



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- Long tool life and process reliability

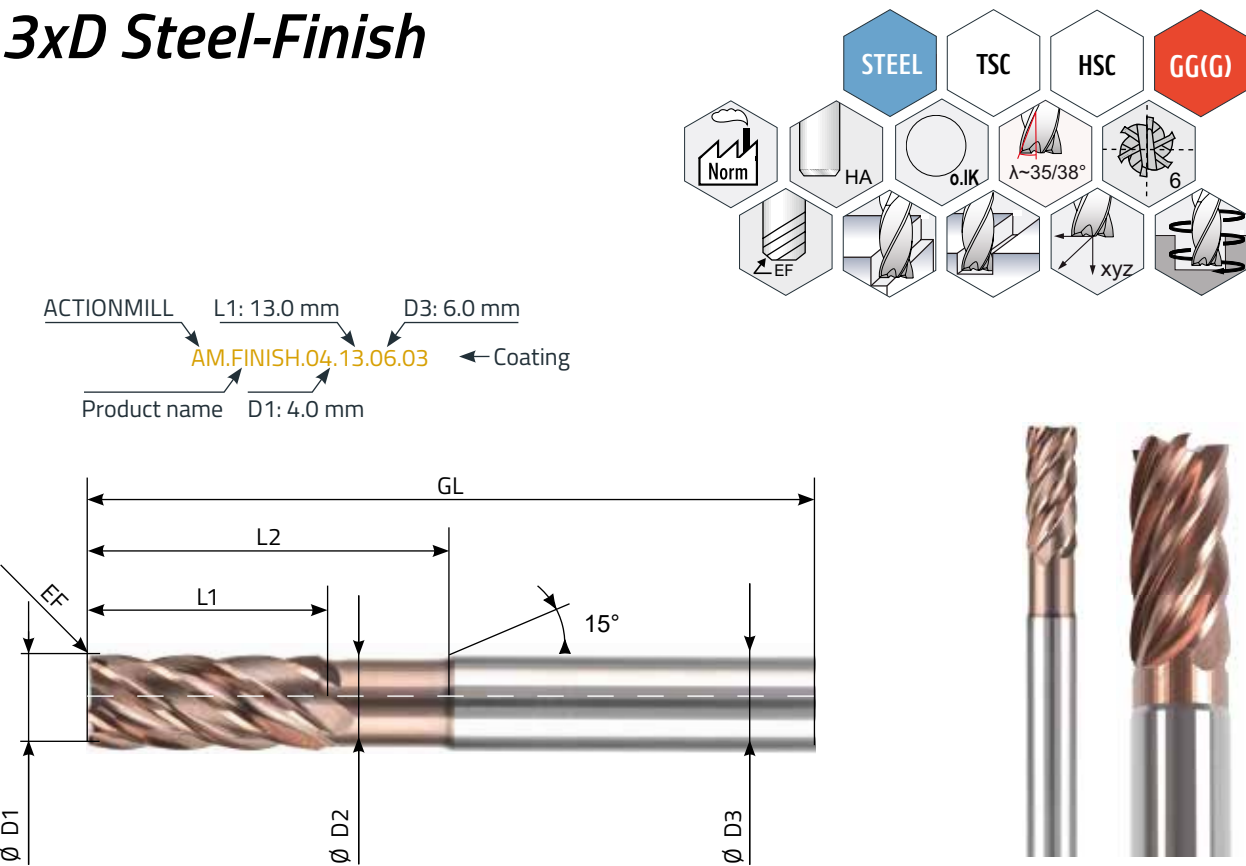
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.10.06.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04.10.06.03	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.14.06.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05.14.06.03	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.14.06.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.06.14.06.03	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.14.08.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64.00	.HB
AM.FINISH.7144.18.08.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.18.08.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.FINISH.08.18.08.03	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64.00	.HB
AM.FINISH.9525.22.10.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.10.22.10.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.FINISH.111125.26.12.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12.26.12.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.FINISH.12700.26.14.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.10	84.00	.HB
AM.FINISH.14.28.24.03	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.10	84.00	.HB
AM.FINISH.142875.29.16.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.10	83.00	.HB
AM.FINISH.15875.32.16.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.10	83.00	.HB
AM.FINISH.16.32.16.03	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.10.06.03.HB

Available from stock



3xD Steel-Finish



■ γ-Steel coated



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Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.13.06.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04.13.06.03	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.FINISH.04762.15.06.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05.15.06.03	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.FINISH.05556.18.06.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.06.18.06.03	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.FINISH.0635.20.08.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.FINISH.7144.22.08.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.FINISH.7938.24.08.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.FINISH.08.24.08.03	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.FINISH.9525.30.10.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.10.30.10.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.FINISH.111125.34.12.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.FINISH.12.36.12.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.FINISH.12700.38.14.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.10	84.00	.HB
AM.FINISH.14.43.24.03	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.10	84.00	.HB
AM.FINISH.142875.43.16.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.10	83.00	.HB
AM.FINISH.15875.48.16.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.10	83.00	.HB
AM.FINISH.16.48.16.03	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.10	83.00	.HB

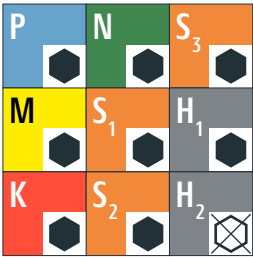
■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.13.06.03.HB

Available from stock





INOX-Finish cooled / INOX-Finish
ALU-Finish cooled / ALU-Finish
Steel-Finish cooled / Steel-Finish



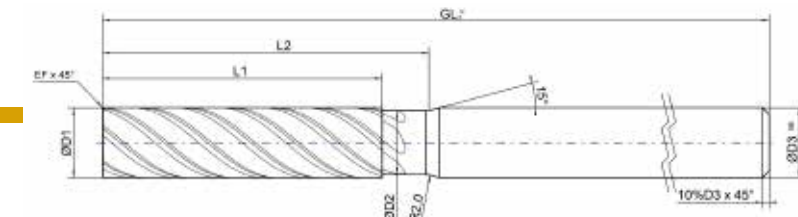
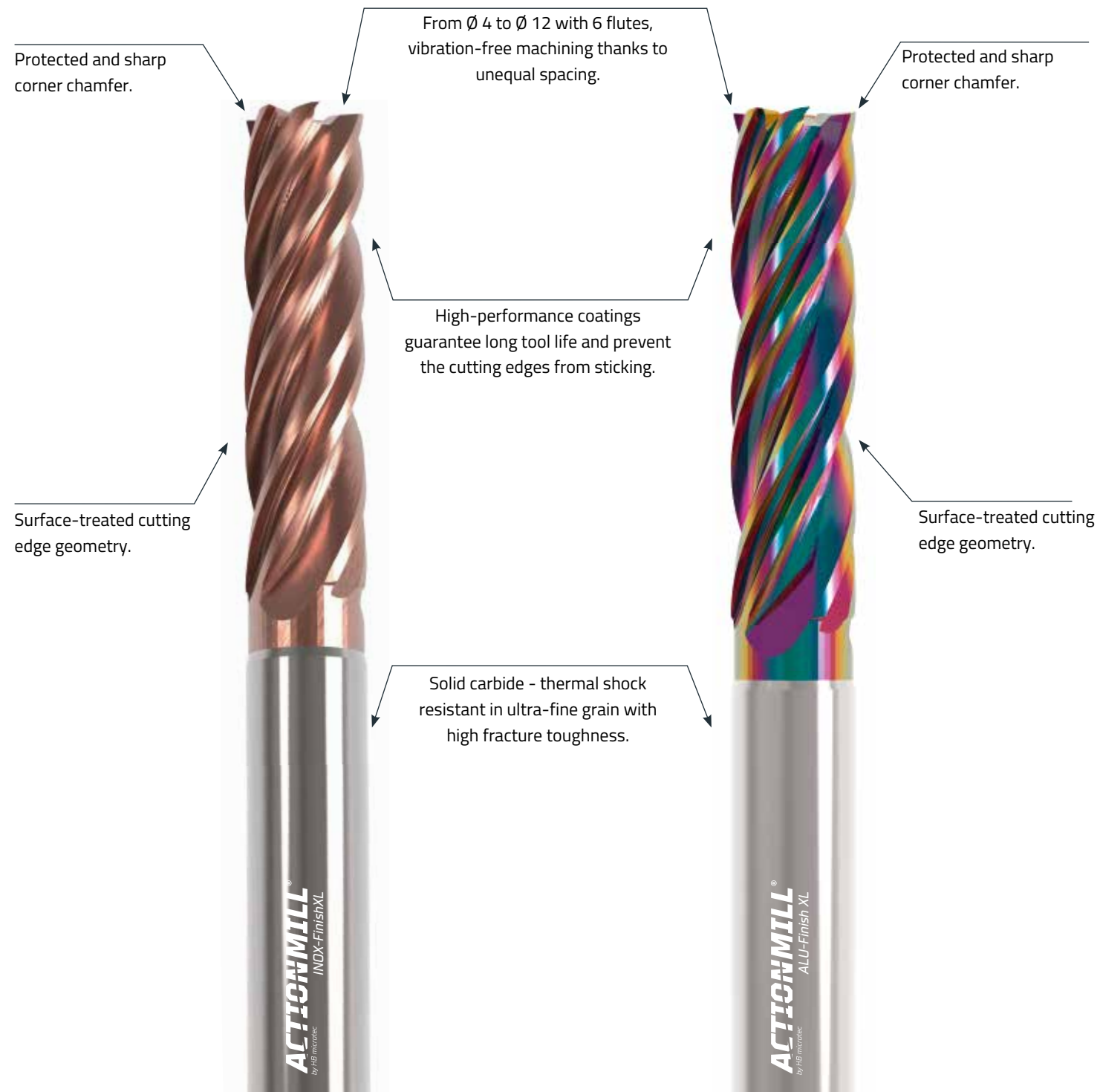
Material group	Material group	Mat. no.	DIN	AISI/ASTM/UNS
P	Steels up to RM < 1200N/mm²	1.0044	S275JR	AISI 1020
		1.0715	11SMn30	AISI 1215
		1.7131	16MnCr5	AISI 5115
		1.3505	100Cr6	AISI 52100
		1.7225	42CrMo4	AISI 4140
M	Stainless steels: ferritic, martensitic, austenitic	1.4034	X46Cr13	AISI 420C
		1.4542	X5CrNiCuNb 16-4	AISI 630 / ASTM 17-4 PH
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH
		1.4301	X5CrNi 18-10	AISI 304
		1.4435	X2CrNiMo 18-14-3	AISI 316L
K	Cast iron	0.6020	GG20	ASTM 30
		0.6030	GG30	ASTM 40B
		0.7040	GGG40	ASTM 60-40-18
		0.7060	GGG60	ASTM 80-60-03
N	Non-ferrous metals	3.2315	AlMgSi1	ASTM 6351
		2.0065	Cu-ETP / CW004A	UNS C11000
		2.0321	CuZn37 CW508L	UNS C27400
		2.0401	CuZn39Pb3 / CW614N	UNS C38500
		2.0966	CuAl10Ni5Fe4	UNS C63000
S (S1, S2, S3)	Heat-resistant steels, titanium, CrCo	2.4617	NiMo28	Hastelloy B-2
		2.4665	NiCr22Fe18Mo	Hastelloy X
		3.7165	TiAl6V4	ASTM B348 / F136
		9.9367	TiAl6Nb7	ASTM F1295
		2.4964	CoCr20W15Ni	Haynes 25
			CrCoMo28	ASTM F1537
H	Hardened steels ≥ 55 HRC	1.2510	100MnCrMoW4	AISI O1
		1.2379	X153CrMoV12	AISI D2

Recommended use Highly suitable Partially suitable Not recommended

ap=L1	ae=0.06xD1	ap=L1	ae=0.06xD1	ap=L1	ae=0.06xD1	ap=L1	ae=0.06xD1	ap=L1	ae=0.06xD1
from Ø 4.0 mm		from Ø 6.0 mm		from Ø 8.0 mm		from Ø 10 mm		from Ø 12 mm - Ø 16 mm	
vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	vc [m/min]	vc [m/min]	fz [mm]
100-200	0.02 - 0.035	100-200	0.03 - 0.045	100-200	0.05 - 0.065	100-200	0.06 - 0.075	100-200	0.07 - 0.085
100-200	0.02 - 0.03	100-200	0.03 - 0.04	100-200	0.05 - 0.055	100-200	0.06 - 0.065	100-200	0.07 - 0.075
80-110	0.02 - 0.03	80-110	0.035 - 0.045	80-110	0.045 - 0.055	80-110	0.055 - 0.065	80-110	0.065 - 0.075
70-100	0.015 - 0.025	70-100	0.035 - 0.045	70-100	0.045 - 0.055	70-100	0.055 - 0.065	70-100	0.065 - 0.075
80-170	0.02 - 0.04	80-170	0.04 - 0.055	80-170	0.05 - 0.065	80-170	0.06 - 0.065	80-170	0.065 - 0.085
80-160	0.02 - 0.04	80-160	0.035 - 0.06	80-160	0.055 - 0.06	80-160	0.055 - 0.06	80-160	0.065 - 0.075
100-200	0.02 - 0.045	100-200	0.035 - 0.06	100-200	0.055 - 0.06	100-200	0.055 - 0.06	100-200	0.065 - 0.08
80-120	0.02 - 0.045	80-120	0.035 - 0.06	80-120	0.055 - 0.06	80-120	0.055 - 0.06	80-120	0.065 - 0.085
50 - 80	0.02 - 0.03	50 - 80	0.03 - 0.04	50 - 80	0.03 - 0.05	50 - 80	0.04 - 0.06	50 - 80	0.05 - 0.07
40-70	0.02 - 0.03	40-70	0.03 - 0.04	40-70	0.03 - 0.05	40-70	0.04 - 0.06	40-70	0.05 - 0.07
25-40	0.02 - 0.03	25-40	0.03 - 0.04	25-40	0.03 - 0.05	25-40	0.04 - 0.06	25-40	0.05 - 0.07
no data available									
no data available									

INOX-FinishXL

Alu-FinishXL



☐ Order

Order number: _____

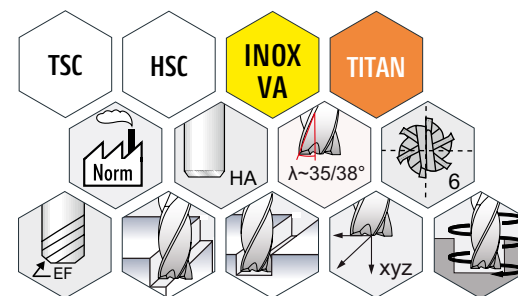
☐ Inquiry

Dimensions: D1: _____ GL: _____ EF: _____ D2: _____ L1: _____ Z: _____ D3: _____ L2: _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

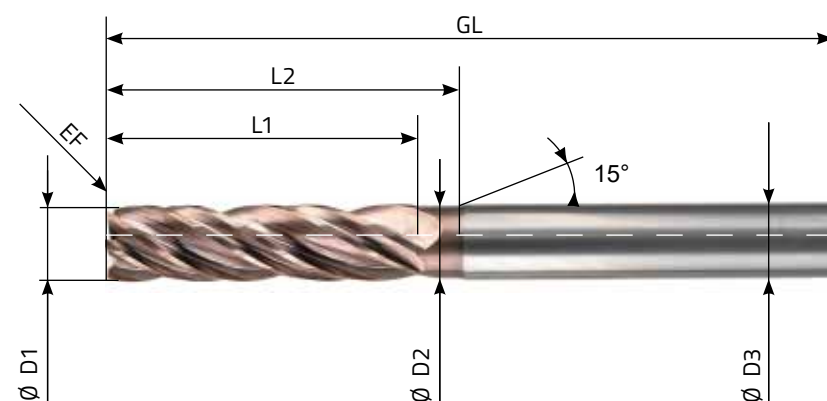
* Without further information, the most suitable coating will be used.



4xD INOX-FinishXL



ACTIONMILL L1: 16.0 mm D3: 6.0 mm
AM.FINISH.04.16.06.XL.01 ← Coating
Product name D1: 4.0 mm XL-Variant



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- Finishing of demanding materials such as CoCr or INOX
- High-quality and precise surfaces
- Long tool life and process reliability

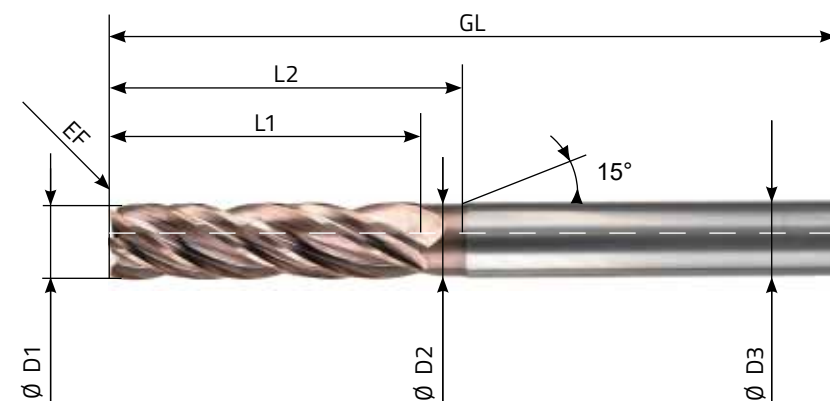
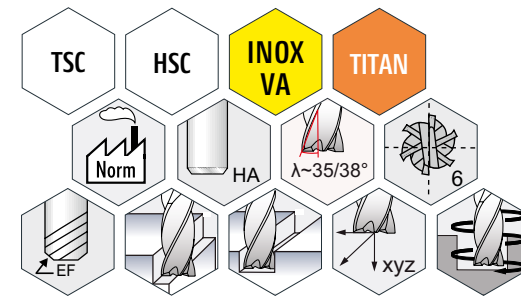
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.16.06.XL.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.FINISH.04.16.06.XL.01	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.FINISH.04762.20.06.XL.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.FINISH.05.20.06.XL.01	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.FINISH.05556.22.06.XL.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	23.00	25.00	0.03	83.00	.HB
AM.FINISH.06.24.06.XL.01	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.03	83.00	.HB
AM.FINISH.0635.25.08.XL.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	26.00	28.00	0.03	80.00	.HB
AM.FINISH.7144.30.08.XL.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.03	80.00	.HB
AM.FINISH.7938.34.08.XL.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.03	80.00	.HB
AM.FINISH.08.24.08.XL.01	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.05	80.00	.HB
AM.FINISH.9525.40.10.XL.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.05	100.00	.HB
AM.FINISH.10.30.10.XL.01	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.05	100.00	.HB
AM.FINISH.111125.45.12.XL.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.05	101.00	.HB
AM.FINISH.12.48.12.XL.01	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.05	101.00	.HB
AM.FINISH.12700.51.14.XL.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.10	120.00	.HB
AM.FINISH.14.56.24.XL.01	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	0.10	120.00	.HB
AM.FINISH.142875.58.16.XL.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	0.10	120.00	.HB
AM.FINISH.15875.64.16.XL.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	0.10	120.00	.HB
AM.FINISH.16.64.16.XL.01	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	0.10	120.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.16.06.XL.01.HB

Available from stock



5xD INOX-FinishXXL



■ α-INOX coated



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- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- Finishing of demanding materials such as CoCr or INOX
- High-quality and precise surfaces
- Long tool life and process reliability

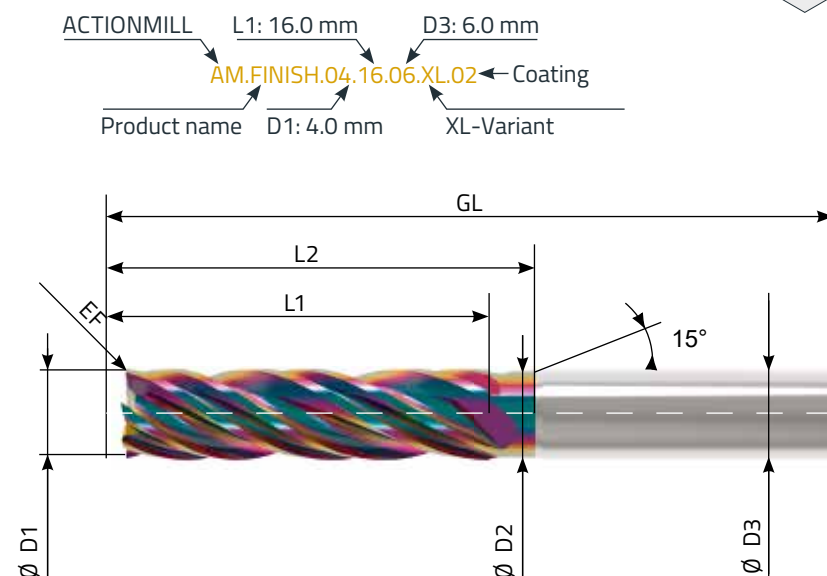
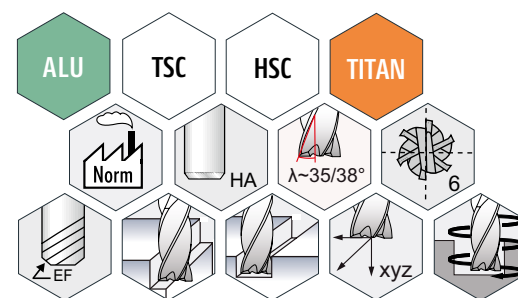
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.20.06.XXL.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.FINISH.04.20.06.XXL.01	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.FINISH.04762.25.06.XXL.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.FINISH.05.25.06.XXL.01	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.FINISH.05556.30.06.XXL.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.FINISH.06.30.06.XXL.01	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.FINISH.0635.32.08.XXL.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.03	83.00	.HB
AM.FINISH.7144.36.08.XXL.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.03	83.00	.HB
AM.FINISH.7938.40.08.XXL.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.03	83.00	.HB
AM.FINISH.08.40.08.XXL.01	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.05	83.00	.HB
AM.FINISH.9525.48.10.XXL.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	0.05	101.00	.HB
AM.FINISH.10.50.10.XXL.01	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.05	101.00	.HB
AM.FINISH.111125.56.12.XXL.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.05	110.00	.HB
AM.FINISH.12.60.12.XXL.01	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.05	110.00	.HB
AM.FINISH.12700.54.14.XXL.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.10	120.00	.HB
AM.FINISH.14.70.24.XXL.01	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	0.10	120.00	.HB
AM.FINISH.142875.72.16.XXL.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	0.10	130.00	.HB
AM.FINISH.15875.80.16.XXL.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	0.10	130.00	.HB
AM.FINISH.16.80.16.XXL.01	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	0.10	130.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.20.06.XL.01.HB

Available from stock



4xD Alu-FinishXL



■ β-TITAN coated



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- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- Finishing of demanding materials such as pure titanium and Aluminum alloys
- High-quality and precise surfaces
- Long tool life and process reliability

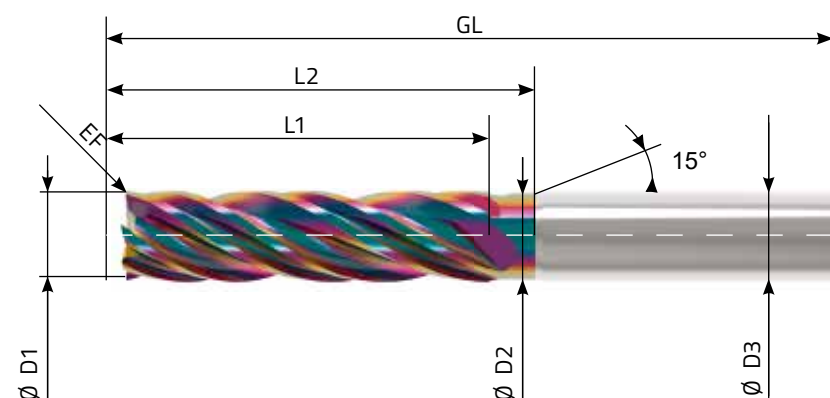
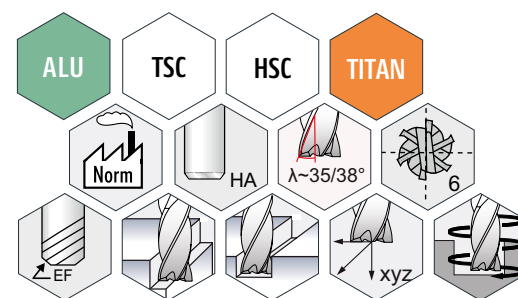
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.16.06.XL.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.FINISH.04.16.06.XL.02	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.FINISH.04762.20.06.XL.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.FINISH.05.20.06.XL.02	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.FINISH.05556.22.06.XL.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	23.00	25.00	0.03	83.00	.HB
AM.FINISH.06.24.06.XL.02	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.03	83.00	.HB
AM.FINISH.0635.25.08.XL.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	26.00	28.00	0.03	80.00	.HB
AM.FINISH.7144.30.08.XL.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.03	80.00	.HB
AM.FINISH.7938.34.08.XL.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.03	80.00	.HB
AM.FINISH.08.24.08.XL.02	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.05	80.00	.HB
AM.FINISH.9525.40.10.XL.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.05	100.00	.HB
AM.FINISH.10.30.10.XL.02	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.05	100.00	.HB
AM.FINISH.111125.45.12.XL.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.05	101.00	.HB
AM.FINISH.12.48.12.XL.02	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.05	101.00	.HB
AM.FINISH.12700.51.14.XL.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.10	120.00	.HB
AM.FINISH.14.56.24.XL.02	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	0.10	120.00	.HB
AM.FINISH.142875.58.16.XL.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	0.10	120.00	.HB
AM.FINISH.15875.64.16.XL.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	0.10	120.00	.HB
AM.FINISH.16.64.16.XL.02	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	0.10	120.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.16.06.XL.02.HB

Available from stock



5xD Alu-FinishXXL



■ β-TITAN coated



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- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- Finishing of demanding materials such as pure titanium and Aluminum alloys
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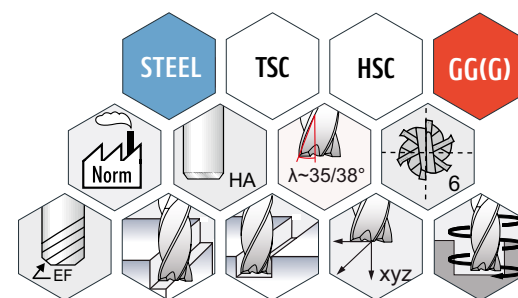
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.20.06.XXL.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.FINISH.04.20.06.XXL.02	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.FINISH.04762.25.06.XXL.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.FINISH.05.25.06.XXL.02	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.FINISH.05556.30.06.XXL.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.FINISH.06.30.06.XXL.02	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.FINISH.0635.32.08.XXL.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.03	83.00	.HB
AM.FINISH.7144.36.08.XXL.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.03	83.00	.HB
AM.FINISH.7938.40.08.XXL.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.03	83.00	.HB
AM.FINISH.08.40.08.XXL.02	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.05	83.00	.HB
AM.FINISH.9525.48.10.XXL.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	0.05	101.00	.HB
AM.FINISH.10.50.10.XXL.02	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.05	101.00	.HB
AM.FINISH.111125.56.12.XXL.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.05	110.00	.HB
AM.FINISH.12.60.12.XXL.02	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.05	110.00	.HB
AM.FINISH.12700.54.14.XXL.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.10	120.00	.HB
AM.FINISH.14.70.24.XXL.02	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	0.10	120.00	.HB
AM.FINISH.142875.72.16.XXL.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	0.10	130.00	.HB
AM.FINISH.15875.80.16.XXL.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	0.10	130.00	.HB
AM.FINISH.16.80.16.XXL.02	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	0.10	130.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.16.06.XL.02.HB

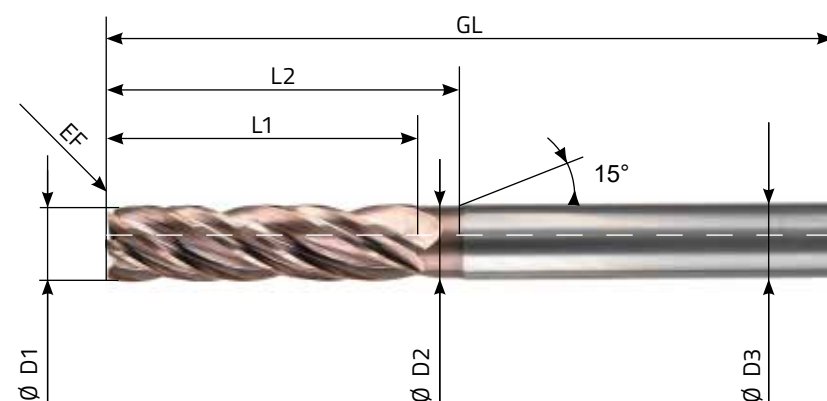
Available from stock



4xD Steel-FinishXL



ACTIONMILL L1: 16.0 mm D3: 6.0 mm
AM.FINISH.04.16.06.XL.03 ← Coating
Product name D1: 4.0 mm XL-Variant



■ γ-Steel coated



5 PRO's of the ACTIONMILL:

- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- Finishing of demanding materials such as high-alloy Cr steels
- High-quality and precise surfaces
- Long tool life and process reliability

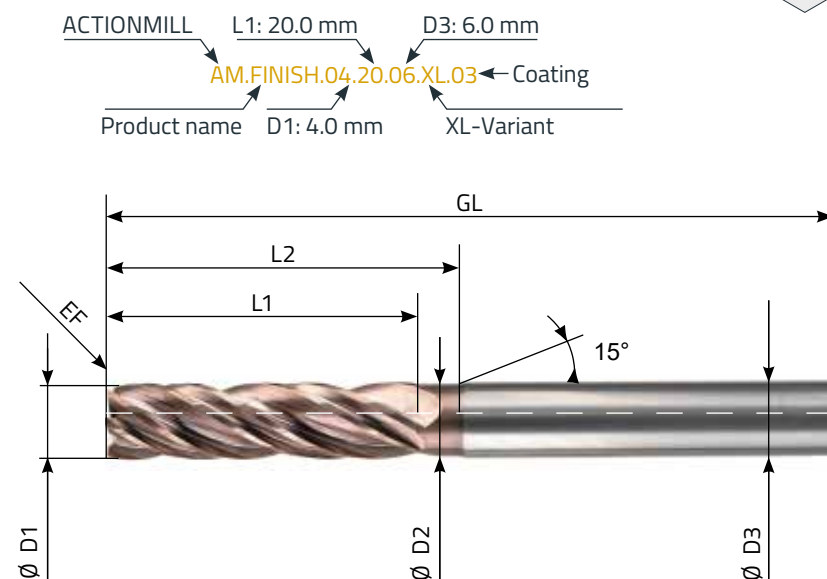
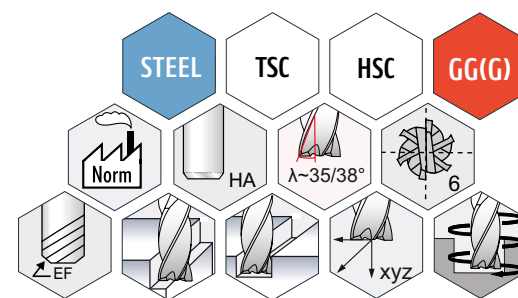
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.16.06.XL.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.FINISH.04.16.06.XL.03	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.FINISH.04762.20.06.XL.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.FINISH.05.20.06.XL.03	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.FINISH.05556.22.06.XL.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	23.00	25.00	0.03	83.00	.HB
AM.FINISH.06.24.06.XL.03	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.03	83.00	.HB
AM.FINISH.0635.25.08.XL.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	26.00	28.00	0.03	80.00	.HB
AM.FINISH.7144.30.08.XL.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.03	80.00	.HB
AM.FINISH.7938.34.08.XL.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.03	80.00	.HB
AM.FINISH.08.24.08.XL.03	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.05	80.00	.HB
AM.FINISH.9525.40.10.XL.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.05	100.00	.HB
AM.FINISH.10.30.10.XL.03	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.05	100.00	.HB
AM.FINISH.111125.45.12.XL.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.05	101.00	.HB
AM.FINISH.12.48.12.XL.03	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.05	101.00	.HB
AM.FINISH.12700.51.14.XL.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.10	120.00	.HB
AM.FINISH.14.56.24.XL.03	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	0.10	120.00	.HB
AM.FINISH.142875.58.16.XL.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	0.10	120.00	.HB
AM.FINISH.15875.64.16.XL.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	0.10	120.00	.HB
AM.FINISH.16.64.16.XL.03	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	0.10	120.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.16.06.XL.03.HB

Available from stock



5xD Steel-FinishXXL



■ γ-Steel coated



5 PRO's of the ACTIONMILL:

- Protected and sharp mill corner
- High-performance finishing mill from Ø4 to Ø16 with Z6
- Finishing of demanding materials such as high-alloy Cr steels
- High-quality and precise surfaces
- Long tool life and process reliability

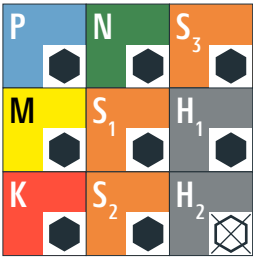
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.FINISH.03968.20.06.XXL.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.FINISH.04.20.06.XXL.03	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.FINISH.04762.25.06.XXL.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.FINISH.05.25.06.XXL.03	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.FINISH.05556.30.06.XXL.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.FINISH.06.30.06.XXL.03	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.FINISH.0635.32.08.XXL.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.03	83.00	.HB
AM.FINISH.7144.36.08.XXL.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.03	83.00	.HB
AM.FINISH.7938.40.08.XXL.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.03	83.00	.HB
AM.FINISH.08.40.08.XXL.03	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.05	83.00	.HB
AM.FINISH.9525.48.10.XXL.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	0.05	101.00	.HB
AM.FINISH.10.50.10.XXL.03	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.05	101.00	.HB
AM.FINISH.111125.56.12.XXL.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.05	110.00	.HB
AM.FINISH.12.60.12.XXL.03	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.05	110.00	.HB
AM.FINISH.12700.54.14.XXL.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.10	120.00	.HB
AM.FINISH.14.70.24.XXL.03	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	0.10	120.00	.HB
AM.FINISH.142875.72.16.XXL.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	0.10	130.00	.HB
AM.FINISH.15875.80.16.XXL.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	0.10	130.00	.HB
AM.FINISH.16.80.16.XXL.03	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	0.10	130.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.FINISH.04.20.06.XL.03.HB

Available from stock



ACTIONMILL[®]
by HB microtec
INOX-FinishXL / XXL
ALU-Trochoid XL / XXL
Steel-Trochoid XL / XXL



Material group	Material group	Mat. no.	DIN	AISI/ASTM/UNS
P	Steels up to RM < 1200N/mm²	1.0044	S275JR	AISI 1020
		1.0715	11SMn30	AISI 1215
		1.7131	16MnCr5	AISI 5115
		1.3505	100Cr6	AISI 52100
		1.7225	42CrMo4	AISI 4140
M	Stainless steels: ferritic, martensitic, austenitic	1.4034	X46Cr13	AISI 420C
		1.4542	X5CrNiCuNb 16-4	AISI 630 / ASTM 17-4 PH
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH
		1.4301	X5CrNi 18-10	AISI 304
		1.4435	X2CrNiMo 18-14-3	AISI 316L
K	Cast iron	0.6020	GG20	ASTM 30
		0.6030	GG30	ASTM 40B
		0.7040	GGG40	ASTM 60-40-18
		0.7060	GGG60	ASTM 80-60-03
N	Non-ferrous metals	3.2315	AlMgSi1	ASTM 6351
		2.0065	Cu-ETP / CW004A	UNS C11000
		2.0321	CuZn37 CW508L	UNS C27400
		2.0401	CuZn39Pb3 / CW614N	UNS C38500
		2.0966	CuAl10Ni5Fe4	UNS C63000
S (S1, S2, S3)	Heat-resistant steels, titanium, CrCo	2.4617	NiMo28	Hastelloy B-2
		2.4665	NiCr22Fe18Mo	Hastelloy X
		3.7165	TiAl6V4	ASTM B348 / F136
		9.9367	TiAl6Nb7	ASTM F1295
		2.4964	CoCr20W15Ni	Haynes 25
			CrCoMo28	ASTM F1537
H	Hardened steels ≥ 55 HRC	1.2510	100MnCrMoW4	AISI O1
		1.2379	X153CrMoV12	AISI D2

Recommended use Highly suitable Partially suitable Not recommended

ap=L1 from Ø 4 mm		ap=L1 from Ø 6 mm		ap=L1 from Ø 8 mm		ap=L1 from Ø 10 mm		ap=L1 from Ø 16 mm	
vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	vc [m/min]	vc [m/min]	fz [mm]
100-200	0.02 - 0.035	100-200	0.03 - 0.045	100-200	0.05 - 0.065	100-200	0.06 - 0.075	100-200	0.07 - 0.085
100-200	0.02 - 0.03	100-200	0.03 - 0.04	100-200	0.05 - 0.055	100-200	0.06 - 0.065	100-200	0.07 - 0.075
80-110	0.02 - 0.03	80-110	0.035 - 0.045	80-110	0.045 - 0.055	80-110	0.055 - 0.065	80-110	0.065 - 0.075
70-100	0.015 - 0.025	70-100	0.035 - 0.045	70-100	0.045 - 0.055	70-100	0.055 - 0.065	70-100	0.065 - 0.075
80-170	0.02 - 0.04	80-170	0.04 - 0.055	80-170	0.05 - 0.065	80-170	0.06 - 0.065	80-170	0.065 - 0.085
80-160	0.02 - 0.04	80-160	0.035 - 0.06	80-160	0.055 - 0.06	80-160	0.055 - 0.06	80-160	0.065 - 0.075
100-200	0.02 - 0.045	100-200	0.035 - 0.06	100-200	0.055 - 0.06	100-200	0.055 - 0.06	100-200	0.065 - 0.08
80-120	0.02 - 0.045	80-120	0.035 - 0.06	80-120	0.055 - 0.06	80-120	0.055 - 0.06	80-120	0.065 - 0.085
50 - 80	0.02 - 0.03	50 - 80	0.03 - 0.04	50 - 80	0.03 - 0.05	50 - 80	0.04 - 0.06	50 - 80	0.05 - 0.07
40-70	0.02 - 0.03	40-70	0.03 - 0.04	40-70	0.03 - 0.05	40-70	0.04 - 0.06	40-70	0.05 - 0.07
25-40	0.02 - 0.03	25-40	0.03 - 0.04	25-40	0.03 - 0.05	25-40	0.04 - 0.06	25-40	0.05 - 0.07
no data available									
no data available									

INOX-Trochoid cooled

Alu-Trochoid cooled

Corner radius or
protected and sharp mill
corner chamfer.

From Ø 4 to Ø 16 with 6 flutes,
vibration-free machining thanks to
unequal spacing.

Protected and sharp
corner chamfer.

Chip breaker for
reliable roughing of
pockets and contours.

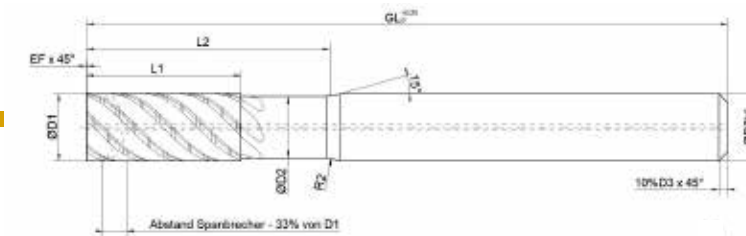
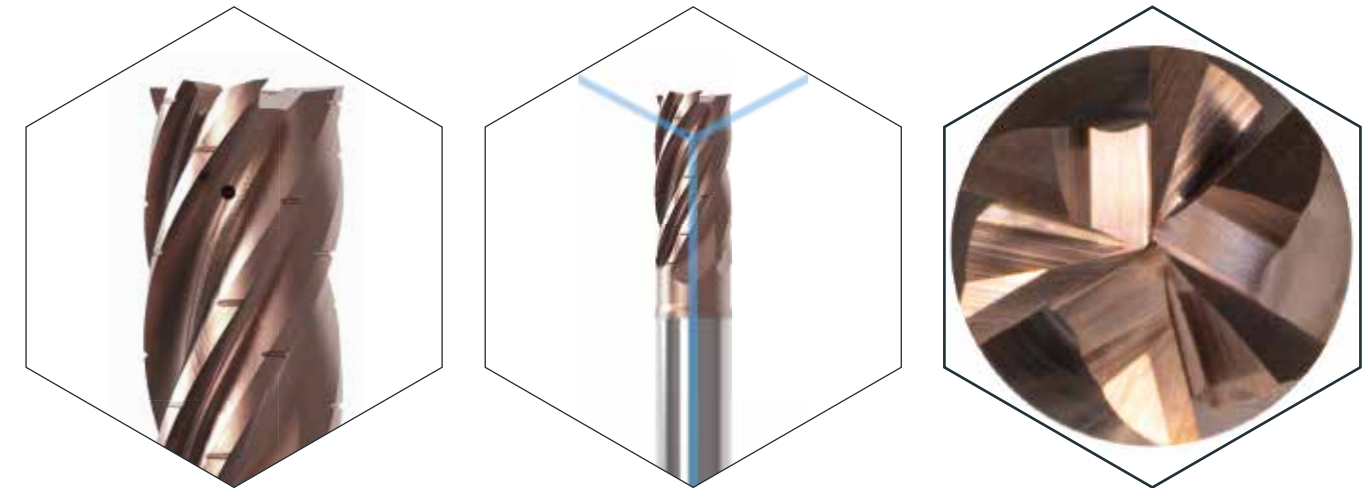
High-performance coatings
guarantee long tool life and prevent
the cutting edges from sticking.

Chip breaker for
reliable roughing of
pockets and contours.

Surface-treated cutting
edge geometry.

Surface-treated cutting
edge geometry.

Solid carbide - thermal shock
resistant in ultra-fine grain with
high fracture toughness.



☐ Order

Order number: _____

☐ Inquiry

Dimensions:

D1: _____ GL: _____ EF: _____
D2: _____ L1: _____ Z: _____
D3: _____ L2: _____

Coating:

☐ Coated*: _____
☐ Uncoated

Cooling channels:

☐ Yes ☐ No

Cutting direction:

☐ Left ☐ Right

Material to be machined:

Shank shape:

Quantity:

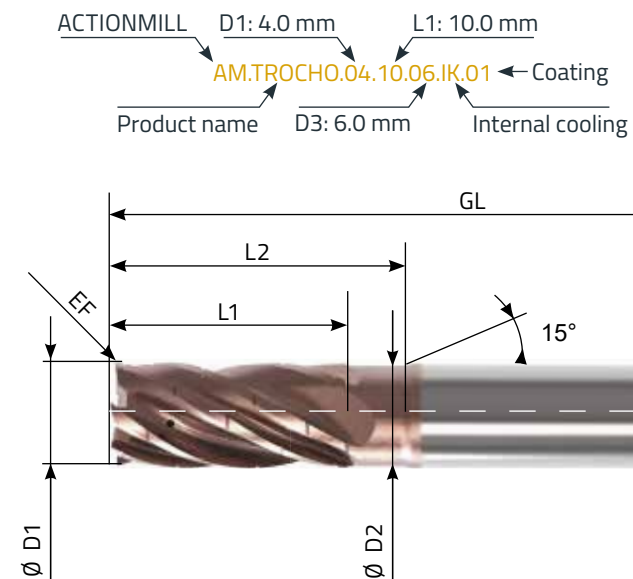
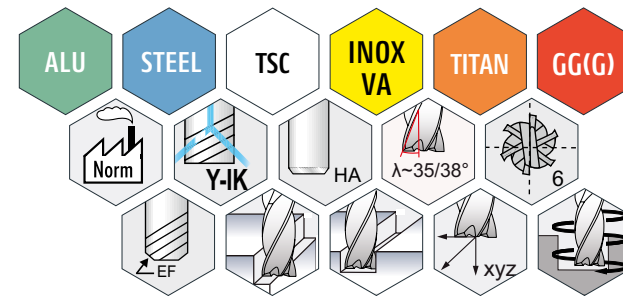
Date, signature & company stamp:

Contact person:

* Without further information, the most suitable coating will be used.



2xD INOX-Trochoid cooled



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

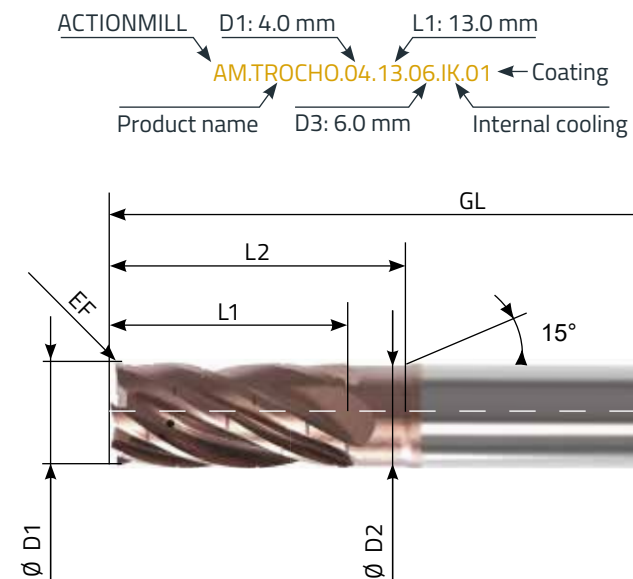
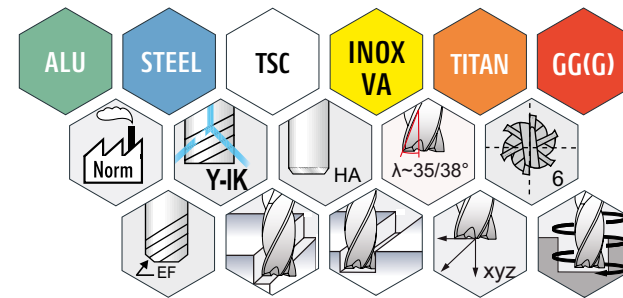
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.10.06.IK.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.TROCHO.04.10.06.IK.01	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.TROCHO.04762.14.06.IK.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.TROCHO.05.14.06.IK.01	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.TROCHO.05556.14.06.IK.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.TROCHO.06.14.06.IK.01	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.TROCHO.0635.14.08.IK.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64.00	.HB
AM.TROCHO.7144.18.08.IK.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.TROCHO.7938.18.08.IK.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.TROCHO.08.18.08.IK.01	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64.00	.HB
AM.TROCHO.9525.22.10.IK.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.TROCHO.10.22.10.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.TROCHO.111125.26.12.IK.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.TROCHO.12.26.12.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.TROCHO.12700.26.14.IK.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.10	84.00	.HB
AM.TROCHO.14.28.24.IK.01	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.10	84.00	.HB
AM.TROCHO.142875.29.16.IK.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.10	83.00	.HB
AM.TROCHO.15875.32.16.IK.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.10	83.00	.HB
AM.TROCHO.16.32.16.IK.01	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.IK.01.HB

Available from stock



3xD INOX-Trochoid cooled



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

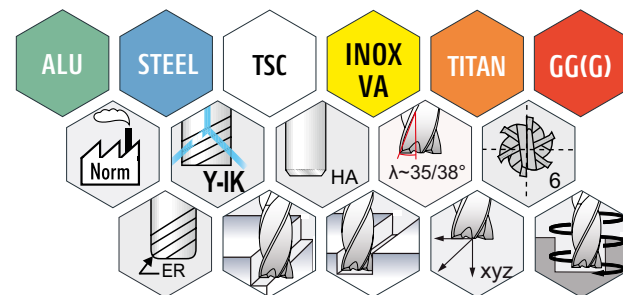
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.13.06.IK.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04.13.06.IK.01	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04762.15.06.IK.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05.15.06.IK.01	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05556.18.06.IK.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.06.18.06.IK.01	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.0635.20.08.IK.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.TROCHO.7144.22.08.IK.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.TROCHO.7938.24.08.IK.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.TROCHO.08.24.08.IK.01	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.TROCHO.9525.30.10.IK.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.10.30.10.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.111125.34.12.IK.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.TROCHO.12.36.12.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.TROCHO.12700.38.14.IK.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.10	84.00	.HB
AM.TROCHO.14.43.24.IK.01	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.10	84.00	.HB
AM.TROCHO.142875.43.16.IK.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.10	83.00	.HB
AM.TROCHO.15875.48.16.IK.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.10	83.00	.HB
AM.TROCHO.16.48.16.IK.01	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.IK.01.HB

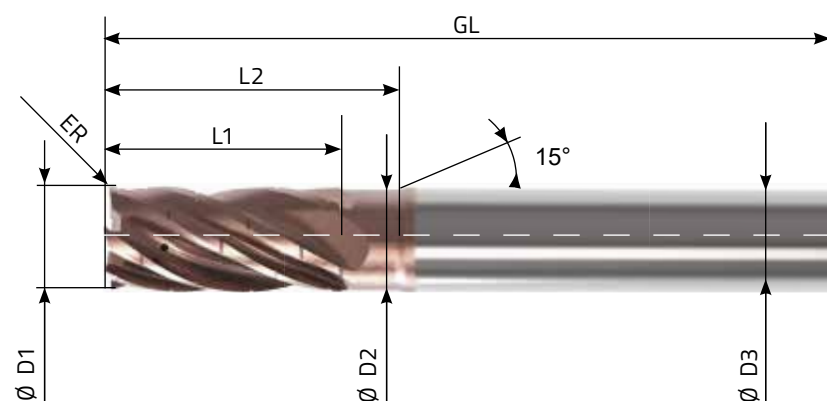
Available from stock



2xD INOX-Trochoid cooled Toric



ACTIONMILL D1: 4.0 mm L1: 10.0 mm
AM.TROCHO.04.10.06.IK.01 ← Coating
Product name D3: 6.0 mm Internal cooling



■ α-INOX coated



5 PRO's of the ACTIONMILL:

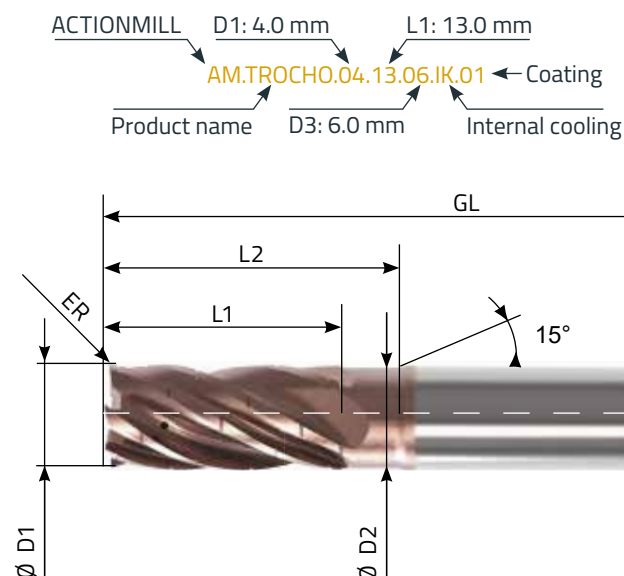
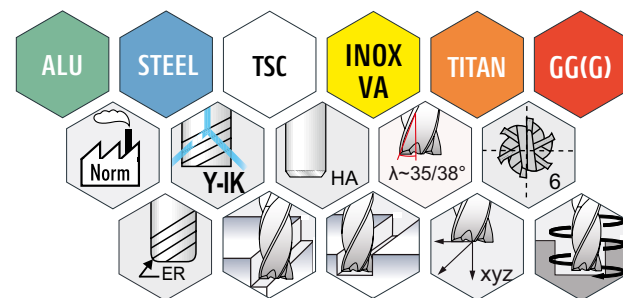
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.10.06.R0254.IK.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.10.06.R0200.IK.01	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.10.06.R0300.IK.01	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.14.06.R0254.IK.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.14.06.R0200.IK.01	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.14.06.R0300.IK.01	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.14.06.R0254.IK.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.14.06.R0200.IK.01	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.14.06.R0300.IK.01	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.14.06.R0500.IK.01	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.14.08.R0254.IK.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.14.08.R0508.IK.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0254.IK.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.18.08.R0508.IK.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0762.IK.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.18.08.R0254.IK.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.18.08.R0508.IK.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.18.08.R0762.IK.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.18.08.R0500.IK.01	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.500	-	64.00	.HB
AM.TROCHO.08.18.08.R0750.IK.01	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.750	-	64.00	.HB
AM.TROCHO.08.18.08.R1000.IK.01	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	1.000	-	64.00	.HB
AM.TROCHO.9525.22.10.R0508.IK.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.22.10.R0762.IK.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.22.10.R1016.IK.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.22.10.R0500.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.500	-	73.00	.HB
AM.TROCHO.10.22.10.R0750.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.750	-	73.00	.HB
AM.TROCHO.10.22.10.R1000.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.000	-	73.00	.HB
AM.TROCHO.10.22.10.R1250.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.250	-	73.00	.HB
AM.TROCHO.111125.26.12.R0508.IK.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.26.12.R0762.IK.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.26.12.R1016.IK.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.26.12.R0500.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.500	-	84.00	.HB
AM.TROCHO.12.26.12.R0750.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.750	-	84.00	.HB
AM.TROCHO.12.26.12.R1000.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.000	-	84.00	.HB
AM.TROCHO.12.26.12.R1250.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.250	-	84.00	.HB
AM.TROCHO.12700.26.14.R0508.IK.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.26.14.R0762.IK.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.26.14.R1016.IK.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.26.14.R1270.IK.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.26.14.R1524.IK.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.28.24.R1000.IK.01	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.14.28.24.R1250.IK.01	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.14.28.24.R1500.IK.01	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.500	-	84.00	.HB
AM.TROCHO.142875.29.16.R0762.IK.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.29.16.R1016.IK.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.29.16.R1270.IK.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.29.16.R1524.IK.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.32.16.R0762.IK.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.32.16.R1016.IK.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.32.16.R1270.IK.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.32.16.R1524.IK.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.32.16.R1000.IK.01	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.000	-	83.00	.HB
AM.TROCHO.16.32.16.R1250.IK.01	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.250	-	83.00	.HB
AM.TROCHO.16.32.16.R1500.IK.01	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.500	-	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.IK.01.HB

Available from stock

3xD INOX-Trochoid cooled Toric



■ α-INOX coated



5 PRO's of the ACTIONMILL:

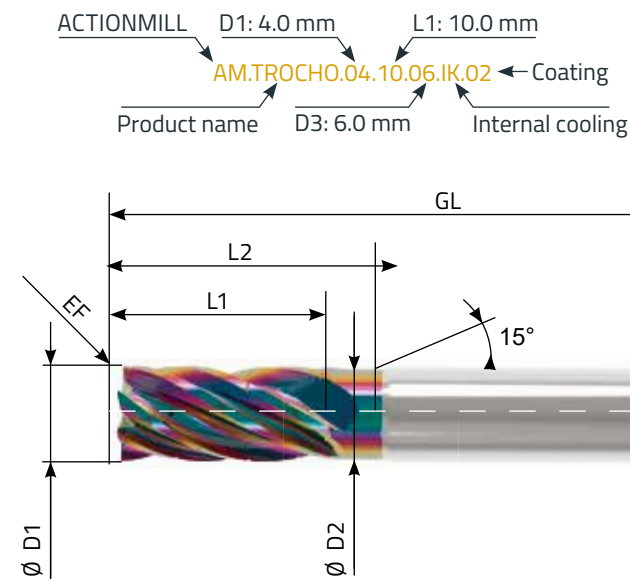
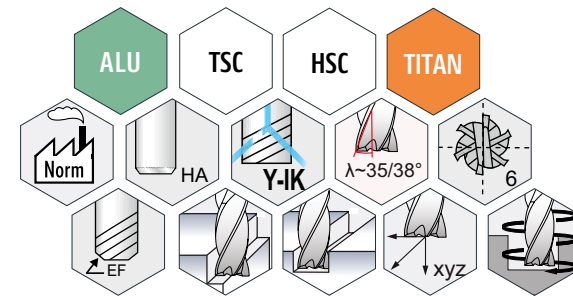
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.13.06.R0254.IK.01	Ø 3.968	5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.13.06.R0200.IK.01	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.13.06.R0300.IK.01	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.15.06.R0254.IK.01	Ø 4.762	3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.15.06.R0200.IK.01	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.15.06.R0300.IK.01	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.18.06.R0254.IK.01	Ø 5.556	7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.18.06.R0200.IK.01	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.18.06.R0300.IK.01	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.18.06.R0500.IK.01	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.20.08.R0254.IK.01	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.20.08.R0508.IK.01	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0254.IK.01	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.22.08.R0508.IK.01	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0762.IK.01	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.24.08.R0254.IK.01	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.24.08.R0508.IK.01	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.24.08.R0762.IK.01	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.24.08.R0500.IK.01	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.500	-	64.00	.HB
AM.TROCHO.08.24.08.R0750.IK.01	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.750	-	64.00	.HB
AM.TROCHO.08.24.08.R1000.IK.01	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	1.000	-	64.00	.HB
AM.TROCHO.9525.30.10.R0508.IK.01	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.30.10.R0762.IK.01	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.30.10.R1016.IK.01	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.30.10.R0500.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.500	-	73.00	.HB
AM.TROCHO.10.30.10.R0750.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.750	-	73.00	.HB
AM.TROCHO.10.30.10.R1000.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.000	-	73.00	.HB
AM.TROCHO.10.30.10.R1250.IK.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.250	-	73.00	.HB
AM.TROCHO.111125.34.12.R0508.IK.01	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.34.12.R0762.IK.01	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.34.12.R1016.IK.01	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.36.12.R0500.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.500	-	84.00	.HB
AM.TROCHO.12.36.12.R0750.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.75	-	84.00	.HB
AM.TROCHO.12.36.12.R1000.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.12.36.12.R1250.IK.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.12700.38.14.R0508.IK.01	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.38.14.R0762.IK.01	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.38.14.R1016.IK.01	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.38.14.R1270.IK.01	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.38.14.R1524.IK.01	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.43.24.R1000.IK.01	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.000	-	84.00	.HB
AM.TROCHO.14.43.24.R1250.IK.01	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.250	-	84.00	.HB
AM.TROCHO.14.43.24.R1500.IK.01	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.500	-	84.00	.HB
AM.TROCHO.142875.43.16.R0762.IK.01	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.43.16.R1016.IK.01	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.43.16.R1270.IK.01	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.43.16.R1524.IK.01	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.48.16.R0762.IK.01	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.48.16.R1016.IK.01	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.48.16.R1270.IK.01	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.48.16.R1524.IK.01	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.48.16.R1000.IK.01	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.000	-	83.00	.HB
AM.TROCHO.16.48.16.R1250.IK.01	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.250	-	83.00	.HB
AM.TROCHO.16.48.16.R1500.IK.01	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.500	-	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.R0200.IK.01.HB

Available from stock

2xD Alu-Trochoid cooled



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

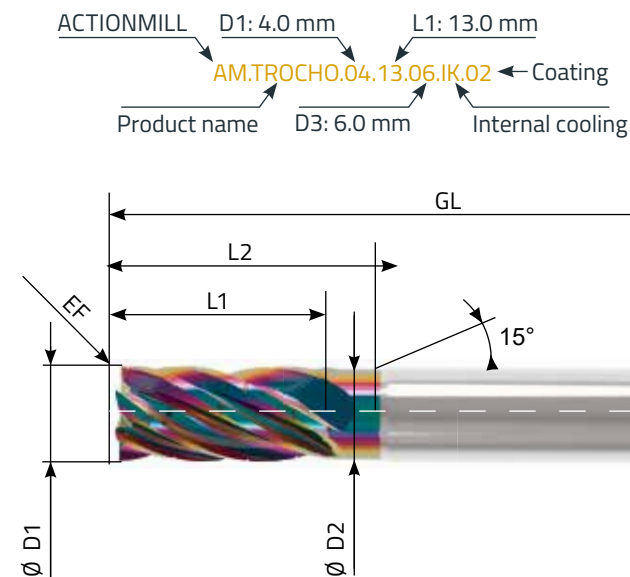
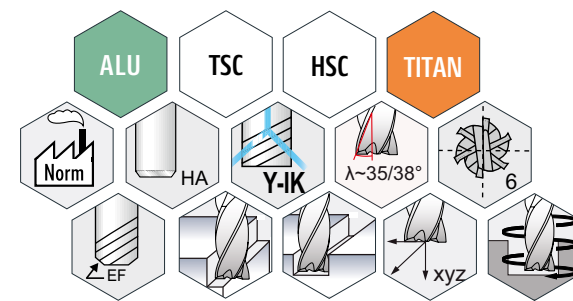
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.10.06.IK.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.TROCHO.04.10.06.IK.02	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.TROCHO.04762.14.06.IK.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.TROCHO.05.14.06.IK.02	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.TROCHO.05556.14.06.IK.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.TROCHO.06.14.06.IK.02	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.TROCHO.0635.14.08.IK.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64.00	.HB
AM.TROCHO.7144.18.08.IK.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.TROCHO.7938.18.08.IK.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.TROCHO.08.18.08.IK.02	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64.00	.HB
AM.TROCHO.9525.22.10.IK.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.TROCHO.10.22.10.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.TROCHO.111125.26.12.IK.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.TROCHO.12.26.12.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.TROCHO.12700.26.14.IK.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.10	84.00	.HB
AM.TROCHO.14.28.24.IK.02	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.10	84.00	.HB
AM.TROCHO.142875.29.16.IK.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.10	83.00	.HB
AM.TROCHO.15875.32.16.IK.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.10	83.00	.HB
AM.TROCHO.16.32.16.IK.02	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.IK.02.HB

Available from stock



3xD Alu-Trochoid cooled



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

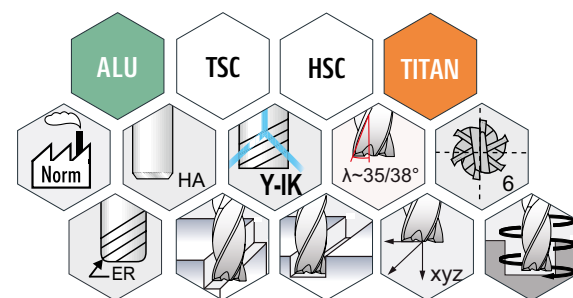
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.13.06.IK.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04.13.06.IK.02	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04762.15.06.IK.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05.15.06.IK.02	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05556.18.06.IK.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.06.18.06.IK.02	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.0635.20.08.IK.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.TROCHO.7144.22.08.IK.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.TROCHO.7938.24.08.IK.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.TROCHO.08.24.08.IK.02	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.TROCHO.9525.30.10.IK.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.10.30.10.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.111125.34.12.IK.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.TROCHO.12.36.12.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.TROCHO.12700.38.14.IK.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.10	84.00	.HB
AM.TROCHO.14.43.24.IK.02	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.10	84.00	.HB
AM.TROCHO.142875.43.16.IK.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.10	83.00	.HB
AM.TROCHO.15875.48.16.IK.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.10	83.00	.HB
AM.TROCHO.16.48.16.IK.02	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.IK.02.HB

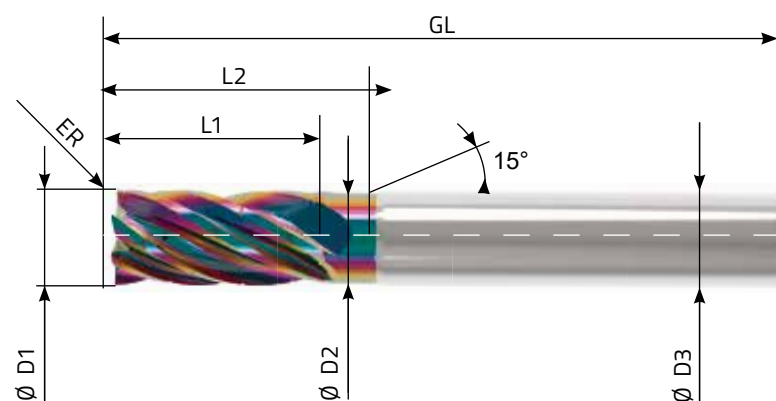
Available from stock



2xD Alu-Trochoid cooled Toric



ACTIONMILL D1: 4.0 mm L1: 10.0 mm
AM.TROCHO.04.10.06.IK.02 ← Coating
Product name D3: 6.0 mm Internal cooling



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

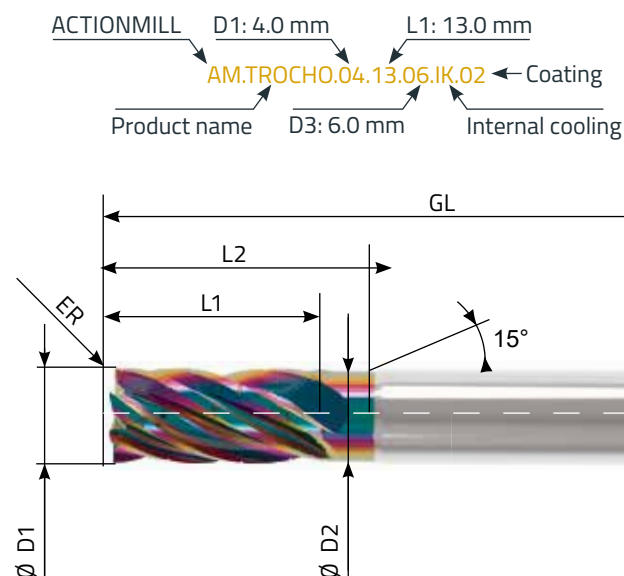
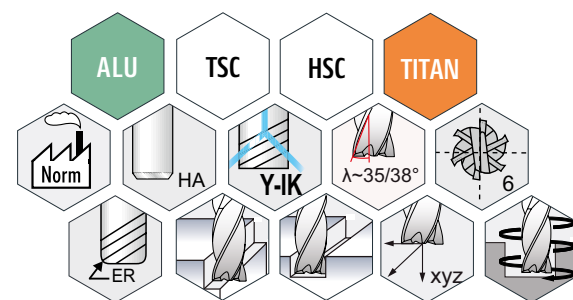
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.10.06.R0254.IK.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.10.06.R0200.IK.02	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.10.06.R0300.IK.02	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.14.06.R0254.IK.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.14.06.R0200.IK.02	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.14.06.R0300.IK.02	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.14.06.R0254.IK.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.14.06.R0200.IK.02	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.14.06.R0300.IK.02	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.14.06.R0500.IK.02	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.14.08.R0254.IK.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.14.08.R0508.IK.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0254.IK.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.18.08.R0508.IK.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0762.IK.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.18.08.R0254.IK.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.18.08.R0508.IK.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.18.08.R0762.IK.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.18.08.R0500.IK.02	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.500	-	64.00	.HB
AM.TROCHO.08.18.08.R0750.IK.02	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.750	-	64.00	.HB
AM.TROCHO.08.18.08.R1000.IK.02	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	1.000	-	64.00	.HB
AM.TROCHO.9525.22.10.R0508.IK.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.22.10.R0762.IK.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.22.10.R1016.IK.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.22.10.R0500.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.500	-	73.00	.HB
AM.TROCHO.10.22.10.R0750.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.750	-	73.00	.HB
AM.TROCHO.10.22.10.R1000.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.000	-	73.00	.HB
AM.TROCHO.10.22.10.R1250.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.250	-	73.00	.HB
AM.TROCHO.111125.26.12.R0508.IK.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.26.12.R0762.IK.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.26.12.R1016.IK.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.26.12.R0500.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.500	-	84.00	.HB
AM.TROCHO.12.26.12.R0750.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.750	-	84.00	.HB
AM.TROCHO.12.26.12.R1000.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.000	-	84.00	.HB
AM.TROCHO.12.26.12.R1250.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.250	-	84.00	.HB
AM.TROCHO.12700.26.14.R0508.IK.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.26.14.R0762.IK.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.26.14.R1016.IK.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.26.14.R1270.IK.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.26.14.R1524.IK.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.28.24.R1000.IK.02	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.14.28.24.R1250.IK.02	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.14.28.24.R1500.IK.02	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.500	-	84.00	.HB
AM.TROCHO.142875.29.16.R0762.IK.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.29.16.R1016.IK.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.29.16.R1270.IK.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.29.16.R1524.IK.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.32.16.R0762.IK.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.32.16.R1016.IK.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.32.16.R1270.IK.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.32.16.R1524.IK.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.32.16.R1000.IK.02	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.000	-	83.00	.HB
AM.TROCHO.16.32.16.R1250.IK.02	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.250	-	83.00	.HB
AM.TROCHO.16.32.16.R1500.IK.02	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.500	-	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.R0200.IK.02.HB

Available from stock

3xD Alu-Trochoid cooled Toric



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

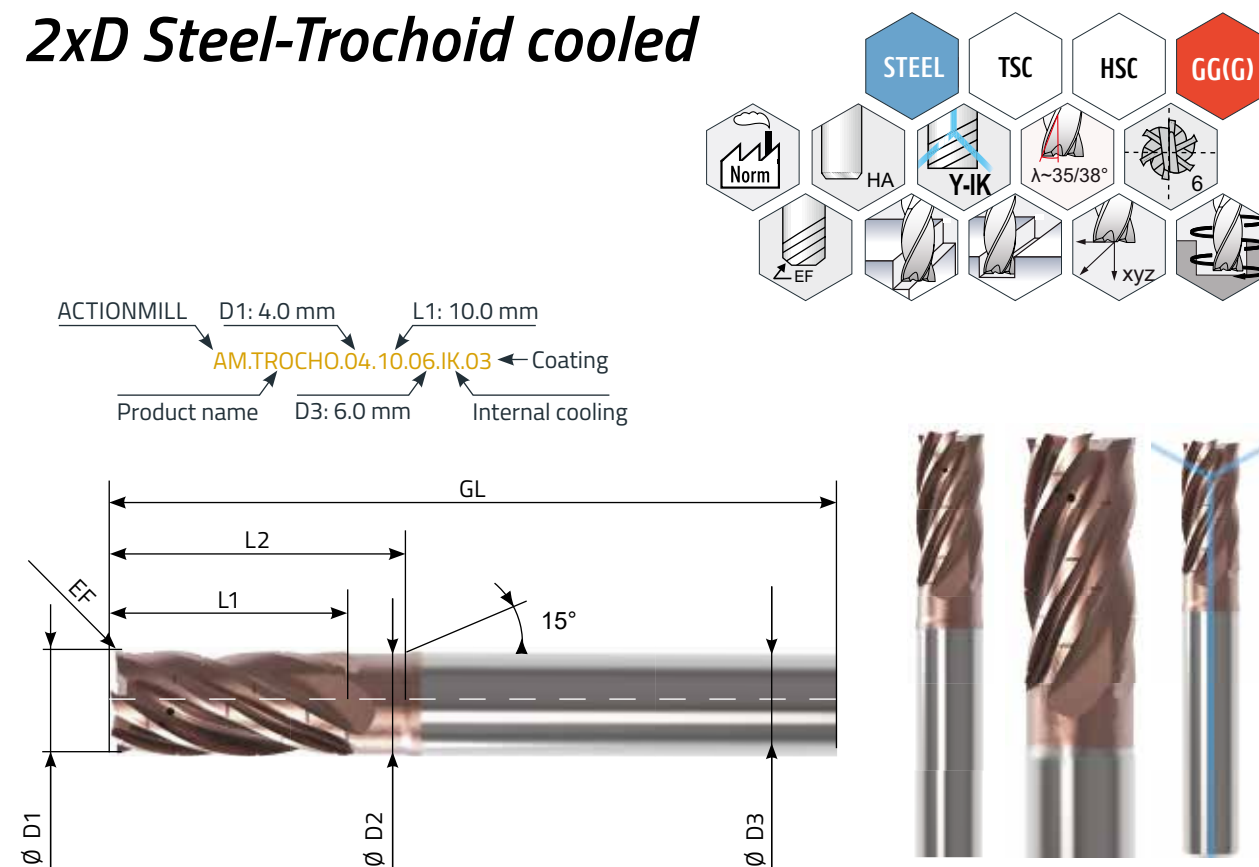
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.13.06.R0254.IK.02	Ø 3.968	5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.13.06.R0200.IK.02	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.13.06.R0300.IK.02	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.15.06.R0254.IK.02	Ø 4.762	3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.15.06.R0200.IK.02	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.15.06.R0300.IK.02	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.18.06.R0254.IK.02	Ø 5.556	7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.18.06.R0200.IK.02	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.18.06.R0300.IK.02	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.18.06.R0500.IK.02	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.20.08.R0254.IK.02	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.20.08.R0508.IK.02	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0254.IK.02	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.22.08.R0508.IK.02	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0762.IK.02	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.24.08.R0254.IK.02	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.24.08.R0508.IK.02	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.24.08.R0762.IK.02	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.24.08.R0500.IK.02	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.500	-	64.00	.HB
AM.TROCHO.08.24.08.R0750.IK.02	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.750	-	64.00	.HB
AM.TROCHO.08.24.08.R1000.IK.02	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	1.000	-	64.00	.HB
AM.TROCHO.9525.30.10.R0508.IK.02	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.30.10.R0762.IK.02	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.30.10.R1016.IK.02	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.30.10.R0500.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.500	-	73.00	.HB
AM.TROCHO.10.30.10.R0750.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.750	-	73.00	.HB
AM.TROCHO.10.30.10.R1000.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.000	-	73.00	.HB
AM.TROCHO.10.30.10.R1250.IK.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.250	-	73.00	.HB
AM.TROCHO.111125.34.12.R0508.IK.02	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.34.12.R0762.IK.02	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.34.12.R1016.IK.02	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.36.12.R0500.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.500	-	84.00	.HB
AM.TROCHO.12.36.12.R0750.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.75	-	84.00	.HB
AM.TROCHO.12.36.12.R1000.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.12.36.12.R1250.IK.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.12700.38.14.R0508.IK.02	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.38.14.R0762.IK.02	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.38.14.R1016.IK.02	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.38.14.R1270.IK.02	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.38.14.R1524.IK.02	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.43.24.R1000.IK.02	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.000	-	84.00	.HB
AM.TROCHO.14.43.24.R1250.IK.02	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.250	-	84.00	.HB
AM.TROCHO.14.43.24.R1500.IK.02	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.500	-	84.00	.HB
AM.TROCHO.142875.43.16.R0762.IK.02	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.43.16.R1016.IK.02	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.43.16.R1270.IK.02	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.43.16.R1524.IK.02	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.48.16.R0762.IK.02	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.48.16.R1016.IK.02	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.48.16.R1270.IK.02	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.48.16.R1524.IK.02	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.48.16.R1000.IK.02	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.000	-	83.00	.HB
AM.TROCHO.16.48.16.R1250.IK.02	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.250	-	83.00	.HB
AM.TROCHO.16.48.16.R1500.IK.02	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.500	-	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.R0200.IK.02.HB

Available from stock

2xD Steel-Trochoid cooled

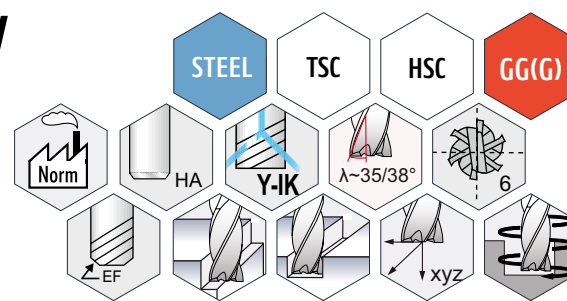


■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner



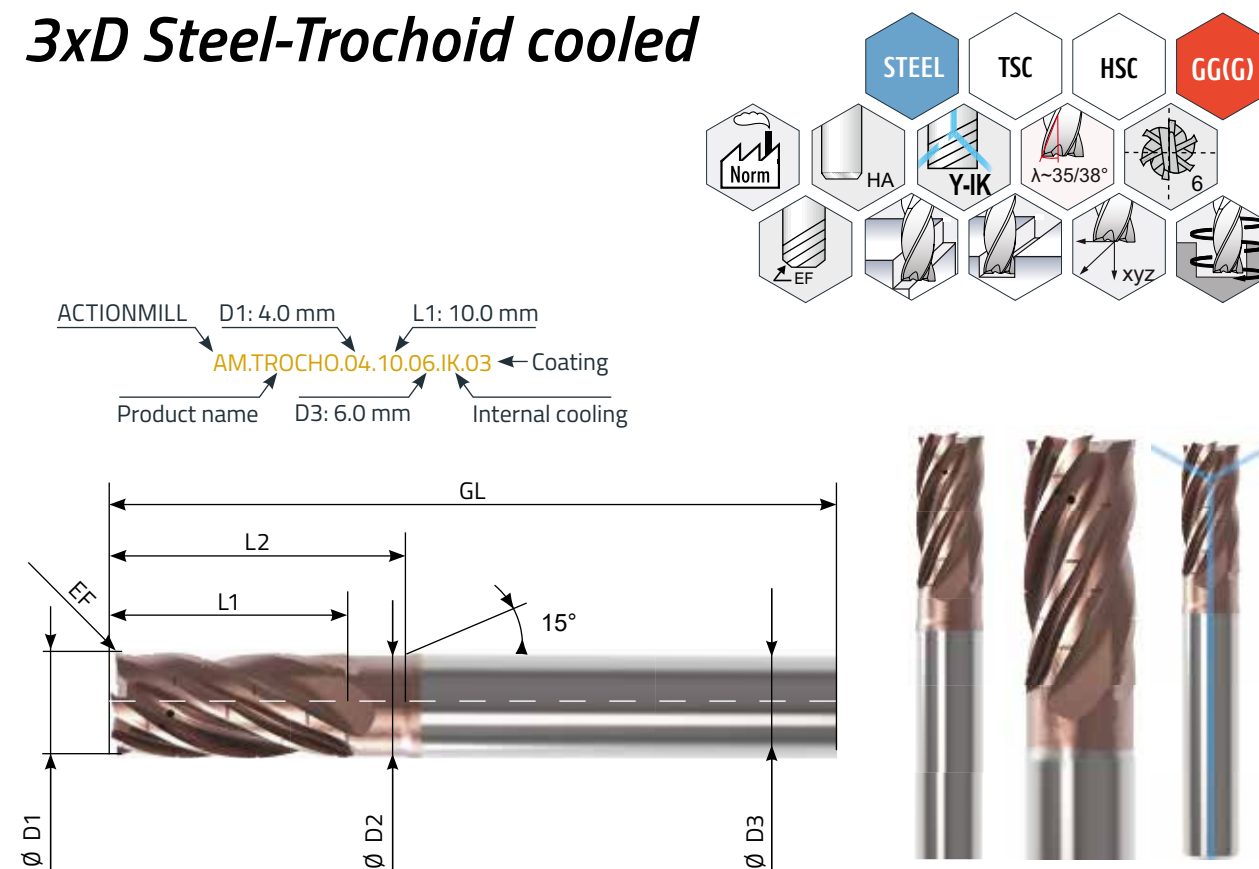
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.10.06.IK.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58	.HB
AM.TROCHO.04.10.06.IK.03	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58	.HB
AM.TROCHO.04762.14.06.IK.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58	.HB
AM.TROCHO.05.14.06.IK.03	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58	.HB
AM.TROCHO.05556.14.06.IK.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58	.HB
AM.TROCHO.06.14.06.IK.03	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58	.HB
AM.TROCHO.0635.14.08.IK.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64	.HB
AM.TROCHO.7144.18.08.IK.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64	.HB
AM.TROCHO.7938.18.08.IK.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64	.HB
AM.TROCHO.08.18.08.IK.03	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64	.HB
AM.TROCHO.9525.22.10.IK.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73	.HB
AM.TROCHO.10.22.10.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73	.HB
AM.TROCHO.111125.26.12.IK.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84	.HB
AM.TROCHO.12.26.12.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84	.HB
AM.TROCHO.12700.26.14.IK.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.10	84	.HB
AM.TROCHO.14.28.24.IK.03	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.10	84	.HB
AM.TROCHO.142875.29.16.IK.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.10	83	.HB
AM.TROCHO.15875.32.16.IK.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.10	83	.HB
AM.TROCHO.16.32.16.IK.03	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.10	83	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.IK.03.HB

Available from stock



3xD Steel-Trochoid cooled

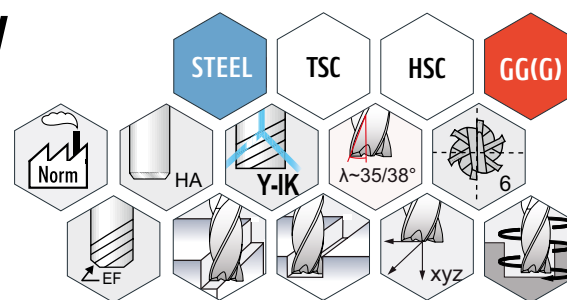


■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner



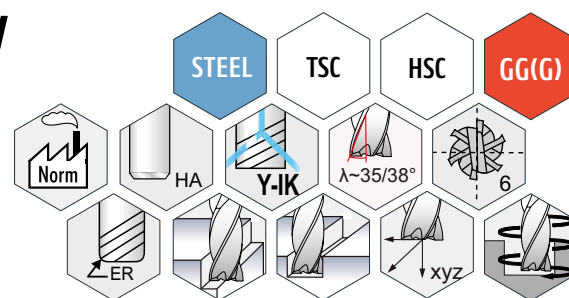
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.13.06.IK.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04.13.06.IK.03	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04762.15.06.IK.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05.15.06.IK.03	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05556.18.06.IK.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.06.18.06.IK.03	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.0635.20.08.IK.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.TROCHO.7144.22.08.IK.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.TROCHO.7938.24.08.IK.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.TROCHO.08.24.08.IK.03	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.TROCHO.9525.30.10.IK.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.10.30.10.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.111125.34.12.IK.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.TROCHO.12.36.12.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.TROCHO.12700.38.14.IK.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.10	84.00	.HB
AM.TROCHO.14.43.24.IK.03	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.10	84.00	.HB
AM.TROCHO.142875.43.16.IK.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.10	83.00	.HB
AM.TROCHO.15875.48.16.IK.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.10	83.00	.HB
AM.TROCHO.16.48.16.IK.03	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.IK.03.HB

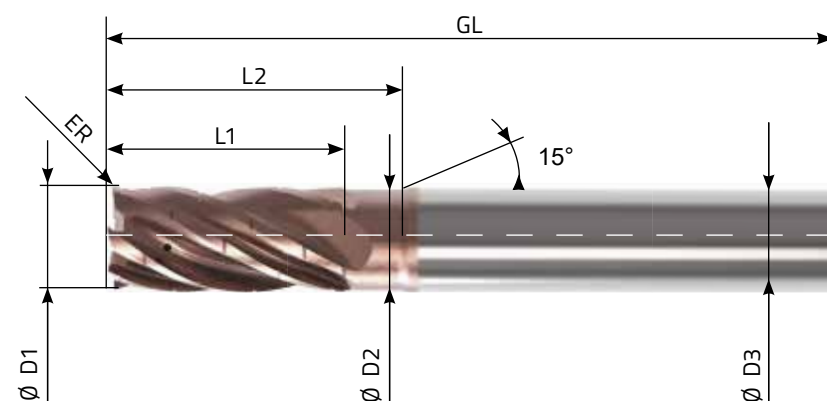
Available from stock



2xD Steel-Trochoid cooled Toric



ACTIONMILL D1: 4.0 mm L1: 10.0 mm
AM.TROCHO.04.10.06.IK.03 ← Coating
Product name D3: 6.0 mm Internal cooling



■ α-INOX coated



5 PRO's of the ACTIONMILL:

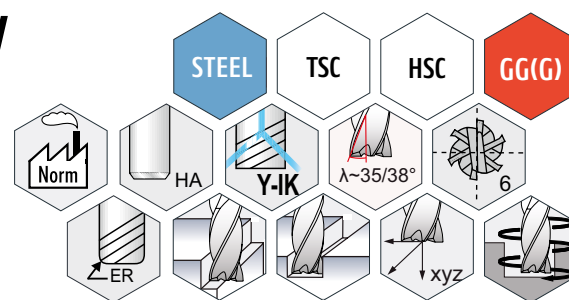
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.10.06.R0254.IK.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.10.06.R0200.IK.03	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.10.06.R0300.IK.03	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.14.06.R0254.IK.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.14.06.R0200.IK.03	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.14.06.R0300.IK.03	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.14.06.R0254.IK.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.14.06.R0200.IK.03	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.14.06.R0300.IK.03	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.14.06.R0500.IK.03	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.14.08.R0254.IK.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.14.08.R0508.IK.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0254.IK.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.18.08.R0508.IK.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0762.IK.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.18.08.R0254.IK.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.18.08.R0508.IK.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.18.08.R0762.IK.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.18.08.R0500.IK.03	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.500	-	64.00	.HB
AM.TROCHO.08.18.08.R0750.IK.03	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.750	-	64.00	.HB
AM.TROCHO.08.18.08.R1000.IK.03	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	1.000	-	64.00	.HB
AM.TROCHO.9525.22.10.R0508.IK.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.22.10.R0762.IK.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.22.10.R1016.IK.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.22.10.R0500.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.500	-	73.00	.HB
AM.TROCHO.10.22.10.R0750.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.750	-	73.00	.HB
AM.TROCHO.10.22.10.R1000.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.000	-	73.00	.HB
AM.TROCHO.10.22.10.R1250.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.250	-	73.00	.HB
AM.TROCHO.111125.26.12.R0508.IK.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.26.12.R0762.IK.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.26.12.R1016.IK.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.26.12.R0500.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.500	-	84.00	.HB
AM.TROCHO.12.26.12.R0750.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.750	-	84.00	.HB
AM.TROCHO.12.26.12.R1000.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.000	-	84.00	.HB
AM.TROCHO.12.26.12.R1250.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.250	-	84.00	.HB
AM.TROCHO.12700.26.14.R0508.IK.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.26.14.R0762.IK.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.26.14.R1016.IK.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.26.14.R1270.IK.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.26.14.R1524.IK.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.28.24.R1000.IK.03	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.14.28.24.R1250.IK.03	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.14.28.24.R1500.IK.03	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.500	-	84.00	.HB
AM.TROCHO.142875.29.16.R0762.IK.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.29.16.R1016.IK.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.29.16.R1270.IK.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.29.16.R1524.IK.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.32.16.R0762.IK.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.32.16.R1016.IK.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.32.16.R1270.IK.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.32.16.R1524.IK.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.32.16.R1000.IK.03	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.000	-	83.00	.HB
AM.TROCHO.16.32.16.R1250.IK.03	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.250	-	83.00	.HB
AM.TROCHO.16.32.16.R1500.IK.03	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.500	-	83.00	.HB

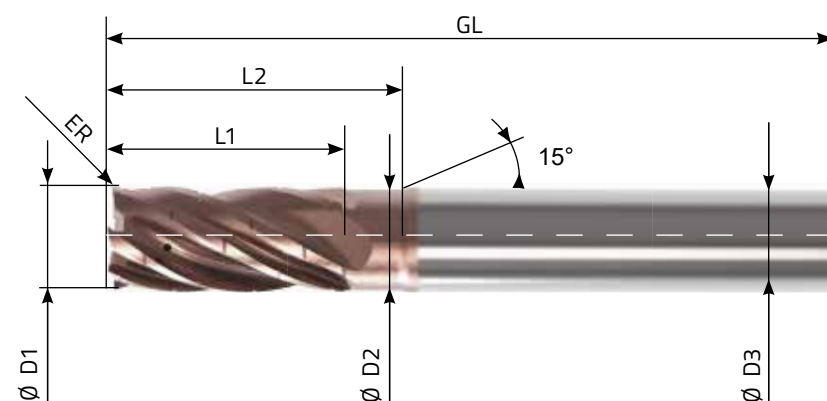
■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.R0200.IK.03.HB

Available from stock

3xD Steel-Trochoid cooled Toric



ACTIONMILL D1: 4.0 mm L1: 10.0 mm
AM.TROCHO.04.10.06.IK.03 ← Coating
Product name D3: 6.0 mm Internal cooling



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- Internal cooling lubricant supply, Y-discharge
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB-Shank
AM.TROCHO.03968.13.06.R0254.IK.03	Ø 3.968	5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.13.06.R0200.IK.03	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.13.06.R0300.IK.03	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.15.06.R0254.IK.03	Ø 4.762	3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.15.06.R0200.IK.03	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.15.06.R0300.IK.03	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.18.06.R0254.IK.03	Ø 5.556	7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.18.06.R0200.IK.03	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.18.06.R0300.IK.03	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.18.06.R0500.IK.03	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.20.08.R0254.IK.03	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.20.08.R0508.IK.03	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0254.IK.03	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.22.08.R0508.IK.03	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0762.IK.03	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.24.08.R0254.IK.03	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.24.08.R0508.IK.03	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.24.08.R0762.IK.03	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.24.08.R0500.IK.03	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.500	-	64.00	.HB
AM.TROCHO.08.24.08.R0750.IK.03	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.750	-	64.00	.HB
AM.TROCHO.08.24.08.R1000.IK.03	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	1.000	-	64.00	.HB
AM.TROCHO.9525.30.10.R0508.IK.03	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.30.10.R0762.IK.03	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.30.10.R1016.IK.03	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.30.10.R0500.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.500	-	73.00	.HB
AM.TROCHO.10.30.10.R0750.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.750	-	73.00	.HB
AM.TROCHO.10.30.10.R1000.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.000	-	73.00	.HB
AM.TROCHO.10.30.10.R1250.IK.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.250	-	73.00	.HB
AM.TROCHO.111125.34.12.R0508.IK.03	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.34.12.R0762.IK.03	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.34.12.R1016.IK.03	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.36.12.R0500.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.500	-	84.00	.HB
AM.TROCHO.12.36.12.R0750.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.75	-	84.00	.HB
AM.TROCHO.12.36.12.R1000.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.12.36.12.R1250.IK.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.12700.38.14.R0508.IK.03	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.38.14.R0762.IK.03	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.38.14.R1016.IK.03	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.38.14.R1270.IK.03	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.38.14.R1524.IK.03	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.43.24.R1000.IK.03	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.000	-	84.00	.HB
AM.TROCHO.14.43.24.R1250.IK.03	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.250	-	84.00	.HB
AM.TROCHO.14.43.24.R1500.IK.03	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.500	-	84.00	.HB
AM.TROCHO.142875.43.16.R0762.IK.03	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.43.16.R1016.IK.03	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.43.16.R1270.IK.03	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.43.16.R1524.IK.03	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.48.16.R0762.IK.03	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.48.16.R1016.IK.03	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.48.16.R1270.IK.03	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.48.16.R1524.IK.03	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.48.16.R1000.IK.03	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.000	-	83.00	.HB
AM.TROCHO.16.48.16.R1250.IK.03	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.250	-	83.00	.HB
AM.TROCHO.16.48.16.R1500.IK.03	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.500	-	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.R0200.IK.03.HB

Available from stock

INOX-Trochoid

Alu-Trochoid

Corner radius or protected and sharp mill corner chamfer.

From Ø 4 to Ø 16 with 6 flutes, vibration-free machining thanks to unequal spacing.

Protected and sharp corner chamfer.

Chip breaker for reliable roughing of pockets and contours.

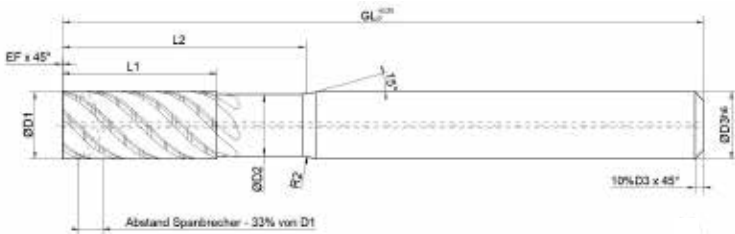
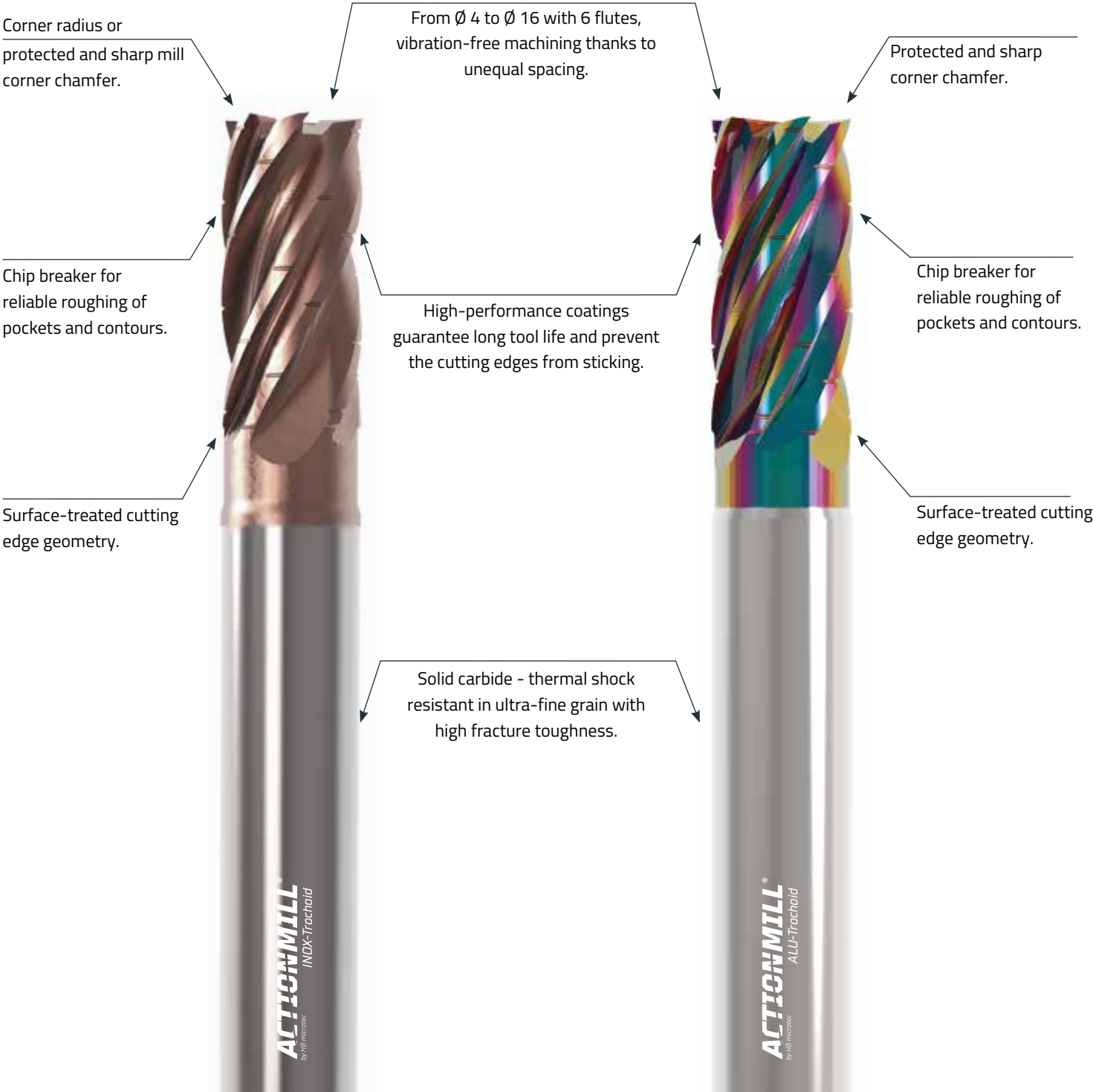
High-performance coatings guarantee long tool life and prevent the cutting edges from sticking.

Chip breaker for reliable roughing of pockets and contours.

Surface-treated cutting edge geometry.

Surface-treated cutting edge geometry.

Solid carbide - thermal shock resistant in ultra-fine grain with high fracture toughness.



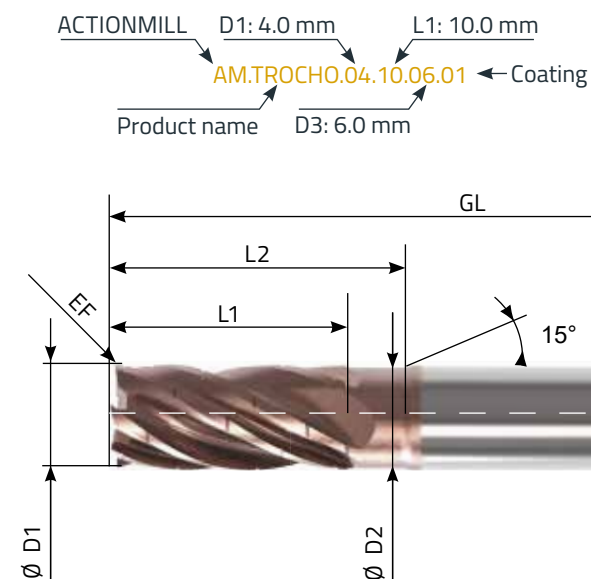
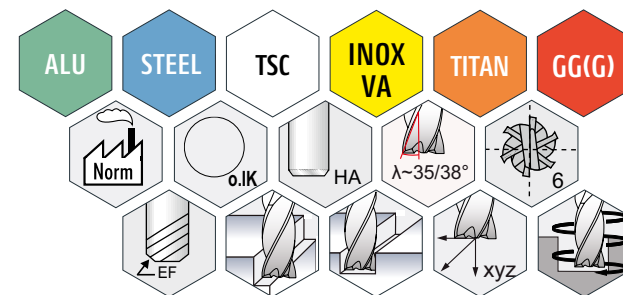
☐ Order Order number: _____ ☐ Inquiry

Dimensions: D1: _____ GL: _____ EF: _____ D2: _____ L1: _____ Z: _____ D3: _____ L2: _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

* Without further information, the most suitable coating will be used.



2xD INOX-Trochoid



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 2xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

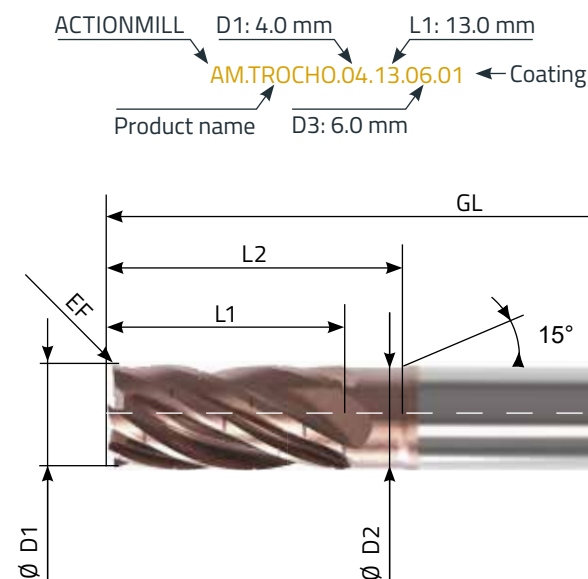
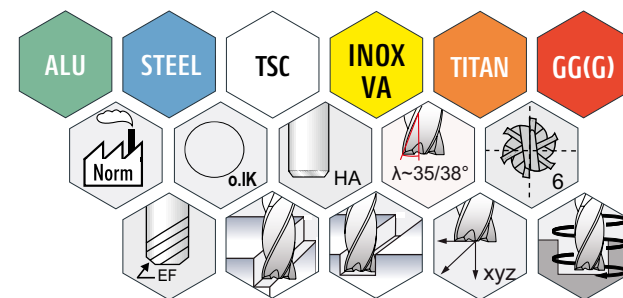
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.10.06.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.TROCHO.04.10.06.01	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.TROCHO.04762.14.06.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.TROCHO.05.14.06.01	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.TROCHO.05556.14.06.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.TROCHO.06.14.06.01	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.TROCHO.0635.14.08.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64.00	.HB
AM.TROCHO.7144.18.08.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.TROCHO.7938.18.08.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.TROCHO.08.18.08.01	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64.00	.HB
AM.TROCHO.9525.22.10.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.TROCHO.10.22.10.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.TROCHO.111125.26.12.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.TROCHO.12.26.12.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.TROCHO.12700.26.14.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.10	84.00	.HB
AM.TROCHO.14.28.24.01	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.10	84.00	.HB
AM.TROCHO.142875.29.16.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.10	83.00	.HB
AM.TROCHO.15875.32.16.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.10	83.00	.HB
AM.TROCHO.16.32.16.01	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.01.HB

Available from stock



3xD INOX-Trochoid



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 3xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

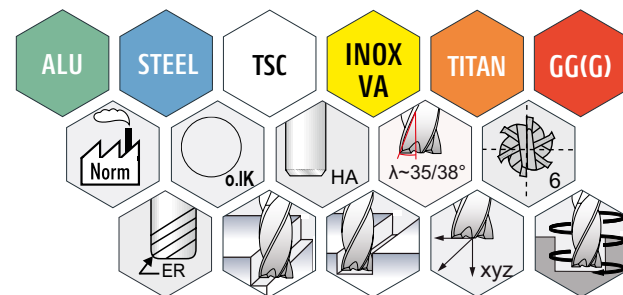
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.13.06.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04.13.06.01	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04762.15.06.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05.15.06.01	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05556.18.06.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.06.18.06.01	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.0635.20.08.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.TROCHO.7144.22.08.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.TROCHO.7938.24.08.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.TROCHO.08.24.08.01	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.TROCHO.9525.30.10.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.10.30.10.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.111125.34.12.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.TROCHO.12.36.12.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.TROCHO.12700.38.14.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.10	84.00	.HB
AM.TROCHO.14.43.24.01	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.10	84.00	.HB
AM.TROCHO.142875.43.16.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.10	83.00	.HB
AM.TROCHO.15875.48.16.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.10	83.00	.HB
AM.TROCHO.16.48.16.01	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.01.HB

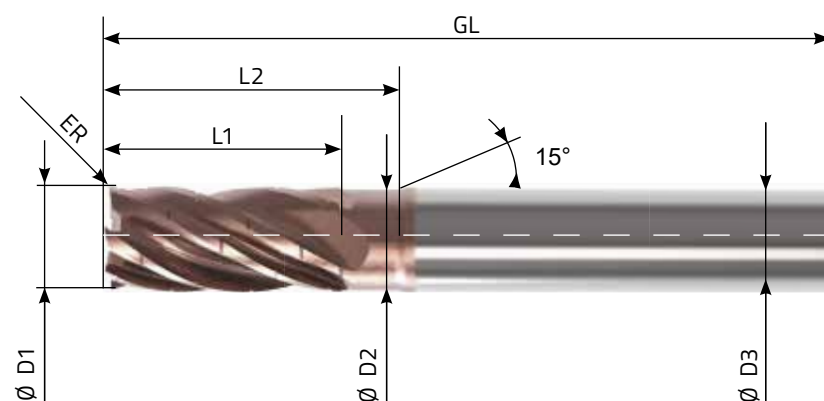
Available from stock



2xD INOX-Trochoid Toric



ACTIONMILL D1: 4.0 mm L1: 10.0 mm
AM.TROCHO.04.10.06.R0200.01 ← Coating
Product name D3: 6.0 mm



■ α-INOX coated



5 PRO's of the ACTIONMILL:

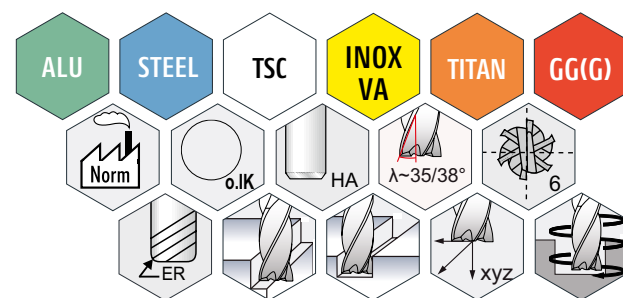
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 2xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.10.06.R0254.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.10.06.R0200.01	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.10.06.R0300.01	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.14.06.R0254.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.14.06.R0200.01	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.14.06.R0300.01	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.14.06.R0254.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.14.06.R0200.01	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.14.06.R0300.01	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.14.06.R0500.01	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.14.08.R0254.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.14.08.R0508.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0254.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.18.08.R0508.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0762.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.18.08.R0254.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.18.08.R0508.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.18.08.R0762.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.18.08.R0500.01	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.500	-	64.00	.HB
AM.TROCHO.08.18.08.R0750.01	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.750	-	64.00	.HB
AM.TROCHO.08.18.08.R1000.01	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	1.000	-	64.00	.HB
AM.TROCHO.9525.22.10.R0508.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.22.10.R0762.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.22.10.R1016.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.22.10.R0500.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.500	-	73.00	.HB
AM.TROCHO.10.22.10.R0750.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.750	-	73.00	.HB
AM.TROCHO.10.22.10.R1000.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.000	-	73.00	.HB
AM.TROCHO.10.22.10.R1250.01	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.250	-	73.00	.HB
AM.TROCHO.111125.26.12.R0508.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.26.12.R0762.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.26.12.R1016.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.26.12.R0500.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.500	-	84.00	.HB
AM.TROCHO.12.26.12.R0750.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.750	-	84.00	.HB
AM.TROCHO.12.26.12.R1000.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.000	-	84.00	.HB
AM.TROCHO.12.26.12.R1250.01	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.250	-	84.00	.HB
AM.TROCHO.12700.26.14.R0508.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.26.14.R0762.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.26.14.R1016.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.26.14.R1270.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.26.14.R1524.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.28.24.R1000.01	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.14.28.24.R1250.01	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.14.28.24.R1500.01	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.500	-	84.00	.HB
AM.TROCHO.142875.29.16.R0762.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.29.16.R1016.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.29.16.R1270.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.29.16.R1524.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.32.16.R0762.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.32.16.R1016.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.32.16.R1270.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.32.16.R1524.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.32.16.R1000.01	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.000	-	83.00	.HB
AM.TROCHO.16.32.16.R1250.01	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.250	-	83.00	.HB
AM.TROCHO.16.32.16.R1500.01	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.500	-	83.00	.HB

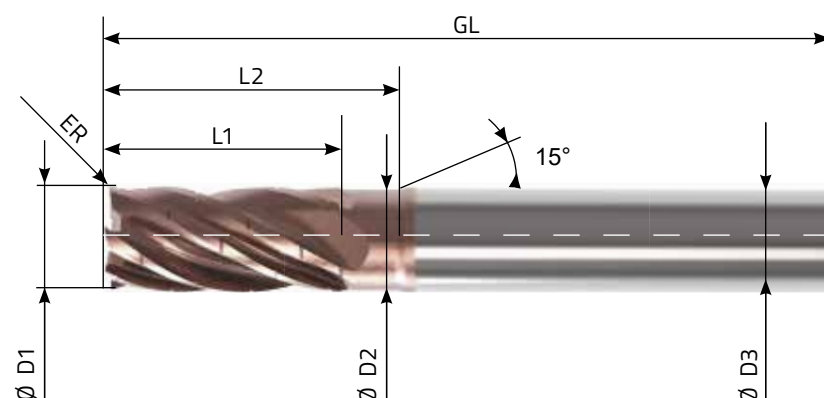
■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.R0200.01.HB

Available from stock

3xD INOX-Trochoid Toric



ACTIONMILL D1: 4.0 mm L1: 10.0 mm
AM.TROCHO.04.13.06.R0200.01 ← Coating
Product name D3: 6.0 mm



■ α-INOX coated



5 PRO's of the ACTIONMILL:

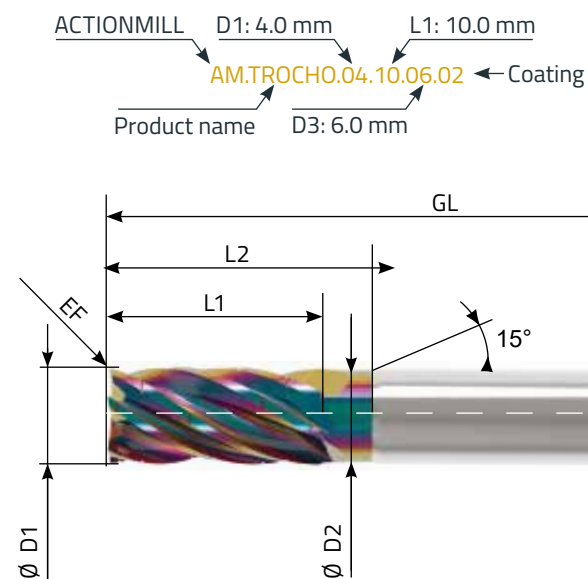
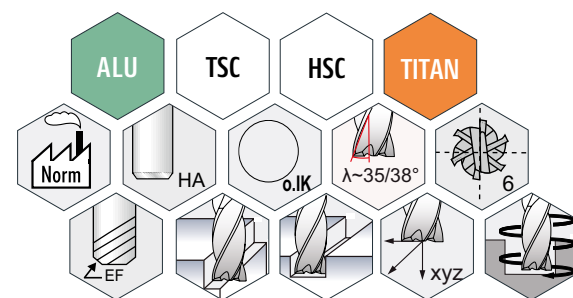
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 3xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.13.06.R0254.01	Ø 3.968	5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.13.06.R0200.01	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.13.06.R0300.01	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.15.06.R0254.01	Ø 4.762	3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.15.06.R0200.01	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.15.06.R0300.01	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.18.06.R0254.01	Ø 5.556	7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.18.06.R0200.01	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.18.06.R0300.01	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.18.06.R0500.01	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.20.08.R0254.01	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.20.08.R0508.01	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0254.01	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.22.08.R0508.01	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0762.01	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.24.08.R0254.01	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.24.08.R0508.01	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.24.08.R0762.01	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.24.08.R0500.01	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.500	-	64.00	.HB
AM.TROCHO.08.24.08.R0750.01	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.750	-	64.00	.HB
AM.TROCHO.08.24.08.R1000.01	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	1.000	-	64.00	.HB
AM.TROCHO.9525.30.10.R0508.01	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.30.10.R0762.01	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.30.10.R1016.01	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.30.10.R0500.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.500	-	73.00	.HB
AM.TROCHO.10.30.10.R0750.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.750	-	73.00	.HB
AM.TROCHO.10.30.10.R1000.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.000	-	73.00	.HB
AM.TROCHO.10.30.10.R1250.01	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.250	-	73.00	.HB
AM.TROCHO.111125.34.12.R0508.01	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.34.12.R0762.01	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.34.12.R1016.01	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.36.12.R0500.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.500	-	84.00	.HB
AM.TROCHO.12.36.12.R0750.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.75	-	84.00	.HB
AM.TROCHO.12.36.12.R1000.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.12.36.12.R1250.01	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.12700.38.14.R0508.01	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.38.14.R0762.01	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.38.14.R1016.01	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.38.14.R1270.01	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.38.14.R1524.01	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.43.24.R1000.01	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.000	-	84.00	.HB
AM.TROCHO.14.43.24.R1250.01	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.250	-	84.00	.HB
AM.TROCHO.14.43.24.R1500.01	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.500	-	84.00	.HB
AM.TROCHO.142875.43.16.R0762.01	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.43.16.R1016.01	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.43.16.R1270.01	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.43.16.R1524.01	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.48.16.R0762.01	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.48.16.R1016.01	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.48.16.R1270.01	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.48.16.R1524.01	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.48.16.R1000.01	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.000	-	83.00	.HB
AM.TROCHO.16.48.16.R1250.01	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.250	-	83.00	.HB
AM.TROCHO.16.48.16.R1500.01	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.500	-	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.R0200.01.HB

Available from stock

2xD Alu-Trochoid



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 2xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

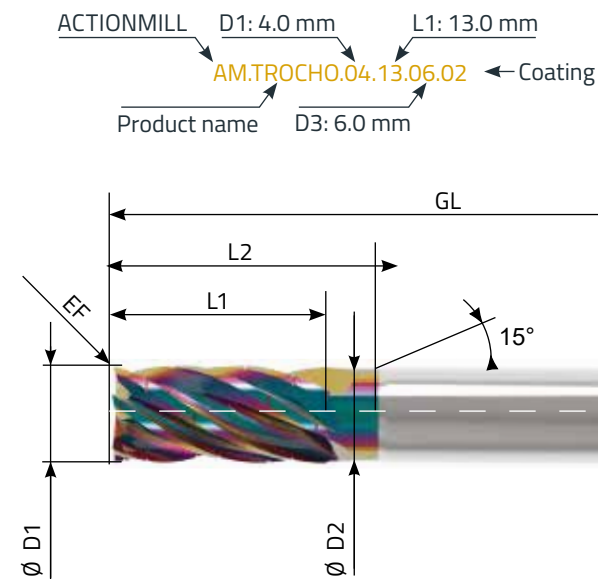
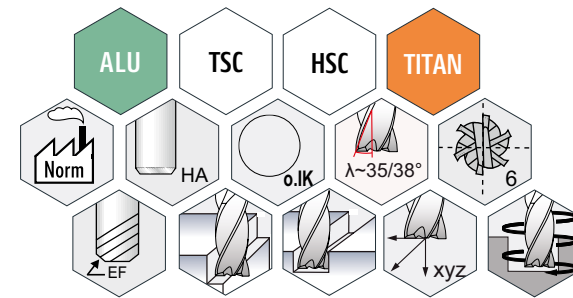
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.10.06.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.TROCHO.04.10.06.02	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.TROCHO.04762.14.06.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.TROCHO.05.14.06.02	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.TROCHO.05556.14.06.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.TROCHO.06.14.06.02	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.TROCHO.0635.14.08.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64.00	.HB
AM.TROCHO.7144.18.08.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.TROCHO.7938.18.08.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.TROCHO.08.18.08.02	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64.00	.HB
AM.TROCHO.9525.22.10.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.TROCHO.10.22.10.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.TROCHO.111125.26.12.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.TROCHO.12.26.12.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.TROCHO.12700.26.14.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.1	84.00	.HB
AM.TROCHO.14.28.24.02	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.1	84.00	.HB
AM.TROCHO.142875.29.16.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.1	83.00	.HB
AM.TROCHO.15875.32.16.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.1	83.00	.HB
AM.TROCHO.16.32.16.02	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.1	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.02.HB

Available from stock



3xD Alu-Trochoid



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 3xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

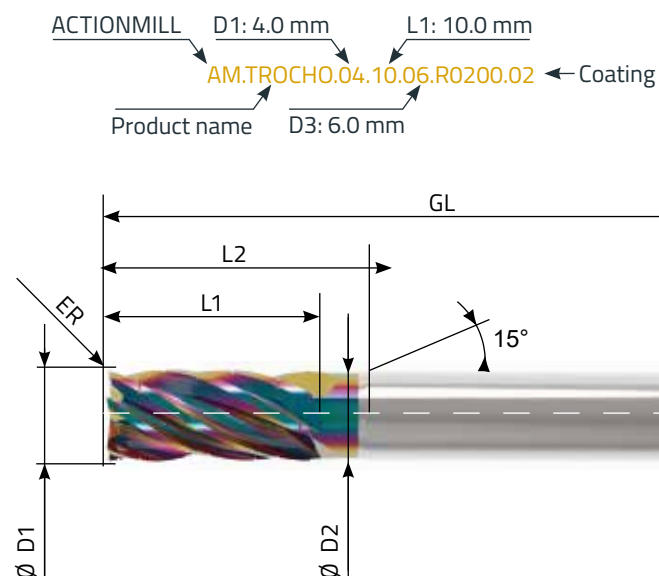
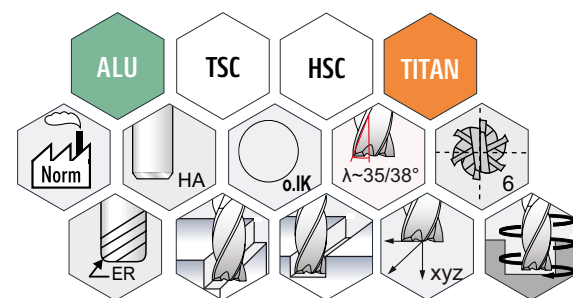
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.13.06.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04.13.06.02	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04762.15.06.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05.15.06.02	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05556.18.06.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.06.18.06.02	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.0635.20.08.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.TROCHO.7144.22.08.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.TROCHO.7938.24.08.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.TROCHO.08.24.08.02	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.TROCHO.9525.30.10.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.10.30.10.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.111125.34.12.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.TROCHO.12.36.12.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.TROCHO.12700.38.14.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.1	84.00	.HB
AM.TROCHO.14.43.24.02	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.1	84.00	.HB
AM.TROCHO.142875.43.16.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.1	83.00	.HB
AM.TROCHO.15875.48.16.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.1	83.00	.HB
AM.TROCHO.16.48.16.02	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.1	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.02.HB

Available from stock



2xD Alu-Trochoid Toric



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

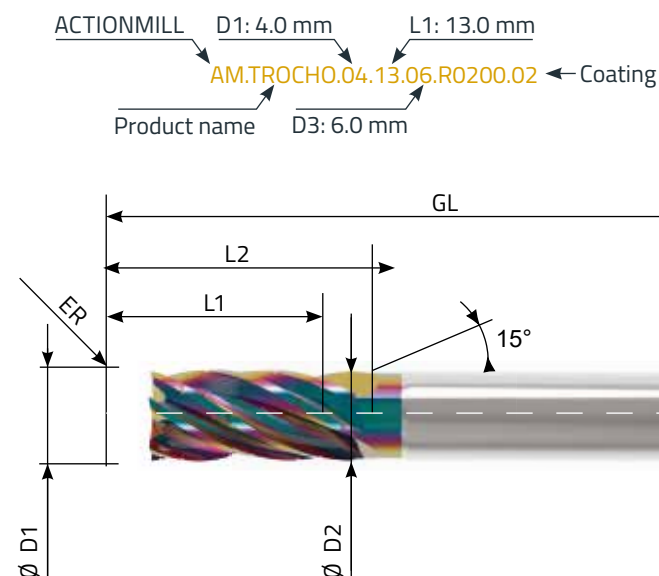
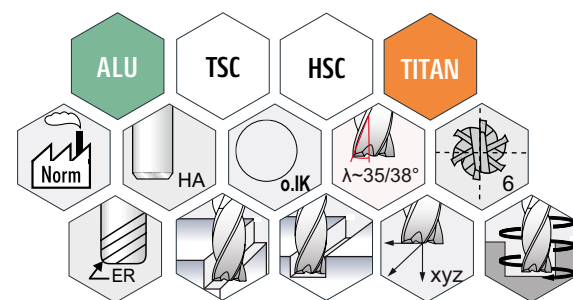
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 2xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.10.06.R0254.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.10.06.R0200.02	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.10.06.R0300.02	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.14.06.R0254.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.14.06.R0200.02	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.14.06.R0300.02	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.14.06.R0254.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.14.06.R0200.02	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.14.06.R0300.02	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.14.06.R0500.02	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.14.08.R0254.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.14.08.R0508.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0254.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.18.08.R0508.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0762.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.18.08.R0254.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.18.08.R0508.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.18.08.R0762.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.18.08.R0500.02	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.500	-	64.00	.HB
AM.TROCHO.08.18.08.R0750.02	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.750	-	64.00	.HB
AM.TROCHO.08.18.08.R1000.02	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	1.000	-	64.00	.HB
AM.TROCHO.9525.22.10.R0508.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.22.10.R0762.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.22.10.R1016.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.22.10.R0500.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.500	-	73.00	.HB
AM.TROCHO.10.22.10.R0750.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.750	-	73.00	.HB
AM.TROCHO.10.22.10.R1000.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.000	-	73.00	.HB
AM.TROCHO.10.22.10.R1250.02	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.250	-	73.00	.HB
AM.TROCHO.111125.26.12.R0508.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.26.12.R0762.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.26.12.R1016.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.26.12.R0500.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.500	-	84.00	.HB
AM.TROCHO.12.26.12.R0750.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.750	-	84.00	.HB
AM.TROCHO.12.26.12.R1000.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.000	-	84.00	.HB
AM.TROCHO.12.26.12.R1250.02	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.250	-	84.00	.HB
AM.TROCHO.12700.26.14.R0508.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.26.14.R0762.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.26.14.R1016.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.26.14.R1270.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.26.14.R1524.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.28.24.R1000.02	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.14.28.24.R1250.02	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.14.28.24.R1500.02	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.500	-	84.00	.HB
AM.TROCHO.142875.29.16.R0762.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.29.16.R1016.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.29.16.R1270.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.29.16.R1524.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.32.16.R0762.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.32.16.R1016.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.32.16.R1270.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.32.16.R1524.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.32.16.R1000.02	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.000	-	83.00	.HB
AM.TROCHO.16.32.16.R1250.02	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.250	-	83.00	.HB
AM.TROCHO.16.32.16.R1500.02	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.500	-	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.R0200.02.HB

Available from stock

3xD Alu-Trochoid Toric



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

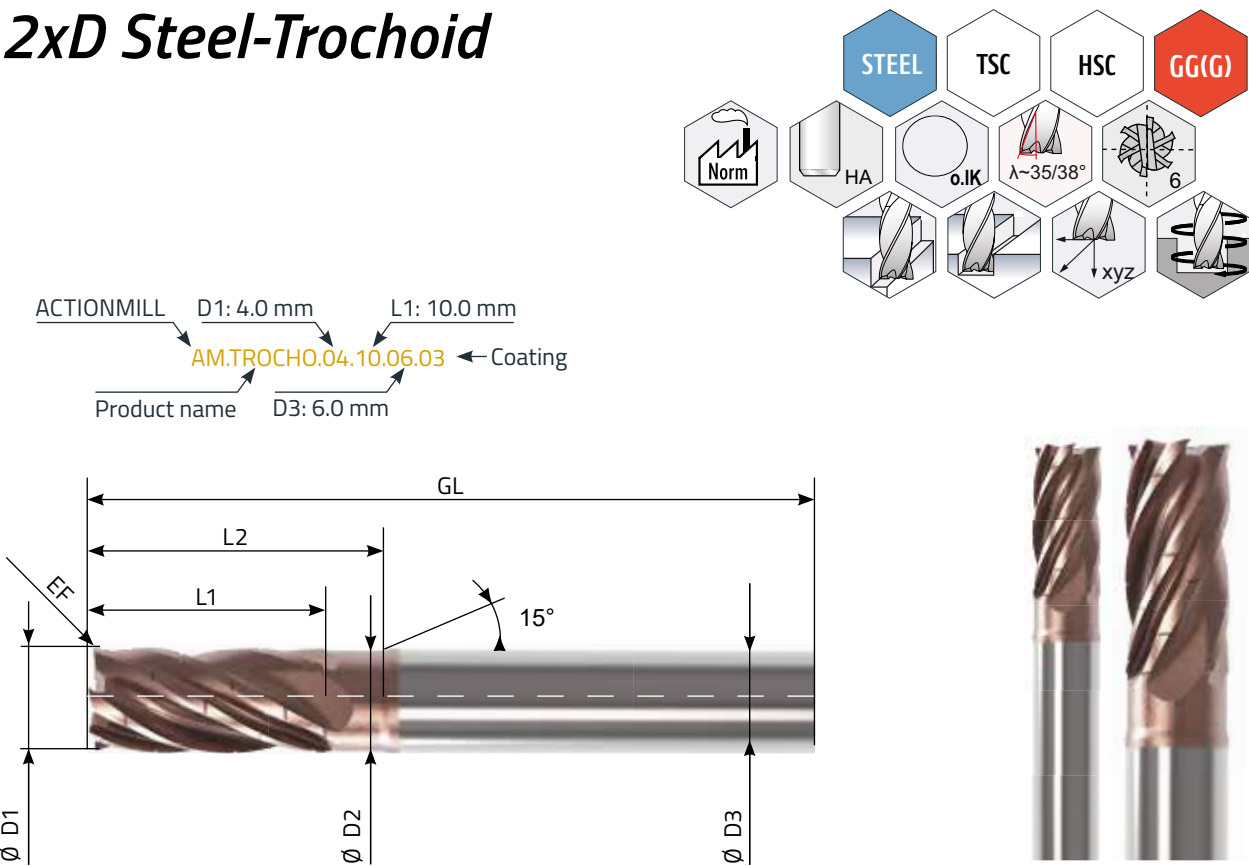
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 3xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.13.06.R0254.02	Ø 3.968	5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.13.06.R0200.02	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.13.06.R0300.02	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.15.06.R0254.02	Ø 4.762	3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.15.06.R0200.02	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.15.06.R0300.02	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.18.06.R0254.02	Ø 5.556	7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.18.06.R0200.02	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.18.06.R0300.02	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.18.06.R0500.02	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.20.08.R0254.02	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.20.08.R0508.02	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0254.02	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.22.08.R0508.02	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0762.02	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.24.08.R0254.02	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.24.08.R0508.02	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.24.08.R0762.02	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.24.08.R0500.02	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.500	-	64.00	.HB
AM.TROCHO.08.24.08.R0750.02	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.750	-	64.00	.HB
AM.TROCHO.08.24.08.R1000.02	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	1.000	-	64.00	.HB
AM.TROCHO.9525.30.10.R0508.02	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.30.10.R0762.02	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.30.10.R1016.02	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.30.10.R0500.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.500	-	73.00	.HB
AM.TROCHO.10.30.10.R0750.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.750	-	73.00	.HB
AM.TROCHO.10.30.10.R1000.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.000	-	73.00	.HB
AM.TROCHO.10.30.10.R1250.02	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.250	-	73.00	.HB
AM.TROCHO.111125.34.12.R0508.02	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.34.12.R0762.02	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.34.12.R1016.02	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.36.12.R0500.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.500	-	84.00	.HB
AM.TROCHO.12.36.12.R0750.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.75	-	84.00	.HB
AM.TROCHO.12.36.12.R1000.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.12.36.12.R1250.02	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.12700.38.14.R0508.02	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.38.14.R0762.02	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.38.14.R1016.02	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.38.14.R1270.02	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.38.14.R1524.02	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.43.24.R1000.02	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.000	-	84.00	.HB
AM.TROCHO.14.43.24.R1250.02	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.250	-	84.00	.HB
AM.TROCHO.14.43.24.R1500.02	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.500	-	84.00	.HB
AM.TROCHO.142875.43.16.R0762.02	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.43.16.R1016.02	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.43.16.R1270.02	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.43.16.R1524.02	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.48.16.R0762.02	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.48.16.R1016.02	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.48.16.R1270.02	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.48.16.R1524.02	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.48.16.R1000.02	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.000	-	83.00	.HB
AM.TROCHO.16.48.16.R1250.02	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.250	-	83.00	.HB
AM.TROCHO.16.48.16.R1500.02	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.500	-	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.R0200.02.HB

Available from stock

2xD Steel-Trochoid



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 2xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

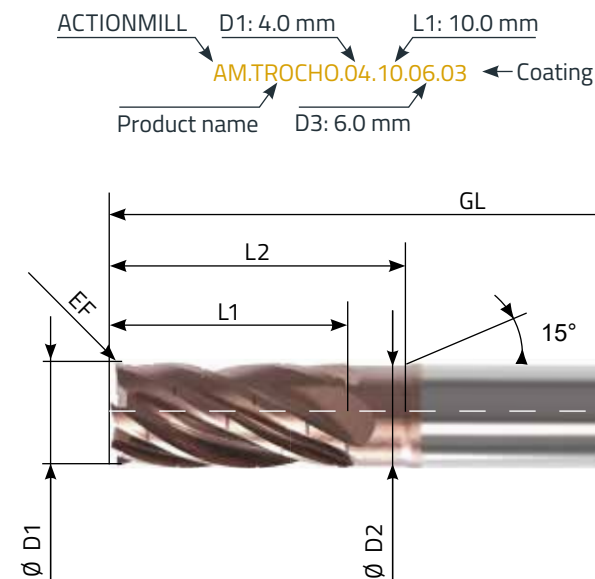
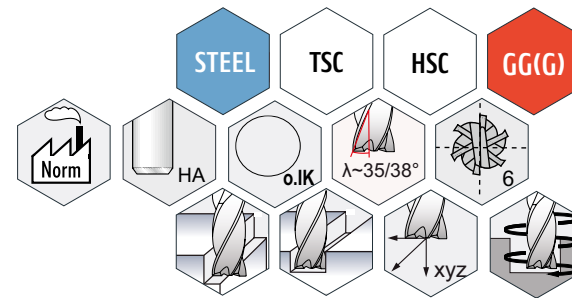
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.10.06.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.TROCHO.04.10.06.03	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.03	58.00	.HB
AM.TROCHO.04762.14.06.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.TROCHO.05.14.06.03	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.03	58.00	.HB
AM.TROCHO.05556.14.06.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.TROCHO.06.14.06.03	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.03	58.00	.HB
AM.TROCHO.0635.14.08.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.03	64.00	.HB
AM.TROCHO.7144.18.08.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.TROCHO.7938.18.08.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.03	64.00	.HB
AM.TROCHO.08.18.08.03	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.05	64.00	.HB
AM.TROCHO.9525.22.10.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.TROCHO.10.22.10.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.05	73.00	.HB
AM.TROCHO.111125.26.12.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.TROCHO.12.26.12.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.05	84.00	.HB
AM.TROCHO.12700.26.14.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.10	84.00	.HB
AM.TROCHO.14.28.24.03	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	0.10	84.00	.HB
AM.TROCHO.142875.29.16.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.10	83.00	.HB
AM.TROCHO.15875.32.16.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.10	83.00	.HB
AM.TROCHO.16.32.16.03	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.03.HB

Available from stock



3xD Steel-Trochoid



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 3xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

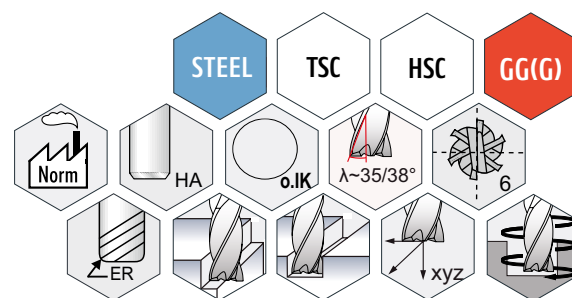
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.13.06.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04.13.06.03	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.03	58.00	.HB
AM.TROCHO.04762.15.06.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05.15.06.03	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.03	58.00	.HB
AM.TROCHO.05556.18.06.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.06.18.06.03	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.03	58.00	.HB
AM.TROCHO.0635.20.08.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.03	64.00	.HB
AM.TROCHO.7144.22.08.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.03	64.00	.HB
AM.TROCHO.7938.24.08.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.03	64.00	.HB
AM.TROCHO.08.24.08.03	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.05	64.00	.HB
AM.TROCHO.9525.30.10.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.10.30.10.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.05	73.00	.HB
AM.TROCHO.111125.34.12.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.05	84.00	.HB
AM.TROCHO.12.36.12.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.05	84.00	.HB
AM.TROCHO.12700.38.14.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.10	84.00	.HB
AM.TROCHO.14.43.24.03	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	0.10	84.00	.HB
AM.TROCHO.142875.43.16.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.10	83.00	.HB
AM.TROCHO.15875.48.16.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.10	83.00	.HB
AM.TROCHO.16.48.16.03	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	0.10	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.03.HB

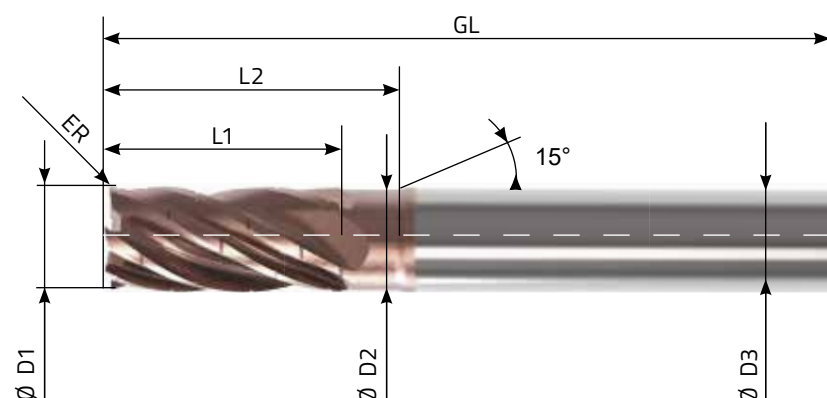
Available from stock



2xD Steel-Trochoid Toric



ACTIONMILL D1: 4.0 mm L1: 10.0 mm
AM.TROCHO.04.10.06.R0200.03 ← Coating
Product name D3: 6.0 mm



■ α-INOX coated



5 PRO's of the ACTIONMILL:

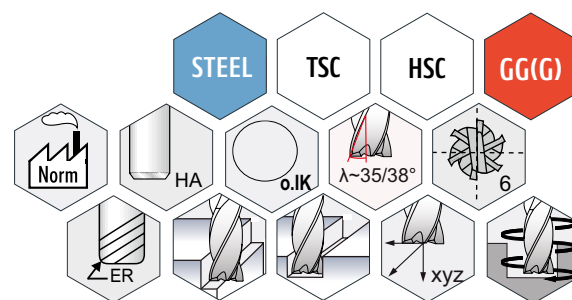
- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 2xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.10.06.R0254.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	10.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.10.06.R0200.03	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.10.06.R0300.03	Ø 4.000	-	Ø 3.80	Ø 6.00	10.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.14.06.R0254.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	14.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.14.06.R0200.03	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.14.06.R0300.03	Ø 5.000	-	Ø 4.80	Ø 6.00	14.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.14.06.R0254.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	14.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.14.06.R0200.03	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.14.06.R0300.03	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.14.06.R0500.03	Ø 6.000	-	Ø 5.70	Ø 6.00	14.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.14.08.R0254.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.14.08.R0508.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	14.00	22.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0254.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.18.08.R0508.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.18.08.R0762.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.18.08.R0254.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.18.08.R0508.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.18.08.R0762.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	18.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.18.08.R0500.03	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.500	-	64.00	.HB
AM.TROCHO.08.18.08.R0750.03	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	0.750	-	64.00	.HB
AM.TROCHO.08.18.08.R1000.03	Ø 8.000	-	Ø 7.80	Ø 8.00	18.00	26.00	1.000	-	64.00	.HB
AM.TROCHO.9525.22.10.R0508.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.22.10.R0762.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.22.10.R1016.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	22.00	32.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.22.10.R0500.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.500	-	73.00	.HB
AM.TROCHO.10.22.10.R0750.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	0.750	-	73.00	.HB
AM.TROCHO.10.22.10.R1000.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.000	-	73.00	.HB
AM.TROCHO.10.22.10.R1250.03	Ø 10.000	-	Ø 9.70	Ø 10.00	22.00	32.00	1.250	-	73.00	.HB
AM.TROCHO.111125.26.12.R0508.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.26.12.R0762.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.26.12.R1016.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	26.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.26.12.R0500.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.500	-	84.00	.HB
AM.TROCHO.12.26.12.R0750.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	0.750	-	84.00	.HB
AM.TROCHO.12.26.12.R1000.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.000	-	84.00	.HB
AM.TROCHO.12.26.12.R1250.03	Ø 12.000	-	Ø 11.70	Ø 12.00	26.00	36.00	1.250	-	84.00	.HB
AM.TROCHO.12700.26.14.R0508.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.26.14.R0762.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.26.14.R1016.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.26.14.R1270.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.26.14.R1524.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	28.00	36.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.28.24.R1000.03	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.14.28.24.R1250.03	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.14.28.24.R1500.03	Ø 14.000	-	Ø 13.70	Ø 14.00	31.00	40.00	1.500	-	84.00	.HB
AM.TROCHO.142875.29.16.R0762.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.29.16.R1016.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.29.16.R1270.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.29.16.R1524.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	32.00	40.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.32.16.R0762.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.32.16.R1016.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.32.16.R1270.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.32.16.R1524.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	35.00	43.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.32.16.R1000.03	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.000	-	83.00	.HB
AM.TROCHO.16.32.16.R1250.03	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.250	-	83.00	.HB
AM.TROCHO.16.32.16.R1500.03	Ø 16.000	-	Ø 15.70	Ø 16.00	35.00	43.00	1.500	-	83.00	.HB

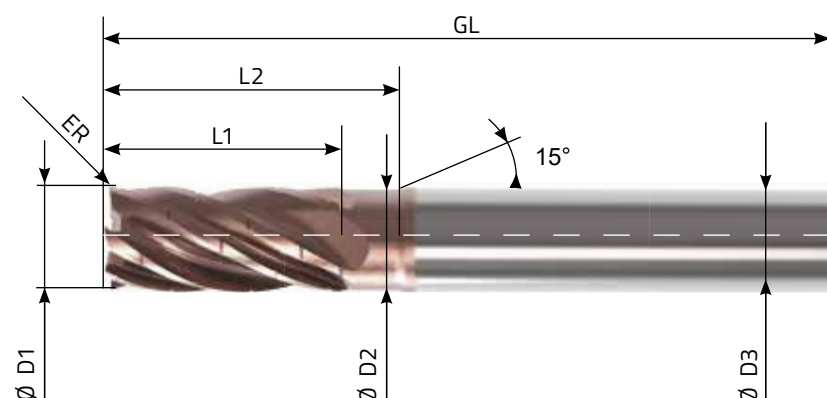
■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.10.06.R0200.03.HB

Available from stock

3xD Steel-Trochoid Toric



ACTIONMILL D1: 4.0 mm L1: 10.0 mm
AM.TROCHO.04.10.06.03 ← Coating
Product name D3: 6.0 mm



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 3xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

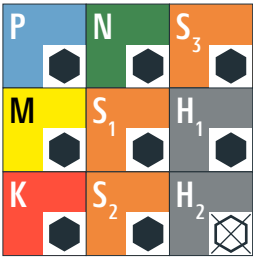
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB-Shank
AM.TROCHO.03968.13.06.R0254.03	Ø 3.968	5/32"	Ø 3.80	Ø 6.00	13.00	18.00	0.254	0.01	58.00	.HB
AM.TROCHO.04.13.06.R0200.03	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.200	-	58.00	.HB
AM.TROCHO.04.13.06.R0300.03	Ø 4.000	-	Ø 3.80	Ø 6.00	13.00	18.00	0.300	-	58.00	.HB
AM.TROCHO.04762.15.06.R0254.03	Ø 4.762	3/16"	Ø 4.50	Ø 6.00	15.00	20.00	0.254	0.01	58.00	.HB
AM.TROCHO.05.15.06.R0200.03	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.200	-	58.00	.HB
AM.TROCHO.05.15.06.R0300.03	Ø 5.000	-	Ø 4.80	Ø 6.00	15.00	20.00	0.300	-	58.00	.HB
AM.TROCHO.05556.18.06.R0254.03	Ø 5.556	7/32"	Ø 5.20	Ø 6.00	18.00	22.00	0.254	0.01	58.00	.HB
AM.TROCHO.06.18.06.R0200.03	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.200	-	58.00	.HB
AM.TROCHO.06.18.06.R0300.03	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.300	-	58.00	.HB
AM.TROCHO.06.18.06.R0500.03	Ø 6.000	-	Ø 5.70	Ø 6.00	18.00	22.00	0.500	-	58.00	.HB
AM.TROCHO.0635.20.08.R0254.03	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.254	0.01	64.00	.HB
AM.TROCHO.0635.20.08.R0508.03	Ø 6.350	1/4"	Ø 6.00	Ø 8.00	20.00	24.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0254.03	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.254	0.01	64.00	.HB
AM.TROCHO.7144.22.08.R0508.03	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.508	0.02	64.00	.HB
AM.TROCHO.7144.22.08.R0762.03	Ø 7.144	9/32"	Ø 6.90	Ø 8.00	22.00	26.00	0.762	0.03	64.00	.HB
AM.TROCHO.7938.24.08.R0254.03	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.254	0.01	64.00	.HB
AM.TROCHO.7938.24.08.R0508.03	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.508	0.02	64.00	.HB
AM.TROCHO.7938.24.08.R0762.03	Ø 7.938	5/16"	Ø 7.80	Ø 8.00	24.00	28.00	0.762	0.03	64.00	.HB
AM.TROCHO.08.24.08.R0500.03	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.500	-	64.00	.HB
AM.TROCHO.08.24.08.R0750.03	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	0.750	-	64.00	.HB
AM.TROCHO.08.24.08.R1000.03	Ø 8.000	-	Ø 7.80	Ø 8.00	24.00	28.00	1.000	-	64.00	.HB
AM.TROCHO.9525.30.10.R0508.03	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.508	0.02	73.00	.HB
AM.TROCHO.9525.30.10.R0762.03	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	0.762	0.03	73.00	.HB
AM.TROCHO.9525.30.10.R1016.03	Ø 9.525	3/8"	Ø 9.20	Ø 10.00	30.00	36.00	1.016	0.04	73.00	.HB
AM.TROCHO.10.30.10.R0500.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.500	-	73.00	.HB
AM.TROCHO.10.30.10.R0750.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	0.750	-	73.00	.HB
AM.TROCHO.10.30.10.R1000.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.000	-	73.00	.HB
AM.TROCHO.10.30.10.R1250.03	Ø 10.000	-	Ø 9.70	Ø 10.00	30.00	36.00	1.250	-	73.00	.HB
AM.TROCHO.111125.34.12.R0508.03	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.508	0.02	84.00	.HB
AM.TROCHO.111125.34.12.R0762.03	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	0.762	0.03	84.00	.HB
AM.TROCHO.111125.34.12.R1016.03	Ø 11.1125	7/16"	Ø 10.80	Ø 12.00	34.00	38.00	1.016	0.04	84.00	.HB
AM.TROCHO.12.36.12.R0500.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.500	-	84.00	.HB
AM.TROCHO.12.36.12.R0750.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	0.75	-	84.00	.HB
AM.TROCHO.12.36.12.R1000.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.000	-	84.00	.HB
AM.TROCHO.12.36.12.R1250.03	Ø 12.000	-	Ø 11.70	Ø 12.00	36.00	40.00	1.250	-	84.00	.HB
AM.TROCHO.12700.38.14.R0508.03	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.508	0.02	84.00	.HB
AM.TROCHO.12700.38.14.R0762.03	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	0.762	0.03	84.00	.HB
AM.TROCHO.12700.38.14.R1016.03	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.016	0.04	84.00	.HB
AM.TROCHO.12700.38.14.R1270.03	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.270	0.05	84.00	.HB
AM.TROCHO.12700.38.14.R1524.03	Ø 12.700	1/2"	Ø 12.40	Ø 14.00	38.00	42.00	1.524	0.06	84.00	.HB
AM.TROCHO.14.43.24.R1000.03	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.000	-	84.00	.HB
AM.TROCHO.14.43.24.R1250.03	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.250	-	84.00	.HB
AM.TROCHO.14.43.24.R1500.03	Ø 14.000	-	Ø 13.70	Ø 14.00	43.00	48.00	1.500	-	84.00	.HB
AM.TROCHO.142875.43.16.R0762.03	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	0.762	0.03	83.00	.HB
AM.TROCHO.142875.43.16.R1016.03	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.016	0.04	83.00	.HB
AM.TROCHO.142875.43.16.R1270.03	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.270	0.05	83.00	.HB
AM.TROCHO.142875.43.16.R1524.03	Ø 14.2875	9/16"	Ø 13.90	Ø 16.00	43.00	48.00	1.524	0.06	83.00	.HB
AM.TROCHO.15875.48.16.R0762.03	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	0.762	0.03	83.00	.HB
AM.TROCHO.15875.48.16.R1016.03	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.016	0.04	83.00	.HB
AM.TROCHO.15875.48.16.R1270.03	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.270	0.05	83.00	.HB
AM.TROCHO.15875.48.16.R1524.03	Ø 15.875	5/8"	Ø 15.50	Ø 16.00	48.00	52.00	1.524	0.06	83.00	.HB
AM.TROCHO.16.48.16.R1000.03	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.000	-	83.00	.HB
AM.TROCHO.16.48.16.R1250.03	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.250	-	83.00	.HB
AM.TROCHO.16.48.16.R1500.03	Ø 16.000	-	Ø 15.70	Ø 16.00	48.00	52.00	1.500	-	83.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.13.06.R0200.03.HB

Available from stock



INOX-Trochoid cooled / INOX-Trochoid
ALU-Trochoid cooled / ALU-Trochoid
Steel-Trochoid cooled / Steel-Trochoid



Material group	Material group	Mat. no.	DIN	AISI/ASTM/UNS
P	Steels up to RM < 1200N/mm ²	1.0044	S275JR	AISI 1020
		1.0715	11SMn30	AISI 1215
		1.7131	16MnCr5	AISI 5115
		1.3505	100Cr6	AISI 52100
		1.7225	42CrMo4	AISI 4140
M	Stainless steels: ferritic, martensitic, austenitic	1.4034	X46Cr13	AISI 420C
		1.4542	X5CrNiCuNb 16-4	AISI 630 / ASTM 17-4 PH
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH
		1.4301	X5CrNi 18-10	AISI 304
		1.4435	X2CrNiMo 18-14-3	AISI 316L
K	Cast iron	0.6020	GG20	ASTM 30
		0.6030	GG30	ASTM 40B
		0.7040	GGG40	ASTM 60-40-18
		0.7060	GGG60	ASTM 80-60-03
N	Non-ferrous metals	3.2315	AlMgSi1	ASTM 6351
		2.0065	Cu-ETP / CW004A	UNS C11000
		2.0321	CuZn37 CW508L	UNS C27400
		2.0401	CuZn39Pb3 / CW614N	UNS C38500
		2.0966	CuAl10Ni5Fe4	UNS C63000
S (S1, S2, S3)	Heat-resistant steels, titanium, CrCo	2.4617	NiMo28	Hastelloy B-2
		2.4665	NiCr22Fe18Mo	Hastelloy X
		3.7165	TiAl6V4	ASTM B348 / F136
		9.9367	TiAl6Nb7	ASTM F1295
		2.4964	CoCr20W15Ni	Haynes 25
			CrCoMo28	ASTM F1537
H	Hardened steels ≥ 55 HRC	1.2510	100MnCrMoW4	AISI O1
		1.2379	X153CrMoV12	AISI D2

Recommended use Highly suitable Partially suitable Not recommended

ap=L1 from Ø 4 mm		ap=L1 from Ø 6 mm		ap=L1 from Ø 8 mm		ap=L1 from Ø 10 mm		ap=L1 from Ø 16 mm	
vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	vc [m/min]	vc [m/min]	fz [mm]
100-200	0.02 - 0.035	100-200	0.03 - 0.045	100-200	0.05 - 0.065	100-200	0.06 - 0.075	100-200	0.07 - 0.085
100-200	0.02 - 0.03	100-200	0.03 - 0.04	100-200	0.05 - 0.055	100-200	0.06 - 0.065	100-200	0.07 - 0.075
80-110	0.02 - 0.03	80-110	0.035 - 0.045	80-110	0.045 - 0.055	80-110	0.055 - 0.065	80-110	0.065 - 0.075
70-100	0.015 - 0.025	70-100	0.035 - 0.045	70-100	0.045 - 0.055	70-100	0.055 - 0.065	70-100	0.065 - 0.075
80-170	0.02 - 0.04	80-170	0.04 - 0.055	80-170	0.05 - 0.065	80-170	0.06 - 0.065	80-170	0.065 - 0.085
80-160	0.02 - 0.04	80-160	0.035 - 0.06	80-160	0.055 - 0.06	80-160	0.055 - 0.06	80-160	0.065 - 0.075
100-200	0.02 - 0.045	100-200	0.035 - 0.06	100-200	0.055 - 0.06	100-200	0.055 - 0.06	100-200	0.065 - 0.08
80-120	0.02 - 0.045	80-120	0.035 - 0.06	80-120	0.055 - 0.06	80-120	0.055 - 0.06	80-120	0.065 - 0.085
50 - 80	0.02 - 0.03	50 - 80	0.03 - 0.04	50 - 80	0.03 - 0.05	50 - 80	0.04 - 0.06	50 - 80	0.05 - 0.07
40-70	0.02 - 0.03	40-70	0.03 - 0.04	40-70	0.03 - 0.05	40-70	0.04 - 0.06	40-70	0.05 - 0.07
25-40	0.02 - 0.03	25-40	0.03 - 0.04	25-40	0.03 - 0.05	25-40	0.04 - 0.06	25-40	0.05 - 0.07
no data available									
no data available									

INOX-TrochoidXL

Alu-TrochoidXL

Corner radius or
protected and sharp mill
corner chamfer.

From Ø 4 to Ø 16 with 6 flutes,
vibration-free machining thanks to
unequal spacing.

Protected and sharp
corner chamfer.

Chip breaker for
reliable roughing of
pockets and contours.

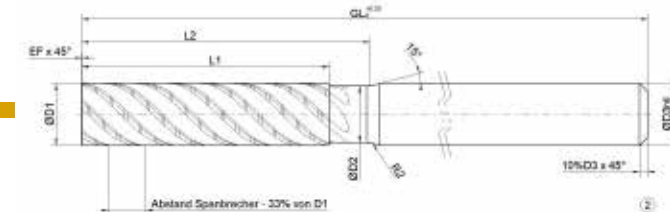
High-performance coatings
guarantee long tool life and prevent
the cutting edges from sticking.

Chip breaker for
reliable roughing of
pockets and contours.

Surface-treated cutting
edge geometry.

Solid carbide - thermal shock
resistant in ultra-fine grain with
high fracture toughness.

Surface-treated cutting
edge geometry.



☐ Order

Order number: _____

☐ Inquiry

Dimensions:

D1: _____ GL: _____ EF: _____
D2: _____ L1: _____ Z: _____
D3: _____ L2: _____

Coating:

☐ Coated*: _____
☐ Uncoated

Cooling channels:

☐ Yes ☐ No

Cutting direction:

☐ Left ☐ Right

Material to be machined:

Shank shape:

Quantity:

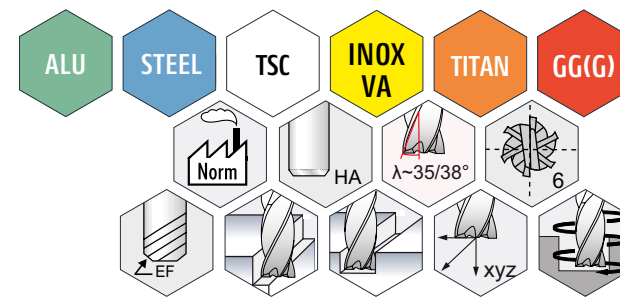
Date, signature & company stamp:

Contact person:

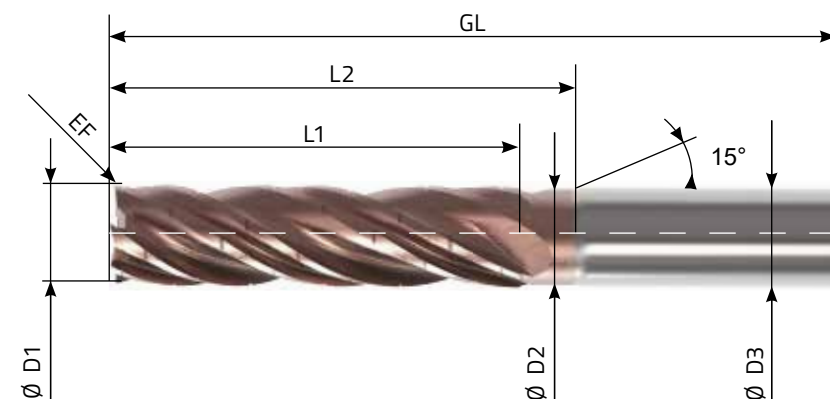
* Without further information, the most suitable coating will be used.



4xD INOX-TrochoidXL



ACTIONMILL D1: 4.0 mm L1: 16.0 mm
AM.TROCHO.04.16.06.XL.01 ← Coating
Product name D3: 6.0 mm XL-Variant



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 4xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

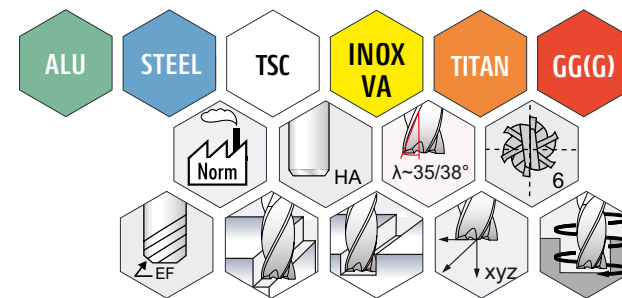
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.16.06.XL.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.TROCHO.04.16.06.XL.01	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.TROCHO.04762.20.06.XL.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.TROCHO.05.20.06.XL.01	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.TROCHO.05556.22.06.XL.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	22.00	25.00	0.03	83.00	.HB
AM.TROCHO.06.24.06.XL.01	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.03	83.00	.HB
AM.TROCHO.0635.25.08.XL.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	25.00	28.00	0.03	83.00	.HB
AM.TROCHO.7144.30.08.XL.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.50	80.00	.HB
AM.TROCHO.7938.32.08.XL.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.50	80.00	.HB
AM.TROCHO.08.32.08.XL.01	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.05	83.00	.HB
AM.TROCHO.9525.40.10.XL.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.50	100.00	.HB
AM.TROCHO.10.40.10.XL.01	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.05	101.00	.HB
AM.TROCHO.111125.45.12.XL.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.50	101.00	.HB
AM.TROCHO.12.48.12.XL.01	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.05	110.00	.HB
AM.TROCHO.12700.51.14.XL.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.10	120.00	.HB
AM.TROCHO.14.56.24.XL.01	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	0.10	120.00	.HB
AM.TROCHO.142875.58.16.XL.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	0.10	120.00	.HB
AM.TROCHO.15875.64.16.XL.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	0.10	120.00	.HB
AM.TROCHO.16.64.16.XL.01	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	0.10	120.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.16.06.XL.01.HB

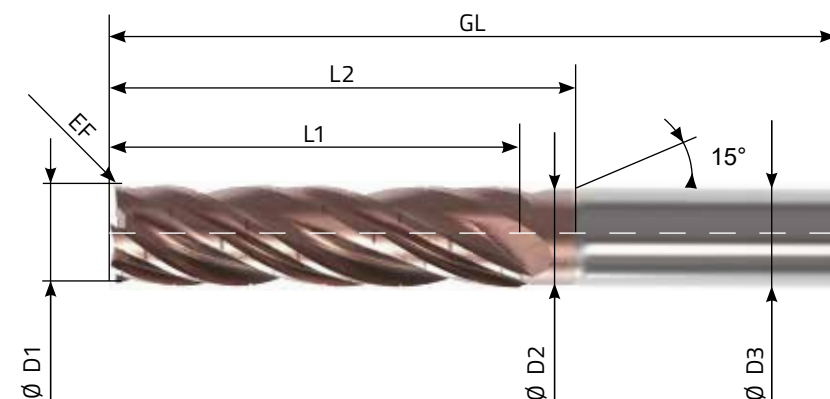
Available from stock



5xD INOX-TrochoidXXL



ACTIONMILL D1: 4.0 mm L1: 20.0 mm
AM.TROCHO.04.20.06.XXL.01 ← Coating
Product name D3: 6.0 mm XXL-Variant



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 5xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

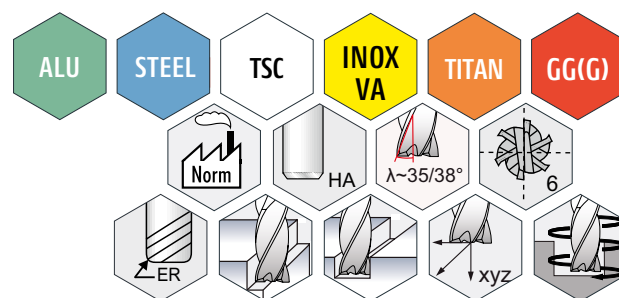
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.20.06.XXL.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.TROCHO.04.20.06.XXL.01	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.TROCHO.04762.25.06.XXL.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.TROCHO.05.25.06.XXL.01	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.TROCHO.05556.30.06.XXL.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.TROCHO.06.30.06.XXL.01	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.TROCHO.0635.32.08.XXL.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.03	83.00	.HB
AM.TROCHO.7144.36.08.XXL.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.50	83.00	.HB
AM.TROCHO.7938.40.08.XXL.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.50	83.00	.HB
AM.TROCHO.08.40.08.XXL.01	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.05	83.00	.HB
AM.TROCHO.9525.50.10.XXL.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	50.00	54.00	0.50	101.00	.HB
AM.TROCHO.10.50.10.XXL.01	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.05	101.00	.HB
AM.TROCHO.111125.56.12.XXL.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.50	110.00	.HB
AM.TROCHO.12.60.12.XXL.01	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.05	110.00	.HB
AM.TROCHO.12700.54.14.XXL.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.10	120.00	.HB
AM.TROCHO.14.70.24.XXL.01	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	0.10	120.00	.HB
AM.TROCHO.142875.72.16.XXL.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	0.10	130.00	.HB
AM.TROCHO.15875.80.16.XXL.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	0.10	130.00	.HB
AM.TROCHO.16.80.16.XXL.01	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	0.10	130.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.20.06.XXL.01.HB

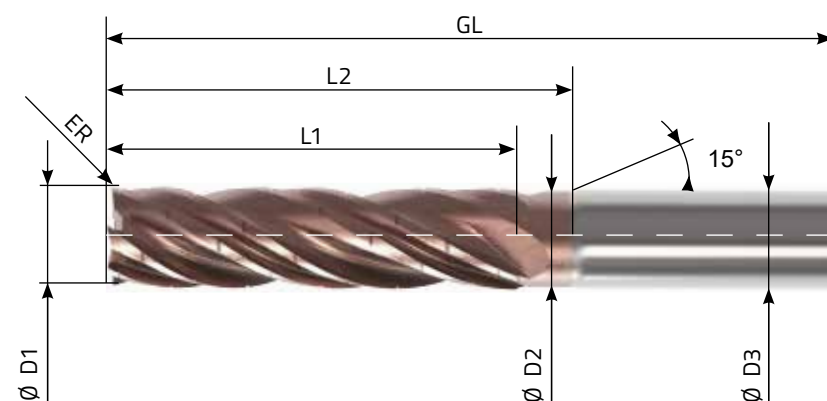
Available from stock



4xD INOX-TrochoidXL Toric



ACTIONMILL D1: 4.0 mm L1: 16.0 mm
AM.TROCHO.04.16.06.XL.R0200.01 ← Coating
Product name D3: 6.0 mm XL-Variant



■ α-INOX coated



5 PRO's of the ACTIONMILL:

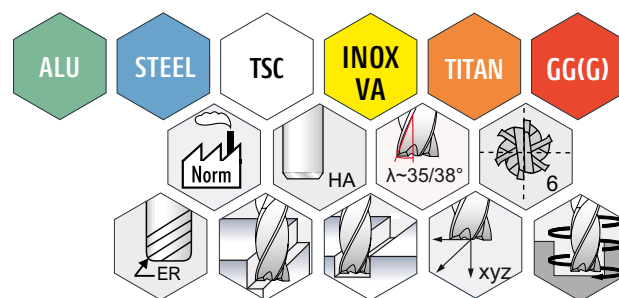
- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 4xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.16.06.XL.R0254.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	16.00	20.00	0.254	0.01	83.00	.HB
AM.TROCHO.04.16.06.XL.R0200.01	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.200	-	83.00	.HB
AM.TROCHO.04.16.06.XL.R0300.01	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.300	-	83.00	.HB
AM.TROCHO.04762.20.06.XL.R0254.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	20.00	25.00	0.254	0.01	83.00	.HB
AM.TROCHO.05.20.06.XL.R0200.01	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.200	-	83.00	.HB
AM.TROCHO.05.20.06.XL.R0300.01	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.300	-	83.00	.HB
AM.TROCHO.05556.22.06.XL.R0254.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	23.00	25.00	0.254	0.01	83.00	.HB
AM.TROCHO.06.24.06.XL.R0200.01	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.200	-	83.00	.HB
AM.TROCHO.06.24.06.XL.R0300.01	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.300	-	83.00	.HB
AM.TROCHO.06.24.06.XL.R0500.01	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.500	-	83.00	.HB
AM.TROCHO.0635.25.08.XL.R0254.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	26.00	28.00	0.254	0.01	80.00	.HB
AM.TROCHO.0635.25.08.XL.R0508.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	26.00	28.00	0.508	0.02	80.00	.HB
AM.TROCHO.7144.30.08.XL.R0254.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.254	0.01	80.00	.HB
AM.TROCHO.7144.30.08.XL.R0508.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.508	0.02	80.00	.HB
AM.TROCHO.7144.30.08.XL.R0762.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.762	0.03	80.00	.HB
AM.TROCHO.7938.34.08.XL.R0254.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.254	0.01	80.00	.HB
AM.TROCHO.7938.34.08.XL.R0508.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.508	0.02	80.00	.HB
AM.TROCHO.7938.34.08.XL.R0762.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.762	0.03	80.00	.HB
AM.TROCHO.08.24.08.XL.R0500.01	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.500	-	80.00	.HB
AM.TROCHO.08.24.08.XL.R0750.01	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.750	-	80.00	.HB
AM.TROCHO.08.24.08.XL.R1000.01	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	1.000	-	80.00	.HB
AM.TROCHO.9525.40.10.XL.R0508.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.508	0.02	100.00	.HB
AM.TROCHO.9525.40.10.XL.R0762.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.762	0.03	100.00	.HB
AM.TROCHO.9525.40.10.XL.R1016.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	1.016	0.04	100.00	.HB
AM.TROCHO.10.30.10.XL.R0500.01	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.500	-	100.00	.HB
AM.TROCHO.10.30.10.XL.R0750.01	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.750	-	100.00	.HB
AM.TROCHO.10.30.10.XL.R1000.01	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	1.000	-	100.00	.HB
AM.TROCHO.10.30.10.XL.R1250.01	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	1.250	-	100.00	.HB
AM.TROCHO.111125.45.12.XL.R0508.01	-	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.508	0.02	101.00	.HB
AM.TROCHO.111125.45.12.XL.R0762.01	-	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.762	0.03	101.00	.HB
AM.TROCHO.111125.45.12.XL.R1016.01	-	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	1.016	0.04	101.00	.HB
AM.TROCHO.12.48.12.XL.R0500.01	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.500	-	101.00	.HB
AM.TROCHO.12.48.12.XL.R0750.01	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.750	-	101.00	.HB
AM.TROCHO.12.48.12.XL.R1000.01	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	1.000	-	101.00	.HB
AM.TROCHO.12.48.12.XL.R1250.01	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	1.250	-	101.00	.HB
AM.TROCHO.12700.51.14.XL.R0508.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.508	0.02	120.00	.HB
AM.TROCHO.12700.51.14.XL.R0762.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.762	0.03	120.00	.HB
AM.TROCHO.12700.51.14.XL.R1016.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	1.016	0.04	120.00	.HB
AM.TROCHO.12700.51.14.XL.R1270.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	1.270	0.05	120.00	.HB
AM.TROCHO.12700.51.14.XL.R1524.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	1.524	0.06	120.00	.HB
AM.TROCHO.14.56.24.XL.R1000.01	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	1.000	-	120.00	.HB
AM.TROCHO.14.56.24.XL.R1250.01	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	1.250	-	120.00	.HB
AM.TROCHO.14.56.24.XL.R1500.01	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	1.500	-	120.00	.HB
AM.TROCHO.142875.58.16.XL.R0762.01	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	0.762	0.03	120.00	.HB
AM.TROCHO.142875.58.16.XL.R1016.01	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	1.016	0.04	120.00	.HB
AM.TROCHO.142875.58.16.XL.R1270.01	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	1.270	0.05	120.00	.HB
AM.TROCHO.142875.58.16.XL.R1524.01	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	1.524	0.06	120.00	.HB
AM.TROCHO.15875.64.16.XL.R0762.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	0.762	0.03	120.00	.HB
AM.TROCHO.15875.64.16.XL.R1016.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	1.016	0.04	120.00	.HB
AM.TROCHO.15875.64.16.XL.R1270.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	1.270	0.05	120.00	.HB
AM.TROCHO.15875.64.16.XL.R1524.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	1.524	0.06	120.00	.HB
AM.TROCHO.16.64.16.XL.R1000.01	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	1.000	-	120.00	.HB
AM.TROCHO.16.64.16.XL.R1250.01	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	1.250	-	120.00	.HB
AM.TROCHO.16.64.16.XL.R1500.01	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	1.500	-	120.00	.HB

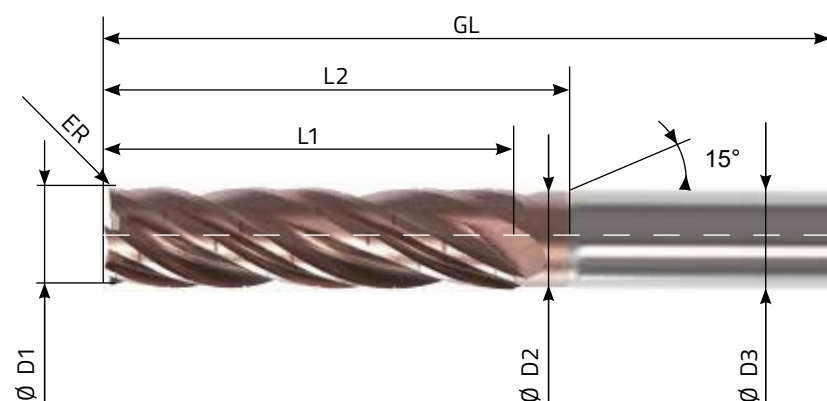
■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.16.06.XL.R0200.01.HB

Available from stock

5xD INOX-TrochoidXXL Toric



ACTIONMILL D1: 4.0 mm L1: 20.0 mm
AM.TROCHO.04.20.06.XXL.R0200.01 ← Coating
Product name D3: 6.0 mm XXL-Variant



■ α-INOX coated



5 PRO's of the ACTIONMILL:

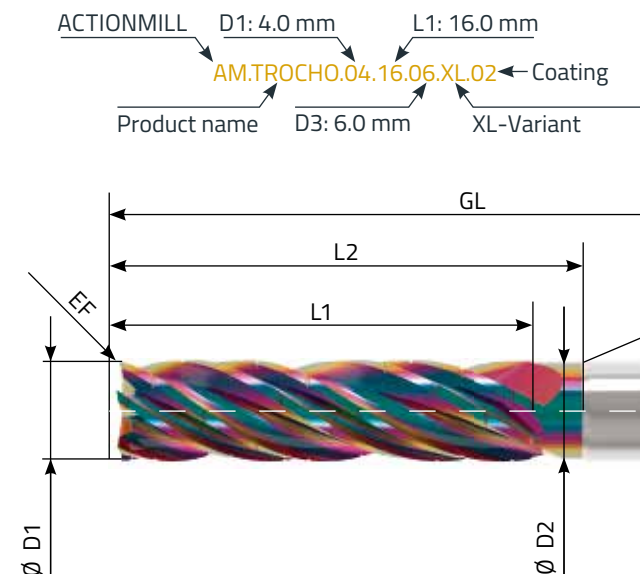
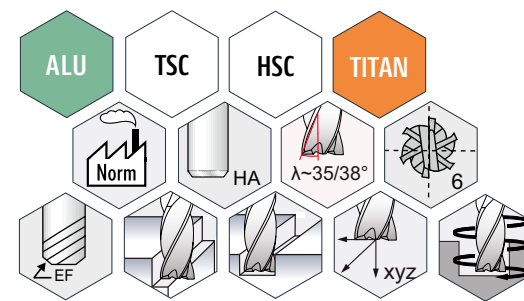
- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 5xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.20.06.XXL.R0254.01	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	20.00	24.00	0.254	0.01	83.00	.HB
AM.TROCHO.04.20.06.XXL.R0200.01	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.200	-	83.00	.HB
AM.TROCHO.04.20.06.XXL.R0300.01	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.300	-	83.00	.HB
AM.TROCHO.04762.25.06.XXL.R0254.01	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	25.00	29.00	0.254	0.01	83.00	.HB
AM.TROCHO.05.25.06.XXL.R0200.01	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.200	-	83.00	.HB
AM.TROCHO.05.25.06.XXL.R0300.01	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.300	-	83.00	.HB
AM.TROCHO.05556.30.06.XXL.R0254.01	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	30.00	34.00	0.254	0.01	83.00	.HB
AM.TROCHO.06.30.06.XXL.R0200.01	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.200	-	83.00	.HB
AM.TROCHO.06.30.06.XXL.R0300.01	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.300	-	83.00	.HB
AM.TROCHO.06.30.06.XXL.R0500.01	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.500	-	83.00	.HB
AM.TROCHO.0635.32.08.XXL.R0254.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.254	0.01	83.00	.HB
AM.TROCHO.0635.32.08.XXL.R0508.01	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.508	0.02	83.00	.HB
AM.TROCHO.7144.36.08.XXL.R0254.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.254	0.01	83.00	.HB
AM.TROCHO.7144.36.08.XXL.R0508.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.508	0.02	83.00	.HB
AM.TROCHO.7144.36.08.XXL.R0762.01	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.762	0.03	83.00	.HB
AM.TROCHO.7938.40.08.XXL.R0254.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.254	0.01	83.00	.HB
AM.TROCHO.7938.40.08.XXL.R0508.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.508	0.02	83.00	.HB
AM.TROCHO.7938.40.08.XXL.R0762.01	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.762	0.03	83.00	.HB
AM.TROCHO.08.40.08.XXL.R0500.01	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.500	-	83.00	.HB
AM.TROCHO.08.40.08.XXL.R0750.01	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.750	-	83.00	.HB
AM.TROCHO.08.40.08.XXL.R1000.01	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	1.000	-	83.00	.HB
AM.TROCHO.9525.48.10.XXL.R0508.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	0.508	0.02	101.00	.HB
AM.TROCHO.9525.48.10.XXL.R0762.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	0.762	0.03	101.00	.HB
AM.TROCHO.9525.48.10.XXL.R1016.01	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	1.016	0.04	101.00	.HB
AM.TROCHO.10.50.10.XXL.R0500.01	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.500	-	101.00	.HB
AM.TROCHO.10.50.10.XXL.R0750.01	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.750	-	101.00	.HB
AM.TROCHO.10.50.10.XXL.R1000.01	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	1.000	-	101.00	.HB
AM.TROCHO.10.50.10.XXL.R1250.01	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	1.250	-	101.00	.HB
AM.TROCHO.111125.56.12.XXL.R0508.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.508	0.02	110.00	.HB
AM.TROCHO.111125.56.12.XXL.R0762.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.762	0.03	110.00	.HB
AM.TROCHO.111125.56.12.XXL.R1016.01	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	1.016	0.04	110.00	.HB
AM.TROCHO.12.60.12.XXL.R0500.01	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.500	-	110.00	.HB
AM.TROCHO.12.60.12.XXL.R0750.01	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.750	-	110.00	.HB
AM.TROCHO.12.60.12.XXL.R1000.01	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	1.000	-	110.00	.HB
AM.TROCHO.12.60.12.XXL.R1250.01	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	1.250	-	110.00	.HB
AM.TROCHO.12700.54.14.XXL.R0508.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.508	0.02	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R0762.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.762	0.03	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R1016.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	1.016	0.04	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R1270.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	1.270	0.05	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R1524.01	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	1.524	0.06	120.00	.HB
AM.TROCHO.14.70.24.XXL.R1000.01	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	1.000	-	120.00	.HB
AM.TROCHO.14.70.24.XXL.R1250.01	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	1.250	-	120.00	.HB
AM.TROCHO.14.70.24.XXL.R1500.01	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	1.500	-	120.00	.HB
AM.TROCHO.142875.72.16.XXL.R0762.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	0.762	0.03	130.00	.HB
AM.TROCHO.142875.72.16.XXL.R1016.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	1.016	0.04	130.00	.HB
AM.TROCHO.142875.72.16.XXL.R1270.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	1.270	0.05	130.00	.HB
AM.TROCHO.142875.72.16.XXL.R1524.01	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	1.524	0.06	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R0762.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	0.762	0.03	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R1016.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	1.016	0.04	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R1270.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	1.270	0.05	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R1524.01	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	1.524	0.06	130.00	.HB
AM.TROCHO.16.80.16.XXL.R1000.01	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	1.000	-	130.00	.HB
AM.TROCHO.16.80.16.XXL.R1250.01	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	1.250	-	130.00	.HB
AM.TROCHO.16.80.16.XXL.R1500.01	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	1.500	-	130.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.20.06.XXL.R0200.01.HB

Available from stock

4xD Alu-TrochoidXL



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 4xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

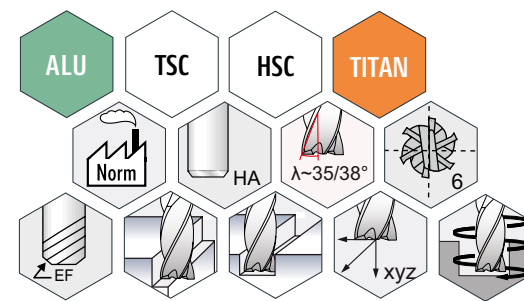
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.16.06.XL.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.TROCHO.04.16.06.XL.02	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.TROCHO.04762.20.06.XL.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.TROCHO.05.20.06.XL.02	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.TROCHO.05556.22.06.XL.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	22.00	25.00	0.03	83.00	.HB
AM.TROCHO.06.24.06.XL.02	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.03	83.00	.HB
AM.TROCHO.0635.25.08.XL.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	25.00	28.00	0.03	83.00	.HB
AM.TROCHO.7144.30.08.XL.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.50	80.00	.HB
AM.TROCHO.7938.32.08.XL.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.50	80.00	.HB
AM.TROCHO.08.32.08.XL.02	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.05	83.00	.HB
AM.TROCHO.9525.40.10.XL.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.50	100.00	.HB
AM.TROCHO.10.40.10.XL.02	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.05	101.00	.HB
AM.TROCHO.111125.45.12.XL.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.50	101.00	.HB
AM.TROCHO.12.48.12.XL.02	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.05	110.00	.HB
AM.TROCHO.12700.51.14.XL.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.10	120.00	.HB
AM.TROCHO.14.56.24.XL.02	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	0.10	120.00	.HB
AM.TROCHO.142875.58.16.XL.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	0.10	120.00	.HB
AM.TROCHO.15875.64.16.XL.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	0.10	120.00	.HB
AM.TROCHO.16.64.16.XL.02	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	0.10	120.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.16.06.XL.02.HB

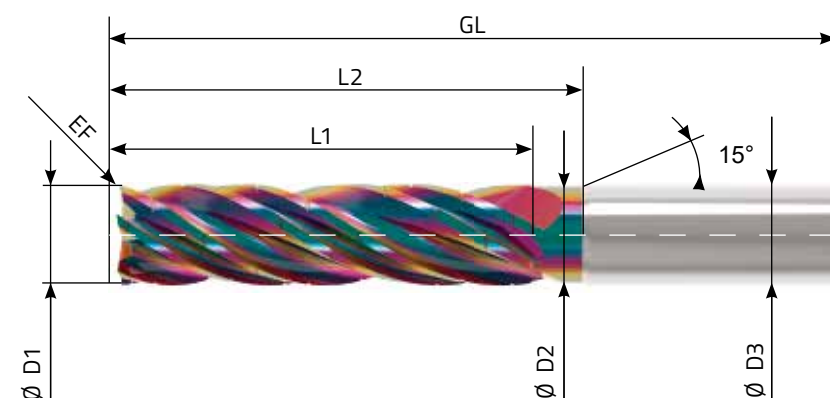
Available from stock



5xD Alu-TrochoidXXL



ACTIONMILL D1: 4.0 mm L1: 20.0 mm
AM.TROCHO.04.20.06.XXL.02 ← Coating
Product name D3: 6.0 mm XXL-Variant



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 5xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

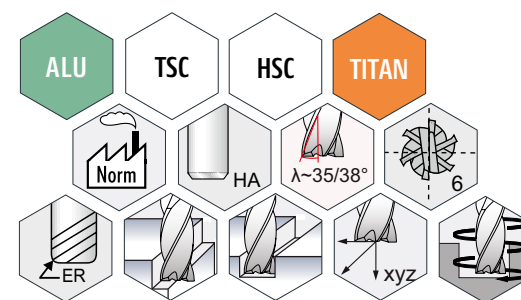
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.20.06.XXL.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.TROCHO.04.20.06.XXL.02	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.TROCHO.04762.25.06.XXL.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.TROCHO.05.25.06.XXL.02	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.TROCHO.05556.30.06.XXL.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.TROCHO.06.30.06.XXL.02	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.TROCHO.0635.32.08.XXL.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.03	83.00	.HB
AM.TROCHO.7144.36.08.XXL.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.50	83.00	.HB
AM.TROCHO.7938.40.08.XXL.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.50	83.00	.HB
AM.TROCHO.08.40.08.XXL.02	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.05	83.00	.HB
AM.TROCHO.9525.50.10.XXL.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	50.00	54.00	0.50	101.00	.HB
AM.TROCHO.10.50.10.XXL.02	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.05	101.00	.HB
AM.TROCHO.111125.56.12.XXL.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.50	110.00	.HB
AM.TROCHO.12.60.12.XXL.02	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.05	110.00	.HB
AM.TROCHO.12700.54.14.XXL.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.10	120.00	.HB
AM.TROCHO.14.70.24.XXL.02	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	0.10	120.00	.HB
AM.TROCHO.142875.72.16.XXL.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	0.10	130.00	.HB
AM.TROCHO.15875.80.16.XXL.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	0.10	130.00	.HB
AM.TROCHO.16.80.16.XXL.02	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	0.10	130.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.20.06.XXL.02.HB

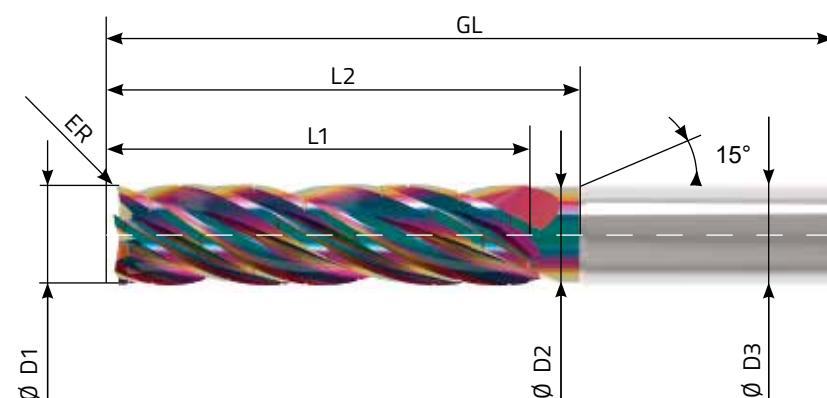
Available from stock



4xD Alu-TrochoidXL Toric



ACTIONMILL D1: 4.0 mm L1: 16.0 mm
AM.TROCHO.04.16.06.XL.R0200.02 ← Coating
Product name D3: 6.0 mm XL-Variant



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 4xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

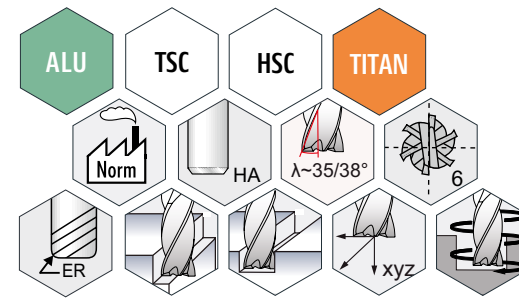
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.16.06.XL.R0254.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	16.00	20.00	0.254	0.01	83.00	.HB
AM.TROCHO.04.16.06.XL.R0200.02	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.200	-	83.00	.HB
AM.TROCHO.04.16.06.XL.R0300.02	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.300	-	83.00	.HB
AM.TROCHO.04762.20.06.XL.R0254.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	20.00	25.00	0.254	0.01	83.00	.HB
AM.TROCHO.05.20.06.XL.R0200.02	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.200	-	83.00	.HB
AM.TROCHO.05.20.06.XL.R0300.02	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.300	-	83.00	.HB
AM.TROCHO.05556.22.06.XL.R0254.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	23.00	25.00	0.254	0.01	83.00	.HB
AM.TROCHO.06.24.06.XL.R0200.02	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.200	-	83.00	.HB
AM.TROCHO.06.24.06.XL.R0300.02	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.300	-	83.00	.HB
AM.TROCHO.06.24.06.XL.R0500.02	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.500	-	83.00	.HB
AM.TROCHO.0635.25.08.XL.R0254.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	26.00	28.00	0.254	0.01	80.00	.HB
AM.TROCHO.0635.25.08.XL.R0508.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	26.00	28.00	0.508	0.02	80.00	.HB
AM.TROCHO.7144.30.08.XL.R0254.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.254	0.01	80.00	.HB
AM.TROCHO.7144.30.08.XL.R0508.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.508	0.02	80.00	.HB
AM.TROCHO.7144.30.08.XL.R0762.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.762	0.03	80.00	.HB
AM.TROCHO.7938.34.08.XL.R0254.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.254	0.01	80.00	.HB
AM.TROCHO.7938.34.08.XL.R0508.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.508	0.02	80.00	.HB
AM.TROCHO.7938.34.08.XL.R0762.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.762	0.03	80.00	.HB
AM.TROCHO.08.24.08.XL.R0500.02	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.500	-	80.00	.HB
AM.TROCHO.08.24.08.XL.R0750.02	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.750	-	80.00	.HB
AM.TROCHO.08.24.08.XL.R1000.02	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	1.000	-	80.00	.HB
AM.TROCHO.9525.40.10.XL.R0508.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.508	0.02	100.00	.HB
AM.TROCHO.9525.40.10.XL.R0762.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.762	0.03	100.00	.HB
AM.TROCHO.9525.40.10.XL.R1016.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	1.016	0.04	100.00	.HB
AM.TROCHO.10.30.10.XL.R0500.02	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.500	-	100.00	.HB
AM.TROCHO.10.30.10.XL.R0750.02	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.750	-	100.00	.HB
AM.TROCHO.10.30.10.XL.R1000.02	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	1.000	-	100.00	.HB
AM.TROCHO.10.30.10.XL.R1250.02	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	1.250	-	100.00	.HB
AM.TROCHO.111125.45.12.XL.R0508.02	-	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.508	0.02	101.00	.HB
AM.TROCHO.111125.45.12.XL.R0762.02	-	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.762	0.03	101.00	.HB
AM.TROCHO.111125.45.12.XL.R1016.02	-	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	1.016	0.04	101.00	.HB
AM.TROCHO.12.48.12.XL.R0500.02	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.500	-	101.00	.HB
AM.TROCHO.12.48.12.XL.R0750.02	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.750	-	101.00	.HB
AM.TROCHO.12.48.12.XL.R1000.02	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	1.000	-	101.00	.HB
AM.TROCHO.12.48.12.XL.R1250.02	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	1.250	-	101.00	.HB
AM.TROCHO.12700.51.14.XL.R0508.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.508	0.02	120.00	.HB
AM.TROCHO.12700.51.14.XL.R0762.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.762	0.03	120.00	.HB
AM.TROCHO.12700.51.14.XL.R1016.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	1.016	0.04	120.00	.HB
AM.TROCHO.12700.51.14.XL.R1270.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	1.270	0.05	120.00	.HB
AM.TROCHO.12700.51.14.XL.R1524.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	1.524	0.06	120.00	.HB
AM.TROCHO.14.56.24.XL.R1000.02	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	1.000	-	120.00	.HB
AM.TROCHO.14.56.24.XL.R1250.02	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	1.250	-	120.00	.HB
AM.TROCHO.14.56.24.XL.R1500.02	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	1.500	-	120.00	.HB
AM.TROCHO.142875.58.16.XL.R0762.02	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	0.762	0.03	120.00	.HB
AM.TROCHO.142875.58.16.XL.R1016.02	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	1.016	0.04	120.00	.HB
AM.TROCHO.142875.58.16.XL.R1270.02	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	1.270	0.05	120.00	.HB
AM.TROCHO.142875.58.16.XL.R1524.02	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	1.524	0.06	120.00	.HB
AM.TROCHO.15875.64.16.XL.R0762.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	0.762	0.03	120.00	.HB
AM.TROCHO.15875.64.16.XL.R1016.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	1.016	0.04	120.00	.HB
AM.TROCHO.15875.64.16.XL.R1270.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	1.270	0.05	120.00	.HB
AM.TROCHO.15875.64.16.XL.R1524.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	1.524	0.06	120.00	.HB
AM.TROCHO.16.64.16.XL.R1000.02	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	1.000	-	120.00	.HB
AM.TROCHO.16.64.16.XL.R1250.02	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	1.250	-	120.00	.HB
AM.TROCHO.16.64.16.XL.R1500.02	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	1.500	-	120.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.16.06.XL.R0200.02.HB

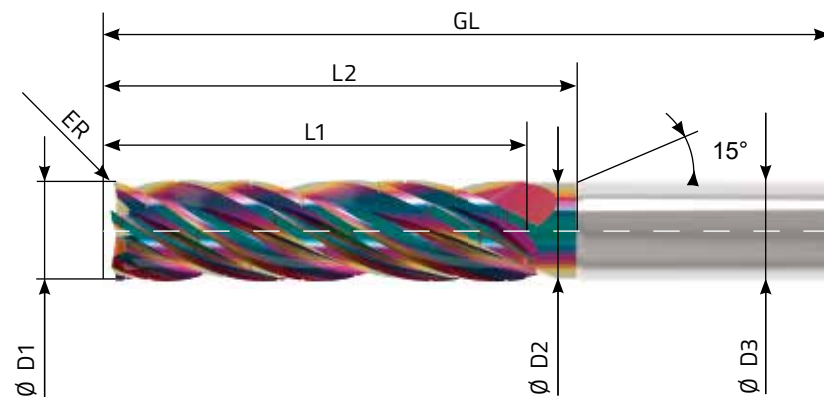
Available from stock

5xD Alu-TrochoidXXL

Toric



ACTIONMILL D1: 4.0 mm L1: 20.0 mm
AM.TROCHO.04.20.06.XXL.R0200.02 ← Coating
Product name D3: 6.0 mm XXL-Variant



■ β-TITAN coated



5 PRO's of the ACTIONMILL:

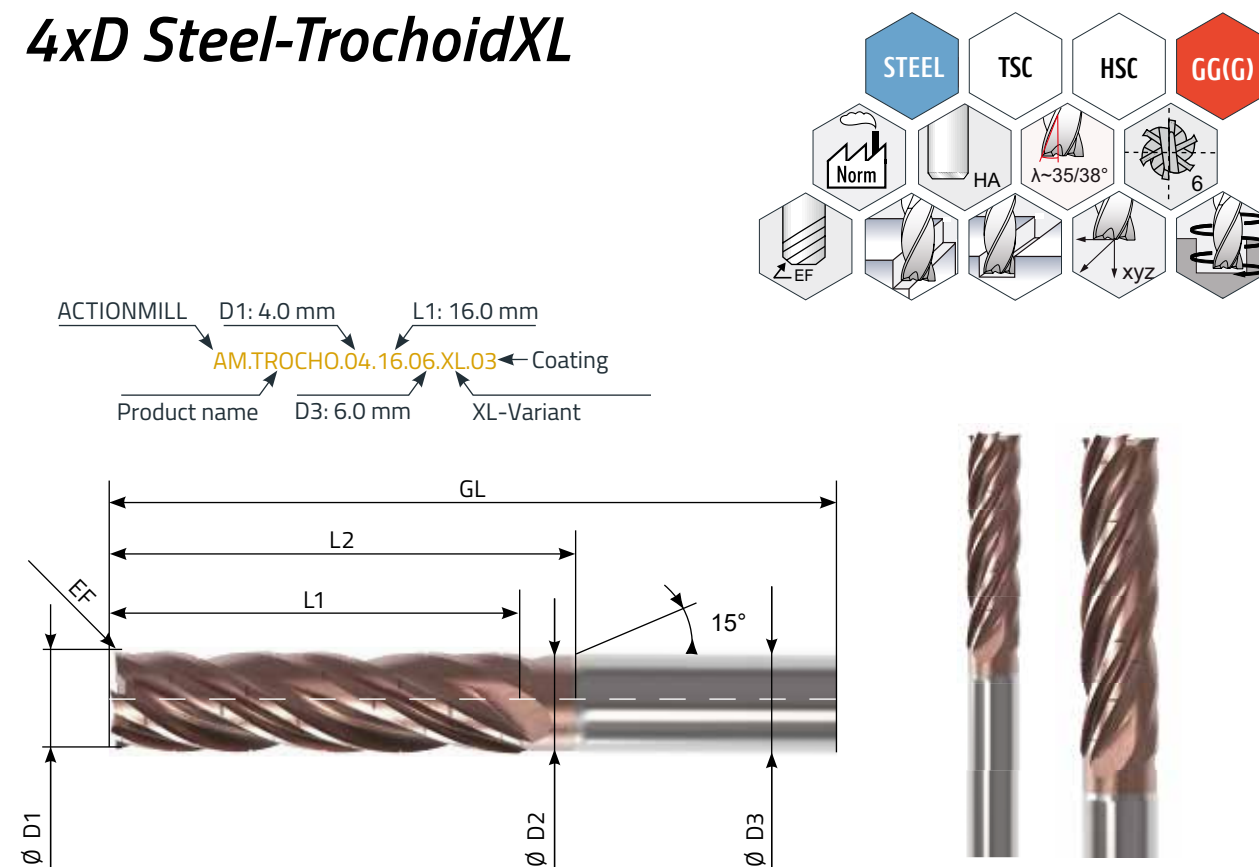
- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 5xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB-Shank
AM.TROCHO.03968.20.06.XXL.R0254.02	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	20.00	24.00	0.254	0.01	83.00	.HB
AM.TROCHO.04.20.06.XXL.R0200.02	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.200	-	83.00	.HB
AM.TROCHO.04.20.06.XXL.R0300.02	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.300	-	83.00	.HB
AM.TROCHO.04762.25.06.XXL.R0254.02	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	25.00	29.00	0.254	0.01	83.00	.HB
AM.TROCHO.05.25.06.XXL.R0200.02	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.200	-	83.00	.HB
AM.TROCHO.05.25.06.XXL.R0300.02	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.300	-	83.00	.HB
AM.TROCHO.05556.30.06.XXL.R0254.02	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	30.00	34.00	0.254	0.01	83.00	.HB
AM.TROCHO.06.30.06.XXL.R0200.02	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.200	-	83.00	.HB
AM.TROCHO.06.30.06.XXL.R0300.02	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.300	-	83.00	.HB
AM.TROCHO.06.30.06.XXL.R0500.02	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.500	-	83.00	.HB
AM.TROCHO.0635.32.08.XXL.R0254.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.254	0.01	83.00	.HB
AM.TROCHO.0635.32.08.XXL.R0508.02	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.508	0.02	83.00	.HB
AM.TROCHO.7144.36.08.XXL.R0254.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.254	0.01	83.00	.HB
AM.TROCHO.7144.36.08.XXL.R0508.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.508	0.02	83.00	.HB
AM.TROCHO.7144.36.08.XXL.R0762.02	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.762	0.03	83.00	.HB
AM.TROCHO.7938.40.08.XXL.R0254.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.254	0.01	83.00	.HB
AM.TROCHO.7938.40.08.XXL.R0508.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.508	0.02	83.00	.HB
AM.TROCHO.7938.40.08.XXL.R0762.02	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.762	0.03	83.00	.HB
AM.TROCHO.08.40.08.XXL.R0500.02	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.500	-	83.00	.HB
AM.TROCHO.08.40.08.XXL.R0750.02	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.750	-	83.00	.HB
AM.TROCHO.08.40.08.XXL.R1000.02	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	1.000	-	83.00	.HB
AM.TROCHO.9525.48.10.XXL.R0508.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	0.508	0.02	101.00	.HB
AM.TROCHO.9525.48.10.XXL.R0762.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	0.762	0.03	101.00	.HB
AM.TROCHO.9525.48.10.XXL.R1016.02	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	1.016	0.04	101.00	.HB
AM.TROCHO.10.50.10.XXL.R0500.02	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.500	-	101.00	.HB
AM.TROCHO.10.50.10.XXL.R0750.02	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.750	-	101.00	.HB
AM.TROCHO.10.50.10.XXL.R1000.02	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	1.000	-	101.00	.HB
AM.TROCHO.10.50.10.XXL.R1250.02	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	1.250	-	101.00	.HB
AM.TROCHO.111125.56.12.XXL.R0508.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.508	0.02	110.00	.HB
AM.TROCHO.111125.56.12.XXL.R0762.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.762	0.03	110.00	.HB
AM.TROCHO.111125.56.12.XXL.R1016.02	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	1.016	0.04	110.00	.HB
AM.TROCHO.12.60.12.XXL.R0500.02	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.500	-	110.00	.HB
AM.TROCHO.12.60.12.XXL.R0750.02	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.750	-	110.00	.HB
AM.TROCHO.12.60.12.XXL.R1000.02	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	1.000	-	110.00	.HB
AM.TROCHO.12.60.12.XXL.R1250.02	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	1.250	-	110.00	.HB
AM.TROCHO.12700.54.14.XXL.R0508.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.508	0.02	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R0762.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.762	0.03	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R1016.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	1.016	0.04	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R1270.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	1.270	0.05	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R1524.02	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	1.524	0.06	120.00	.HB
AM.TROCHO.14.70.24.XXL.R1000.02	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	1.000	-	120.00	.HB
AM.TROCHO.14.70.24.XXL.R1250.02	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	1.250	-	120.00	.HB
AM.TROCHO.14.70.24.XXL.R1500.02	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	1.500	-	120.00	.HB
AM.TROCHO.142875.72.16.XXL.R0762.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	0.762	0.03	130.00	.HB
AM.TROCHO.142875.72.16.XXL.R1016.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	1.016	0.04	130.00	.HB
AM.TROCHO.142875.72.16.XXL.R1270.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	1.270	0.05	130.00	.HB
AM.TROCHO.142875.72.16.XXL.R1524.02	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	1.524	0.06	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R0762.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	0.762	0.03	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R1016.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	1.016	0.04	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R1270.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	1.270	0.05	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R1524.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	1.524	0.06	130.00	.HB
AM.TROCHO.16.80.16.XXL.R1000.02	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	1.000	-	130.00	.HB
AM.TROCHO.16.80.16.XXL.R1250.02	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	1.250	-	130.00	.HB
AM.TROCHO.16.80.16.XXL.R1500.02	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	1.500	-	130.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.20.06.XXL.R0200.02.HB

Available from stock

4xD Steel-TrochoidXL



■ α -INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 4xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

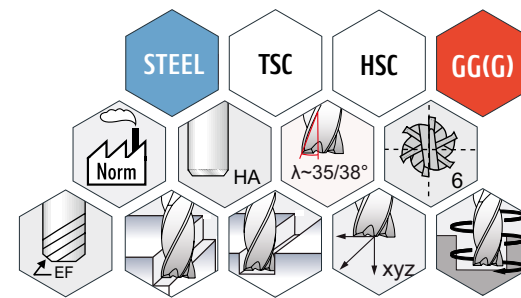
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.16.06.XL.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.TROCHO.04.16.06.XL.03	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.03	83.00	.HB
AM.TROCHO.04762.20.06.XL.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.TROCHO.05.20.06.XL.03	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.03	83.00	.HB
AM.TROCHO.05556.22.06.XL.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	22.00	25.00	0.03	83.00	.HB
AM.TROCHO.06.24.06.XL.03	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.03	83.00	.HB
AM.TROCHO.0635.25.08.XL.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	25.00	28.00	0.03	83.00	.HB
AM.TROCHO.7144.30.08.XL.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.50	80.00	.HB
AM.TROCHO.7938.32.08.XL.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.50	80.00	.HB
AM.TROCHO.08.32.08.XL.03	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.05	83.00	.HB
AM.TROCHO.9525.40.10.XL.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.50	100.00	.HB
AM.TROCHO.10.40.10.XL.03	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.05	101.00	.HB
AM.TROCHO.111125.45.12.XL.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.50	101.00	.HB
AM.TROCHO.12.48.12.XL.03	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.05	110.00	.HB
AM.TROCHO.12700.51.14.XL.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.10	120.00	.HB
AM.TROCHO.14.56.24.XL.03	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	0.10	120.00	.HB
AM.TROCHO.142875.58.16.XL.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	0.10	120.00	.HB
AM.TROCHO.15875.64.16.XL.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	0.10	120.00	.HB
AM.TROCHO.16.64.16.XL.03	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	0.10	120.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.16.06.XL.03.HB

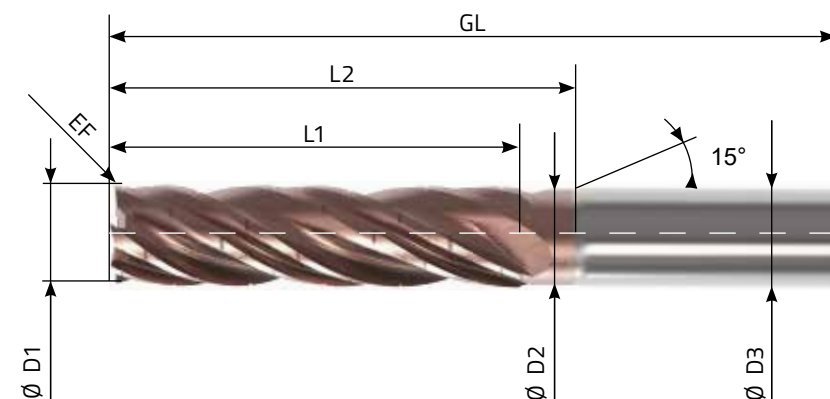
Available from stock



5xD Steel-TrochoidXXL



ACTIONMILL D1: 4.0 mm L1: 20.0 mm
AM.TROCHO.04.20.06.XXL.03 ← Coating
Product name D3: 6.0 mm XXL-Variant



■ α-INOX coated



5 PRO's of the ACTIONMILL:

- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 5xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Protected and sharp mill corner

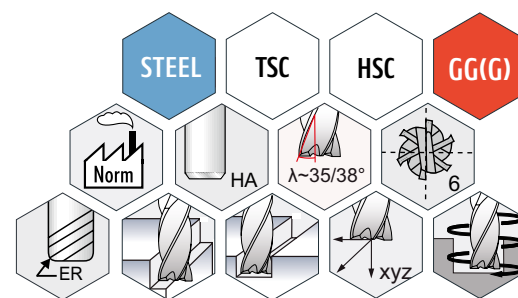
Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	EF (mm) sharp	GL (mm)	HB-Shank
AM.TROCHO.03968.20.06.XXL.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.TROCHO.04.20.06.XXL.03	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.03	83.00	.HB
AM.TROCHO.04762.25.06.XXL.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.TROCHO.05.25.06.XXL.03	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.03	83.00	.HB
AM.TROCHO.05556.30.06.XXL.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.TROCHO.06.30.06.XXL.03	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.03	83.00	.HB
AM.TROCHO.0635.32.08.XXL.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.03	83.00	.HB
AM.TROCHO.7144.36.08.XXL.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.50	83.00	.HB
AM.TROCHO.7938.40.08.XXL.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.50	83.00	.HB
AM.TROCHO.08.40.08.XXL.03	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.05	83.00	.HB
AM.TROCHO.9525.50.10.XXL.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	50.00	54.00	0.50	101.00	.HB
AM.TROCHO.10.50.10.XXL.03	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.05	101.00	.HB
AM.TROCHO.111125.56.12.XXL.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.50	110.00	.HB
AM.TROCHO.12.60.12.XXL.03	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.05	110.00	.HB
AM.TROCHO.12700.54.14.XXL.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.10	120.00	.HB
AM.TROCHO.14.70.24.XXL.03	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	0.10	120.00	.HB
AM.TROCHO.142875.72.16.XXL.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	0.10	130.00	.HB
AM.TROCHO.15875.80.16.XXL.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	0.10	130.00	.HB
AM.TROCHO.16.80.16.XXL.03	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	0.10	130.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.20.06.XXL.03.HB

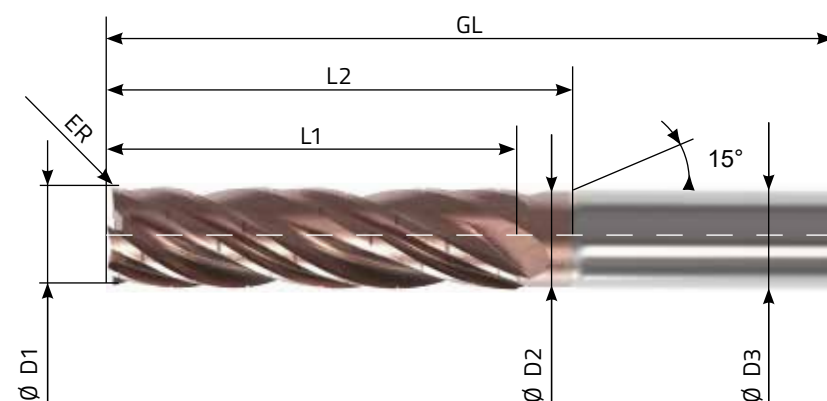
Available from stock



4xD Steel-TrochoidXL Toric



ACTIONMILL D1: 4.0 mm L1: 16.0 mm
AM.TROCHO.04.16.06.XL.R0200.03 ← Coating
Product name D3: 6.0 mm XL-Variant



■ α-INOX coated



5 PRO's of the ACTIONMILL:

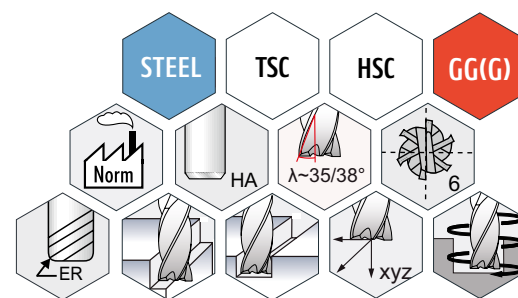
- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 4xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.16.06.XL.R0254.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	16.00	20.00	0.254	0.01	83.00	.HB
AM.TROCHO.04.16.06.XL.R0200.03	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.200	-	83.00	.HB
AM.TROCHO.04.16.06.XL.R0300.03	Ø 4.000	-	Ø 3.80	Ø 6.00	16.00	20.00	0.300	-	83.00	.HB
AM.TROCHO.04762.20.06.XL.R0254.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	20.00	25.00	0.254	0.01	83.00	.HB
AM.TROCHO.05.20.06.XL.R0200.03	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.200	-	83.00	.HB
AM.TROCHO.05.20.06.XL.R0300.03	Ø 5.000	-	Ø 4.80	Ø 6.00	20.00	25.00	0.300	-	83.00	.HB
AM.TROCHO.05556.22.06.XL.R0254.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	23.00	25.00	0.254	0.01	83.00	.HB
AM.TROCHO.06.24.06.XL.R0200.03	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.200	-	83.00	.HB
AM.TROCHO.06.24.06.XL.R0300.03	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.300	-	83.00	.HB
AM.TROCHO.06.24.06.XL.R0500.03	Ø 6.000	-	Ø 5.70	Ø 6.00	24.00	28.00	0.500	-	83.00	.HB
AM.TROCHO.0635.25.08.XL.R0254.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	26.00	28.00	0.254	0.01	80.00	.HB
AM.TROCHO.0635.25.08.XL.R0508.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	26.00	28.00	0.508	0.02	80.00	.HB
AM.TROCHO.7144.30.08.XL.R0254.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.254	0.01	80.00	.HB
AM.TROCHO.7144.30.08.XL.R0508.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.508	0.02	80.00	.HB
AM.TROCHO.7144.30.08.XL.R0762.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	30.00	34.00	0.762	0.03	80.00	.HB
AM.TROCHO.7938.34.08.XL.R0254.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.254	0.01	80.00	.HB
AM.TROCHO.7938.34.08.XL.R0508.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.508	0.02	80.00	.HB
AM.TROCHO.7938.34.08.XL.R0762.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	32.00	36.00	0.762	0.03	80.00	.HB
AM.TROCHO.08.24.08.XL.R0500.03	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.500	-	80.00	.HB
AM.TROCHO.08.24.08.XL.R0750.03	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	0.750	-	80.00	.HB
AM.TROCHO.08.24.08.XL.R1000.03	Ø 8.000	-	Ø 7.80	Ø 8.00	32.00	36.00	1.000	-	80.00	.HB
AM.TROCHO.9525.40.10.XL.R0508.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.508	0.02	100.00	.HB
AM.TROCHO.9525.40.10.XL.R0762.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	0.762	0.03	100.00	.HB
AM.TROCHO.9525.40.10.XL.R1016.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	40.00	44.00	1.016	0.04	100.00	.HB
AM.TROCHO.10.30.10.XL.R0500.03	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.500	-	100.00	.HB
AM.TROCHO.10.30.10.XL.R0750.03	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	0.750	-	100.00	.HB
AM.TROCHO.10.30.10.XL.R1000.03	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	1.000	-	100.00	.HB
AM.TROCHO.10.30.10.XL.R1250.03	Ø 10.000	-	Ø 9.70	Ø 10.00	40.00	44.00	1.250	-	100.00	.HB
AM.TROCHO.111125.45.12.XL.R0508.03	-	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.508	0.02	101.00	.HB
AM.TROCHO.111125.45.12.XL.R0762.03	-	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	0.762	0.03	101.00	.HB
AM.TROCHO.111125.45.12.XL.R1016.03	-	Ø 7/16"	Ø 10.80	Ø 12.00	45.00	50.00	1.016	0.04	101.00	.HB
AM.TROCHO.12.48.12.XL.R0500.03	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.500	-	101.00	.HB
AM.TROCHO.12.48.12.XL.R0750.03	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	0.750	-	101.00	.HB
AM.TROCHO.12.48.12.XL.R1000.03	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	1.000	-	101.00	.HB
AM.TROCHO.12.48.12.XL.R1250.03	Ø 12.000	-	Ø 11.70	Ø 12.00	48.00	52.00	1.250	-	101.00	.HB
AM.TROCHO.12700.51.14.XL.R0508.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.508	0.02	120.00	.HB
AM.TROCHO.12700.51.14.XL.R0762.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	0.762	0.03	120.00	.HB
AM.TROCHO.12700.51.14.XL.R1016.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	1.016	0.04	120.00	.HB
AM.TROCHO.12700.51.14.XL.R1270.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	1.270	0.05	120.00	.HB
AM.TROCHO.12700.51.14.XL.R1524.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	51.00	55.00	1.524	0.06	120.00	.HB
AM.TROCHO.14.56.24.XL.R1000.03	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	1.000	-	120.00	.HB
AM.TROCHO.14.56.24.XL.R1250.03	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	1.250	-	120.00	.HB
AM.TROCHO.14.56.24.XL.R1500.03	Ø 14.000	-	Ø 13.70	Ø 14.00	56.00	60.00	1.500	-	120.00	.HB
AM.TROCHO.142875.58.16.XL.R0762.03	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	0.762	0.03	120.00	.HB
AM.TROCHO.142875.58.16.XL.R1016.03	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	1.016	0.04	120.00	.HB
AM.TROCHO.142875.58.16.XL.R1270.03	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	1.270	0.05	120.00	.HB
AM.TROCHO.142875.58.16.XL.R1524.03	-	Ø 9/16"	Ø 13.90	Ø 16.00	58.00	62.00	1.524	0.06	120.00	.HB
AM.TROCHO.15875.64.16.XL.R0762.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	0.762	0.03	120.00	.HB
AM.TROCHO.15875.64.16.XL.R1016.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	1.016	0.04	120.00	.HB
AM.TROCHO.15875.64.16.XL.R1270.02	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	1.270	0.05	120.00	.HB
AM.TROCHO.15875.64.16.XL.R1524.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	64.00	68.00	1.524	0.06	120.00	.HB
AM.TROCHO.16.64.16.XL.R1000.03	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	1.000	-	120.00	.HB
AM.TROCHO.16.64.16.XL.R1250.03	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	1.250	-	120.00	.HB
AM.TROCHO.16.64.16.XL.R1500.03	Ø 16.000	-	Ø 15.70	Ø 16.00	64.00	68.00	1.500	-	120.00	.HB

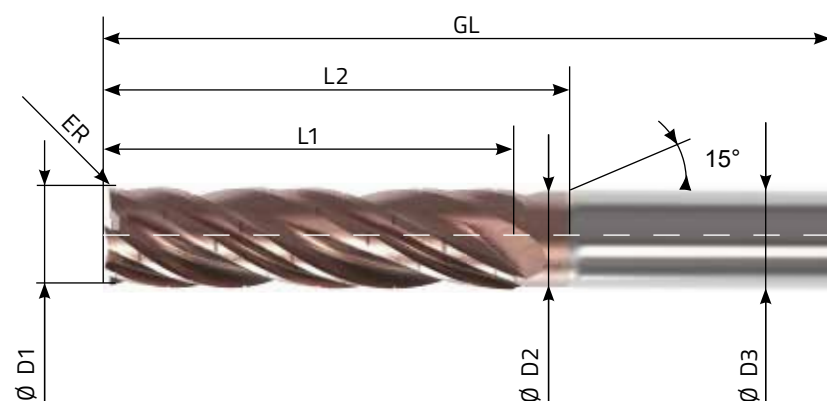
■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.16.06.XL.R0200.03.HB

Available from stock

5xD Steel-TrochoidXXL Toric



ACTIONMILL D1: 4.0 mm L1: 20.0 mm
AM.TROCHO.04.20.06.XXL.R0200.03 ← Coating
Product name D3: 6.0 mm XXL-Variant



■ α-INOX coated



5 PRO's of the ACTIONMILL:

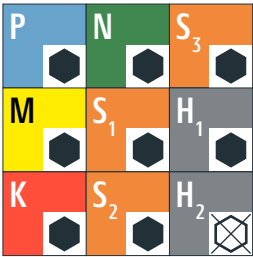
- Vibration-free machining thanks to uneven flute spacing and unequal helix angles
- Special cutting edge design for vibration damping
- High-performance tool for trochoidal machining with a cutting edge length of 5xD
- Chip breaker geometry for process-reliable roughing of pockets and contours
- Corner radius provides additional stability to the milling cutter

Article number	D1 (mm)	D1 (inch)	D2 (mm)	D3 h6 (mm)	L1 (mm)	L2 (mm)	ER (mm)	ER (inch)	GL (mm)	HB- Shank
AM.TROCHO.03968.20.06.XXL.R0254.03	Ø 3.968	Ø 5/32"	Ø 3.80	Ø 6.00	20.00	24.00	0.254	0.01	83.00	.HB
AM.TROCHO.04.20.06.XXL.R0200.03	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.200	-	83.00	.HB
AM.TROCHO.04.20.06.XXL.R0300.03	Ø 4.000	-	Ø 3.80	Ø 6.00	20.00	24.00	0.300	-	83.00	.HB
AM.TROCHO.04762.25.06.XXL.R0254.03	Ø 4.762	Ø 3/16"	Ø 4.50	Ø 6.00	25.00	29.00	0.254	0.01	83.00	.HB
AM.TROCHO.05.25.06.XXL.R0200.03	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.200	-	83.00	.HB
AM.TROCHO.05.25.06.XXL.R0300.03	Ø 5.000	-	Ø 4.80	Ø 6.00	25.00	29.00	0.300	-	83.00	.HB
AM.TROCHO.05556.30.06.XXL.R0254.03	Ø 5.556	Ø 7/32"	Ø 5.20	Ø 6.00	30.00	34.00	0.254	0.01	83.00	.HB
AM.TROCHO.06.30.06.XXL.R0200.03	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.200	-	83.00	.HB
AM.TROCHO.06.30.06.XXL.R0300.03	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.300	-	83.00	.HB
AM.TROCHO.06.30.06.XXL.R0500.03	Ø 6.000	-	Ø 5.70	Ø 6.00	30.00	34.00	0.500	-	83.00	.HB
AM.TROCHO.0635.32.08.XXL.R0254.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.254	0.01	83.00	.HB
AM.TROCHO.0635.32.08.XXL.R0508.03	Ø 6.350	Ø 1/4"	Ø 6.00	Ø 8.00	32.00	36.00	0.508	0.02	83.00	.HB
AM.TROCHO.7144.36.08.XXL.R0254.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.254	0.01	83.00	.HB
AM.TROCHO.7144.36.08.XXL.R0508.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.508	0.02	83.00	.HB
AM.TROCHO.7144.36.08.XXL.R0762.03	Ø 7.144	Ø 9/32"	Ø 6.90	Ø 8.00	36.00	40.00	0.762	0.03	83.00	.HB
AM.TROCHO.7938.40.08.XXL.R0254.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.254	0.01	83.00	.HB
AM.TROCHO.7938.40.08.XXL.R0508.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.508	0.02	83.00	.HB
AM.TROCHO.7938.40.08.XXL.R0762.03	Ø 7.938	Ø 5/16"	Ø 7.80	Ø 8.00	40.00	44.00	0.762	0.03	83.00	.HB
AM.TROCHO.08.40.08.XXL.R0500.03	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.500	-	83.00	.HB
AM.TROCHO.08.40.08.XXL.R0750.03	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	0.750	-	83.00	.HB
AM.TROCHO.08.40.08.XXL.R1000.03	Ø 8.000	-	Ø 7.80	Ø 8.00	40.00	44.00	1.000	-	83.00	.HB
AM.TROCHO.9525.48.10.XXL.R0508.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	0.508	0.02	101.00	.HB
AM.TROCHO.9525.48.10.XXL.R0762.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	0.762	0.03	101.00	.HB
AM.TROCHO.9525.48.10.XXL.R1016.03	Ø 9.525	Ø 3/8"	Ø 9.20	Ø 10.00	48.00	52.00	1.016	0.04	101.00	.HB
AM.TROCHO.10.50.10.XXL.R0500.03	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.500	-	101.00	.HB
AM.TROCHO.10.50.10.XXL.R0750.03	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	0.750	-	101.00	.HB
AM.TROCHO.10.50.10.XXL.R1000.03	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	1.000	-	101.00	.HB
AM.TROCHO.10.50.10.XXL.R1250.03	Ø 10.000	-	Ø 9.70	Ø 10.00	50.00	54.00	1.250	-	101.00	.HB
AM.TROCHO.111125.56.12.XXL.R0508.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.508	0.02	110.00	.HB
AM.TROCHO.111125.56.12.XXL.R0762.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	0.762	0.03	110.00	.HB
AM.TROCHO.111125.56.12.XXL.R1016.03	Ø 11.1125	Ø 7/16"	Ø 10.80	Ø 12.00	56.00	60.00	1.016	0.04	110.00	.HB
AM.TROCHO.12.60.12.XXL.R0500.03	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.500	-	110.00	.HB
AM.TROCHO.12.60.12.XXL.R0750.03	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	0.750	-	110.00	.HB
AM.TROCHO.12.60.12.XXL.R1000.03	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	1.000	-	110.00	.HB
AM.TROCHO.12.60.12.XXL.R1250.03	Ø 12.000	-	Ø 11.70	Ø 12.00	60.00	64.00	1.250	-	110.00	.HB
AM.TROCHO.12700.54.14.XXL.R0508.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.508	0.02	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R0762.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	0.762	0.03	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R1016.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	1.016	0.04	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R1270.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	1.270	0.05	120.00	.HB
AM.TROCHO.12700.54.14.XXL.R1524.03	Ø 12.700	Ø 1/2"	Ø 12.40	Ø 14.00	54.00	58.00	1.524	0.06	120.00	.HB
AM.TROCHO.14.70.24.XXL.R1000.03	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	1.000	-	120.00	.HB
AM.TROCHO.14.70.24.XXL.R1250.03	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	1.250	-	120.00	.HB
AM.TROCHO.14.70.24.XXL.R1500.03	Ø 14.000	-	Ø 13.70	Ø 14.00	70.00	74.00	1.500	-	120.00	.HB
AM.TROCHO.142875.72.16.XXL.R0762.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	0.762	0.03	130.00	.HB
AM.TROCHO.142875.72.16.XXL.R1016.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	1.016	0.04	130.00	.HB
AM.TROCHO.142875.72.16.XXL.R1270.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	1.270	0.05	130.00	.HB
AM.TROCHO.142875.72.16.XXL.R1524.03	Ø 14.2875	Ø 9/16"	Ø 13.90	Ø 16.00	72.00	76.00	1.524	0.06	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R0762.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	0.762	0.03	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R1016.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	1.016	0.04	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R1270.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	1.270	0.05	130.00	.HB
AM.TROCHO.15875.80.16.XXL.R1524.03	Ø 15.875	Ø 5/8"	Ø 15.50	Ø 16.00	80.00	84.00	1.524	0.06	130.00	.HB
AM.TROCHO.16.80.16.XXL.R1000.03	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	1.000	-	130.00	.HB
AM.TROCHO.16.80.16.XXL.R1250.03	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	1.250	-	130.00	.HB
AM.TROCHO.16.80.16.XXL.R1500.03	Ø 16.000	-	Ø 15.70	Ø 16.00	80.00	84.00	1.500	-	130.00	.HB

■ For a mill with HB shank, add ".HB" to the article number, e.g. AM.TROCHO.04.20.06.XXL.R0200.03.HB

Available from stock

ACTIONMILL[®]
by HB microtec
INOX-TrochoidXL / XXL
ALU-Trochoid XL / XXL
Steel-Trochoid XL / XXL



Material group	Material group	Mat. no.	DIN	AISI/ASTM/UNS
P	Steels up to RM < 1200N/mm²	1.0044	S275JR	AISI 1020
		1.0715	11SMn30	AISI 1215
		1.7131	16MnCr5	AISI 5115
		1.3505	100Cr6	AISI 52100
		1.7225	42CrMo4	AISI 4140
M	Stainless steels: ferritic, martensitic, austenitic	1.4034	X46Cr13	AISI 420C
		1.4542	X5CrNiCuNb 16-4	AISI 630 / ASTM 17-4 PH
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH
		1.4301	X5CrNi 18-10	AISI 304
		1.4435	X2CrNiMo 18-14-3	AISI 316L
K	Cast iron	0.6020	GG20	ASTM 30
		0.6030	GG30	ASTM 40B
		0.7040	GGG40	ASTM 60-40-18
		0.7060	GGG60	ASTM 80-60-03
N	Non-ferrous metals	3.2315	AlMgSi1	ASTM 6351
		2.0065	Cu-ETP / CW004A	UNS C11000
		2.0321	CuZn37 CW508L	UNS C27400
		2.0401	CuZn39Pb3 / CW614N	UNS C38500
		2.0966	CuAl10Ni5Fe4	UNS C63000
S (S1, S2, S3)	Heat-resistant steels, titanium, CrCo	2.4617	NiMo28	Hastelloy B-2
		2.4665	NiCr22Fe18Mo	Hastelloy X
		3.7165	TiAl6V4	ASTM B348 / F136
		9.9367	TiAl6Nb7	ASTM F1295
		2.4964	CoCr20W15Ni	Haynes 25
			CrCoMo28	ASTM F1537
H	Hardened steels ≥ 55 HRC	1.2510	100MnCrMoW4	AISI O1
		1.2379	X153CrMoV12	AISI D2

Recommended use Highly suitable Partially suitable Not recommended

ap=L1	ae=0.05xD1	ap=L1	ae=0.05xD1	ap=L1	ae=0.05xD1	ap=L1	ae=0.05xD1	ap=L1	ae=0.05xD1
from Ø 4.0 mm		from Ø 6.0 mm		from Ø 8.0 mm		from Ø 10 mm		from Ø 12 mm - Ø 16 mm	
vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	vc [m/min]	vc [m/min]	fz [mm]
100-200	0.02 - 0.035	100-200	0.03 - 0.045	100-200	0.05 - 0.065	100-200	0.06 - 0.075	100-200	0.07 - 0.085
100-200	0.02 - 0.03	100-200	0.03 - 0.04	100-200	0.05 - 0.055	100-200	0.06 - 0.065	100-200	0.07 - 0.075
80-110	0.02 - 0.03	80-110	0.035 - 0.045	80-110	0.045 - 0.055	80-110	0.055 - 0.065	80-110	0.065 - 0.075
70-100	0.015 - 0.025	70-100	0.035 - 0.045	70-100	0.045 - 0.055	70-100	0.055 - 0.065	70-100	0.065 - 0.075
80-170	0.02 - 0.04	80-170	0.04 - 0.055	80-170	0.05 - 0.065	80-170	0.06 - 0.065	80-170	0.065 - 0.085
80-160	0.02 - 0.04	80-160	0.035 - 0.06	80-160	0.055 - 0.06	80-160	0.055 - 0.06	80-160	0.065 - 0.075
100-200	0.02 - 0.045	100-200	0.035 - 0.06	100-200	0.055 - 0.06	100-200	0.055 - 0.06	100-200	0.065 - 0.08
80-120	0.02 - 0.045	80-120	0.035 - 0.06	80-120	0.055 - 0.06	80-120	0.055 - 0.06	80-120	0.065 - 0.085
50 - 80	0.02 - 0.03	50 - 80	0.03 - 0.04	50 - 80	0.03 - 0.05	50 - 80	0.04 - 0.06	50 - 80	0.05 - 0.07
40-70	0.02 - 0.03	40-70	0.03 - 0.04	40-70	0.03 - 0.05	40-70	0.04 - 0.06	40-70	0.05 - 0.07
25-40	0.02 - 0.03	25-40	0.03 - 0.04	25-40	0.03 - 0.05	25-40	0.04 - 0.06	25-40	0.05 - 0.07
no data available									
no data available									

TRIPLE-FUNCTION Z4 Multifunctional milling tool

Standardized HB microtec technologies

With the ACTIONMILL TRIPLE-FUNCTION, we combine our three standard geometries into a single tool:



5 PRO's of the ACTIONMILL:

- Shorter processing times
- Greater process reliability
- Increased machine capacity
- Improved quality
- Perfect price-performance ratio

TRIPLE-FUNCTION Z6 Multifunctional milling tool with chip breaker

Standardized HB microtec technologies

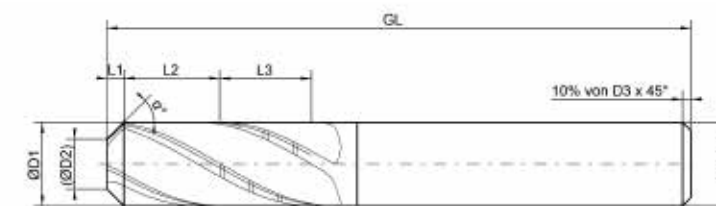
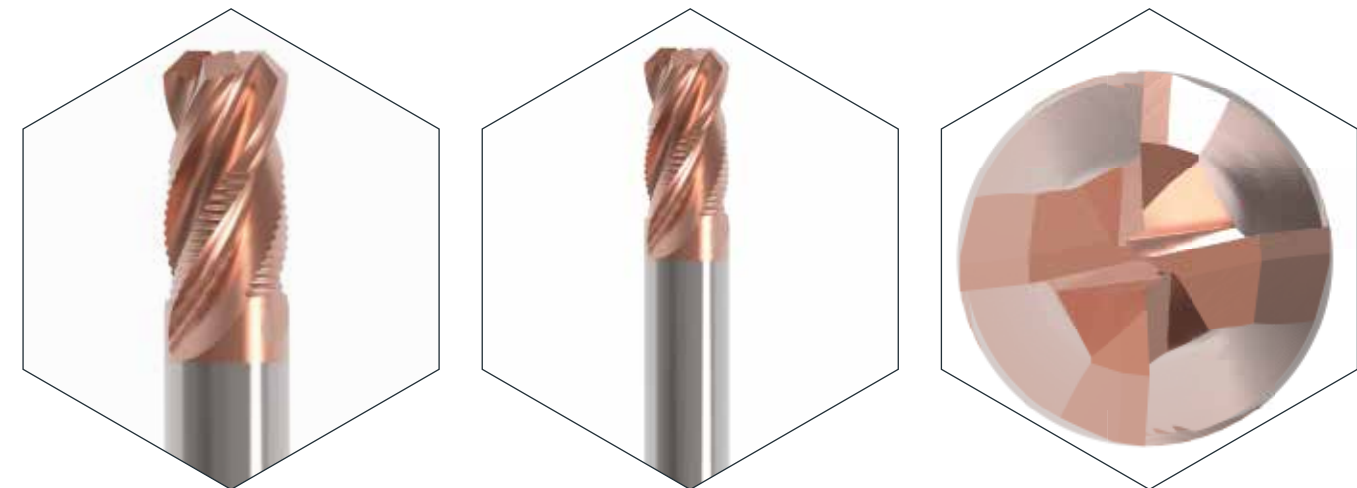
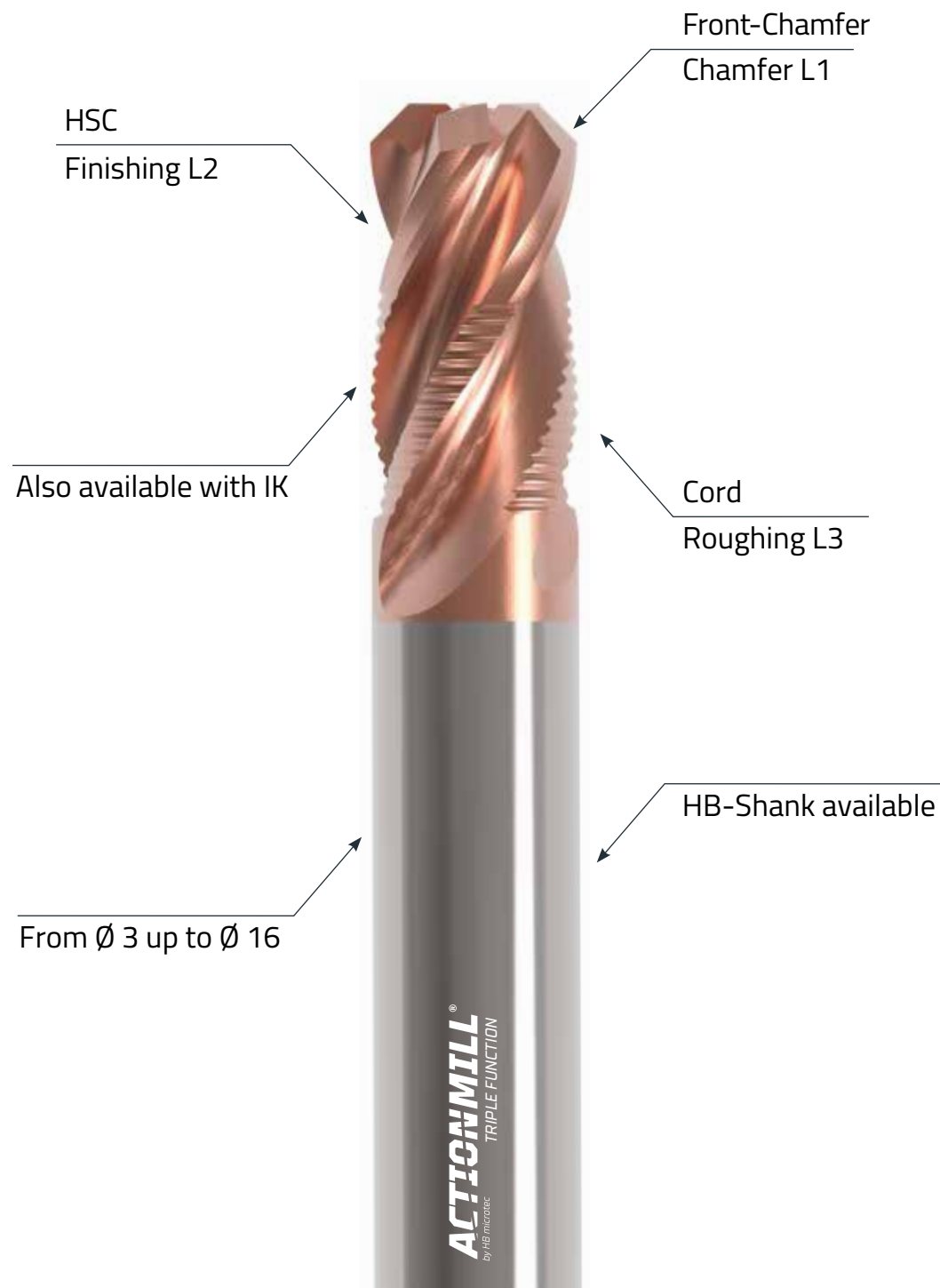
With the ACTIONMILL TRIPLE-FUNCTION, we combine our three standard geometries into a single tool:



5 PRO's of the ACTIONMILL:

- Triple milling function
- High-performance geometries
- Universally applicable
- High-quality and precise surfaces
- Cost savings

TRIPLE-FUNCTION Z4
Multifunctional milling tool



☐ Order Order number: _____ ☐ Inquiry

Dimensions: D1: _____ GL: _____ α : _____ D2: _____ L1: _____ EF: _____ D3: _____ L2: _____ L3: _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

* Without further information, the most suitable coating will be used.



TRIPLE-FUNCTION Z6
Multifunctional milling tool

Front-Chamfer
Chamfer L1

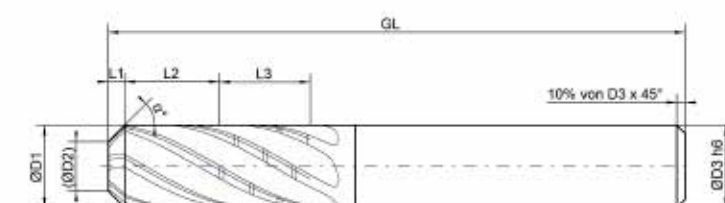
Finish L2
Finishing

Also available with IK

Trochoid L3 with
chip breaker
Roughing

HB-Shank available

From Ø 3 up to Ø 16



☐ Order

Order number: _____

☐ Inquiry

Dimensions:

D₁: _____ GL: _____ α : _____
D₂: _____ L₁: _____ EF: _____
D₃: _____ L₂: _____
L₃: _____

Coating:

☐ Coated*: _____
☐ Uncoated

Cooling channels:

☐ Yes ☐ No

Cutting direction:

☐ Left ☐ Right

Material to be machined:

Shank shape:

Quantity:

Date, signature & company stamp:

Contact person:

* Without further information, the most suitable coating will be used.





Special tools

In addition to standard products, we work with our customers to realize special tool solutions for demanding processes and machining tasks.

Our customers benefit from our many years of machining experience and the lean structures of a medium-sized company. We are extremely flexible and can produce and deliver even individually developed tools within a very short time. Of course, we also optimize special tools already in use to customer specifications.

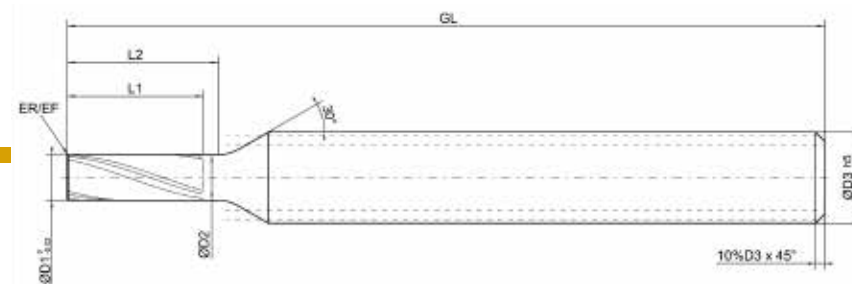
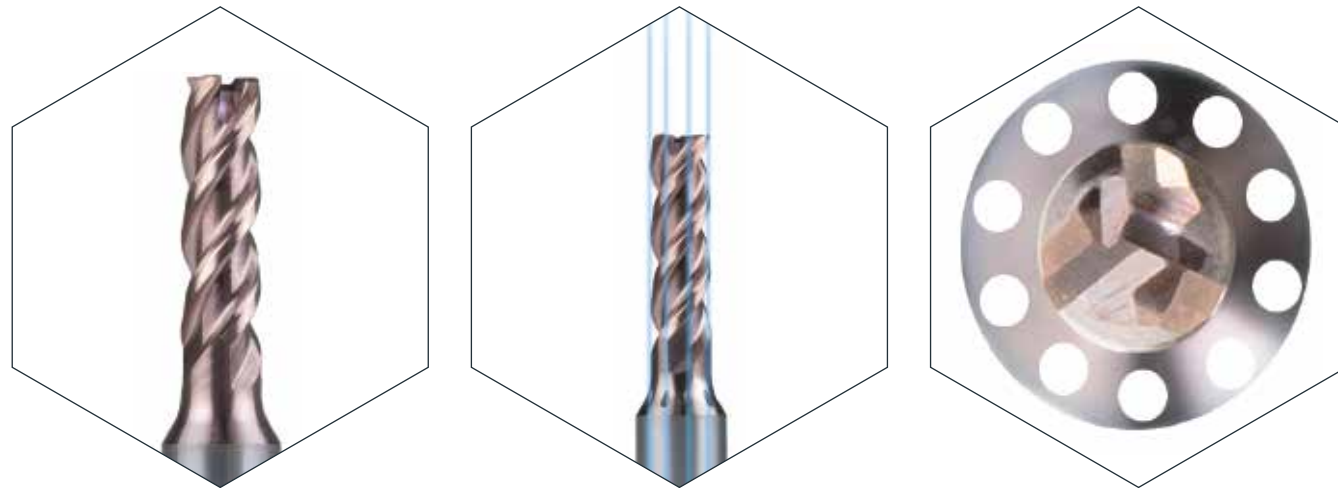
Our customers benefit from shorter machining and lead times, greater flexibility and reduced costs. Special tools help to produce complex geometries in a single machining step while optimizing accuracy on the component. With such tool concepts, we make a decisive contribution to helping our customers produce more economically and competitively. After all, it is not the cost of a tool but the cost per component that largely determines the total costs.

Our ability to develop trend-setting innovations is based on our competent and motivated specialists. They each take responsibility for developing a product and a machining process that leads to success. Our experts are very familiar with all conceivable machining technology processes. In cooperation with research and competence centers such as the Competence Center for Machining Production (KSF) in Tuttlingen, we continuously develop our know-how.

In cooperation with leading machine tool manufacturers, our specialists turn this into solutions for everyday production. We also continuously invest in state-of-the-art production technologies in order to manufacture future-oriented tools of the highest quality.

Manufacturing companies in numerous industries benefit from our high-performance tools, such as: Automotive, watch and jewelry industry, aerospace, medical and dental technology, mechanical and apparatus engineering, tool and mold making, transport and conveyor technology, electrical and electronics, writing instruments, food industry, petrochemicals, valves and fittings, hydraulics and pneumatics, household appliances.

Problem	Cause	Possible solutions
Vibration at the mill	- Cutting speed too low - Feed rate too low - Tool clamping not stable - Tool too long - Tool too unstable - Groove length too long	- Increase cutting speed - Increase feed rate - Check clamping devices and replace if necessary - If possible, choose a shorter version - Use a stronger shank - If possible, choose a shorter version
Vibration on the workpiece	Clamping not stable enough	Check tool clamping, optimize if necessary
Cutting edge breakage	- Tool wear - Incorrect cutting data - Vibration - Conventional milling - Tool stability - Workpiece stability	- Replace or sharpen tool in good time - Adjust cutting data to the machining process. - Reduce speed - Use climb milling - If possible, choose a shorter version - Check clamping devices and optimize if necessary
Cutting edge chipping	- Tool stability - Workpiece stability - Vibration - Feed rate too high - Conventional milling - Cutting material too brittle - Incorrect tool	- If possible, choose a shorter version - Check clamping devices and optimize if necessary - Reduce speed - Reduce feed rate - Use climb milling - Use a tool made of higher-quality cutting material. - Select the tool according to the machining operation.
Milled groove too small	Tool wear too high	Replace or sharpen tool in good time
Milled groove too large	Tool concentricity error	Minimize concentricity errors
Tool breakage	- Cutting cross-section too large - Feed rate too high - Tool length too long	- Reduce or adjust feed per tooth - Reduce feed rate - If possible, choose a shorter version
Too short service life	- Excessive friction - Incorrect tool selection - Incorrect rake angle - Incorrect tool relief angle	- Use coated tool - Adapt tools to the machining process - Select tools with the correct rake angle - Grind or sharpen tools correctly
Bad surface quality	- Incorrect tool selection - Coolant supply incorrect - Feed rate too high - Rotational speed too low - Formation of a built-up edge - Chip removal not optimal - Chip size too large - Tool wear	- Adapt tools to the machining process - Ensure correct coolant supply. - Reduce feed rate - Increase speed - Use a tool with a higher helix angle. - Optimize coolant supply. - Reduce cutting cross-section. - Replace or regrind tool in good time
Chatter marks on the surface	- Tool concentricity error - Tool not stable - Tool clamping unstable	- Reduce concentricity error - Use a tool with a larger shank - Check the tightening device and replace if necessary
Extreme flank wear	- Machining temperature too high - Incorrect choice of cutting material	- Reduce cutting speed - Select a tool made of a suitable cutting material
Excessive tool wear	- Incorrect cutting data - Incorrect helix angle - Conventional milling - Incorrect tool	- Adjust cutting data to machining - Select tool with correct helix angle - Use the tool in climb milling - Adapt tools to the machining process
Longitudinal marking on the surface	- Cutting pressure too high - Cutting temperature too high	- Reduce feed rate - Reduce cutting speed



☐ Order Order number: _____ ☐ Inquiry

Dimensions: D ₁ : _____ GL: _____ EF: ☐ D ₂ : _____ L ₁ : _____ ER: ☐ D ₃ : _____ L ₂ : _____ Z: _____	Coating: ☐ Coated* ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

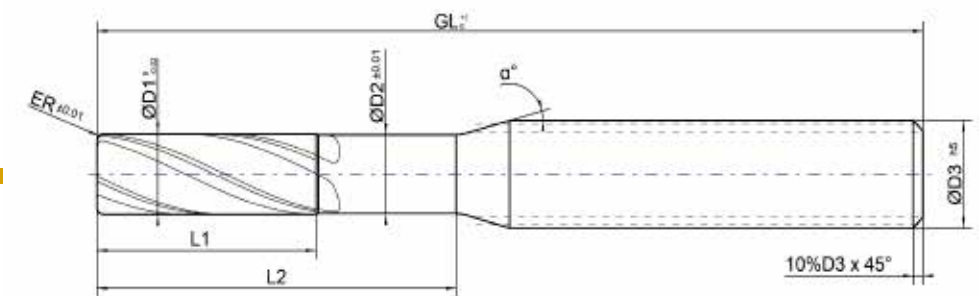
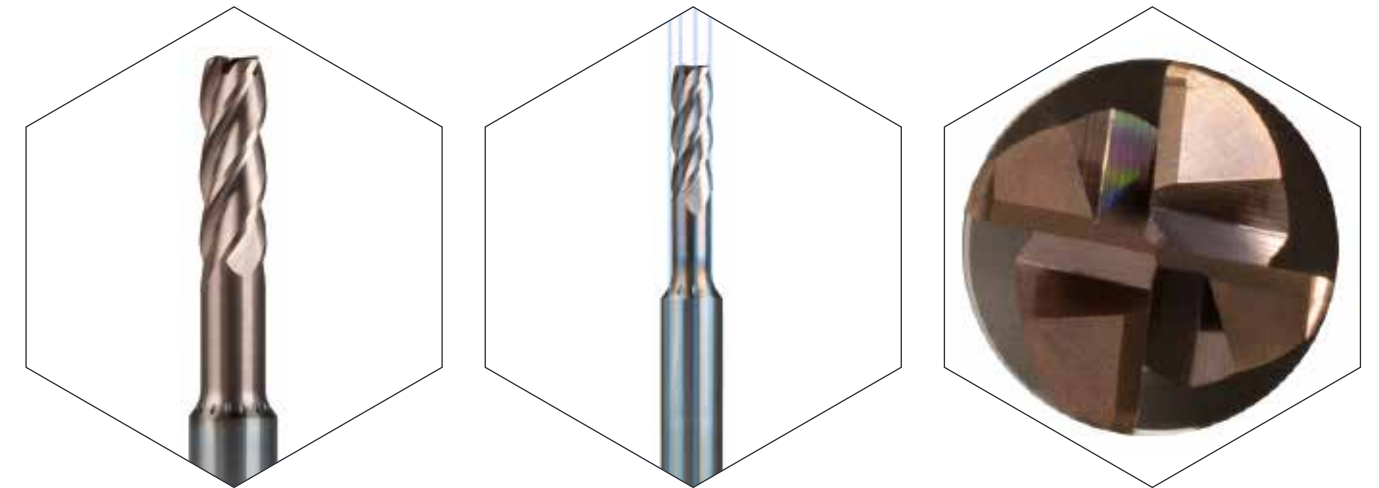
* Without further information, the most suitable coating will be used.



INOX-Groover



INOX-Groover
cooled

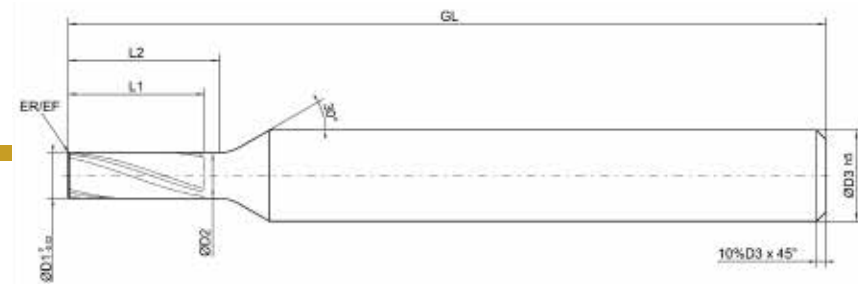


☐ Order Order number: _____ ☐ Inquiry

Dimensions: D ₁ : _____ GL: _____ ER: _____ D ₂ : _____ L ₁ : _____ EF: _____ D ₃ : _____ L ₂ : _____ Z: _____	Coating: ☐ Coated* ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

* Without further information, the most suitable coating will be used.





Order Order number: _____ ☐ Inquiry

Dimensions:	GL: _____ EF: _____	Coating:	☐ Coated* ☐ Uncoated	Cooling channels:	☐ Yes ☐ No
	L1: _____ ER: _____				
	L2: _____ Z: _____			Cutting direction:	☐ Left ☐ Right
Material to be machined:		Shank shape:		Quantity:	
Date, signature & company stamp:		Contact person:			

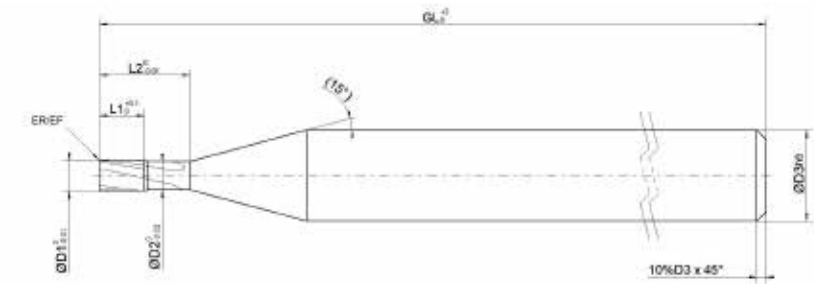
* Without further information, the most suitable coating will be used.



INOX-micro
cooled



INOX-micro

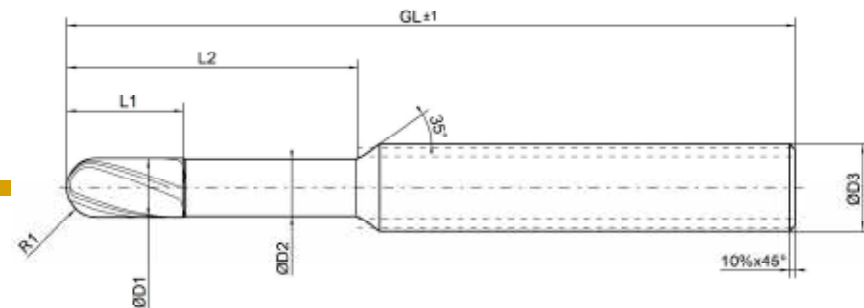
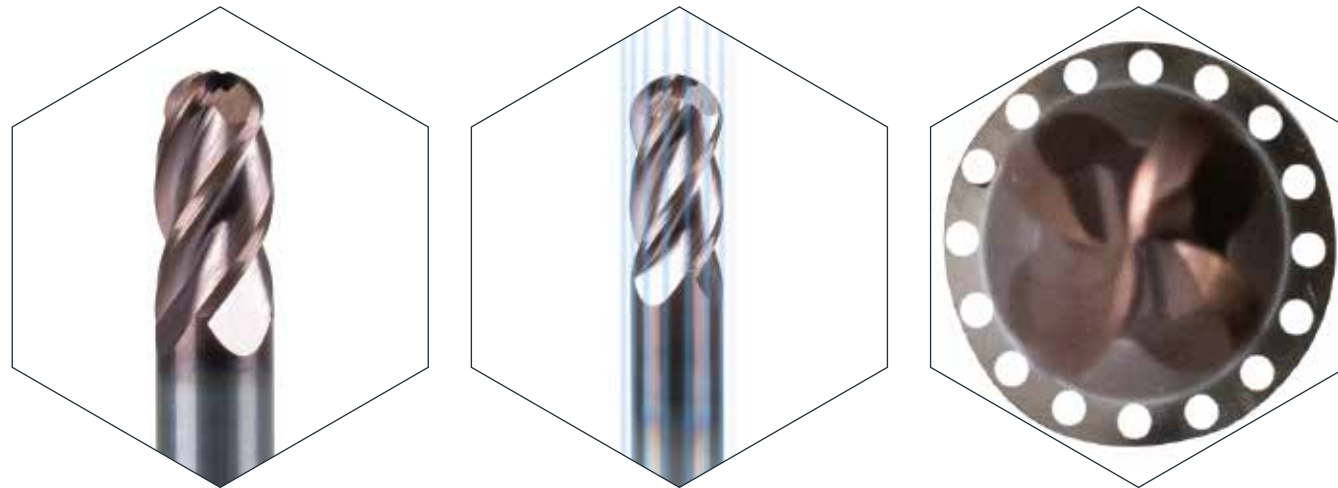


☐ Order Order number: _____ ☐ Inquiry

Dimensions:	D1: _____ GL: _____ EF: _____	Coating:	☐ Coated* ☐ Uncoated	Cooling channels:	☐ Yes ☐ No
	D2: _____ L1: _____ ER: _____				
	D3: _____ L2: _____ Z: _____			Cutting direction:	☐ Left ☐ Right
Material to be machined:		Shank shape:		Quantity:	
Date, signature & company stamp:		Contact person:			

* Without further information, the most suitable coating will be used.





☐ Inquiry

☐ Order

Order number: _____ Other: _____

Dimensions: D ₁ : _____ GL: _____ R ₁ : _____ D ₂ : _____ L ₁ : _____ Z: _____ D ₃ : _____ L ₂ : _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

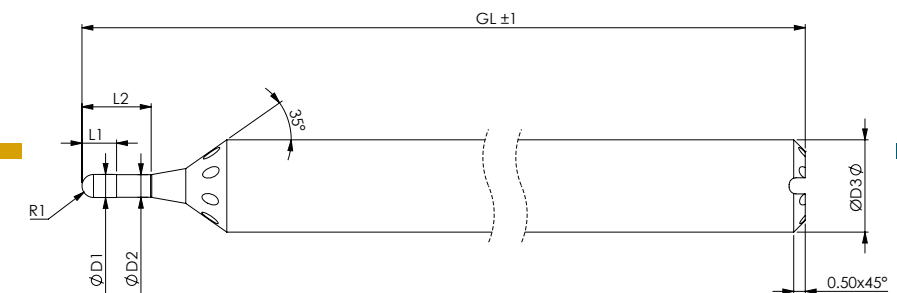
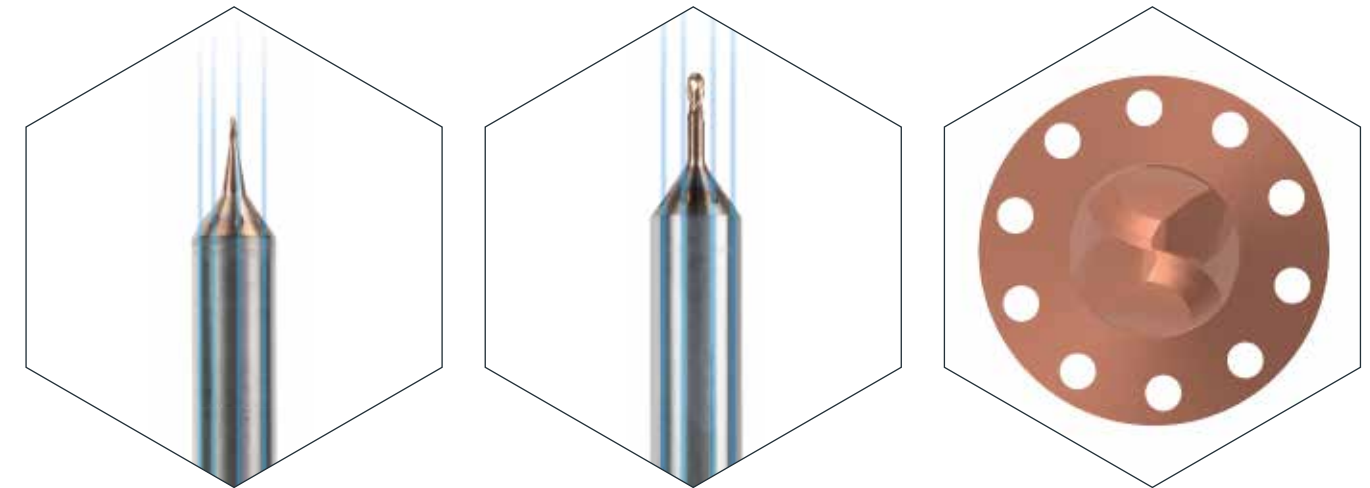
* Without further information, the most suitable coating will be used.



INOX-Ball



INOX-Ball
cooled



☐ Inquiry

☐ Order

Order number: _____ Other: _____

Dimensions: D ₁ : _____ GL: _____ R ₁ : _____ D ₂ : _____ L ₁ : _____ Z: _____ D ₃ : _____ L ₂ : _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

* Without further information, the most suitable coating will be used.



Circle segment mill



☐ Inquiry

☐ Order

Order number: _____

Other: _____

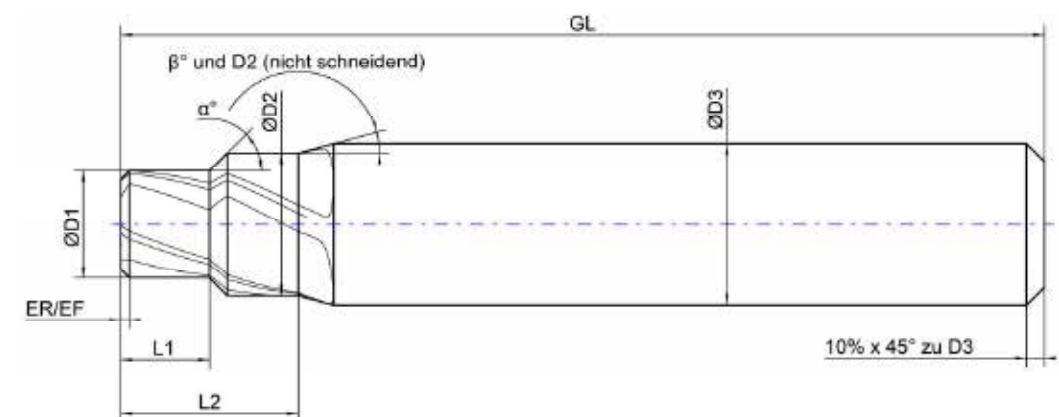
Dimensions: R ₁ : _____ GL: _____ Z: _____ R ₂ : _____ L ₁ : _____ R ₃ : _____ D ₃ : _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

* Without further information, the most suitable coating will be used.



Shaping mill

Shaping mill combination tool: milling + chamfering



☐ Inquiry

☐ Order

Order number: _____

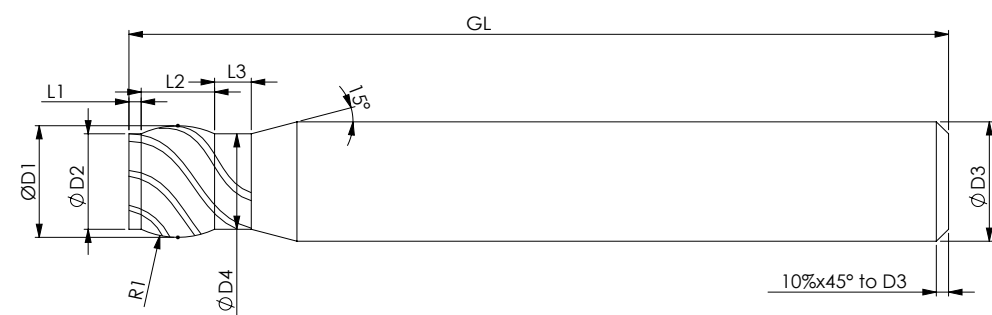
Other: _____

Dimensions: D ₁ : _____ GL: _____ α: _____ D ₂ : _____ L ₁ : _____ β: _____ D ₃ : _____ L ₂ : _____ Z: _____ ER/EF: _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

* Without further information, the most suitable coating will be used.



Convex semicircular mill



☐ Inquiry

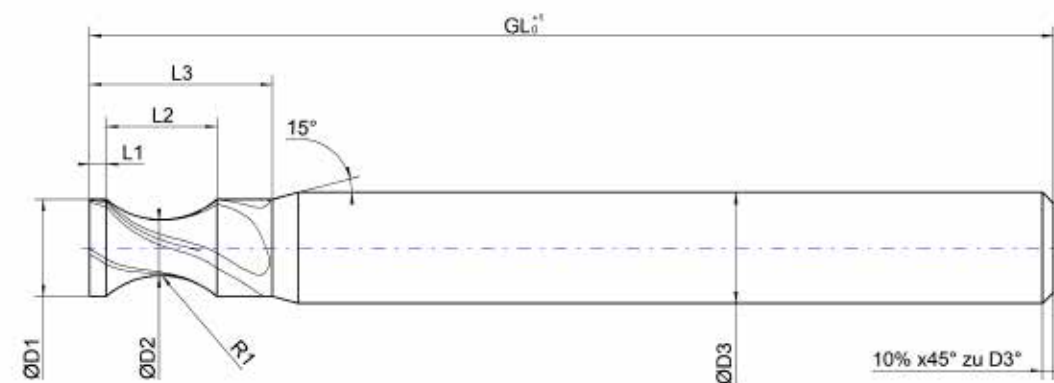
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Dimensions: D ₁ : _____ GL: _____ R ₁ : _____ D ₂ : _____ L ₁ : _____ Z: _____ D ₃ : _____ L ₂ : _____ L ₃ : _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

* Without further information, the most suitable coating will be used.



Concave semicircular mill



☐ Inquiry

☐ Order Order number: _____ Other: _____

Dimensions: D ₁ : _____ GL: _____ R ₁ : _____ D ₂ : _____ L ₁ : _____ Z: _____ D ₃ : _____ L ₂ : _____ L ₃ : _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

* Without further information, the most suitable coating will be used.



Description	Formula	Legend
Speed	$n = \frac{V_c * 1000}{D * \pi}$ [1/min]	D =Mill diameter
Cutting speed	$V_c = \frac{D * \pi * n}{1000}$ [m/min]	Dc=Cutting diameter ae=Radial cutting width
Feed per flute	$f_z = \frac{f}{z} = \frac{V_f}{z * n}$ [mm/U]	ap=Axial cutting depth fz=Feed per flute
Feed per revolution	$f = f_z * n$ [mm/U]	z =Number of teeth n =Revolutions per min.
Feed rate	$V_f = f_z * z * n$ [mm/min]	De=Effective cutting diameter Vc=Cutting speed
Chip removal rate	$Q = \frac{a_p * a_e * V_f}{1000}$ $\left[\frac{cm^3}{min} \right]$	Q=Metal removal rate
Mean chip thickness (face & shoulder milling) wenn 1)	$h_m = f_z \sqrt{\frac{a_e}{D_c}} = mm$	l=Working length Vf=Feed speed
Drive power	$Pa = \frac{a_p * a_e * V_f * k_c}{60 * 10^6 * \eta_{mt}} = KW$	hm=Mean chip thickness kr=Approach angle
Mean chip thickness (wenn .1)	$h_m = \frac{\sin k_r * 180 * a_e * f_z}{\pi * D_c * \arcsin(\frac{a_e}{D_c})} = mm$	Pa=Cutting speed kc= Specific cutting force
Machining time	$T_c = \frac{l}{V_f} = min$	η_{mt} = Efficiency Tc= Machining time
Conversions between systems	1 [mm]= .0394 [inch] 1 [m/min]= 3.28 [SFM]	1 [bar]= 14.5[psi]

Rm [N/mm²]	HV 10	HB	HRC	Rm [N/mm²]	HV 10	HB	HRC
240	75	71	-	920	287	273	28
255	80	76	-	940	293	278	29
270	85	81	-	970	302	287	30
285	90	86	-	995	310	295	31
305	95	90	-	1020	317	301	32
320	100	95	-	1050	327	311	33
335	105	100	-	1080	336	319	34
350	110	105	-	1110	345	328	35
370	115	109	-	1140	355	337	36
385	120	114	-	1170	364	346	37
400	125	119	-	1200	373	354	38
415	130	124	-	1230	382	363	39
430	135	128	-	1260	392	372	40
450	140	133	-	1300	403	383	41
465	145	138	-	1330	413	393	42
480	150	143	-	1360	423	402	43
495	155	147	-	1400	434	413	44
510	160	152	-	1440	446	424	45
530	165	157	-	1480	458	435	46
545	170	162	-	1530	473	449	47
560	175	166	-	1570	484	460	48
575	180	171	-	1620	497	472	49
595	185	176	-	1680	514	488	50
610	190	181	-	1730	527	501	51
625	195	185	-	1790	544	517	52
640	200	190	-	1845	560	532	53
660	205	195	-	1910	578	549	54
675	210	199	-	1980	596	567	55
690	215	204	-	2050	615	584	56
705	220	209	-	2140	639	607	57
720	225	214	-	-	655	622	58
740	230	219	-	-	675	-	59
755	235	223	-	-	698	-	60
770	240	228	-	-	720	-	61
785	245	233	-	-	745	-	62
800	250	238	22	-	773	-	63
820	255	242	23	-	800	-	64
835	260	247	24	-	829	-	65
860	268	255	25	-	864	-	66
870	272	258	26	-	900	-	67
900	280	266	27	-	940	-	68

Number	Icon	Description
1	STEEL	Material: steel Material: Steel
2	TITAN	Material: titanium Material: Titanium
3	INOX VA	Material: stainless and acid-resistant steels Material: INOX
4	GG(G)	Material: cast iron Material: Cast iron
5	PLAS-TIC	Material: plastic Material: Plastic
6	NE	Non-ferrous metals Non-ferrous metal
7	Norm	Design according to HB microtec factory standard Works standard HB microtec
8	HA	Shank form HA Shank design HA
9	Y-IK	With Y internal cooling With Y internal cooling
10	o.IK	Without internal cooling Without internal cooling
11	HPC	High-performance cutting High Performance Cutting
12	HSC	High-speed cutting High Speed Cutting
13	TSC	Dynamic milling: whirl/wobble milling Trochoidal Speed Cutting
14	$\lambda \sim 35/38^\circ$	Helix angle gamma $\sim 35\text{--}38^\circ$ Helix angle gamma $\sim 35\text{--}38^\circ$

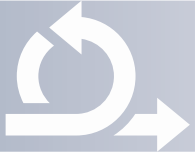
Number	Icon	Description
15	LER	Corner radius (quarter circle) Corner radius (Quarter circle)
16	EF	Corner chamfer Corner chamfer
16	XY	Machining direction xy Machining direction xy
17	xyz	Machining direction xyz Machining direction xyz
18		Trimming, peripheral milling Circumferential milling
19		Slot milling Slot milling
20		Helical milling Helic milling
21		Ramp milling Ramp milling
21	4	Number of cutting edges 4 Cutting teeth number 4
22	6	Number of cutting edges 6 Cutting teeth number 6

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Put us to the test and send us your requirements today!
At HB microtec, we love challenges – and the more special they are,
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you are looking for.

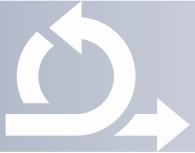
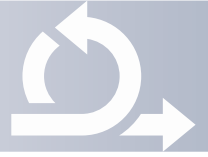
Call +49 7461 1657280 or
write to us at kontakt@hb-microtec.de





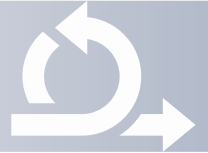
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ACTIONMILL®
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HB microtec®
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