

THREADING OPTIONS JUST GOT DEEPER 335.14

Generate precision threads in holes as deep as 4.170" with our single-roll Disc Mill 335.14 interchangeable threading heads and matching holder shanks. Boost processing speed and versatility, as each head performs both chamfering and threading operations. Additionally, performing two operations with the same tool helps reduce required tooling inventories.

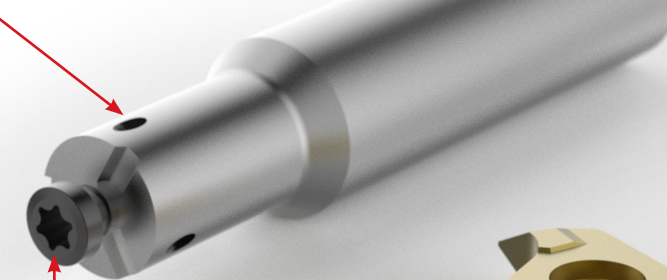
Other threading tools are limited in terms of either thread size and/or maximum hole depths they can thread. The new heads, unlike standard thread mills, are single raw disc mills that circular interpolate an entire hole depth and create threads pitch by pitch, which allows for greater achievable depths. The cutting action of the new heads also keeps chip sizes to a minimum and ensures taper-free deep-hole threading.

These new heads require less machine power and torque so smaller less powerful machine tools can now easily generate big threads because the new heads cut with a single point.

KEY BENEFITS

- Capability to produce deeper and more accurate threads
- High process stability and reliability
- Increased versatility and reduced overall tool costs through interchangeability of heads
- Effective chip control

Coolant flow outlets



Interchangeable
thread mills

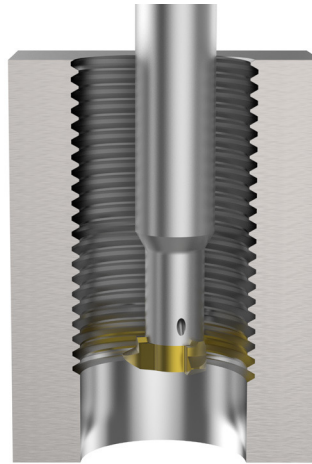
F32M

INTERCHANGABLE THREADMILLS BOOST PRECISION AND VERSATILITY

A broad range of heads and shanks available for all your threadmilling operations by circular interpolation. Strong, reliable and precise connection between the head and the cutter body. Cover all types of material with our universal M geometry and F32M grade.

RANGE OVERVIEW

- Both carbide and steel shank types
- Internal coolant capability
- Over 31 different carbide-coated heads
- Applicable for all workpiece materials
- Head threads and diameters:
 - Diameter Cutter: 0.460" and 1.09"
 - Thread Forms: Metric 60° 1 - 6 mm, Pitch UN 60° 24 - 6 TPI, Whitworth 55° 19 - 11 TPI
 - Partial Profile: 60° 14" - 2.5" TPI
 - 1.75 - 10.00 mm



INDUSTRY APPLICATIONS

- **All internal threading for** - circlips, undercuts, small grooves, o-rings, top and bottom chamfering.

SECO
335.14

PRODUCT SUMMARY

MATERIAL GROUPS
Steel P1-P11
Stainless Steel M1-M5
Cast Iron K1-K7
Non Ferrous N1-N11
Superalloys S1-S3
Hardened Steels H5-H21

FEATURES	ADVANTAGES	BENEFITS	IMPACT
Exchangeable head system with strong, precise and reliable connection	<ul style="list-style-type: none"> • No need to replace the complete tool when used • No need of regrinding • Possibility to apply many types of heads on the same shank • Fast and easy insert changing • Long body life 	<ul style="list-style-type: none"> • Tool management simplified • Predictable tool life • Reduce the inventory • Reliable and trouble free cutting process 	<ul style="list-style-type: none"> • How important is tool interchangeability for threading operations?
All common insert profiles in the standard range	<ul style="list-style-type: none"> • Reduced need of special tooling • Immediate and constant availability 	<ul style="list-style-type: none"> • Tool cost reduced • Get the insert immediately available • No need to have a large and costly inventory 	<ul style="list-style-type: none"> • How would you like to reduce tool cost?
Optimized cutting edge geometry and carbide grade – Appropriate number of teeth	<ul style="list-style-type: none"> • Light cutting effect • Stable cutting process even in tough conditions (long overhang) • Better chip formation and evacuation • Better insert life • Optimized number of teeth and chip space 	<ul style="list-style-type: none"> • Longer tool life for a reduce tool cost • Reliable and trouble free cutting process • Better surface finish & productivity 	<ul style="list-style-type: none"> • How important is it to boost processing speed and versatility?
A wide variety of shanks, both in steel and carbide	<ul style="list-style-type: none"> • Shank type best matching the application need • Improved stability • Better insert life 	<ul style="list-style-type: none"> • Get your cutting process optimized (better productivity) 	<ul style="list-style-type: none"> • How would you like to reduce inventory?