

reCool® Rotary Coolant Supply System

- Converts existing tooling systems to thru coolant at low costs in 2 minutes
- For using ER-collets in driven tools with metric external thread (ISO 15488/DIN 6944)
- Speeds up to 12,000 rpm*
- Coolant pressures up to 70 bar/1,000 PSI*
- Maintenance-free coolant lubricated bearings
- For coolant-thru tools (with DS sealing discs) and for peripheral cooling (with KS flush discs)
- * Exact pressure maximum dependent upon application, ER series, and pressure loss in system. Tubing might need to be upgrade for higher pressures. ER 40 reCool units max of 6,000 rpm.

Made in Switzerland







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Benefits of Internal Cooling with reCool

- Optimized coolant for all tools and for difficult to access machining
- Suitable for use with the REGO-FIX Coolant disk or Coolant flush systems

 More coolant reaches the cutting tool without splattering or spray losses

 Tool lubrication is optimized via through tool coolant

 Increased chip removal



reCool Coolant Supply set includes:

- 1 reCool clamping nut with outer ring
- 2 Coolant pipe with protector (0.6mm, 400 mm length)
- 3 1/8" BSP straight push-in fitting
- 4 1/8" BSP elbow push-in fitting

Type	Part No.
RCR/ER 16	3716.00000
RCR/ER 20	3720.00000
RCR/ER 25	3725.00000
RCR/ER 32	3732.00000
RCR/ER 40	3740.00000

Notes

- Designed for water-based coolant systems not oil-based
- 2) Collets, disks & wrenches not included

Peripheral cooling without reCool

 Adjustment and control of the nozzles or spray tubes with different tool length and tool diameter is limited

 Coolant may not be direct at the cutting edge resulting in higher wear on the cutting tool

 Splattering losses of the spray jet

· Poor chip removal



Watch reCool in action



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