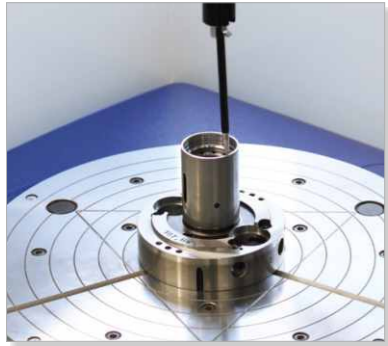
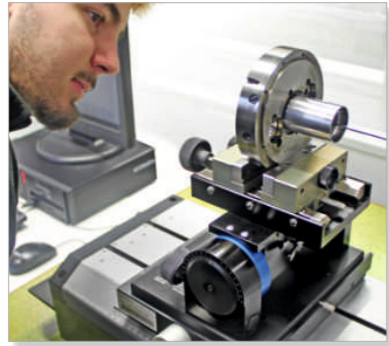


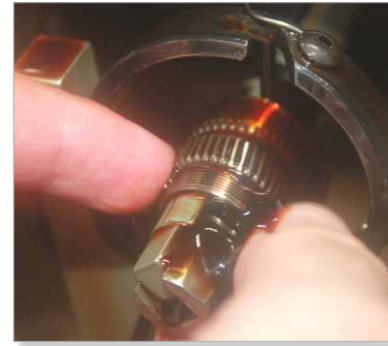
Quality – Precision – Productivity



Roundness test



Profile and roughness test



Honing for longer service life

Complete tool-head solutions

40 years experience

Rapid expert service

Rapid delivery



Ventura Mecanics – Expertise and Customers



12'000 Escomatic® Tool-Heads

500 Ventura® High Speed Tool-Heads

200 Retrofitted Escomatic® Lathes

900 Precision Turning Machines

1983 Founding Year

400 Customers

40 Export Countries

80% Export Sales

Customer Industries

- Automotive
- Medical
- Electronics
- Appliances
- Watchmaking
- Aerospace
- Dental
- Connectors
- Mechanics
- Security Hardware

Examples of Customer Products

- Axes for micro-motors and household appliances
- Special screws, pins and connector rods
- Pins for semiconductor connectors
- Axes for medical instruments and dental drills
- Spring bars for watch bracelets
- Fasteners and pins and for locking mechanisms

Distributor/Agent



Application Guide – Tool-Heads

Tool-Heads
R – R2 – HW
H – D6 – RT – NM

For Escomatic®
and Ventura®
Lathes

Overhaul Service,
Refurbished and
Manufactured New



Tool-Heads R – R2 – HW



For Lathes

- ▶ Ventura® Softcam V2/V4/V5
- ▶ Escomatic® D2/D4/D5
- ▶ Escomatic® D2 CNC UP
- ▶ Ventura® Flexcam V2/V4/V5
- ▶ Escomatic® Flexspeed D2/D5

Tool-Head R (Ø 120 mm)	Tool-Head HW 10'000 RPM (Ø 91 mm)	Tool-Head HW 12'000 RPM (Ø 91 mm)
<p>Ratio 1:3 OS R MN</p> <p>6'000 or 8'000 RPM Ø max. 4.1 mm 2 tools Tapered bush 12°</p> <p>Ratio 1:2</p> <p>Tapered bush 17° Less precise, Ø max. 5 mm</p> <p>Ratio 1:6</p> <p>Tapered bush 6° More precise, Ø max. 2.05 mm</p>	<p>Ratio 1:3 OS R MN</p> <p>10'000 RPM Ø max. 4.1 mm 2 tools Tapered bush 12° with carbide inserts</p> <p>Higher speed Lighter weight Longer life Patented</p>	<p>Ratio 1:3 OS R MN</p> <p>12'000 RPM Ø max. 4.1 mm 2 tools Tapered bush 12° with carbide inserts</p> <p>Higher speed Lighter weight Longer life Oil mist lubrication (Bijur) Patented</p>
Tool-Head R2		
<p>Ratio 1:3 OS R MN</p> <p>Tapered bush 12° (2x positive) Larger force on tool nr. 2</p>		

Tool-Heads H – D6 – RT – NM



For Lathes

- ▶ Escomatic® D2
- ▶ Escomatic® Rotomatic
- ▶ Ventura® Softcam V6
- ▶ Ventura® Flexcam V6
- ▶ Escomatic® D6
- Escomatic®
 - ▶ D2/D5 CNC
 - ▶ D5 Twin
 - ▶ D5 CNC ULTRA
 - ▶ New Mach

Tool-Head H (Ø 120 mm)	Tool-Head D6	Tool-Heads RT + NM
<p>Ratio 1:3 OS R</p> <p>6'000 RPM Ø max. 4.1 mm 2 tools Tapered bush 12°</p> <p>For small parts</p>	<p>Ratio 1:5 OS R MN</p> <p>7'100 RPM Ø max. 6.35 mm (9 mm upon request) 3 independent tools Tapered bush 22°</p> <p>Quill types B, C, D</p>	<p>Overhaul Service OS</p> <p>Dismantling Inspection Grinding Honing Adjustment and assembly Balancing Final inspection</p>

Service and Sales Options

- Overhaul Service (OS)
- Refurbished (R)
- Manufactured New (MN)

