Live Tooling for STAR CNC Swiss Machines

- Exceptionally Accurate Spindle Concentricity
- Hardened and Ground Gearing for smooth and quiet service life.
- Maintenance Friendly Designs are Serviceable
- Innovative Sealing System Protects Internals from Debris and Cutting Oil Contamination
- Includes REGO-FIX Hi-Q Collet Nuts
**STA-A100-E16**

- Straight Drilling & Milling Spindle
- ER16 Collet Taper
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
- ECAS12/20
- SB12-20R
- SR20/J/N/SR-20RIII
- SR20RII
- SR20 RV
- SR32/J/N

Replaces OEM 331-50

**STA-A106-E11**

- Straight Drilling & Milling Spindle
- ER11 Collet Taper
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
- ECAS12/20
- SB12-20R
- SR20/J/N/SR-20RIII
- SR20RII
- SR20 RV
- SR32/J/N
- SW20

Replaces OEM 571-63

**STA-A120-E16**

- Straight Drilling & Milling Spindle
- ER16 Collet Taper
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
- ECAS12/20
- ECAS-32T
- SB12-20R
- SR20/J/N/SR-20RIII
- SR20RII
- SR20 RV
- SV38R
- SW20

Replaces OEM 571-55

**STA-A121-E08**

- Straight Drilling & Milling Spindle
- ER08 Collet Taper
- 8000 Max RPM
- 1:1 gear ratio

Fit Models:
- ECAS12/20
- SB12-20R
- SR20/J/N/SR-20RIII
- SR20RII
- SR20 RV
- SV38R
- SW20

Replaces OEM 571-63
**STA-BW096-E11**

- Backworking Drilling & Milling Spindle
- ER11 Collet Taper
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
- ECAS12/20
- SB12-20R
- SR10J
- SR20J/JN/SR-20RIII
- SR20RII
- SR20 RIV
- SR32J/JN
- SW12RI

Replaces OEM 541-61

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**STA-BW096-E16**

- Backworking Drilling & Milling Spindle
- ER16 Collet Taper
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
- ECAS12/20
- SB12-20R
- SR20J/JN/SR-20RIII
- SR20RII
- SR20 RIV
- SR32J/JN
- SW12RI

Replaces OEM 571-61

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**STA-BW098-E16**

- Backworking Drilling & Milling Spindle
- ER16 Collet Taper
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
- SR20-RIV
- SW-12RI
- SW20

Replaces OEM OR161

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(413)562-4800
**STA-R177-2E16**

- End Working Drilling & Milling Spindle
- (2) ER16 Collet Tapers
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
SB-12/20R
SR20J/JN/RIII
SR20RII
SR20RIV

Replaces OEM 541-51

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**STA-R146-E16**

- End Working Drilling & Milling Spindle
- (1) ER16 Collet Taper
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
SB-12/20R
SR20J/JN/RIII
SR20RII
SR20RIV
SW20

Replaces OEM 571-51

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**STA-R208-3E16**

- End Working Drilling & Milling Spindle
- (3) ER16 Collet Tapers
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
SB-12/20R
SR20J/JN/RIII
SR20RII
SR20RIV

Replaces OEM 661-51

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www.genswiss.com
**STA-R177-4E11**

- End Working Drilling & Milling Spindle
- (4) ER11 Collet Tapers
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
SR20J/JN/RIII
SR-20RIV

Replaces OEM 661-59

**STA-R146-E11**

- End Working Drilling & Milling Spindle
- ER11 Collet Taper
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
ECAS12/20
SW20

Replaces OEM 571-57

**STA-R146-2E11**

- End Working Drilling & Milling Spindle
- (2) ER11 Collet Taper
- 8000 Max RPM
- 1:1 gear ratio

Fits Models:
ECAS12/20
SW20

Replaces OEM 571-57

(413)562-4800
High Speed 3X Drilling and Milling Spindle
- ER11 Collet Taper
- 15500 max. RPM
- 1:2.59 gear ratio

STA-E20-GSC-3X

Backworking Cross Drilling and Milling Spindle
- ER11 Collet Taper
- 8000 max. RPM
- 1:1 gear ratio

STA-SR20J-RSC-007

Coolant Thru Drilling and Milling Spindle
- ER16 Collet Taper
- 8000 max. RPM
- 1:1 gear ratio

STA-SR20J-GSC-010-HP

Coolant Thru Backworking Spindle
- ER16 Collet Taper
- 8000 max. RPM
- 1:1 gear ratio

STA-SR20J-GSE-010-HP

Backworking Cross Drilling and Milling Spindle
- ER11 Collet Taper
- 8000 max. RPM
- 1:1 gear ratio

STA-SR20J-RSC-007
4, 6, and 8mm Insert Widths

Dummy inserts protect the unused insert slots, keeping them particle free and maintaining accuracy when occupied by a threading insert.

**STA-SR20J-W20**
- Thread Whirling Attachment for SR Series
- +/- 20° Helix Adjustment
- 8000 Max RPM
- 1:1 gear ratio
- UTILIS 9 or 12 pocket cutter ring
- 12mm Max. Thread Diameter

*Note: Occupies 2 milling stations*

Fits Models:
SR20J/JN/RIII

**STA-E20-WI-000**
- Thread Whirling Attachment for Star ECAS Machines
- +/- 10° Helix Adjustment
- 8000 Max RPM
- 1:1 gear ratio
- UTILIS 7 or 9 insert cutter ring
- 6mm Max. Thread Diameter

*Note: Occupies 2 milling stations*

Fits Models:
ECAS 20

**Industry Leading Thread Whirling Technology**
- Rapidly produce threads from stock diameter to finished form in a single pass
- 9 or 12 pocket cutter rings produce clean threads by reducing chance of vibration
- Blank ‘dummy’ inserts can be used to run fewer whirling inserts during prototyping runs or short production for cost savings
- Capable of Producing Thread Pitches up to Approximately ~.300" **

(413) 562-4800
**Rotary Broaching Holder: STAR Flange Mount**

- Backworking Post Rotary Broaching Attachment
- Holds 8x28mm Broach Tools
- Generates Polygon Sockets
- For broaching on subspindle
- P/N RBH-2160-160-038-MBG-T16

FOR SR-Series Machines

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**Rotary Broach Holder: Standard Shank w/ Flat**

- Rotary Broaching Attachment
- Holds 8x28mm Broach Tools
- Generates Polygon Sockets
- Adjustment Free - minimal setup required

Part No | D | L
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RBH-2160-158-038 | .625” | 1.50”
RBH-2160-190-100 | .750” | 4.00”
RBH-2160-254-120 | 1.00” | 4.75”
RBH-2160-120-038 | 12mm | 38mm
RBH-2160-140-038 | 14mm | 38mm
RBH-2160-160-038 | 16mm | 38mm
RBH-2160-200-100 | 20mm | 100mm
RBH-2160-220-100 | 22mm | 100mm
RBH-2160-230-100 | 23mm | 100mm
RBH-2160-250-120 | 25mm | 120mm

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**Quick Change Backworking ER Holders**

- Works with GenSwiss CQS Quick Change Tool Adaptors
- Affixes to most STAR backworking tool posts
- Provides orientation notch for boring bars
- Can be used with standard ER collets as well

For SR & SW Series Machines - visit GenSwiss.com for more information

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**Ti-Loc® Tooling - End Mill Extensions & Saw Arbors**

- Available in ER8 thru ER25 collet tapers
- Ideal for micro end mill applications where rigidity is paramount
- Exceptionally low TIR maintains good tool life from micro tools
- Provides repeatable positioning for slotting saws

Visit genswiss.com for additional information and available sizes