Live Tooling
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 Nuts

www.genswiss.com
sales@genswiss.com
1-413-562-4800
**STA-A100-E16**

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

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

Replaces OEM 331-50

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**STA-A106-E11**

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

Fits Models:
- ECAS12/20
- SB12-20R
- SR20J/JN/SR-20RIII
- SR20 RIV
- SR32J/JN
- SV12/20/32

Replaces OEM 571-63

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**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
- SR20J/JN/SR-20RIII
- SR20 RIV
- SR32J/JN
- SV12/20/32
- SV38R
- SW20

Replaces OEM 571-55

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**STA-A121-E08**

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

Fits Models:
- ECAS12/20
- SB12-20R
- SR20J/JN/SR-20RIII
- SR20 RIV
- SV38R
- SW20

Replaces OEM 571-63

www.genswiss.com
### 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
- SW12RII

Replaces OEM 541-61

### 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
- SW12RII

Replaces OEM 571-61

### STA-BW098-E16

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

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

Replaces OEM OR161

(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
SR20RI
SR20RIV

Replaces OEM 541-51

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
SR20RI
SR20RIV
SW20

Replaces OEM 571-51

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
SR20RIV

Replaces OEM 661-51

www.genswiss.com
STA-R177-4E11

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

Fits Models:
SR20JJ/IN/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
**STA-E20-GSC-3X**

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

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

**STA-SR20J-GSC-010-HP**

- Coolant Thru Drilling and Milling Spindle
- ER16 Collet Taper
- 8000 max. RPM
- 1:1 gear ratio
- 2175 psi max Coolant Pressure

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

**STA-SR20J-GSE-010-HP**

- Backworking Coolant Thru Drilling and Milling Spindle
- ER16 Collet Taper
- 8000 max. RPM
- 1:1 gear ratio
- 2175 psi max Coolant Pressure

Fits Models:
- ECAS12/20
- SB12-20R
- SR20J/JN/SR-20RIII
- SR20RII
- SR20 RIV
- SR32J/N
- SW12RII

**STA-SR20J-RSC-007**

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

Fits Models:
- ECAS12/20
- SB12-20R
- SR20J/JN/SR-20RIII
- SR20RII
- SR20 RIV
- SR32J/N
- SW12RII

[www.genswiss.com](http://www.genswiss.com)
**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

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**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” **

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

Whirling Insert

4,6, and 8mm Insert Widths

**Utilis®**

Tooling for High Technology

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(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

Rotary Broach Holder: Standard Shank w/ Flat

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

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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

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

Genevieve Swiss Industries, inc. | 6 Old Stage Road, Westfield MA 01085 | P:413-562-4800 | F:413-562-4802 | www.genswiss.com