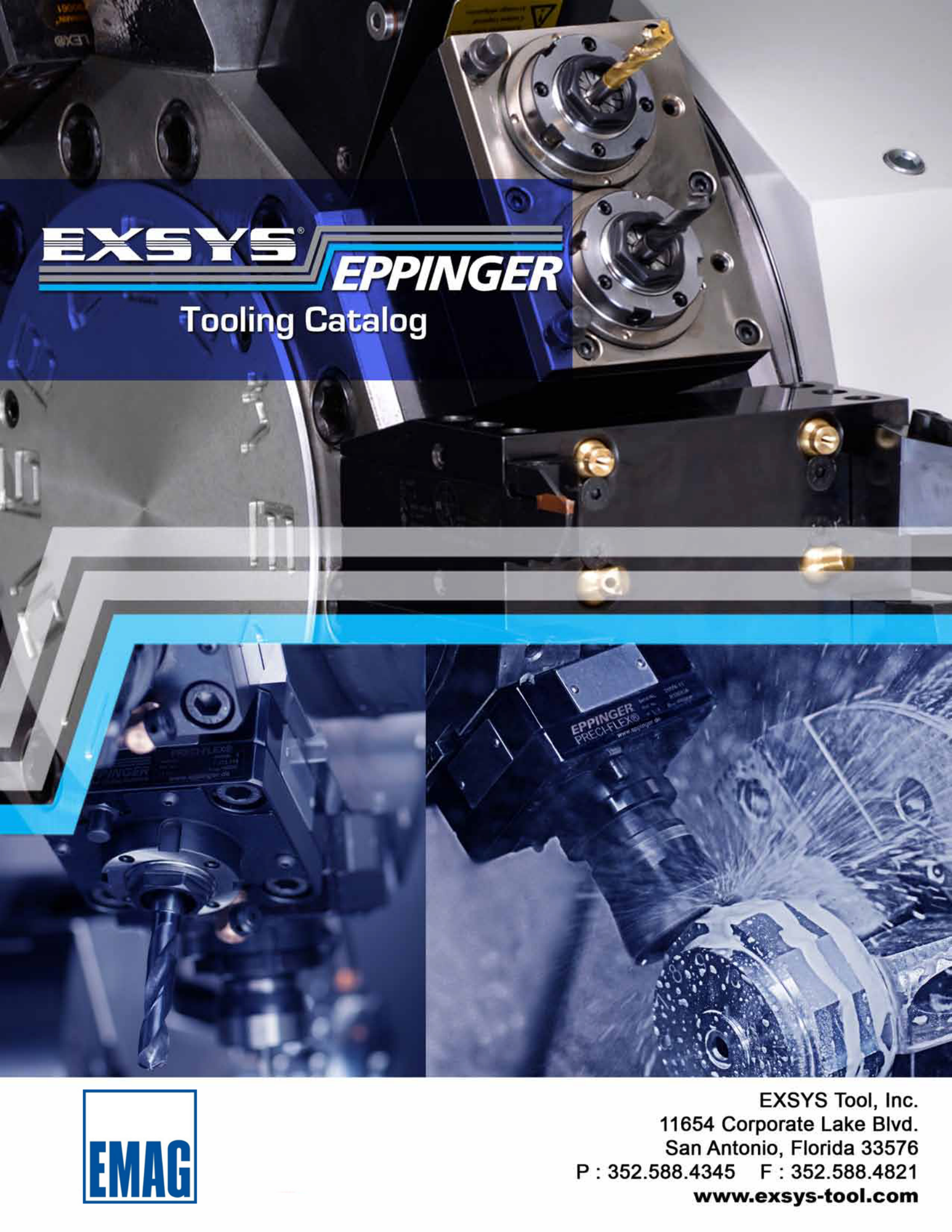




# **EXSYS<sup>®</sup> EPPINGER**

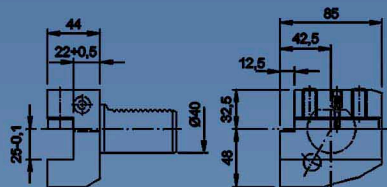
## **Tooling Catalog**



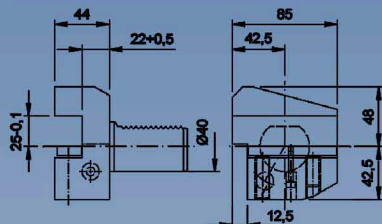
EXSYS Tool, Inc.  
11654 Corporate Lake Blvd.  
San Antonio, Florida 33576  
P : 352.588.4345 F : 352.588.4821  
[www.exsys-tool.com](http://www.exsys-tool.com)

## STATIC TOOLS

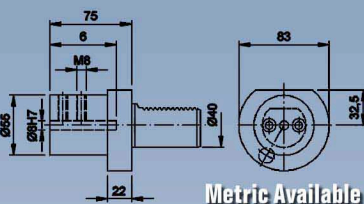
Partno. 213.115.250 Form B2



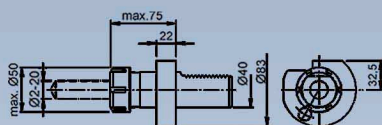
Partno. 213.110.250 Form B4



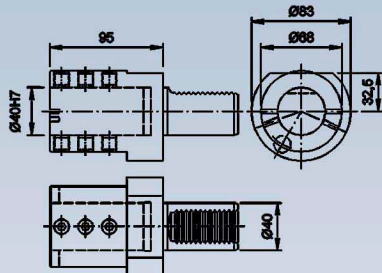
Partno. 213.015.250 Form E2



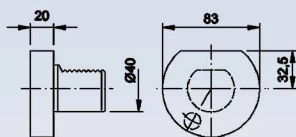
Partno. 223.035.220 Form E4



Partno. 7.040.418



Partno. 213.500.150



## DRIVEN TOOLS

00 Mounted Turret

Part no .....Ext Coolant..... 4.200.831

Part no .....Int Coolant..... 4.200.823

Ratio .....i= 1:1

Input RPM ..... max. 6500 1/min

Output RPM ..... max. 6500 1/min

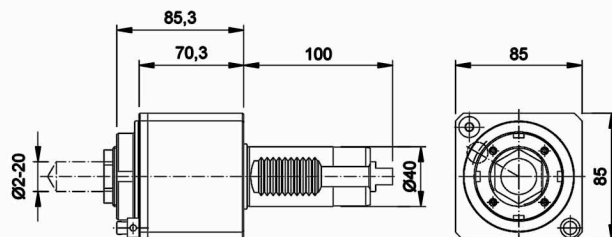
Output Torque ..... max. 80 Nm

Collet Size ..... ER32

Collet Nut .... Part no..Form F...12946

Collet Wrench.....Part no.... SW32

Spindle Wrench.. Part no.. 0.000.468



Part no .....Ext Coolant..... 4.200.850

Part no .....Int Coolant..... 4.200.830

Ratio .....i= 1:1

Input RPM ..... max. 6500 1/min

Output RPM ..... max. 6500 1/min

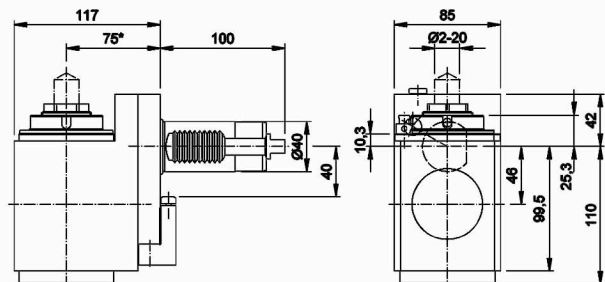
Output Torque ..... max. 50 Nm

Collet Size ..... ER32

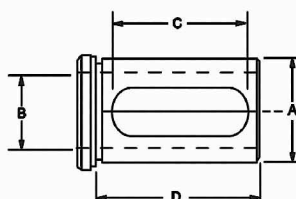
Collet Nut .... Part no..Form F...12946

Collet Wrench.....Part no.... SW32

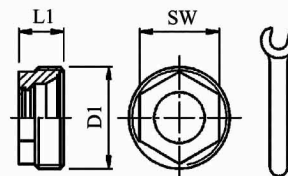
Spindle Wrench.. Part no.. 0.000.468



## Bushing



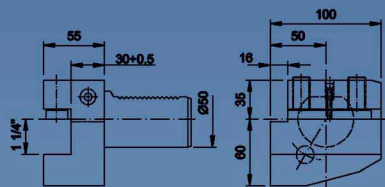
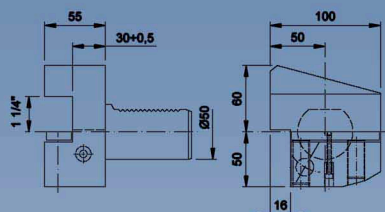
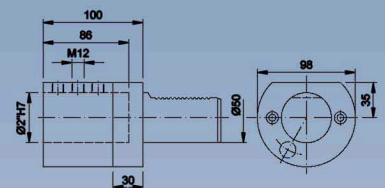
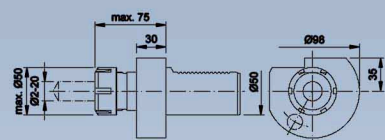
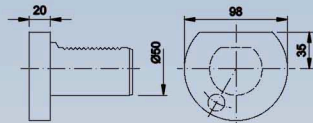
## Form F



## ACCESSORIES

# PRECI-FLEX®

## STATIC TOOLS

**Partno. 214.115.250****Partno. 214.110.250****Partno. 214.015.250****Partno. 224.035.220****Partno. 214.500.150**

## DRIVEN TOOLS

### OD Mounted Turret

**Part no .....Ext Coolant..... 8.820.294**

**Part no .....Int Coolant..... 8.822.294**

**Ratio** ..... **i=1:1**

**Input RPM ..... max. 4000 1/min**

**Output RPM ..... max. 4000 1/min**

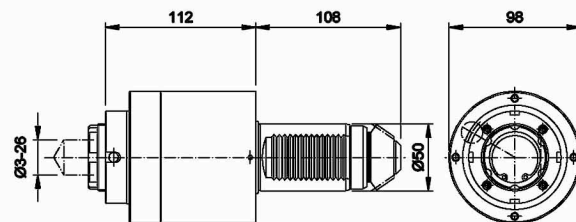
**Output Torque ..... max.100Nm**

**Collet Size ..... ER40**

**Collet Nut .... Part no..Form G....15812**

**Collet Wrench .....Part no....10006**

**Spindle Wrench..... Part no... 1 0009**



## FRONT FACE

**Part no ....Ext Coolant/Right...9.818.153**

**Part no ....Ext Coolant/Left... 9.819.153**

**Ratio .....i=1:1**

**Input RPM ..... max. 4000 1/min**

**Output RPM ..... max. 4000 1/min**

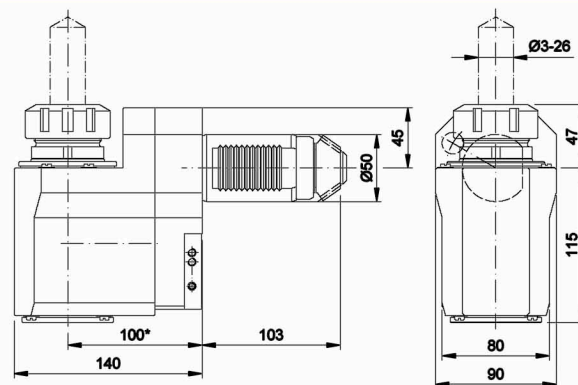
**Output Torque ..... max.100Nm**

**Collet Size ..... ER40**

**Collet Nut .... Part no..Form G....15812**

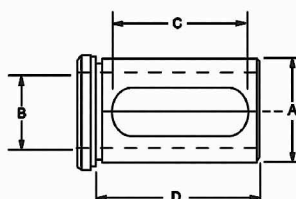
**Collet Wrench.....Part no....10006**

**Spindle Wrench..... Part no... 10009**

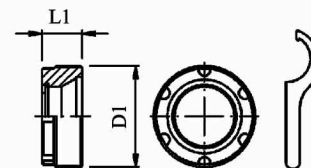


## SIDE FACE

## Bushing



## Form G



## ACCESSORIES

## STATIC TOOLS

**Spindle Wrench..... Part no... 10009**



**Spindle Wrench..... Part no... 10009**



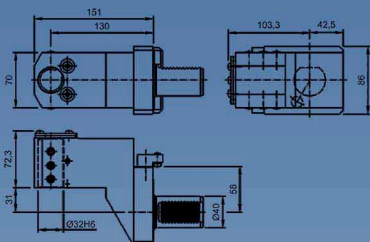
Technical drawing of a mechanical part showing three views: a side view with dimensions  $L1$  and  $D1$ , a top view, and a cross-sectional view.

**EXSYS Tool, Inc. 11654 Corporate Lake Blvd. San Antonio, Florida 33576 T:800.397.9748 F:800.397.9739 P:352.588.4345 [www.exsys-tool.com](http://www.exsys-tool.com)**

# PRECI-FLEX®

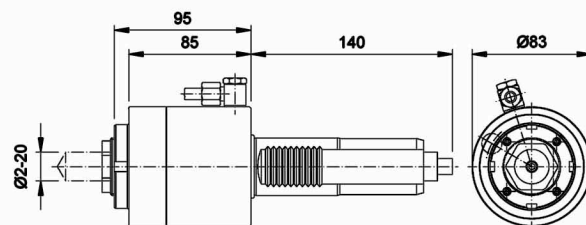
## STATIC TOOLS

Partno. 7.040.800



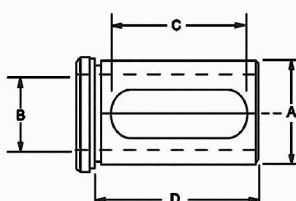
## DRIVEN TOOLS

Part no .....Ext Coolant..... 4.201.432  
 Ratio .....i= 1:1  
 Input RPM ..... max. 6000 1/ min  
 Output RPM ..... max. 6000 1/min  
 Output Torque ..... max.70Nm  
 Collet Size ..... ER32  
 Collet Nut .... Part no..Form F... 12946  
 Collet Wrench .....Part no.... SW32  
 Spindle Wrench..... Part no... 10008

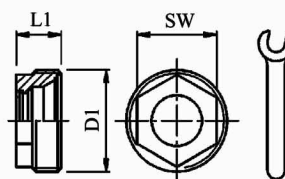


FRONT FACE

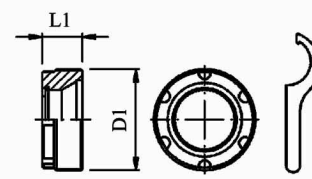
### Bushing



### Form F



### Form G



Please Note: Additional tooling for this machine is available upon request.

ACCESSORIES

# PRECI-FLEX®

| Diameter       |               | ER16        | ER20        | ER25        | ER32        | ER40        |
|----------------|---------------|-------------|-------------|-------------|-------------|-------------|
| (in)           |               | Part No.    | Part No.    | Part No.    | Part No.    | Part No.    |
| 1/16"          |               | EXER16-0062 | EXER20-0062 | EXER25-0062 | EXER32-0125 | EXER40-0125 |
| 1/8"           |               | EXER16-0125 | EXER20-0125 | EXER25-0125 | EXER32-0187 | EXER40-0187 |
| 3/16"          |               | EXER16-0187 | EXER20-0187 | EXER25-0187 | EXER32-0250 | EXER40-0250 |
| 1/4"           |               | EXER16-0250 | EXER20-0250 | EXER25-0250 | EXER32-0312 | EXER40-0312 |
| 5/16"          |               | EXER16-0312 | EXER20-0312 | EXER25-0312 | EXER32-0375 | EXER40-0375 |
| 3/8"           |               | EXER16-0375 | EXER20-0375 | EXER25-0375 | EXER32-0437 | EXER40-0437 |
| 7/16"          |               |             | EXER20-0437 | EXER25-0437 | EXER32-0500 | EXER40-0500 |
| 1/2"           |               |             | EXER20-0500 | EXER25-0500 | EXER32-0562 | EXER40-0562 |
| 9/16"          |               |             |             | EXER25-0562 | EXER32-0625 | EXER40-0625 |
| 5/8"           |               |             |             |             | EXER32-0687 | EXER40-0687 |
| 11/16"         |               |             |             |             | EXER32-0750 | EXER40-0750 |
| 3/4"           |               |             |             |             |             | EXER40-0812 |
| 13/16"         |               |             |             |             |             | EXER40-0875 |
| 7/8"           |               |             |             |             |             | EXER40-0937 |
| 15/16"         |               |             |             |             |             | EXER40-1000 |
| 1"             |               |             |             |             |             |             |
| Clamping Range |               | ER16        | ER20        | ER25        | ER32        | ER40        |
| (mm)           | (in)          | Part No.    | Part No.    | Part No.    | Part No.    | Part No.    |
| 1.0 - 0.5      | 0.039 - 0.019 | EXER16-001  |             |             |             |             |
| 2 - 1          | 0.079 - 0.039 | EXER16-002  | EXER20-002  | EXER25-002  |             |             |
| 3 - 2          | 0.118 - 0.079 | EXER16-003  | EXER20-003  | EXER25-003  | EXER32-003  |             |
| 4 - 3          | 0.157 - 0.118 | EXER16-004  | EXER20-004  | EXER25-004  | EXER32-004  | EXER40-004  |
| 5 - 4          | 0.197 - 0.157 | EXER16-005  | EXER20-005  | EXER25-005  | EXER32-005  | EXER40-005  |
| 6 - 5          | 0.236 - 0.197 | EXER16-006  | EXER20-006  | EXER25-006  | EXER32-006  | EXER40-006  |
| 7 - 6          | 0.276 - 0.236 | EXER16-007  | EXER20-007  | EXER25-007  | EXER32-007  | EXER40-007  |
| 8 - 7          | 0.315 - 0.276 | EXER16-008  | EXER20-008  | EXER25-008  | EXER32-008  | EXER40-008  |
| 9 - 8          | 0.354 - 0.315 | EXER16-009  | EXER20-009  | EXER25-009  | EXER32-009  | EXER40-009  |
| 10 - 9         | 0.394 - 0.354 | EXER16-010  | EXER20-010  | EXER25-010  | EXER32-010  | EXER40-010  |
| 11 - 10        | 0.433 - 0.394 |             | EXER20-011  | EXER25-011  | EXER32-011  | EXER40-011  |
| 12 - 11        | 0.472 - 0.433 |             | EXER20-012  | EXER25-012  | EXER32-012  | EXER40-012  |
| 13 - 12        | 0.512 - 0.472 |             | EXER20-013  | EXER25-013  | EXER32-013  | EXER40-013  |
| 14 - 13        | 0.551 - 0.512 |             |             | EXER25-014  | EXER32-014  | EXER40-014  |
| 15 - 14        | 0.591 - 0.551 |             |             | EXER25-015  | EXER32-015  | EXER40-015  |
| 16 - 15        | 0.630 - 0.591 |             |             | EXER25-016  | EXER32-016  | EXER40-016  |
| 17 - 16        | 0.669 - 0.630 |             |             |             | EXER32-017  | EXER40-017  |
| 18 - 17        | 0.709 - 0.669 |             |             |             | EXER32-018  | EXER40-018  |
| 19 - 18        | 0.748 - 0.709 |             |             |             | EXER32-019  | EXER40-019  |
| 20 - 19        | 0.787 - 0.748 |             |             |             | EXER32-020  | EXER40-020  |
| 21 - 20        | 0.827 - 0.787 |             |             |             |             | EXER40-021  |
| 22 - 21        | 0.866 - 0.827 |             |             |             |             | EXER40-022  |
| 23 - 22        | 0.906 - 0.866 |             |             |             |             | EXER40-023  |
| 24 - 23        | 0.945 - 0.906 |             |             |             |             | EXER40-024  |
| 25 - 24        | 0.984 - 0.945 |             |             |             |             | EXER40-025  |
| 26 - 25        | 1.027 - 0.984 |             |             |             |             | EXER40-026  |

## PRECI-FLEX®

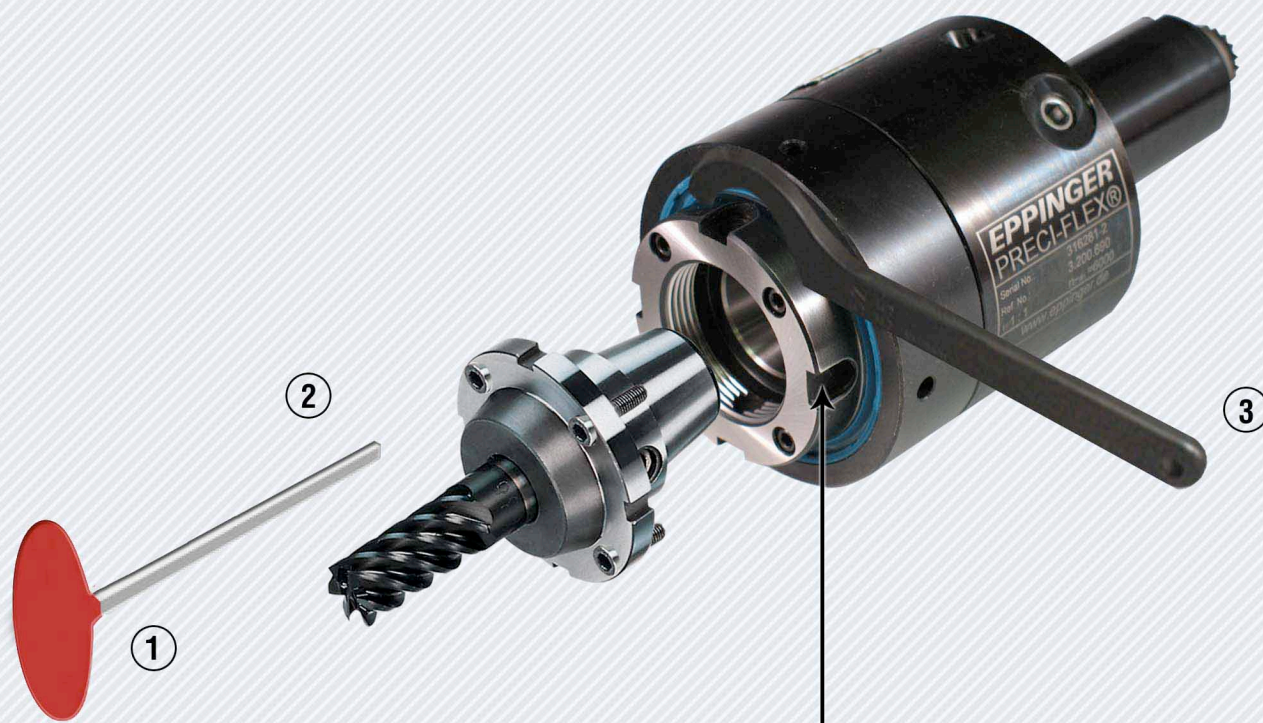
### PRECI-FLEX® Adapter Change

Remove four screws from base holder. Wipe taper and flat mounting surface of adapter and base holder.

With T-Wrench (1) install and tighten four screws (2) using spanner wrench (3) to keep spindle from rotating.

#### CAUTION:

Adapter flange must be flush with mounting surface of base holder.



**Tool Change without  
Removing Adapter**

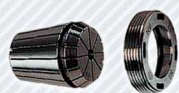
The EMAG logo is displayed in a blue-outlined box in the top left corner.

# PRECI-FLEX®



| Size | Starter Kit |
|------|-------------|
| ER32 | 0.001.003   |
| ER40 | 0.001.004   |

\* Please note: All Kits include  
- Shell Mill  
- Collet Chuck Extended  
- Weldon Shank Standard



Standard Collet



Tapping Collet



Collet Chuck Extended



Weldon Shank Extended



Weldon Shank Standard



Shell Mill



Whistle Notch



Collet Chuck



Collet Chuck Extended



Boring Bar Holder