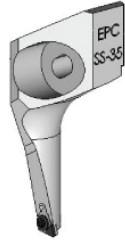


**EPC-SS25**



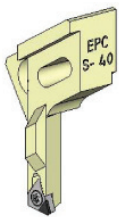
**EPC-SS35**



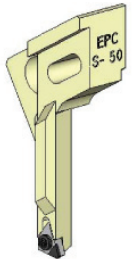
**EPC-SS45**



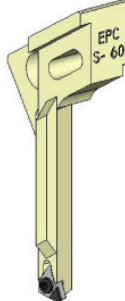
**EPC-S40**



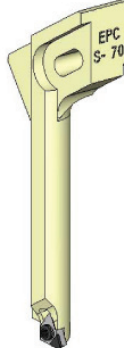
**EPC-S50**



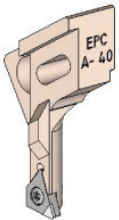
**EPC-S60**



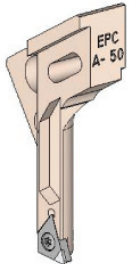
**EPC-S70**



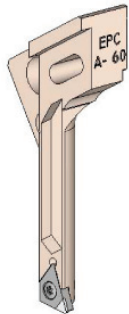
**EPC-A40**



**EPC-A50**

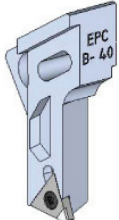


**EPC-A60**

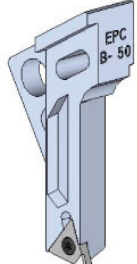


Single Point Cutters need to seat properly within tip-holder. Please check your tip-holders on a regular basis and replace them as needed to maintain optimum machining quality.

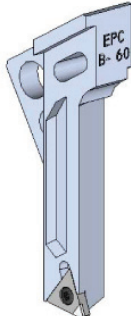
**EPC-B40**



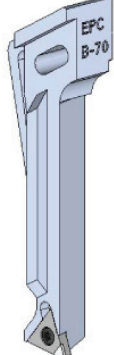
**EPC-B50**



**EPC-B60**



**EPC-B70**



| NEWEN<br>REFERENCE | PILOT DIAMETER<br>(Reference for Tip-Holder<br>Machining Capacity) | MACHINING CAPACITY |                  | TIP-HOLDER<br>OAL | STOCK | GENERAL APPLICATIONS  |
|--------------------|--|--------------------|------------------|-------------------|-------|---|
|                    |  | Minimum Diameter   | Maximum Diameter |                   |       |   |
| <b>EPC-SS25</b>    | 4mm (.1575")   | 13.4mm (.53")      | 60.3mm (2.37")   | 25mm (.984")      | YES   | Motorcycle and automotive cylinder head valve seats, from Ø14mm (.55")          |
| <b>EPC-SS35</b>    | 4mm (.1575")   | 13.4mm (.53")      | 60.3mm (2.37")   | 35mm (1.38")      | YES   | Tuning - Motorcycle and automotive cylinder head valve seats, from Ø14mm (.55") |
| <b>EPC-SS45</b>    | 4mm (.1575")   | 13.4mm (.53")      | 60.3mm (2.37")   | 45mm (1.77")      | YES   |   |
| <b>EPC-S40</b>     | 5mm (.1968")   | 17.1mm (.67")      | 65.3mm (2.57")   | 40mm (1.58")      | YES   | Motorcycle and automotive cylinder head valve seats, from Ø17mm (.67")          |
| <b>EPC-S50</b>     | 5mm (.1968")   | 17.1mm (.67")      | 65.3mm (2.57")   | 50mm (1.97")      | YES   | Tuning - Motorcycle and automotive cylinder head valve seats, from Ø17mm (.67") |
| <b>EPC-S60</b>     | 5mm (.1968")   | 17.1mm (.67")      | 65.3mm (2.57")   | 60mm (2.36")      | YES   |   |
| <b>EPC-S70</b>     | 5mm (.1968")   | 17.1mm (.67")      | 65.3mm (2.57")   | 70mm (2.76")      | YES   | Cam-bucket housings, from Ø17mm (.67")  |
| <b>EPC-A40</b>     | 6mm (.2362")   | 21.5mm (.85")      | 68.7mm (2.71")   | 40mm (1.58")      | YES   | Common cars and trucks  |
| <b>EPC-A50</b>     | 6mm (.2362")   | 21.5mm (.85")      | 68.7mm (2.71")   | 50mm (1.97")      | YES   | Tuning - Cars   |
| <b>EPC-A60</b>     | 6mm (.2362")   | 21.5mm (.85")      | 68.7mm (2.71")   | 60mm (2.36")      | YES   |   |
| <b>EPC-B40</b>     | 9.52mm (.375")   | 35mm (1.38")       | 75.7mm (2.98")   | 40mm (1.58")      | YES   | Industrial Engine Cylinder Heads  |
| <b>EPC-B50</b>     | 9.52mm (.375")   | 35mm (1.38")       | 75.7mm (2.98")   | 50mm (1.97")      | YES   |   |
| <b>EPC-B60</b>     | 9.52mm (.375")   | 35mm (1.38")       | 75.7mm (2.98")   | 60mm (2.36")      | YES   |   |
| <b>EPC-B70</b>     | 9.52mm (.375")   | 35mm (1.38")       | 75.7mm (2.98")   | 70mm (2.76")      | YES   |   |

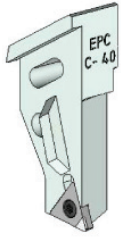
Note:

- It is recommended to select an "S" series tip holder to machine valve seats ranging in diameter from 17mm to 22mm (.67" to .87").
- For diameters greater than 22mm (.87"), use an "A" series tip holder, the cutters are more affordable and stronger. Likewise, it is advised **not to use** an "SS" series tip holder to machine diameters greater than 18mm (.71").
- From 18mm (.71") on, it is recommended to use an "S" series tip holder, less restricted in terms of depth of cut and feed rate.

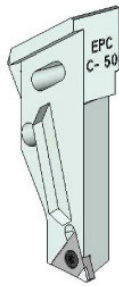
**FIXED-TURNING®**

*the new standard  
in valve seat machining™*

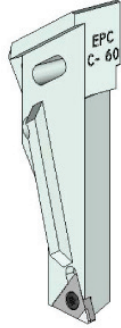
**EPC-C40**



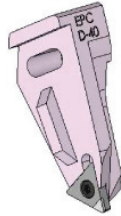
**EPC-C50**



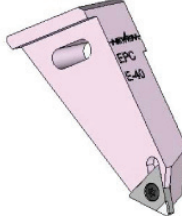
**EPC-C60**



**EPC-D40**



**EPC-E40**



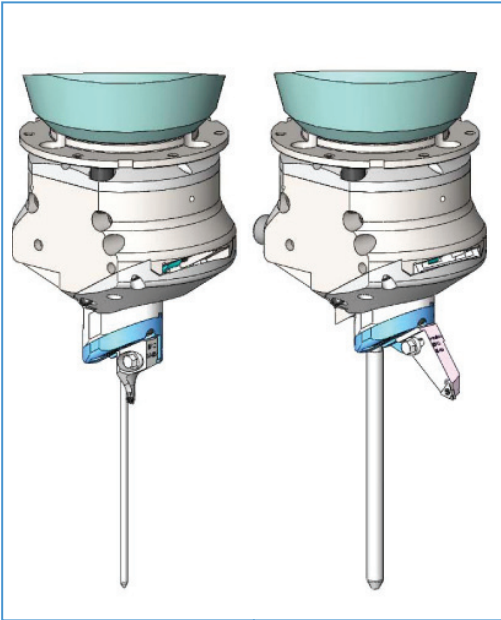
Single Point Cutters need to seat properly within tip-holder. Please check your tip-holders on a regular basis and replace them as needed to maintain optimum machining quality.

| NEWEN<br>REFERENCE | PILOT DIAMETER<br>(Reference for Tip-Holder<br>Machining Capacity) | MACHINING CAPACITY |                  | TIP-HOLDER<br>OAL | STOCK | GENERAL APPLICATIONS                   |
|--------------------|--|--------------------|------------------|-------------------|-------|--|
|                    |  | Minimum Diameter   | Maximum Diameter |                   |       |  |
| <b>EPC-C40</b>     | 9.52mm (.375")   | 49.6mm (1.95")     | 91.7mm (3.61")   | 40mm (1.58")      | YES   | Industrial Engine & Car Cylinder Heads |
| <b>EPC-C50</b>     | 9.52mm (.375")   | 49.6mm (1.95")     | 91.7mm (3.61")   | 50mm (1.97")      | YES   |  |
| <b>EPC-C60</b>     | 9.52mm (.375")   | 49.6mm (1.95")     | 91.7mm (3.61")   | 60mm (2.36")      | YES   |  |
| <b>EPC-D40</b>     | 9.52mm (.375")   | 60.3mm (2.37")     | 104.7mm (4.12")  | 40mm (1.58")      | YES   | Industrial Engine Cylinder Heads       |
| <b>EPC-E40</b>     | 9.52mm (.375")   | 95.3mm (3.75")     | 125.4mm (4.94")  | 40mm (1.58")      | YES   |  |

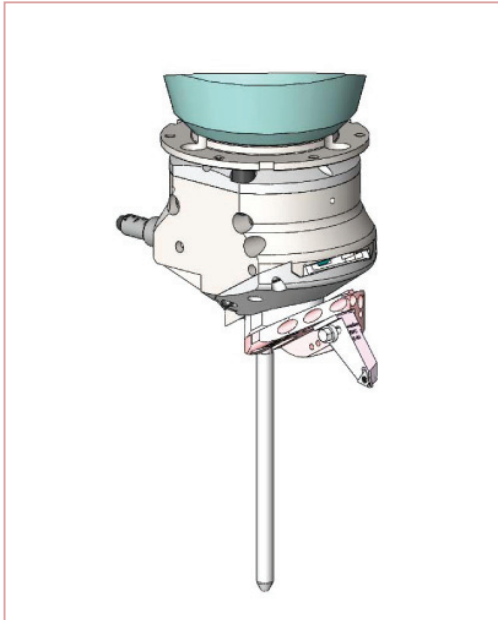
Note:

- It is recommended to select an "S" series tip holder to machine valve seats ranging in diameter from 17mm to 22mm (.67" to .87").
- For diameters greater than 22mm (.87"), use an "A" series tip holder, the cutters are more affordable and stronger. Likewise, it is advised **not to use** an "SS" series tip holder to machine diameters greater than 18mm (.71").
- From 18mm (.71") on, it is recommended to use an "S" series tip holder, less restricted in terms of depth of cut and feed rate.

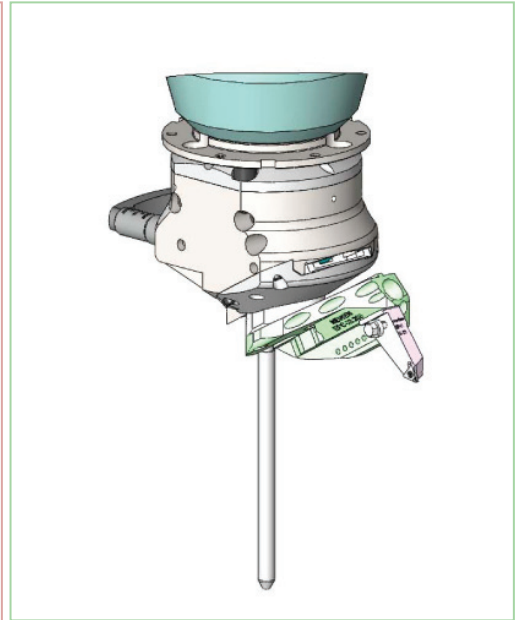
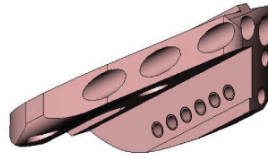
**FIXED-TURNING®**  
*the new standard  
in valve seat machining™*



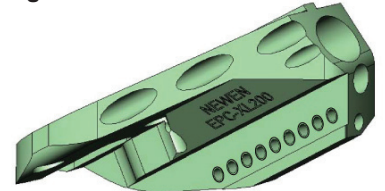
■ EPC-XL90  
Carriage Extension



■ EPC-XL135  
Carriage Extension



■ EPC-XL200  
Carriage Extension

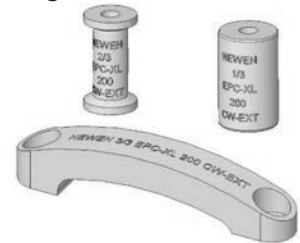


N/A

■ EPC-XL135CW-EXT  
Counterweight Extension Kit



■ EPC-XL200CW-EXT  
Counterweight Extension Kit



**FIXED-TURNING<sup>®</sup>**

*the new standard  
in valve seat machining<sup>™</sup>*

| NEWEN<br>REFERENCE | PILOT DIAMETER<br>(Reference for Tip-Holder<br>Machining Capacity) | MACHINING CAPACITY |                  |                  |                  | TIP-HOLDER<br>OAL | STOCK |
|--------------------|--|--------------------|------------------|------------------|------------------|-------------------|-------|
|                    |  | EPC-XL90           |                  | EPC-XL135        | EPC-XL200        |                   |       |
|                    |  | Minimum Diameter   | Maximum Diameter | Maximum Diameter | Maximum Diameter |                   |       |
| EPC-SS25           | 4mm (.1575")   | 13.4mm (.53")      | 60.2mm (2.37")   | N/A              | N/A              | 25mm (.984")      | YES   |
| EPC-SS35           | 4mm (.1575")   | 13.4mm (.53")      | 60.2mm (2.37")   |                  |                  | 35mm (1.38")      | YES   |
| EPC-SS45           | 4mm (.1575")   | 13.4mm (.53")      | 60.2mm (2.37")   |                  |                  | 45mm (1.77")      | YES   |
| EPC-S40            | 5mm (.1968")   | 17.1mm (.67")      | 62.2mm (2.45")   | N/A              | N/A              | 40mm (1.58")      | YES   |
| EPC-S50            | 5mm (.1968")   | 17.1mm (.67")      | 62.2mm (2.45")   |                  |                  | 50mm (1.97")      | YES   |
| EPC-S60            | 5mm (.1968")   | 17.1mm (.67")      | 62.2mm (2.45")   |                  |                  | 60mm (2.36")      | YES   |
| EPC-S70            | 5mm (.1968")   | 17.1mm (.67")      | 62.2mm (2.45")   |                  |                  | 70mm (2.76")      | YES   |
| EPC-A40            | 6mm (.2362")   | 21.5mm (.85")      | 68.6mm (2.70")   | N/A              | N/A              | 40mm (1.58")      | YES   |
| EPC-A50            | 6mm (.2362")   | 21.5mm (.85")      | 68.6mm (2.70")   |                  |                  | 50mm (1.97")      | YES   |
| EPC-A60            | 6mm (.2362")   | 21.5mm (.85")      | 68.6mm (2.70")   |                  |                  | 60mm (2.36")      | YES   |
| EPC-B40            | 9.52mm (.375")   | 35mm (1.38")       | 75.6mm (2.98")   | 119.2mm (4.69")  | 190.4mm (7.50")  | 40mm (1.58")      | YES   |
| EPC-B50            | 9.52mm (.375")   | 35mm (1.38")       | 75.6mm (2.98")   | 119.2mm (4.69")  | 190.4mm (7.50")  | 50mm (1.97")      | YES   |
| EPC-B60            | 9.52mm (.375")   | 35mm (1.38")       | 75.6mm (2.98")   | 119.2mm (4.69")  | 190.4mm (7.50")  | 60mm (2.36")      | YES   |
| EPC-B70            | 9.52mm (.375")   | 35mm (1.38")       | 75.6mm (2.98")   | 119.2mm (4.69")  | 190.4mm (7.50")  | 70mm (2.76")      | YES   |
| EPC-C40            | 9.52mm (.375")   | 49.6mm (1.95")     | 91.6mm (3.61")   | 135.2mm (5.32")  | 206.4mm (8.13")  | 40mm (1.58")      | YES   |
| EPC-C50            | 9.52mm (.375")   | 49.6mm (1.95")     | 91.6mm (3.61")   | 135.2mm (5.32")  | 206.4mm (8.13")  | 50mm (1.97")      | YES   |
| EPC-C60            | 9.52mm (.375")   | 49.6mm (1.95")     | 91.6mm (3.61")   | 135.2mm (5.32")  | 206.4mm (8.13")  | 60mm (2.36")      | YES   |
| EPC-D40            | 9.52mm (.375")   | 60.3mm (2.37")     | 104.6mm (4.12")  | 148.2mm (5.84")  | 219.4mm (8.64")  | 40mm (1.58")      | YES   |
| EPC-E40            | 9.52mm (.375")   | 95.3mm (3.75")     | 125.3mm (4.93")  | 168.9mm (6.65")  | 240.1mm (9.45")  | 40mm (1.58")      | YES   |

**Note:**

- It is recommended to select an "S" series tip holder to machine valve seats ranging in diameter from 17mm to 22mm (.67" to .87").
- For diameters greater than 22mm (.87"), use an "A" series tip holder, the cutters are more affordable and stronger. Likewise, it is advised **not to use** an "SS" series tip holder to machine diameters greater than 18mm (.71").
- From 18mm (.71") on, it is recommended to use an "S" series tip holder, less restricted in terms of depth of cut and feed rate.