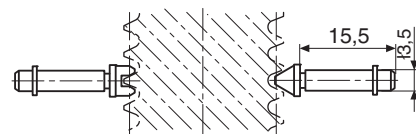


Interchangeable Anvils for 852, 852 TS and 853

For pitch, root and outside diameters. Special wear-resistant hardened steel. With cylindrical mounting shank and retainer ring which ensures locking while permitting rotation in bore of indicating snap gages.



Sets consist of:

For pitch diameters

852 - 1 V-anvil and 1 blade
 853 - 1 V-anvil and 2 radiused blades

For root diameters

852 - 1 V-anvil and 1 blade
 853 - 1 V-anvil and 2 blades

For outside diameters

852 - 2 flat-face anvils
 853 - 3 flat-face anvils

Anvils for pitch diameters for 852 and 852 TS

| Metric thread (60°) | | | Whitworth thread (55°) | | | American UST thread (60°) | | |
|---------------------|-----------|-----------|------------------------|-----------|-----------|---------------------------|-----------|-----------|
| Pitch | V-anvil | Blade | Pitch range | V-anvil | Blade | Pitch range | V-anvil | Blade |
| mm | Order no. | Order no. | tpi | Order no. | Order no. | tpi | Order no. | Order no. |
| 0.2* | 4173007 | 4173707 | 40 - 32 | 4173043 | 4173743 | 60 - 48 | 4173113 | 4173813 |
| 0.25* | 4173008 | 4173708 | 32 - 24 | 4173044 | 4173744 | 48 - 40 | 4173114 | 4173814 |
| 0.3* | 4173009 | 4173709 | 24 - 18 | 4173045 | 4173745 | 40 - 32 | 4173115 | 4173815 |
| 0.35* | 4173010 | 4173710 | 18 - 14 | 4173046 | 4173746 | 32 - 24 | 4173116 | 4173816 |
| 0.4* | 4173011 | 4173711 | 14 - 10 | 4173047 | 4173747 | 24 - 18 | 4173117 | 4173817 |
| 0.45* | 4173012 | 4173712 | 10 - 7 | 4173048 | 4173748 | 18 - 14 | 4173118 | 4173818 |
| 0.5 - 0.7 | 4173000 | 4173700 | 7 - 4.5 | 4173049 | 4173749 | 14 - 10 | 4173119 | 4173819 |
| 0.7 - 1 | 4173001 | 4173701 | 4.5 - 3 | 4173050 | 4173750 | 10 - 7 | 4173120 | 4173820 |
| 1.25 - 2 | 4173002 | 4173702 | 3 - 2.5 | 4179408 | 4179410 | 7 - 4.5 | 4173121 | 4173821 |
| 2 - 3.5 | 4173003 | 4173703 | | | | 4.5 - 3 | 4173122 | 4173822 |
| 3.5 - 5 | 4173004 | 4173704 | | | | | | |
| 5 - 7 | 4173005 | 4173705 | | | | | | |
| 7 - 9 | 4173006 | 4173706 | | | | | | |

Anvils for pitch diameters for Indicating Thread Snap Gage 853

| Metric thread (60°) | | | Whitworth thread (55°) | | | American UST thread (60°) | | |
|---------------------|-----------|-----------|------------------------|-----------|-----------|---------------------------|-----------|-----------|
| Pitch | V-anvil | Blade | Pitch range | V-anvil | Blade | Pitch range | V-anvil | Blade |
| mm | Order no. | Order no. | tpi | Order no. | Order no. | tpi | Order no. | Order no. |
| 0.2 | 4173051 | 4174007 | 40 - 32 | 4173043 | 4176043 | 60 - 48 | 4173124 | 4176113 |
| 0.25 | 4173052 | 4174008 | 32 - 24 | 4173044 | 4176044 | 48 - 40 | 4173125 | 4176114 |
| 0.3 | 4173053 | 4174009 | 24 - 18 | 4173045 | 4176045 | 40 - 32 | 4173115 | 4176115 |
| 0.35 | 4173054 | 4174010 | 18 - 14 | 4173046 | 4176046 | 32 - 24 | 4173116 | 4176116 |
| 0.4 | 4173055 | 4174011 | 14 - 10 | 4173047 | 4176047 | 24 - 18 | 4173117 | 4176117 |
| 0.45 | 4173056 | 4174012 | 10 - 7 | 4173048 | 4176048 | 18 - 14 | 4173118 | 4176118 |
| 0.5 - 0.7 | 4173000 | 4174000 | 7 - 4.5 | 4173049 | 4176049 | 14 - 10 | 4173119 | 4176119 |
| 0.7 - 1 | 4173001 | 4174001 | 4.5 - 3 | 4173050 | 4176050 | 10 - 7 | 4173120 | 4176120 |
| 1.25 - 2 | 4173002 | 4174002 | 3 - 2.5 | 4179408 | 4179411 | 7 - 4.5 | 4173121 | 4176121 |
| 2 - 3.5 | 4173003 | 4174003 | | | | 4.5 - 3 | 4173122 | 4176122 |
| 3.5 - 5 | 4173004 | 4174004 | | | | | | |
| 5 - 7 | 4173005 | 4174005 | | | | | | |
| 7 - 9 | 4173006 | 4174006 | | | | | | |

Carbide anvils for 852, 852TS and 853

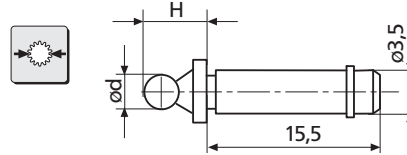
| | | |
|----------|---------|---------|
| 1.25 - 2 | 4511105 | 4511104 |
| 2 - 3.5 | 4511108 | 4511107 |
| 3.5 - 5 | 4511140 | 4511139 |
| 5 - 7 | 4511142 | 4511141 |

* V-anvil covers 3 pitches

Interchangeable Anvils for 852 and 852 TS

Ball Anvils

For measuring gears and for special applications. Carbide ball. With cylindrical mounting shank and retainer ring.
For mounting into mounting bores of thread micrometers 40 Z and 852.



Shank dia. 3.5 mm
Shank length 15.5 mm
Manufacturing tolerance
Ball dia. $\pm 2 \mu\text{m}$

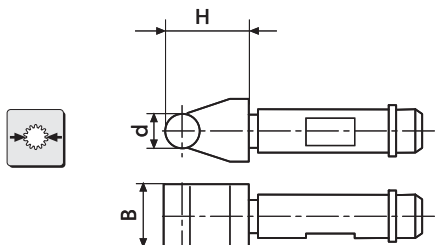
| dia. d mm | H mm | Order no. | dia. d mm | H mm | Order no. | dia. d mm | H mm | Order no. |
|--------------|---------|----------------|--------------|---------|----------------|--------------|---------|----------------|
| 0.5 | 5.0 | 4179150 | 1.65 | 6.2 | 4179168 | 3.048 | 7.5 | 4179182 |
| 0.551 | 5.1 | 4179151 | 1.7 | 6.2 | 4179169 | 3.2 | 7.7 | 4170570 |
| 0.62 | 5.1 | 4179152 | 1.75 | 6.3 | 4170553 | 3.25 | 7.8 | 4170566 |
| 0.623 | 5.1 | 4179153 | 1.782 | 6.3 | 4179170 | 3.4 | 7.9 | 4179183 |
| 0.63 | 5.1 | 4179154 | 1.8 | 6.3 | 4179171 | 3.5 | 8.0 | 4170558 |
| 0.722 | 5.2 | 4179155 | 1.829 | 6.3 | 4179172 | 3.658 | 8.2 | 4179184 |
| 0.862 | 5.4 | 4179156 | 1.9 | 6.4 | 4179173 | 3.7 | 8.2 | 4170571 |
| 0.895 | 5.4 | 4179157 | 2 | 6.5 | 4170554 | 4 | 8.5 | 4170559 |
| 0.965 | 5.5 | 4179158 | 2.032 | 6.5 | 4170568 | 4.5 | 9.0 | 4170560 |
| 1 | 5.5 | 4170550 | 2.2 | 6.7 | 4170569 | 4.835 | 9.3 | 4179185 |
| 1.1 | 5.6 | 4179159 | 2.25 | 6.8 | 4170564 | 5 | 9.5 | 4170561 |
| 1.118 | 5.6 | 4179160 | 2.284 | 6.8 | 4179174 | 5.25 | 9.8 | 4179186 |
| 1.125 | 5.6 | 4179161 | 2.386 | 6.9 | 4179175 | 5.486 | 10.0 | 4179187 |
| 1.25 | 5.8 | 4170551 | 2.438 | 6.9 | 4179176 | 5.5 | 10.0 | 4170562 |
| 1.35 | 5.9 | 4179162 | 2.5 | 7.0 | 4170556 | 6 | 10.5 | 4170563 |
| 1.372 | 5.9 | 4179163 | 2.667 | 7.2 | 4179177 | 6.096 | 10.6 | 4179188 |
| 1.385 | 5.9 | 4179164 | 2.704 | 7.2 | 4179178 | 6.35 | 10.9 | 4179189 |
| 1.5 | 6.0 | 4170552 | 2.713 | 7.2 | 4179179 | 6.5 | 11.0 | 4170567 |
| 1.524 | 6.0 | 4179165 | 2.721 | 7.2 | 4179180 | 7 | 11.5 | 4170572 |
| 1.54 | 6.0 | 4179166 | 2.743 | 7.2 | 4179181 | 8 | 12.5 | 4170573 |
| 1.6 | 6.1 | 4179167 | 2.75 | 7.3 | 4170565 | 9 | 13.5 | 4170574 |
| | | | 3 | 7.5 | 4170557 | 10 | 14.5 | 4170575 |

Further sizes are available upon request (material: steel)

Roller Blades

For measuring gears and for special applications. The measuring roller is made of carbide.
To be mounted in the mounting bores of the 40 Z and 852.

Shank dia. 3.5 mm
Shank length 15.5 mm
Manufacturing tolerance
Ball dia. $\pm 2 \mu\text{m}$



| dia. d mm | Dimension H mm | Dimension B dia. mm | Order no. |
|--------------|-------------------|------------------------|----------------|
| 1 | 5.5 | 5 | 4510200 |
| 1.25 | 5.8 | 5 | 4510201 |
| 1.5 | 6.0 | 5 | 4510202 |
| 1.75 | 6.3 | 5 | 4510203 |
| 2 | 6.5 | 5.5 | 4510204 |
| 2.5 | 7.0 | 5.5 | 4510206 |
| 3 | 7.5 | 5.5 | 4510207 |
| 3.5 | 8.0 | 5.5 | 4510208 |
| 4 | 8.5 | 5.5 | 4510209 |
| 4.5 | 9.0 | 5.5 | 4510210 |
| 5 | 9.5 | 6 | 4510211 |
| 5.5 | 10.0 | 6 | 4510212 |
| 6 | 10.5 | 6 | 4510213 |

Further sizes are available upon request (material: steel)