## DREMOMETER <br> PERMANENT PRECISION

## Torque wrench made of

high-strength aluminium alloy


## (i) Working principle

Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate allowing for operations to be traced The full-metal construction of the DREMOMETER makes it particularly unsusceptible to grime and rough handling on construction sites, in workshops and in industry. bi-directional tightening. Special utilisation areas for DREMOMETER with spigot end (Z) and rectangular cavity (SE) particularly for hard-to-access locations and where space is tight. Almost all DREMOMETER models have separate ratchet heads, and there are good reasons for that: It is possible to work with or without the ratchet head function as desired.

## 

$=\mathrm{L}$ 四-1T ${ }_{6-2000 \mathrm{~m} . \mathrm{m}}$
$Z$ (16) (2) (2) $8-1000 \mathrm{Nm}$




The quality lever chain produced in the company's own drop forge reduces the strain on the mechanics to a minimum. The proportioning of the individual levers, which are optimally attuned to each other, gives the DREMOMETER its unique precision and its long tool life.

(3) Position of the lever chain when the force impacts after the torque setting is achieved. Immediate position after the clear tactile impulse and audible signal "click". On relief, the lever chain moves back into the starting position (1).


## er/mill <br> $\Leftrightarrow=$

## DREMOMETER

## Operable without inaccuracies

Regardless of where you apply the force, at the center of the handgrip or another part of the DREMOMETER, with both hands or using an extension tube, your torque setting will always be attained, without shifts in value. Due to its unique single-axis location of the centre of rotation and the output square drive, the DREMOMETER is a tool that can be operated free from errors. In contrast to conventional torque wrenches, this single lever enables tightening without shifts in the measured value and without interference caused by activation outside of the handgrip.


However, value shifts are possible when activating the DREMOMETER with special wrenches or when using wrenches with different depth gauges.


Features

Setting of the torque value to $\mathrm{N} \cdot \mathrm{m}$ or alternatively to lbf.in / lbf.ft by the non-losable hexagon key in the handgrip. The smooth-running mechanism enables the setting to be made quickly without significant force needing to be applied.



All DREMOMETERS are also available with locking and safely device ( $A+S$ ).
Pre-set value locking and safety device ( $A+S$ ) eliminates the possibility of unintentional or manipulated adjustment, thereby representing more process reliability of the user

## DREMOMETER

## THE ORIGINAL

Lightweight and sturdy, very workshop-friendly
Maximum precision even when subjected to extreme
 continuous use.



All the benefits at
a single glance

## Square drive

> In the DREMOMETER, the output square drive and the pivot point of the primary lever are situated on a single axis.
> Advantage: The absolute accuracy always remains unchanged in every case. Even if the tool is operated outside of the handgrip or with an extension tube.
> This ensures a high degree of user safety; can be extended to reduce the user's working load.

## Lever chain

> The integrated lever chain reduces the strain on the measuring mechanics to a minimum which means that the measuring mechanics can thus be constructed with much greater sensitivity.
> Advantage: High accuracy and a long life cycle.
> Extremely low wear

## Double square drive

> DREMOMETER models (except model F) having a double square drive are available on request. Apart from that, separate ratchet heads are available for almost all models (except model F).
> Advantage: Controlled counter-clockwise tightening and work in very narrow spaces are possible without any problems.

## Scale

> Two scales on each DREMOMETER indicate N.m and the common US unit of torque measurement (apart from types E-F).
) Advantage: Exact reading even for lbf.in or lbfft.
> Easy operation - fast and safe torque tightening

## Handgrip

> The nice-to-hold handgrip enables safe work and less operator fatigue. The full-metal construction makes DREMOMETER models particularly robust.
> Advantage: A high level of dependability even following tough long term work.

Test certificate
> All DREMOMETER models include a test certificate according to DIN EN ISO 6789:2003.
> Advantage: Guaranteed accuracy $+/-3 \%$ of the adjusted scale value. The specification of the standard ( $+/-4 \%$ ) is exceeded.


## Torque Tools

## 8554 AM - 8559 AML <br> TORQUE WRENCH DREMOMETER

## 6-30 N•m / 50-270 lbf•in

## Use:

> Controlled screw tightening in the range $6-30 \mathrm{~N} \cdot \mathrm{~m} / 50-270 \mathrm{lbf}$.in
> For use in almost all industrial manufacturing areas

## Features:

> Classified to DIN EN IS0 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard (+/-4\%) is exceeded.
> 1/4" square drive with ball locking device DIN 3120 - A 6.3 ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
> Dual scale with a scale graduation of $1 \mathrm{~N} \cdot \mathrm{~m}$ and 10 lbf .in

## Technical advantage/Function:

> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
> Extremely low wear attributable to reduced forces in a unique lever mechanism
> Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single- and double-square drive for controlled bi-directional tightening


8554-03


| Type | $\square$ |  | Contents | N.m | lbf.in | Iw | a | b | C | لمسلسا | $5{ }_{-6 \mathrm{~kg}}^{1}$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\square$ AM | 1/4 | 6.3 | $\cdots$ in plastic box | 6-30 | 50-270 | 206 | 30 | 15 | 268 | $1 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{in}$ | 0.580 | 7775440 | 8554-01 |
| $\square$ AM | 1/4 | 6.3 | in plastic cassette | 6-30 | 50-270 | 206 | 30 | 15 | 268 | $1 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{in}$ | 0.910 | 7674090 | 8554-02 |
| $\sqsubseteq A M$ | 1/4 | 6.3 | 0 Set mm | 6-30 | 50-270 | 206 | 30 | 15 | 268 | $1 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{in}$ | 1.300 | 7674170 | 8554-03 |

O8 91011121314
$\oplus 3 \ominus 5.5 \bigcirc 4568$
T20 T27 T30
$9754-00 \backsim 55+97 \mathrm{~mm}$


O9/32 5/16 11/32 3/8 7/16 1/2 9/16
$\oplus 3 \ominus 5.5 \bigcirc 4568$
(t20 T27 T30
$9754-00 \leadsto 55+97 \mathrm{~mm}$

| EAML | 1/4 | 6.3 | $\cdots$ in plastic box | 6-30 | 50-270 | 206 | 30 | 15 | 268 | $1 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{in}$ | 0.580 | 7775870 | 8559-01 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EAML | 1/4 | 6.3 | in plastic cassette | 6-30 | 50-270 | 206 | 30 | 15 | 268 | $1 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{in}$ | 0.910 | 7673790 | 8559-02 |
| $\leftarrow$ AML | 1/4 | 6.3 | 0 Set mm | 6-30 | 50-270 | 206 | 30 | 15 | 268 | $1 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{in}$ | 1.300 | 7675060 | 8559-03 |

O89 1011121314
$\oplus 3 \ominus 5.5 \bigcirc 4568$
T20 T27 T30
9754-00 $\leadsto 55+97 \mathrm{~mm}$


9/32 5/16 11/32 3/8 7/16 1/2 9/16
$\oplus 3 \ominus 5.5 \bigcirc 4568$
(T20 T27 T30
9 $754-00 \leadsto 55+97 \mathrm{~mm}$

## 8560 A-8565 AL <br> TORQUE WRENCH DREMOMETER

## $8-40 \mathrm{~N} \cdot \mathrm{~m} / 70-350 \mathrm{lbf} \cdot \mathrm{in}$

Use:
> Controlled screw tightening in the range $8-40 \mathrm{~N} \cdot \mathrm{~m} / 70-350 \mathrm{lbf}$-in
> For use in almost all industrial manufacturing areas

## Features:

> Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard ( $+/-4 \%$ ) is exceeded.
> 3/8" square drive with ball locking device DIN 3120 - A 10, ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
> Dual scale with a scale graduation of $5 \mathrm{~N} \cdot \mathrm{~m}$ and $50 \mathrm{lbf} \cdot \mathrm{in}$

Technical advantage/Function:
> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
> Extremely low wear attributable to reduced forces in a unique lever mechanism
> Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single- and double-square drive for controlled bi-directional tightening


8560-03

| Type | $\square$ | $\square$ | Contents | $\mathrm{N} \cdot \mathrm{m}$ | lbf.in | Iw | a | b | c | لا | $5{ }_{\text {kg }}{ }^{\text {b }}$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\Gamma$ - | 3/8 | 10 | $\cdots$ in plastic box | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | $5 \mathrm{~N} \cdot \mathrm{~m} / 50 \mathrm{lbf} \cdot \mathrm{in}$ | 1.0 | 7682000 | 8560-01 |
| $\Gamma$ - | 3/8 | 10 | $\square$ in a sheet-metal case | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | $5 \mathrm{~N} \cdot \mathrm{~m} / 50 \mathrm{lbf} \cdot \mathrm{in}$ | 2.2 | 7682270 | 8560-02 |
| $\Gamma$ - | 3/8 | 10 | $\square 810111314151719$ O4568 O $754-01 \square 125+250 \mathrm{~mm}$ | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | $5 \mathrm{~N} \cdot \mathrm{~m} / 50 \mathrm{lbf} \cdot \mathrm{in}$ | 3.1 | 7682430 | 8560-03 |
| $\Gamma \mathrm{C}$ | 3/8 | 10 |  | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | $5 \mathrm{~N} \cdot \mathrm{~m} / 50 \mathrm{lbf} \cdot \mathrm{in}$ | 3.0 | 7683160 | 8560-04 |
| $\pm \mathrm{AL}$ | 3/8 | 10 | $\cdots$ in plastic box | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | $5 \mathrm{~N} \cdot \mathrm{~m} / 50 \mathrm{lbf} \cdot \mathrm{in}$ | 1.0 | 7682190 | 8565-01 |
| $\square \mathrm{AL}$ | 3/8 | 10 | $\cdots$ in a sheet-metal case | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | $5 \mathrm{~N} \cdot \mathrm{~m} / 50 \mathrm{lbf} \cdot \mathrm{in}$ | 2.2 | 7682350 | 8565-02 |
| $\pm A L$ | 3/8 | 10 | O 810111314151719 <br> 4568 $754-01 \leadsto 125+250 \mathrm{~mm}$ | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | $5 \mathrm{~N} \cdot \mathrm{~m} / 50 \mathrm{lbf}$-in | 3.1 | 7682940 | 8565-03 |
| $\Sigma \mathrm{AL}$ | 3/8 | 10 | Set INCH 3/8 7/16 1/2 9/16 19/32 5/8 11/16 <br> 1/4 5/16 3/8 $754-01 \leftrightharpoons 125+250 \mathrm{~mm}$ | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | $5 \mathrm{~N} \cdot \mathrm{~m} / 50 \mathrm{lbf} \cdot \mathrm{in}$ | 3.0 | 7683240 | 8565-04 |

## 8561 B-8566 BL <br> TORQUE WRENCH DREMOMETER

## 25-120 N•m / 18-90 lbf•ft

Use:
> Controlled screw tightening in the range $25-120 \mathrm{~N} \cdot \mathrm{~m} / 18-90 \mathrm{lbf} \cdot \mathrm{ft}$
> For use in almost all industrial manufacturing areas

## Features:

> Classified to DIN EN IS0 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard (+/-4\%) is exceeded.
> $1 / 2$ " square drive with ball locking device DIN $3120-$ A 12.5 , ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
> Dual scale with a scale graduation of $5 \mathrm{~N} \cdot \mathrm{~m}$ and $5 \mathrm{lbf} \cdot \mathrm{ft}$
> With push-button release

## Technical advantage/Function:

> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
> Extremely low wear attributable to reduced forces in a unique lever mechanism
> Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single- and double-square drive for controlled bi-directional tightening


8561-03


BR

| Type | $\square$ | $\square$ | Contents | N.m | lbf.ft | Iw | a | b | c | Tube | لا | $\sigma_{\text {kg }}{ }^{\text {d }}$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ¢ BR | 1/2 | 12.5 | $\Longrightarrow=$ in plastic box with ALU extension tube | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | 8577-350 | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} . \mathrm{ft}$ | 2.2 | 2926989 | 8561-001 |
| - ${ }^{\text {c }}$ | 1/2 | 12.5 | $\cdots$ in plastic box | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} . \mathrm{ft}$ | 1.5 | 7683320 | 8561-01 |
| - B | 1/2 | 12.5 | $\square$ in a sheet-metal case | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} . \mathrm{ft}$ | 2.8 | 7683830 | 8561-02 |
| ■ B | 1/2 | 12.5 |  | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 4.7 | 7684480 | 8561-03 |

O11 131417192224
O68 1012
9754-02 $\because 76+125+250 \mathrm{~mm}$

| - B | 1/2 | 12.5 | Set INCH <br> O 7/16 1/2 9/16 19/32 5/8 11/16 <br> 3/4 25/32 13/16 7/8 15/16 $1^{\prime \prime}$ <br> 5/16 3/8 1/2" <br> $9754-02 \backsim 76+125+250 \mathrm{~mm}$ | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 5.3 | 7684990 | 8561-04 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\pm B L$ | 1/2 | 12.5 | $\square$ in plastic box | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} . \mathrm{ft}$ | 1.5 | 7683400 | 8566-01 |
| $\pm B L$ | 1/2 | 12.5 | $\square$ in a sheet-metal case | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} . \mathrm{ft}$ | 2.8 | 7684130 | 8566-02 |
| $\square B L$ | 1/2 | 12.5 | - ${ }^{\circ}$ Set mm | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} . \mathrm{ft}$ | 4.7 | 7684640 | 8566-03 |

O11 131417192224
O 681012
$9754-02 \leadsto 76+125+250 \mathrm{~mm}$


O7/16 1/2 9/16 19/32 5/8 11/16
3/4 25/32 13/16 7/8 15/16 1"
( $5 / 16$ 3/8 1/2"
9 $754-02 \backsim 76+125+250 \mathrm{~mm}$

## 8573 BC - 8578 BCL TORQUE WRENCH DREMOMETER

## $40-200 \mathrm{~N} \cdot \mathrm{~m} / 30-150 \mathrm{lbf} \cdot f \mathrm{ft}$

Use:
> Controlled screw tightening in the range $40-200 \mathrm{~N} \cdot \mathrm{~m} / 30-150 \mathrm{lbf} \cdot \mathrm{ft}$
> For use in almost all industrial manufacturing areas

## Features:

> Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard (+/-4\%) is exceeded.
> $1 / 2$ " square drive with ball locking device DIN 3120 - A 12.5, ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
>Dual scale with a scale graduation of $5 \mathrm{~N} \cdot \mathrm{~m}$ and $5 \mathrm{lbf} \cdot \mathrm{ft}$
> With push-button release

Technical advantage/Function:
> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
> Extremely low wear attributable to reduced forces in a unique lever mechanism
> Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single- and double-square drive for controlled bi-directional tightening


| Type |  |  | Contents | N.m | lbfft | Iw | a | b | c | لسالسا | $\stackrel{1}{*} \times$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - BC | 1/2 | 12.5 | $\cdots$ in plastic box | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 1.4 | 7685530 | 8573-00 |
| - BC | 1/2 | 12.5 | $\square$ in a sheet-metal case | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 3.5 | 7683590 | 8573-02 |
| $\square \mathrm{BC}$ | 1/2 | 12.5 | Sect Set | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 5.1 | 7683910 | 8573-03 |

O111314171921222427
O 681012
$9754-02 \leadsto 125+250 \mathrm{~mm}$


O11 1314171921222427
O 681012
$9754-02 \leadsto 125+250 \mathrm{~mm}$

| $\pm B C L$ | 1/2 | 12.5 | Set INCH | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 4.9 | 7684210 | 8578-04 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | O 1/2 9/16 5/8 11/16 3/4 13/16 7/8" |  |  |  |  |  |  |  |  |  |  |
|  |  |  | ( 5/16 3/8 1/2 9/16" |  |  |  |  |  |  |  |  |  |  |

9 $754-02 \backsim 125+250 \mathrm{~mm}$

## 8562C-8567CL <br> TORQUE WRENCH DREMOMETER

## 60-300 N•m / 45-220 lbf•ft

Use:
Controlled screw tightening in the range 60-300 N.m / 45-220 lbffft
> For use in almost all industrial manufacturing areas

## Features:

Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard (+/-4\%) is exceeded.
> 1/2" square drive with ball locking device DIN 3120 - A 12.5, ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
> Dual scale with a scale graduation of $5 \mathrm{~N} \cdot \mathrm{~m}$ and $5 \mathrm{lbf} \cdot \mathrm{ft}$
> With push-button release

## Technical advantage/Function:

> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
> Extremely low wear attributable to reduced forces in a unique lever mechanism
> Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single- and double-square drive for controlled bi-directional tightening



CR


| Type | $\square$ | $\square$ | Contents | N.m | lbf.ft | Iw | a | b | c | Tube | السلس1 | $5{ }_{\text {kg }}{ }^{\text {c }}$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 厂CR | 1/2 | 12.5 |  <br> in plastic box with ALU extension tube | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | 8577-700 | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} . \mathrm{ft}$ | 2.7 | 2926997 | 8562-001 |
| $\square \mathrm{C}$ | 1/2 | 12.5 | $\cdots$ in plastic box | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 2.0 | 7685450 | 8562-10 |
| $\square$ | 1/2 | 12.5 | $\cdots$ in a sheet-metal case | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 3.6 | 7686340 | 8562-20 |
| -C | 1/2 | 12.5 | Set mm | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 6.0 | 7687070 | 8562-30 |

O17 192224273032

- 8101214

备754-02 $\leadsto 76+125+250 \mathrm{~mm}$


O 3/4 25/32 13/16 7/8 15/16 1"
1.1/16 1.1/8 1.1/4"
( $3 / 8$ 1/2 9/16 5/8"
9754-02 $\square 76+125+250 \mathrm{~mm}$

| -CL | 1/2 | 12.5 | $\square$ in plastic box | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 2.0 | 7685960 | 8567-10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| -CL | 1/2 | 12.5 | $\square$ in a sheet-metal case | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 3.6 | 7686690 | 8567-20 |
| $\pm$ CL | 1/2 | 12.5 | 17192224273032 <br> 8101214 <br> 754-02 $\qquad$ $76+125+250 \mathrm{~mm}$ | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 6.0 | 7687310 | 8567-30 |
| $\pm$ CL | 1/2 | 12.5 | Set INCH <br> 3/4 25/32 13/16 7/8 15/16 1" <br> 1.1/16 1.1/8 1.1/4" <br> 3/8 1/2 9/16 5/8" <br> $754-02 \leftrightharpoons 76+125+250 \mathrm{~mm}$ | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 6.2 | 7688120 | 8567-40 |

## 8570 CD - 8575 CDL <br> TORQUE WRENCH DREMOMETER

## 80-360 N.m / 60-260 lbffft

Use:
> Controlled screw tightening in the range $80-360 \mathrm{~N} \cdot \mathrm{~m} / 60-260 \mathrm{lbf} \cdot \mathrm{ft}$
> For use in almost all industrial manufacturing areas

## Features:

> Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard ( $+/-4 \%$ ) is exceeded.
> 3/4" square drive with pin-locking mechanism as per DIN $3120-\mathrm{B} 20$, ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
> Dual scale with a scale graduation of $5 \mathrm{~N} \cdot \mathrm{~m}$ and $5 \mathrm{lbf} \cdot \mathrm{ft}$

Technical advantage/Function:
> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
> Extremely low wear attributable to reduced forces in a unique lever mechanism
> Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single- and double-square drive for controlled bi-directional tightening



CDR


| Type | $\square$ | $\square$ | Contents | N.m | $\mathrm{lbf} \cdot \mathrm{ft}$ | Iw | a | b | c | Tube | لسالسا | $\sigma_{\text {kg }}+$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\square C D R$ | 3/4 | 20 | $\square$ in plastic box with ALU extension tube | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | 8577-700 | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 3.1 | 2927004 | 8570-001 |
| -CD | 3/4 | 20 | $\Longrightarrow$ in plastic box | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 2.4 | 7688470 | 8570-10 |
| $\square C D$ | 3/4 | 20 | $\square$ in a sheet-metal case | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 6.2 | 7689280 | 8570-20 |
| ־CD | 3/4 | 20 | Set mm <br> O 192224273032 <br> 3 $754-04 \leftrightharpoons 200+400 \mathrm{~mm}$ | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 11.0 | 7689950 | 8570-30 |
| \%CD | 3/4 | 20 | Set INCH | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 11.3 | 7690530 | 8570-40 |

O7/8 15/16 1" 1.1/8 1.1/4 1.3/8
1.1/2 1.5/8"

豕 754-04 $\square 200+400 \mathrm{~mm}$

| $\pm C D L$ | 3/4 | 20 | $\cdots$ in plastic box | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 2.4 | 7688710 | 8575-10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\pm C D L$ | 3/4 | 20 | $\square$ in a sheet-metal case | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 6.2 | 7689520 | 8575-20 |
| $\pm C D L$ | 3/4 | 20 | Set mm | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | $5 \mathrm{~N} \cdot \mathrm{~m} / 5 \mathrm{lbf} \cdot \mathrm{ft}$ | 11.0 | 7690290 | 8575-30 |

O1922 24273032
$9754-04 \leadsto 200+400 \mathrm{~mm}$

1.1/2 1.5/8"

9754-04 $\because 200+400 \mathrm{~mm}$

## 8574 DS - 8579 DSL TORQUE WRENCH DREMOMETER

## 110-550 N•m / 80-400 lbffft

## Use:

> Controlled screw tightening in the range $110-550 \mathrm{~N} \cdot \mathrm{~m} / 80-400 \mathrm{lbf} \cdot \mathrm{ft}$
> For use in almost all industrial manufacturing areas

## Features:

> Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard (+/-4\%) is exceeded.
> 3/4" square drive with pin-locking mechanism DIN $3120-B 20$, ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
> Dual scale with a scale graduation of $10 \mathrm{~N} \cdot \mathrm{~m}$ and $10 \mathrm{lbf} \cdot \mathrm{ft}$

## Technical advantage/Function:

> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
> Extremely low wear attributable to reduced forces in a unique lever mechanism
> Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single- and double-square drive for controlled bi-directional tightening


| Type | $\square{ }^{1}$ |  | Contents | N.m | lbfft | Iw | a | b | C | لسسلسا | $\widehat{*}$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ■DS | 3/4 | 20 | -min plastic box | 110-550 | 80-400 | 719 | 35 | 22.5 | 812 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 2.9 | 1427156 | 8574-10 |
| - DS | 3/4 | 20 | $\square$ in a sheet-metal case | 110-550 | 80-400 | 719 | 35 | 22.5 | 812 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 6.7 | 1436112 | 8574-20 |
| -DSL | 3/4 | 20 | $\square$ in plastic box | 110-550 | 80-400 | 719 | 35 | 22.5 | 812 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 2.9 | 1427121 | 8579-10 |
| -DSL | 3/4 | 20 | $\square$ in a sheet-metal case | 110-550 | 80-400 | 719 | 35 | 22.5 | 812 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 6.7 | 1436120 | 8579-20 |


754


## 8563 D－8568 DL <br> TORQUE WRENCH DREMOMETER

## $155-760 \mathrm{~N} \cdot \mathrm{~m} / 115-560 \mathrm{lbf} \cdot f \mathrm{ft}$

## Use：

＞Controlled screw tightening in the range 155－760 N．m／115－560 lbf．ft
＞For use in almost all industrial manufacturing areas

## Features：

＞Classified to DIN EN ISO 6789：2003 Type II Class A，with a factory certificate．Working accuracy： $+/-3 \%$ tolerance of scale set torque．The specification of the standard（＋／－4\％）is exceeded．
＞3／4＂square drive with pin－locking mechanism DIN $3120-$ B 20，ISO 1174
＞Automatic short－path actuation with tactile impulse and audible signal
＞Dual scale with a scale graduation of $10 \mathrm{~N} \cdot \mathrm{~m}$ and $10 \mathrm{lbf} \cdot \mathrm{ft}$

## Technical advantage／Function：

＞Lightweight and robust（as housing is made of an aluminium alloy），very workshop－friendly
＞No inaccuracies whether used with both hands or held away from the handle （as for standard torque wrenches）．Both the square drive and fulcrum are on an axis which ensures a high degree of user safety；can be extended to reduce the user＇s working load．
＞Extremely low wear attributable to reduced forces in a unique lever mechanism
＞Forged lever chain from our own quality forge
＞Maximum precision even when subjected to extreme continuous use
＞Long life cycles and tool lives
© Easy operation－fast and safe torque tightening
＞Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
＞Single－and double－square drive for controlled bi－directional tightening


8563－30


| Type | － |  | Contents | N．m | lbfft | Iw | a | b | C | لمسلسا | $\bigcirc{ }_{\text {kg }}+$ | Code | No． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ए－D | 3／4 | 20 | $\square$ in plastic box | 155－760 | 115－560 | 719 | 35 | 22.5 | 812 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 3.2 | 7691500 | 8563－10 |
| 工－D | 3／4 | 20 | in a sheet－metal case | 155－760 | 115－560 | 719 | 35 | 22.5 | 812 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 7.7 | 7692070 | 8563－20 |
| ■－D | 3／4 | 20 |  | 155－760 | 115－560 | 719 | 35 | 22.5 | 812 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 13.6 | 7692660 | 8563－30 |

O22 24273032364146
9754－04 $\square 200+400 \mathrm{~mm}$


O＂1．1／8 1．1／4 1．5／16 1．3／8 1．7／16
1．1／2 1．5／8 1．3／4 1．13／16 1．7／8 2＂
9754－04 $\because 200+400 \mathrm{~mm}$

| EDL | 3／4 | 20 | $\square$ in plastic box | 155－760 | 115－560 | 719 | 35 | 22.5 | 812 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 3.2 | 7691850 | 8568－10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| －DL | 3／4 | 20 | $\square$ in a sheet－metal case | 155－760 | 115－560 | 719 | 35 | 22.5 | 812 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 7.7 | 7692310 | 8568－20 |
| $\cdots$ DL | 3／4 | 20 | Set mm | 155－760 | 115－560 | 719 | 35 | 22.5 | 812 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 13.6 | 7692900 | 8568－30 |

O22 24273032364146
$9754-04 \backsim 200+400 \mathrm{~mm}$


O1＂1．1／8 1．1／4 1．5／16 1．3／8 1．7／16
1．1／2 1．5／8 1．3／4 1．13／16 1．7／8 2＂
9754－04 $\because 200+400 \mathrm{~mm}$

## 8563 DR-8568 DRL TORQUE WRENCH DREMOMETER

## 155-760 N•m / 115-560 lbffft

## Use:

>Controlled screw tightening in the range $155-760 \mathrm{~N} \cdot \mathrm{~m} / 115-560 \mathrm{lbf}$.ft
> For use in almost all industrial manufacturing areas

## Features:

> Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard (+/-4\%) is exceeded. > 3/4" square drive with pin-locking mechanism DIN $3120-B 20$, ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
> Dual scale with a scale graduation of $10 \mathrm{~N} \cdot \mathrm{~m}$ and $10 \mathrm{lbf} \cdot \mathrm{ft}$

## Technical advantage/Function:

> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
> Extremely low wear attributable to reduced forces in a unique lever mechanism
> Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single- and double-square drive for controlled bi-directional tightening


E


## 8571 DX - 8576 DXL TORQUE WRENCH DREMOMETER

520-1000 N•m / 380-730 lbf•ft

Use:
> Controlled screw tightening in the range 520-1000 $\mathrm{N} \cdot \mathrm{m} / 380-730 \mathrm{lbf} \cdot \mathrm{ft}$
> For use in almost all industrial manufacturing areas

## Features:

> Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard (+/-4\%) is exceeded.
> $3 / 4$ " square drive with pin-locking mechanism DIN $3120-$ B 20 , ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
>Dual scale with a scale graduation of $10 \mathrm{~N} \cdot \mathrm{~m}$ and $10 \mathrm{lbf} \cdot \mathrm{ft}$

## Technical advantage/Function:

> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
> Extremely low wear attributable to reduced forces in a unique lever mechanism
> Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single- and double-square drive for controlled bi-directional tightening


DX


| Type | - | $\square$ | Contents | N.m | lbf.ft | Iw | a | b | c | d | e | Tube | لاسلس1 | $\stackrel{\text { - }}{\text { kg }}$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ¢DX 3/4 | 3/4 |  | $\cdots$ in plastic box with ALU extension tube | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 5.6 | 7694010 | 8571-01 |
| ¢DX 3/ | 3/4 | 20 | in a sheet-metal case with ALU extension tube | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 10.0 | 7694520 | 8571-02 |
| ¢DX 3/ | 3/4 | 20 | O 303236414650 $754-04 \leadsto 200+400 \mathrm{mmm}$ | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 16.8 | 7694870 | 8571-03 |
| ¢DX 3/ | 3/4 | 20 | Set INCH O1.1/8 $1.1 / 41.3 / 81.1 / 21.3 / 41.7 / 8^{\prime \prime}$ $200+400 \mathrm{~mm}$ | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 16.0 | 7695170 | 8571-04 |
| EDXL 3/4 | 3/4 | 20 | $\qquad$ in plastic box with ALU extension tube | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 5.6 | 7694360 | 8576-01 |
| EDXL 3/4 | 3/4 | 20 | $\square$ in a sheet-metal case with ALU extension tube | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 10.0 | 7694600 | 8576-02 |
| DXL 3/4 | 3/4 | 20 | O30 3236414650 Ot mm $754-04 \square 200+400 \mathrm{~mm}$ | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 16.8 | 7694950 | 8576-03 |
| EDXL 3/4 | 3/4 | 20 | Set INCH O1.1/8 1.1/4 $1.3 / 8 \quad 1.1 / 2 \quad 1.3 / 41.7 / 8^{\prime \prime}$ $2002+400 \mathrm{~mm}$ | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | $10 \mathrm{~N} \cdot \mathrm{~m} / 10 \mathrm{lbf} \cdot \mathrm{ft}$ | 16.0 | 7695330 | 8576-04 |

## 8581 EK - 8586 EKL TORQUE WRENCH DREMOMETER

## $600-1500 \mathrm{~N} \cdot \mathrm{~m}$

## Use:

> Controlled screw tightening in the range $600-1500 \mathrm{~N} \cdot \mathrm{~m}$
> For use in almost all industrial manufacturing areas

## Features:

> Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard (+/-4\%) is exceeded.
1" square drive with pin-locking mechanism DIN $3120-$ B25, ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
> Single scale with a scale graduation of $25 \mathrm{~N} \cdot \mathrm{~m}$

## Technical advantage/Function:

> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
Extremely low wear attributable to reduced forces in a unique lever mechanism
> Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single- and double-square drive for controlled bi-directional tightening



8581-02

| Type |  | - | Contents | N.m | Iw | a | b | c | d | e | Tube | 1 | $\sigma_{\text {kg }}{ }^{\text {b }}$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ¢EK | 1 | 25 | with 1 extension tube | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | $25 \mathrm{~N} \cdot \mathrm{~m}$ | 10.8 | 2311267 | 8581-01 |
| -EK | 1 | 25 | $\square$ in sheet-metal case with 1 extension tube | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | $25 \mathrm{~N} \cdot \mathrm{~m}$ | 24.3 | 2311275 | 8581-02 |
| ¢EK | 1 | 25 | O36 41465055606570 Ot mm O $754-06 \square 200+400 \mathrm{~mm}$ | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | $25 \mathrm{~N} \cdot \mathrm{~m}$ | 42.4 | 2311283 | 8581-03 |
| EEKL | 1 | 25 | with 1 extension tube | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | $25 \mathrm{~N} \cdot \mathrm{~m}$ | 10.8 | 2311291 | 8586-01 |
| EKKL | 1 | 25 | $\qquad$ in sheet-metal case with 1 extension tube | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | $25 \mathrm{~N} \cdot \mathrm{~m}$ | 24.3 | 2311305 | 8586-02 |
| EEKL | 1 | 25 | Set mm | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | $25 \mathrm{~N} \cdot \mathrm{~m}$ | 42.4 | 2311313 | 8586-03 |

O36 41465055606570
웅 754-06 $\rightleftharpoons 200+400 \mathrm{~mm}$

## 8564 E-8569 EL <br> TORQUE WRENCH DREMOMETER

## 750-2000 N.m

## Use:

> Controlled screw tightening in the range $750-2000 \mathrm{~N} \cdot \mathrm{~m}$
> For use in almost all industrial manufacturing areas

## Features:

> Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard (+/-4\%) is exceeded.
> 1" square drive with pin-locking mechanism DIN $3120-$ B25, ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
> Single scale with a scale graduation of $50 \mathrm{~N} \cdot \mathrm{~m}$

## Technical advantage/Function:

> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
> Extremely low wear attributable to reduced forces in a unique lever mechanism
>Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single- and double-square drive for controlled bi-directional tightening



8572 F
TORQUE WRENCH DREMOMETER

## 1500-3000 N•m

Use:
> Controlled screw tightening in the range $1500-3000 \mathrm{~N} \cdot \mathrm{~m}$
> For use in almost all industrial manufacturing areas

## Features:

> Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: $+/-3 \%$ tolerance of scale set torque. The specification of the standard (+/-4\%) is exceeded.
> 1.1/2" square drive with pin-locking mechanism DIN 3121 - F 40, ISO 1174
> Automatic short-path actuation with tactile impulse and audible signal
> Single scale with scale graduation $50 \mathrm{~N} \cdot \mathrm{~m}$

## Technical advantage/Function:

> Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
> No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
> Extremely low wear attributable to reduced forces in a unique lever mechanism
> Forged lever chain from our own quality forge
> Maximum precision even when subjected to extreme continuous use
> Long life cycles and tool lives
> Easy operation - fast and safe torque tightening
> Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
> Single square drive for controlled clockwise tightening


| Type | - | $\square$ | Contents | N.m | Iw | a | b | c | d | e | f | Tube | \| | $\delta_{\text {kg }}{ }^{+}$- | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| -F | 1.1/2 | 40 | with 2 extension tubes | 1500-3000 | 2309 | 40 | 35.0 | 1037 | 2454 | 925 | 745 | 8564-92 / 8572-74 | $50 \mathrm{~N} \cdot \mathrm{~m}$ | 15.0 | 7717160 | 8572-01 |
| -F | 1.1/2 | 40 | $\square$ in sheet-metal | 1500-3000 | 2309 | 40 | 35.0 | 1037 | 2454 | 925 | 745 | 8564-92/8572-74 | $50 \mathrm{~N} \cdot \mathrm{~m}$ | 21.2 | 7717240 | 8572-02 |

with 2 extension tubes

## TECHNICAL INFORMATION

After being used, torque wrenches should where possible be turned back to the minimum scale value.
This helps to preserve the springs and ensures a longer product life cycle with high precision.

On request, all torque wrenches can be factory pre-set -at extra chargeWhen ordering, please specify the $N \cdot m$ value

## RATCHET HEADS DREMOMETER 754

> Ratchet head no. 754 can only be used in combination with the DREMOMETER. Please note the right direction of rotation by the ratchet head when ordering. There are separate models for clockwise or counter-clockwise rotation. Ratchet head nos. 754-11 to 754-16 (counter-clockwise) can only be used with the DREMOMETER with double square drive.


## 754

## RATCHET HEAD DREMOMETER

Use:
> Enables controlled torque tightening in combination with a DREMOMETER torque wrench (Type MINI-E)
Features:
> Fine-pitched, sturdy ratchet head
> With $1 / 4^{\prime \prime}, 3 / 8^{\prime \prime}, 1 / 2^{\prime \prime}, 3 / 4^{\prime \prime}$ or 1 " output square drive
>Clockwise models (no. 754-00 to -06)
> Anti-clockwise models (no. 754-11 to -16)
> Made of chrome-vanadium steel

## Scope of delivery:


> Ratchet head
> Single packed in poly-bag

* Max. continuous load of ratchet according to DIN EN ISO 6789:2003 and/or maximum load of cavity

| $\square{ }^{\square}$ | $\square$ | H | $\varnothing \underline{m m}$ | $<^{\circ}$ | Use | Execution | Continuous load* | $\overbrace{\text { kg }}^{\text {k }}$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1/4 | 1/4 | 20 | 24 | 18,0 | MINI, AM | clockwise | $1 / 4^{\prime \prime}=30 \mathrm{~N} \cdot \mathrm{~m}$ | 0.054 | 7680490 | 754-00 |
| 3/8 | 3/8 | 28 | 35 | 20,0 | A | clockwise | $3 / 8^{\prime \prime}=135 \mathrm{~N} \cdot \mathrm{~m}$ | 0.150 | 7680570 | 754-01 |
| 1/2 | 1/2 | 36 | 46 | 7,5 | $B, B C, C$ | clockwise | $1 / 2^{\prime \prime}=340 \mathrm{~N} \cdot \mathrm{~m}$ | 0.350 | 7680650 | 754-02 |
| 3/4 | 3/4 | 56 | 65 | 10,0 | CD, DS, D, DR, DX | clockwise | $3 / 4^{\prime \prime}=1000 \mathrm{~N} \cdot \mathrm{~m}$ | 1.000 | 7680730 | 754-04 |
| 1 | 1 | 62 | 73 | 10,0 | E/EK | clockwise | $1^{\prime \prime}=2000 \mathrm{~N} \cdot \mathrm{~m}$ | 1.800 | 7680810 | 754-06 |
| 3/8 | 3/8 | 28 | 35 | 20,0 | AL | counter-clockwise | $3 / 8^{\prime \prime}=135 \mathrm{~N} \cdot \mathrm{~m}$ | 0.150 | 7686770 | 754-11 |
| 1/2 | 1/2 | 36 | 46 | 7,5 | BL, BCL, CL | counter-clockwise | $1 / 2^{\prime \prime}=340 \mathrm{~N} \cdot \mathrm{~m}$ | 0.350 | 7686850 | 754-12 |
| 3/4 | 3/4 | 56 | 65 | 10,0 | CDL, DSL, DL, DRL, DXL | counter-clockwise | $3 / 4^{\prime \prime}=1000 \mathrm{~N} \cdot \mathrm{~m}$ | 1.000 | 7686930 | 754-14 |
| 1 | 1 | 62 | 73 | 10,0 | EL/EKL | counter-clockwise | $1^{\prime \prime}=2000 \mathrm{~N} \cdot \mathrm{~m}$ | 1.800 | 7687150 | 754-16 |

## 8564-8572

EXTENSION TUBES FOR DREMOMETERE - F

Use:
> Spare extension tube for torque wrench series DREMOMETERE-F
> To enable high torque values by means of extending the lever arm

DREMOMETER
> Ideal for extending the lever arm
> Made from high-grade, galvanised steel
Scope of delivery:
> Extension tube
> Single packed in poly-bag
> Guarantees proof connection to the


## 8571-8577 <br> EXTENSION TUBES ALU FOR DREMOMETER A - CD

Use:
> Spare extension tube for torque wrench series DREMOMETER A - CD, DR, DX
> To enable high torque values by means of extending the lever arm
Features:
> Guarantees proof connection to the DREMOMETER

| Use | 14 mm * | $\overbrace{\text { k, }}$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: |
| DREMOMETER A-CD | 350 | 0.400 | 2880164 | 8577-350 |
| DREMOMETER A-CD | 700 | 0.850 | 2880032 | 8577-700 |
| DREMOMETER DR/DX | 762 | 0.750 | 1686313 | 8571-80 |

> Ideal for extending the lever arm > Made from high-grade aluminium with anodised locknut - extremely lightweight

## Scope of delivery:

Extension tube
Single packed in poly-bag


| Use | Execution | $1 / \mathrm{mm}$ | $\stackrel{\text { kge }}{ }$ | Code | No. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| DREMOMETER E/F | extension only | 745 | 3.550 | 7622020 | 8572-74 |
| DREMOMETER E/EK/F | with locknut | 925 | 3.490 | 7621720 | 8564-92 |

