

# WÜRTH

# RATCHET & SOCKET



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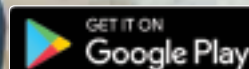
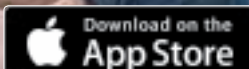
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## RATCHET – THE RIGHT SOLUTION FOR ANY APPLICATION!



Top quality, tested by the German TÜV SÜD



Product Service



### Rotary-disk switch-over

#### Compact, slim head with fine toothing!

Fine toothing with 72 teeth – 5° rotating angle

1. Simple reversing of clockwise and counterclockwise rotation with rotary disk
2. Chamfer on square – Easier removal of socket wrench inserts
3. Offset ratchet body for more clearance for gripping



WÜRTH-Reversible ratchet



reddot design award  
honourable mention 2011



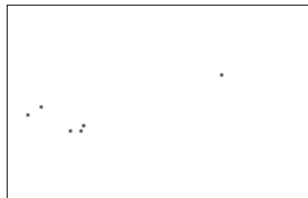
### Lever reversal

#### Rugged ratchet with convenient ejector!

Coarse toothing with 48 teeth – 7.5° rotating angle

1. Fast, simple reversing of clockwise and counterclockwise rotation with lever
2. Safety lock with quick ejector – locked
3. Safety lock with quick ejector – unlocked
4. Low-lying, protected reversing lever and offset ratchet body for more clearance for gripping

| Drive    | Length | Standard           | Version       | Handle             |
|----------|--------|--------------------|---------------|--------------------|
| 6.3-1.4" | 135 mm | DIN 3122, ISO 3315 | Chrome-plated | 2-component handle |
| 10-3/8"  | 175 mm | DIN 3122, ISO 3315 | Chrome-plated | 2-component handle |



| L1              | L2  | L3  | B1 | B2 | D1 | D2 | Art. No.   | P. Qty. |        | L1              | L2  | L3  | B1 | B2 | D1 | D2 | Art. No.    | P. Qty. |
|-----------------|-----|-----|----|----|----|----|------------|---------|--------|-----------------|-----|-----|----|----|----|----|-------------|---------|
| 135             | 125 | 66  | 19 | 28 | 16 | 24 | 0712 014 0 | 1       | <1/4"> | 135             | 125 | 62  | 13 | 22 | 17 | 24 | 0712 014 01 | 1       |
| Maintenance set |     |     |    |    |    |    | 0712 001   | 1       |        | Maintenance set |     |     |    |    |    |    | 0712 000 14 | 1       |
| 175             | 160 | 82  | 19 | 28 | 16 | 30 | 0712 038 0 | 1       | <3/8"> | 175             | 160 | 86  | 16 | 26 | 19 | 32 | 0712 038 01 | 1       |
| Maintenance set |     |     |    |    |    |    | 0712 001   | 1       |        | Maintenance set |     |     |    |    |    |    | 0712 000 38 | 1       |
| 250             | 240 | 112 | 26 | 43 | 26 | 37 | 0712 012 0 | 1       | <1/2"> | 250             | 240 | 111 | 20 | 37 | 26 | 40 | 0712 012 01 | 1       |
| Maintenance set |     |     |    |    |    |    | 0712 002   | 1       |        | Maintenance set |     |     |    |    |    |    | 0712 000 12 | 1       |

## 1/4" SOCKET WRENCH SET



**Multi-functional spherical ratchet with adjustable handle and the most commonly used socket wrenches in a compact product range.**

**3 in 1!**  
**Can be used like a conventional ratchet, as a screwdriver or a T-handle**

- Drive: 6.3 – 1/4"
- Standard: DIN 3122, ISO 3315
- Head: 72 teeth, angle of rotation: 5°, joint can be rotated 270°
- Handle: Two-component handle, straight or adjustable 90° as T-handle
- Contents: 27 pieces

**Art. No. 0965 014 27**

P. Qty.

| Delivery scope:                                                        |                |                                  |         |
|------------------------------------------------------------------------|----------------|----------------------------------|---------|
| Designation                                                            | Length in mm   | Art. No.                         | P. Qty. |
| Spherical Head Ratchet                                                 | 145            | <b>0712 014 05</b>               | 1       |
| 9 Socket Wrench Inserts:<br>One each of 6; 7; 8; 9; 10; 11; 12; 13; 14 | 22             | <b>0713 111 106–0713 111 114</b> |         |
| 14 Socket Wrench Insert Bits:<br>PH 1; PH 2; PH 3                      | 25             | <b>0715 118 01–0715 118 03</b>   |         |
| Internal hex.: 4; 5; 6                                                 | 25             | <b>0715 115 03–06</b>            |         |
| TX: 10, 15, 20, 25, 27, 30, 40                                         | 25             | <b>0715 113 10–40</b>            |         |
| Slotted: 1.0 x 5.5                                                     | 25             | <b>0715 117 55</b>               |         |
| Extensions                                                             | 50; 150        | <b>0715 118 102–106</b>          |         |
| Cardan Joint                                                           | 33             | <b>0713 118 301</b>              |         |
| Foam Insert                                                            | 215 x 105 x 30 | <b>0955 014 27</b>               |         |
| Metal Box, size 1                                                      | 220 x 110 x 35 | <b>0955 715 1</b>                |         |



Can be used like a conventional ratchet with quick ejector or safety lock



Can be used like a screwdriver



Can be used with T-handle and swiveling ratchet head. Any desired angle can be set. Locked in place with rotary wheel.



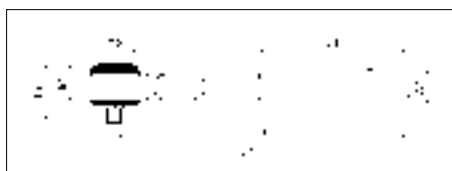
| L1              | L2  | L3 | B1   | B2   | D1 | D2 | Art. No.            | P. Qty. |
|-----------------|-----|----|------|------|----|----|---------------------|---------|
| 145             | 130 | 77 | 18.5 | 26.5 | 26 | 20 | <b>0712 014 05</b>  | 1       |
| Maintenance Set |     |    |      |      |    |    | <b>0712 000 014</b> |         |



## 1/4" JOINTED RATCHET

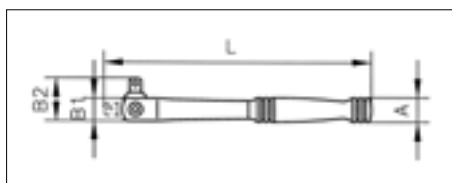


- Standard: DIN 3122, ISO 3315
- Head: 72 teeth, 5° rotating angle
- Design: Chrome-plated
- Head: Joint can be rotated 180°
- Accessories: Maintenance instructions, spare part set



| L1<br>in mm     | L2<br>in mm | L3<br>in mm | B1<br>in mm | B2<br>in mm | D1<br>in mm | D2<br>in mm | Art. No.           | P.<br>Qty. |
|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|------------|
| 150             | 137         | 66          | 19          | 28          | 16          | 22          | <b>0714 110 21</b> | 1          |
| Maintenance Set |             |             |             |             |             |             | <b>0712 001</b>    | 1          |

## 6" JOINTED HANDLE

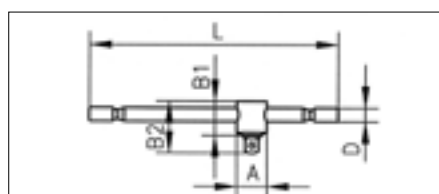


- Standard: DIN 3122, ISO 3315
- Joint: Rotatable by 180°, head is braked in any desired position
- Version: Chrome-plated, polished

| L<br>in mm | B1<br>in mm | B2<br>in mm | A<br>in mm | L  | Art. No.            | P.<br>Qty. |
|------------|-------------|-------------|------------|----|---------------------|------------|
| 150        | 12          | 22.5        | 13         | 6" | <b>0713 110 101</b> | 1/5        |

- Use:
  - The 180° joint enables proper, flexible operation even when obstacles are encountered
  - Powerful tightening

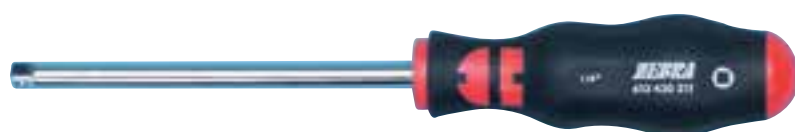
## 1/4" CROSS HANDLE



- Standard: DIN 3122, ISO 3315
- Sliding handle features ball detent
- Version: Chrome-plated, polished
- Use: T- or L-handle

| L<br>in mm | B1<br>in mm | B2<br>in mm | D<br>in mm | A<br>in mm | Art. No.            | P.<br>Qty. |
|------------|-------------|-------------|------------|------------|---------------------|------------|
| 115        | 15.5        | 24          | 6          | 14         | <b>0713 110 201</b> | 1/5        |

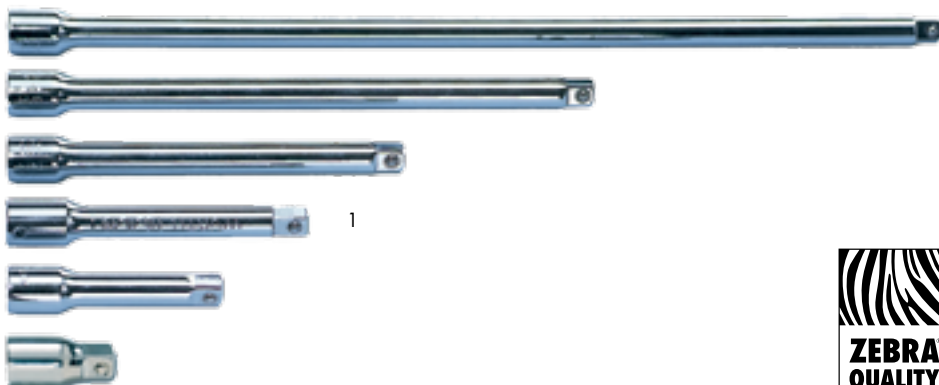
## SCREWDRIVER WITH 1/4" TIP



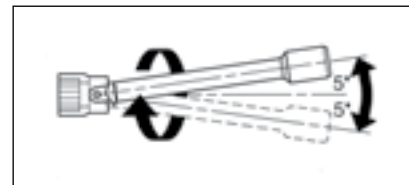
- Blade: Round, chrome-plated
- Tip: DIN 3126-A 6,3
- Use: Mounting of
- Socket wrench inserts, square

| Standard | A<br>in mm | B/C<br>in mm | A      | Art. No.            | P.<br>Qty. |
|----------|------------|--------------|--------|---------------------|------------|
| 1/4"     | 110        | 106/35       | 4 3/8" | <b>0613 430 311</b> | 1          |

## 1/4" EXTENSIONS

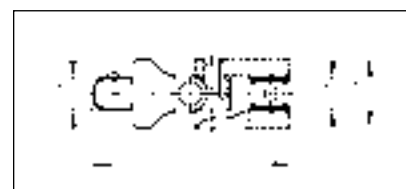


- Version: Chrome-plated, polished
- Drive: 1/4", ball catch groove

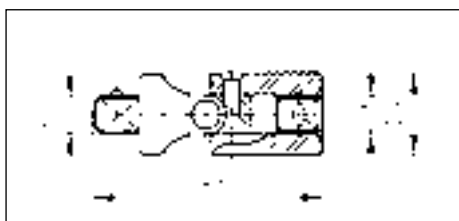


- 1 Angled extension
- Use: Movement up to 5° possible: Aids work in hard-to-reach places

| D1<br>in mm | D2<br>in mm | L<br>in mm | L   | Art. No.            | P.<br>Qty. |
|-------------|-------------|------------|-----|---------------------|------------|
| 12          | 8.3         | 25         | 1"  | <b>0713 118 101</b> | 1/20       |
| 12          | 8.3         | 53         | 2"  | <b>0713 118 102</b> | 1/20       |
| 12          | 8.3         | 101        | 4"  | <b>0713 118 104</b> | 1/20       |
| 12          | 8.3         | 152        | 6"  | <b>0713 118 106</b> | 1/10       |
| 12          | 8.3         | 250        | 10" | <b>0713 118 110</b> | 1/10       |
| 12          | 8.0         | 75         | 3"  | <b>0713 11 40</b>   | 1          |



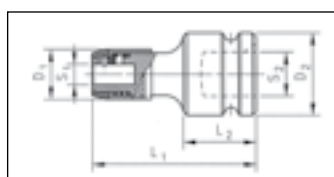
## 1/4" CARDAN JOINT



- Version: Chrome-plated, polished
- Drive: 1/4", ball catch groove
- Joint: Features spring broke
  - Remains in set position

| S1   | S2   | D1<br>in mm | L1<br>in mm | Art. No.            | P.<br>Qty. |
|------|------|-------------|-------------|---------------------|------------|
| 1/4" | 1/4" | 14          | 33          | <b>0713 118 301</b> | 1/20       |

## 1/4" ADAPTER WITH QUICK-CHANGE CHUCK



- Drive: Inner square DIN 3121 for use with ratchet or square drive
- Tip: Inner square 1/4", DIN 3126
- Use: Universal mounting of 1/4" bits

| S1   | S2   | L1<br>in mm | L2<br>in mm | D2<br>in mm | D2<br>in mm | Art. No.          | P.<br>Qty. |
|------|------|-------------|-------------|-------------|-------------|-------------------|------------|
| 1/4" | 1/4" | 30          | 11          | 13          | 14          | <b>0715 11 01</b> | 1          |

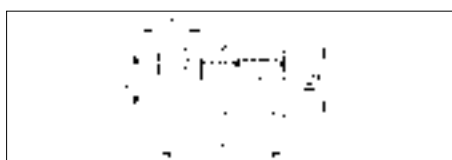
## CONNECTION PIECE



- Version: Chrome-plated, polished
- Drive: Inner square, 1/4"
- Tip: Outer square, 3/8"
- Application: Adapter to 3/8" socket wrench inserts

| S1   | S2   | L1<br>in mm | D1<br>in mm | Art. No.     | P.<br>Qty. |
|------|------|-------------|-------------|--------------|------------|
| 3/8" | 1/4" | 24          | 12.5        | 0713 118 401 | 1/20       |

## 1/4" SOCKET WRENCH INSERTS

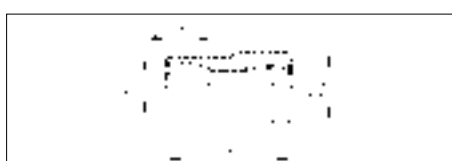


### Metric

- Version: Chrome-plated, polished
- Drive: 1/4", ball catch groove
- Tip: Hex., metric
- Geometry: Short

| in mm | L1<br>in mm | D1<br>in mm | D2<br>in mm | t<br>in mm | Art. No.     | P.<br>Qty. |
|-------|-------------|-------------|-------------|------------|--------------|------------|
| 4     | 22          | 6.8         | 11.9        | 5          | 0713 111 104 | 1          |
| 5     | 22          | 8.1         | 11.9        | 5          | 0713 111 105 | 1          |
| 5.5   | 22          | 8.7         | 11.9        | 5.5        | 0713 111 155 | 1          |
| 6     | 22          | 9.3         | 11.9        | 6          | 0713 111 106 | 1          |
| 6.3   | 22          | 9.8         | 11.9        | 6          | 0713 111 163 | 1          |
| 7     | 22          | 10.8        | 11.9        | 6          | 0713 111 107 | 1          |
| 8     | 22          | 11.9        | 11.9        | 7          | 0713 111 108 | 1          |
| 9     | 22          | 13.4        | 13.4        | 7          | 0713 111 109 | 1          |
| 10    | 22          | 14.5        | 14.5        | 10         | 0713 111 110 | 1          |
| 11    | 22          | 15.9        | 15.9        | 10         | 0713 111 111 | 1          |
| 12    | 22          | 16.9        | 16.9        | 10         | 0713 111 112 | 1          |
| 13    | 22          | 18          | 18          | 11         | 0713 111 113 | 1          |
| 14    | 22          | 19.6        | 19.6        | 11         | 0713 111 114 | 1          |

## POWERDRIV®



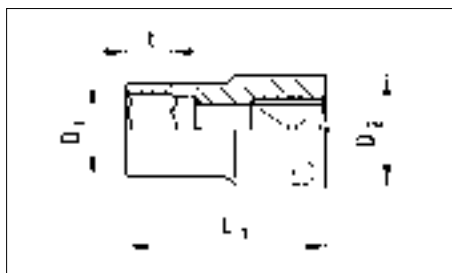
### Standard

- Version: Chrome-plated, polished
- Drive: 1/4", ball catch groove
- Tip: Hex., standard
- Geometry: Short

| in mm | L1<br>in mm | D1<br>in mm | D2<br>in mm | t<br>in mm | Art. No.     | P.<br>Qty. |
|-------|-------------|-------------|-------------|------------|--------------|------------|
| 5/32  | 22          | 6.8         | 11.9        | 5          | 0713 111 201 | 1          |
| 3/16  | 22          | 7.9         | 11.9        | 5          | 0713 111 202 | 1          |
| 7/32  | 22          | 8.9         | 11.9        | 5.5        | 0713 111 203 | 1          |
| 1/4   | 22          | 9.9         | 11.9        | 6          | 0713 111 204 | 1          |
| 9/32  | 22          | 11          | 11.9        | 6          | 0713 111 205 | 1          |
| 5/16  | 22          | 11.9        | 11.9        | 7          | 0713 111 206 | 1          |
| 11/32 | 22          | 13.0        | 13.0        | 7          | 0713 111 207 | 1          |
| 3/8   | 22          | 14.5        | 14.5        | 10         | 0713 111 208 | 1          |
| 7/16  | 22          | 15.9        | 15.9        | 10         | 0713 111 209 | 1          |
| 1/2   | 22          | 17.6        | 17.6        | 11         | 0713 111 210 | 1          |
| 9/16  | 22          | 19.6        | 19.6        | 11         | 0713 111 211 | 1          |

## POWERDRIV®

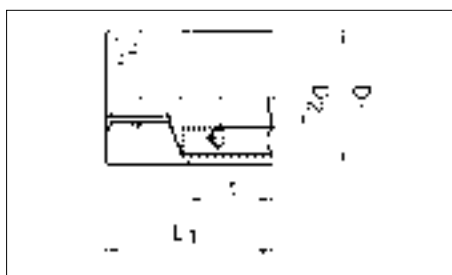
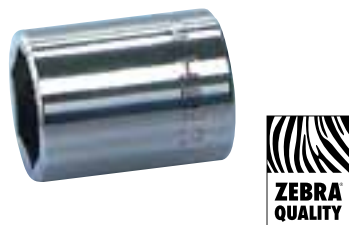
## REVERSIBLE RATCHETS, 1/4"



| in mm | L1 in mm | D1 in mm | D2 in mm | t in mm | Art. No.     | P. Qty. |
|-------|----------|----------|----------|---------|--------------|---------|
| 4     | 50       | 4.8      | 11.9     | 7       | 0713 112 104 | 1       |
| 5     | 50       | 8.1      | 11.9     | 9       | 0713 112 105 | 1       |
| 5.5   | 50       | 8.7      | 11.9     | 9       | 0713 112 155 | 1       |
| 6     | 50       | 9.3      | 11.9     | 13      | 0713 112 106 | 1       |
| 7     | 50       | 10.8     | 11.9     | 16      | 0713 112 107 | 1       |
| 8     | 50       | 11.9     | 11.9     | 16      | 0713 112 108 | 1       |
| 9     | 50       | 13.4     | 13.4     | 16      | 0713 112 109 | 1       |
| 10    | 50       | 14.5     | 14.5     | 21      | 0713 112 110 | 1       |
| 11    | 50       | 15.9     | 15.9     | 21      | 0713 112 111 | 1       |
| 12    | 50       | 16.9     | 16.9     | 21      | 0713 112 112 | 1       |
| 13    | 50       | 18       | 18       | 21      | 0713 112 113 | 1       |
| 14    | 50       | 19.6     | 19.6     | 21      | 0713 112 114 | 1       |

## 1/4" Socket Wrench Inserts, metric

- Version: Chrome-plated, polished
- Drive: 1/4", ball catch groove
- Drive: Hexagon, metric
- Geometry: Long
- Application: Screw connections to stud bolts, threaded rods etc.



| in mm | L1 in mm | D1 in mm | D2 in mm | t in mm | Art. No.     | P. Qty. |
|-------|----------|----------|----------|---------|--------------|---------|
| 8     | 22       | 11.9     | 5        | 8.1     | 0714 111 808 | 1       |
| 10    | 22       | 14.6     | 6.1      | 8.1     | 0714 111 810 | 1       |
| 11    | 22       | 15.7     | 7.1      | 8.1     | 0714 111 811 | 1       |
| 12    | 22       | 16.9     | 8.1      | 8.1     | 0714 111 812 | 1       |
| 13    | 22       | 17.6     | 8.1      | 8.1     | 0714 111 813 | 1       |

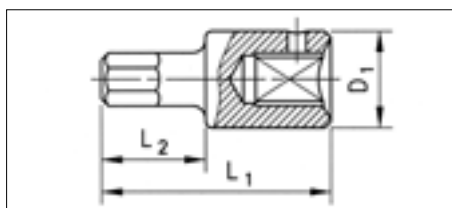
## 1/4" Socket Wrench Inserts with magnet

- Version: Chrome-plated, polished
- Drive: 1/4", ball catch groove
- Drive: Hexagon, metric and inner bore for protruding threaded shafts
- Application: For automatic retention of bolts and nuts in hard-to-reach spots



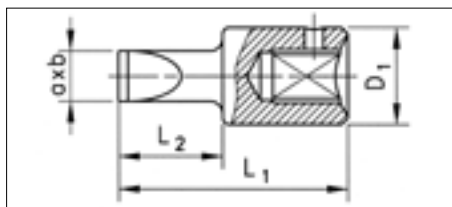


## 1/4" SCREWDRIVER INSERTS



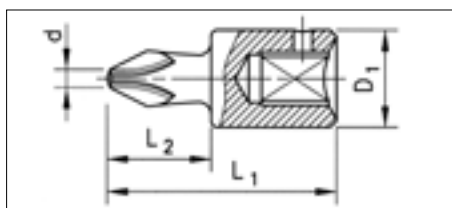
- Version: Chrome-plated, polished/ matt
- Drive: 1/4", ball catch groove
- Drive: Inner square, metric, DIN 7422

|  in mm | L <sub>1</sub> in mm | L <sub>2</sub> in mm | D <sub>1</sub> in mm | Art. No.   | P. Qty. |
|----------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|------------|---------|
| 3                                                                                      | 32                   | 12                   | 12                   | 0715115 03 | 1       |
| 4                                                                                      | 32                   | 12                   | 12                   | 0715115 04 | 1       |
| 5                                                                                      | 32                   | 12                   | 12                   | 0715115 05 | 1       |
| 6                                                                                      | 32                   | 12                   | 12                   | 0715115 06 | 1       |
| 7                                                                                      | 32                   | 12                   | 12                   | 0715115 07 | 1       |
| 8                                                                                      | 32                   | 12                   | 12                   | 0715115 08 | 1       |



- Version: Chrome-plated, polished/ matt
- Drive: 1/4", ball catch groove
- Drive: DIN 5264

|  a in mm b | L <sub>1</sub> in mm | L <sub>2</sub> in mm | D <sub>1</sub> in mm | Art. No.   | P. Qty. |
|----------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|------------|---------|
| 0.6 x 3.5                                                                                    | 32                   | 12                   | 12                   | 0715117 35 | 1       |
| 1.0 x 5.5                                                                                    | 32                   | 12                   | 12                   | 0715117 55 | 1       |
| 1.2 x 6.5                                                                                    | 32                   | 12                   | 12                   | 0715117 65 | 1       |
| 1.2 x 8.0                                                                                    | 32                   | 12                   | 12                   | 0715117 80 | 1       |



- Version: Chrome-plated, polished/ matt
- Drive: 1/4", ball catch groove
- Drive: DIN 5260-PH, ISO 8764-PH

|  in mm | L <sub>1</sub> in mm | L <sub>2</sub> in mm | D <sub>1</sub> in mm | Art. No.   | P. Qty. |
|------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|------------|---------|
| PH1                                                                                      | 32                   | 12                   | 12                   | 0715118 01 | 1       |
| PH2                                                                                      | 32                   | 12                   | 12                   | 0715118 02 | 1       |
| PH3                                                                                      | 32                   | 12                   | 12                   | 0715118 03 | 1       |

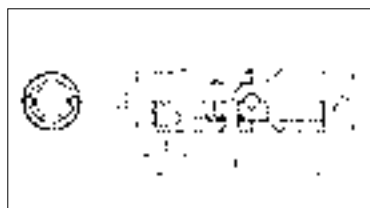
## 1/4" CLIP STRIP



- Version: Bright chrome plated, with hole for hanging
- Use: 16 clips for mounting 1/4" socket wrench inserts

| L <sub>1</sub> in mm | L <sub>2</sub> in mm | L <sub>3</sub> in mm | B in mm | Art. No.    | P. Qty. |
|----------------------|----------------------|----------------------|---------|-------------|---------|
| 430                  | 13                   | 407                  | 20      | 0713 111 01 | 1       |

## 1/4" UNIVERSAL JOINT WITH CLAMPING DEVICE



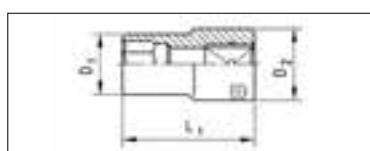
### With clamping mechanism

- Finish: chrome-plated, matte
  - Input drive: 1/4", ball groove
  - Output drive: 6 points, metric sizes, double ball stop and flat spiral spring ring, Powerdriv
- Application: secure retention of screws or nuts, even flat head or A2 screws, for working in confined spaces



| mm | L <sub>1</sub> mm | D <sub>1</sub> mm | D <sub>2</sub> mm | t mm | Art.-No.    | P.Qty |
|----|-------------------|-------------------|-------------------|------|-------------|-------|
| 8  | 30                | 12,3              | 13                | 5    | 0713 111 08 | 1     |
| 10 | 31                | 14,5              | 13                | 6    | 0713 111 10 | 1     |
| 12 | 32                | 16,8              | 13                | 7    | 0713 111 12 | 1     |
| 13 | 33                | 18,0              | 13                | 8    | 0713 111 13 | 1     |

## 1/4" SOCKET FOR OUTER TX SCREWS

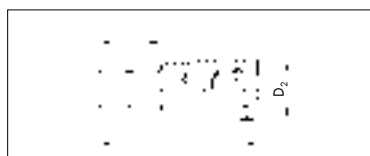


### For external T-bolts

- Finish: chrome-plated, polished/matte
- Input drive: 1/4", ball groove
- Output drive: outer TX

| mm    |    | L <sub>1</sub> mm | D <sub>1</sub> mm | D <sub>2</sub> mm | Art.-No.    | P.Qty |
|-------|----|-------------------|-------------------|-------------------|-------------|-------|
| 3,86  | 4  | 22                | 5,4               | 12                | 0715 112 04 | 1     |
| 4,75  | 5  | 22                | 6,7               | 12                | 0715 112 05 | 1     |
| 5,74  | 6  | 22                | 7,7               | 12                | 0715 112 06 | 1     |
| 6,22  | 7  | 22                | 8,3               | 12                | 0715 112 07 | 1     |
| 7,52  | 8  | 22                | 9,6               | 12                | 0715 112 08 | 1     |
| 9,43  | 10 | 22                | 11,3              | 12                | 0715 112 10 | 1     |
| 10,08 | 11 | 22                | 12,0              | 12                | 0715 112 11 | 1     |

## 1/4" SOCKET FOR INNER TX SCREWS



### For internal T-bolts

- Finish: chrome-plated, polished/matte
- Input drive: 1/4", ball groove
- Output drive: inner TX

| mm   |    | L <sub>1</sub> mm | D <sub>1</sub> mm | D <sub>2</sub> mm | Art.-No.    | P.Qty |
|------|----|-------------------|-------------------|-------------------|-------------|-------|
| 2,30 | 8  | 32                | 12                | 12                | 0715 113 08 | 1     |
| 2,48 | 9  | 32                | 12                | 12                | 0715 113 09 | 1     |
| 2,72 | 10 | 32                | 12                | 12                | 0715 113 10 | 1     |
| 3,26 | 15 | 32                | 12                | 12                | 0715 113 15 | 1     |
| 3,84 | 20 | 32                | 12                | 12                | 0715 113 20 | 1     |
| 4,40 | 25 | 32                | 12                | 12                | 0715 113 25 | 1     |
| 4,96 | 27 | 32                | 12                | 12                | 0715 113 27 | 1     |
| 5,49 | 30 | 32                | 12                | 12                | 0715 113 30 | 1     |
| 6,60 | 40 | 32                | 12                | 12                | 0715 113 40 | 1     |



### Assortment

Art.No.: 075113900  
7 pcs., 5-star with hole, with clamping strip  
**Contents: 7 pieces**

## SOCKET WRENCH ASSORTMENT



14-pc. set

Art. No. 0713 130 0

P. Qty. 1

- Problem solver for narrow spaces, because of very low height
- With through-hole, ideal for long bolts and threaded rods
- Standard wrenches can also be used with the two adapters ( $\frac{1}{4}$ " and  $\frac{3}{8}$ ").
- Supplied in a metal box and a high-quality foam insert with clamping effect

### Scope of delivery

| Designation             | Length in mm   | Art. No.                  | P. Qty. |
|-------------------------|----------------|---------------------------|---------|
| Ratchet                 | 205            | 0713 130 01               | 1/10    |
| Extension               | 76             | 0713 130 02               | 1/10    |
| Adapter $\frac{1}{4}$ " | 26             | 0713 130 03               | 1/10    |
| Adapter $\frac{3}{8}$ " | 30             | 0713 130 04               | 1/10    |
| 1 wrench ea. Size 10-19 | 32             | 0713 130 10 - 0713 130 19 | 1/10    |
| Foam insert             | 220 x 105 x 30 | 0955 130 0                | 1       |
| Metal box               | 225 x 125 x 35 | 0955 715 1                | 1       |

## RATCHET

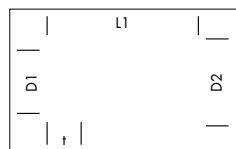


- Head: 72 teeth, 5 rotating angle°, round, compact head, one-hand operation with reversing lever for clockwise and anti-clockwise operation
- Design: chrome-plated, polished, plastic handle, very slim design

| L1 in mm | B1 in mm | B2 in mm | D1 in mm | D2 in mm | Art. No.    | P. Qty. |
|----------|----------|----------|----------|----------|-------------|---------|
| 205      | 7        | 11.5     | 24.7     | 32.5     | 0713 130 01 | 1       |

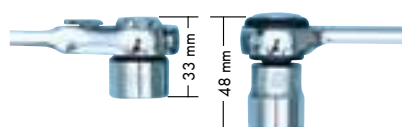


## SOCKET WRENCH



**POWERDRIV®**

### Applications



Low height of the through ratchet as compared to standard ratchets



Long bolts and threaded rods can be processed thanks to the through hole.



Through ratchet with adapter ejector enables easy removal of the socket wrench.

- Tip: Hexagon, metric, POWERDRIV®
- Design: chrome-plated, polished

|    | L1 in mm | f in mm | D1 in mm | D2 in mm | Art. No.    | P. Qty. |
|----|----------|---------|----------|----------|-------------|---------|
| 10 | 32       | 7.0     | 14.7     | 19.5     | 0713 130 10 | 1/10    |
| 11 | 32       | 7.0     | 15.4     | 19.5     | 0713 130 11 | 1/10    |
| 12 | 32       | 7.0     | 16.6     | 19.5     | 0713 130 12 | 1/10    |
| 13 | 32       | 8.5     | 17.7     | 19.5     | 0713 130 13 | 1/10    |
| 14 | 32       | 9.5     | 18.9     | 19.5     | 0713 130 14 | 1/10    |
| 15 | 32       | 11.5    | 20.1     | 19.5     | 0713 130 15 | 1/10    |
| 16 | 32       | 12.0    | 21.2     | 19.5     | 0713 130 16 | 1/10    |
| 17 | 32       | 12.0    | 22.4     | 19.5     | 0713 130 17 | 1/10    |
| 18 | 32       | 12.0    | 23.6     | 19.5     | 0713 130 18 | 1/10    |
| 19 | 32       | 12.0    | 24.8     | 19.5     | 0713 130 19 | 1/10    |

## MINI 1/4" MULTI SOCKET WRENCH ASSORTMENT



**23-piece**

**Extremely compact special tool with bit ratchet, multi socket wrench and adapter for use in the tightest of spaces.**

### Bit-Ratchet

#### Technical Data:

- Mounting: For 1/4" hexagon drive in accordance with DIN 3126-C 6.3 and E 6.3.
- Head: Extremely compact ratchet head, fine toothed, 72 teeth, 5° reversing angle.
- Version: chrome-plated with 2-component handle, extremely slim design, angled at 10°.

#### Powerful bit ratchet

- Very rugged design, max. torque of up to 40 Nm.

### Maximum flexibility

- A large number of different adapters, bit holders and socket wrench inserts can easily be combined.

### Application

- Ideal problem solver for handicraft applications: e.g. motor vehicles, commercial vehicles, motorcycles, bicycles, mechanical engineering, fine machinery and the furniture industry

**Multi-profile suitable for five most common screw head drives! Hex metric, 4-sided metric, 12-sided metric, hex inch and outer TX.**



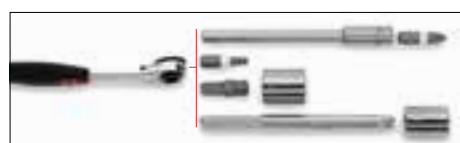
#### Knurled rotary disk

Screwing process can be accelerated with thumb.



#### Reversing lever

Simple reversing of clockwise and counterclockwise rotation.



#### Broad range of applications

The right tool for any application.



#### Overall height of bit ratchet

Low overall height of the bit ratchet compared to conventional ratchets.



#### Long bit holder blade

Provides better access with deep-screw connections.

**Art.-No. 0965 11 23**

P.Qty

### Content

| Designation                                         | Tip                                                                                 | Length Size | Art.-No.                         | P.Qty |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|-------------|----------------------------------|-------|
| Bit ratchet                                         |  | 100 mm      | 0712 014 5                       | 1     |
| 6x Multi-socket wrench, each 1x5, 6, 8,10, 11, 13mm |  | 22 mm       | 0713 113 05<br>to<br>0713 113 13 |       |
| Bit PH 1                                            |  | 25 mm       | 0614 176 274                     |       |
| Bit PH 2                                            |                                                                                     |             | 0614 176 461                     |       |
| Slot bit 0.8 x 5.5                                  |  |             | 0614 175 653                     |       |
| Allen bit, 3mm                                      |  |             | 0614 176 93                      |       |
| Allen bit, 4mm                                      |                                                                                     |             | 0614 176 94                      |       |
| Allen bit, 5mm                                      |                                                                                     |             | 0614 176 95                      |       |
| Allen bit, 6mm                                      |                                                                                     |             | 0614 176 96                      |       |
| Bit inside hex. 5 mm                                |                                                                                     |             |                                  |       |
| Bit inside hex. 6 mm                                |                                                                                     |             |                                  |       |

| Designation       | Tip                                                                                   | Length Size      | Art.-No.            | P.Qty |
|-------------------|---------------------------------------------------------------------------------------|------------------|---------------------|-------|
| 1/4" bit          |  | 25 mm            | <b>0614 176 700</b> | 1     |
| TX 10 bit         |  |                  | <b>0614 311 0</b>   |       |
| TX 15 bit         |                                                                                       |                  | <b>0614 311 5</b>   |       |
| TX 20 bit         |                                                                                       |                  | <b>0614 312 0</b>   |       |
| TX 25 bit         |                                                                                       |                  | <b>0614 312 5</b>   |       |
| TX 27 bit         |                                                                                       |                  | <b>0614 312 7</b>   |       |
| TX 30 bit         |                                                                                       |                  | <b>0614 313 0</b>   |       |
| Extension         |  | 100 mm           | <b>0613 716</b>     |       |
| Bit holder        |  |                  | <b>0613 715</b>     |       |
| Foam insert       | -                                                                                     | 125 x 75 x 30 mm | <b>0955 11 23</b>   |       |
| Metal box, Size 0 | -                                                                                     | 130 x 80 x 30 mm | <b>0955 715 0</b>   |       |

## PASS-THROUGH WRENCH ASSORTMENT



**Comprehensive tool assortment with pass-through wrenches and multi-profile, 36 pc. set**

**Art. No. 0965 13 036**

P. Qty. 1

**Problem solver for very tight spaces**

Very low height

**Ideal for long bolts and threaded rods**

Features through-hole



With through-hole for bolts and threaded rods. Flexible ratchet head with lock.



Pass-through ratchet with low height in comparison to conventional ratchets.



Socket adapter for 1/4" bits. Security lock via PUSH release button.

**Multi-profile suitable for five most common screw head drives! Hexagon metric, square metric, double-hexagon metric, hexagon inch, outer TX.**

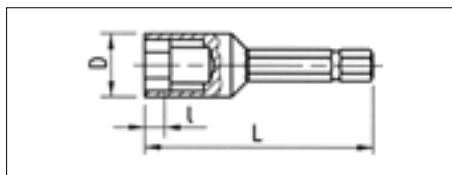


### Contents:

1x flexible reversible ratchet; 1x 75 mm extension;  
2x pass-through wrenches: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 mm;  
1x adapter for 1/4" bits; 1x adapter for 3/8" socket;  
1x adapter for 1/2" socket 19x bits: PH1, 2, 3; PZ1, 2, 3; TX10, 15, 20, 25, 27, 30, 40; slotted 0.8 x 5.5; 1,2 x 8,0; Allen 3, 4, 5, 6 mm



## SOCKET WRENCH INSERT, 1/4"

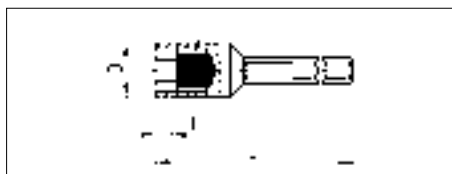


**Hex., without magnet**

- Machine mount: 1/4" E 6.3
- Length: 65 mm
- Material: chrome-vanadium-steel

| in mm | D in mm | L in mm | Weight in g | Art. No.     | P. Qty. |
|-------|---------|---------|-------------|--------------|---------|
| 7     | 11      | 5       | 18          | 0614 176 811 | 1       |
| 8     | 12      | 6       | 20          | 0614 176 812 |         |
| 10    | 14      | 7       | 22          | 0614 176 813 |         |
| 3/8"  | 14      | 7       | 33          | 0614 176 820 |         |

## SOCKET WRENCH INSERT, 1/4"



**Hex., with magnet**

- Machine mount: 1/4" E 6.3
- Length: 51 mm
- Material: chrome-vanadium-steel

| in mm | D in mm | L in mm | Weight in g | Art. No.     | P. Qty. |
|-------|---------|---------|-------------|--------------|---------|
| 5.5   | 9       | 2.1     | 18          | 0614 176 712 | 1       |
| 1/4"  | 10      | 1.8     | 20          | 0614 176 713 |         |
| 7     | 11      | 2.8     | 22          | 0614 176 714 |         |
| 8     | 12      | 3.5     | 22          | 0614 176 715 |         |
| 3/8"  | 14      | 4.2     | 29          | 0614 176 716 |         |
| 10    | 14      | 4.2     | 29          | 0614 176 717 |         |
| 13    | 18      | 6.0     | 39          | 0614 176 718 |         |

## SOCKET WRENCH INSERT SET, 1/4"



**Hex., with magnet, 5 pc. set**

- Includes the most common magnetic socket wrench inserts for machine processing
- Plastic retainer with belt clip
- Machine mount: 1/4" E 6.3
- Length: 51 mm
- Material: chrome-vanadium-steel

| Content |         |         |             |              |         |
|---------|---------|---------|-------------|--------------|---------|
| in mm   | D in mm | L in mm | Weight in g | Art. No.     | P. Qty. |
| 7       | 11      | 2.8     | 22          | 0614 176 714 | 1       |
| 8       | 12      | 3.5     | 22          | 0614 176 715 |         |
| 3/8"    | 14      | 4.2     | 29          | 0614 176 716 |         |
| 10      | 14      | 4.2     | 29          | 0614 176 717 |         |
| 13      | 18      | 6.0     | 39          | 0614 176 718 |         |

**Art. No. 0614 176 01**

P. Qty. 1

## 1/4" SOCKET WRENCH ASSORTMENT



### With lever reversal

**Extensive 1/4" assortment for universal use: Socket wrench with pressed-in bits for fast tool change.**

Hard foam with clamping effect, Art. No. 0955 014 32  
Metal box, 220x110x35 mm, Size 1, Art. No. 0955 715 1

### Contents: 32 pieces

1 lever ratchet, 1 angled extension, 25 mm  
1 extension, 150 mm, 1 flexible extension, 150 mm  
1 Cardan joint, 1 screwdriver handle, 1/4"  
12 socket wrench inserts, sizes:  
4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm  
14 socket wrench inserts, bits:  
PH 1, PH 2, PH 3; Allen head: 4, 5, 6  
TX 10, 15, 20, 25, 27, 30, 40; slot 0.8x5.5

**Art. No. 0965 014 32**

P. Qty. 1



reddot design award  
honourable mention 2011

WÜRTH lever ratchet

## 1/4" SOCKET WRENCH ASSORTMENT



### One set for almost any job.

**The multi socket wrench is suitable for the following drives: Hex. metric, square metric, double hex. metric, hex. inch, outer TX**

Hard foam with clamping effect, Art. No. 0955 014 34  
Metal box, 220 x 110 x 35 mm, Size 1, Art. No. 0955 715 1

### Contents: 34 pieces

1 lever ratchet, 1 angled extension, 25 mm  
1 extension, 150 mm, 1 flexible extension, 150 mm  
1 Cardan joint, 1 screwdriver handle, 1/4"  
1 adapter with quick-change chuck  
12 socket wrench inserts, sizes:  
4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm  
15 bits:  
PH 1, PH 2, PH 3; Allen head: 3, 4, 5, 6  
TX 10, 15, 20, 25, 27, 30, 40; slot 0.8x5.5

**Art. No. 0965 014 34**

P. Qty. 1



WÜRTH lever ratchet



reddot design award  
honourable mention 2011

## 1/4"- SOCKET SPANNER ASSORTMENT



**Art. No. 0965 11 16**

Hard foam with clamping effect  
Art. No. 0955 11 16  
Metal box 220 x 110 x 35 mm, size 1  
Art. No. 0955 715 1  
Contents: 16 parts  
1 ratchet  
1 extension 100 mm  
1 extension 150 mm  
1 Cardon joint  
12 socket spanner inserts  
4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm

## 1/4"- SOCKET SPANNER ASSORTMENT



**Art. No. 0965 11 32**

Hard foam with clamping effect  
Art. No. 0955 11 32  
Metal box 220 x 110 x 35 mm, size 1  
Art. No. 0955 715 1  
Contents: 33 parts  
1 ratchet, 1 extension 100 mm  
1 extension 150 mm, 1 Cardon joint  
12 socket spanner inserts 4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm, 1 Zebra® handle 1 adapter with quick change chuck  
15 bits: PH1, PH2, PH3,  
Slot: 0.8 x 5.5, internal hex.: 3, 4, 5, 6 mm Torx: TX 10, 15, 20, 25, 27, 30, 40

## 1/4"- SOCKET SPANNER ASSORTMENT



**for Internal TX and External TX Screws**

**Art. No. 0965 11 180**

Hard foam with clamping effect  
Art. No. 0955 11 180  
Metal box 220 x 110 x 35 mm, size 1  
Art. No. 0955 715 1  
Contents: 20 parts  
1 ratchet, 1 extension 100 mm  
1 Zebra® handle, 1 Cardon joint  
7 socket spanner inserts E 4, 5, 6, 7, 8, 10, 11 9  
screwdriver inserts  
TX 8, 9, 10, 15, 20, 25, 27, 30, 40

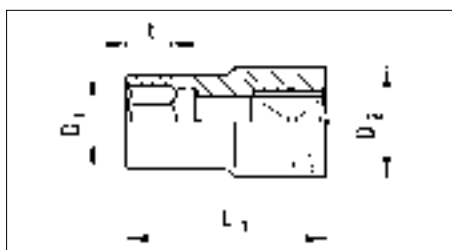
## 1/4"- SOCKET RANGE



**Art.-No. 0955 11 42**

**Content: 42 parts**  
1 switchover ratchet  
1 universal joint  
1 extension 100 mm  
1 extension 150 mm  
12 socket wrenches short version  
SW 4; 5; 5.5; 6; 7; 8th; 9; 10; 11; 12; 13; 14 mm  
1 plug handle 1/4 "  
9 socket wrenches long version  
SW 6; 7; 8th; 9; 10; 11; 12; 13; 14 mm  
1 adapter with quick-change chuck  
15 bits: PH 1, 2, 3, slot 0.8 x 5.5 mm  
Indoor 6-kt. SW 3, 4, 5, 6 mm  
TX 10, 15, 20, 25, 27, 30, 40

## 1/4" MULTI-SOCKET WRENCH



- Design: chrome-plated, polished
- Drive: 1/4" square drive
- Output: Bi-hexagon, multi profile
- Geometry: short

| Multi profile | Possible uses      |        |         |          |    |      |      |     |                     |         |
|---------------|--------------------|--------|---------|----------|----|------|------|-----|---------------------|---------|
|               | Hexagon/bi-hexagon | Hex.   | TX head | Square   | L1 | D1   | D2   | t   | Art. no.            | PU/Qty. |
| mm            | mm                 | Inch   | TX      | mm       | mm | mm   | mm   | mm  |                     |         |
| 4             | Size 4             | 5/32"  | E 5     | -        | 22 | 6.8  | 11.9 | 5   | <b>0713 113 04</b>  | 1       |
| 5             | Size 5             | -      | -       | Size 4   | 22 | 8.1  | 11.9 | 5   | <b>0713 113 05</b>  | 1       |
| 5.5           | Size 5.5           | 7/32"  | -       | Size 4.5 | 22 | 8.7  | 11.9 | 5.5 | <b>0713 113 055</b> | 1       |
| 6             | Size 6             | -      | E 8     | Size 5   | 22 | 9.3  | 11.9 | 6   | <b>0713 113 06</b>  | 1       |
| 7             | Size 7             | 9/32"  | -       | -        | 22 | 10.8 | 11.9 | 6   | <b>0713 113 07</b>  | 1       |
| 8             | Size 8             | 5/16"  | E 10    | -        | 22 | 11.9 | 11.9 | 7   | <b>0713 113 08</b>  | 1       |
| 9             | Size 9             | 11/32" | -       | -        | 22 | 13.4 | 13.4 | 7   | <b>0713 113 09</b>  | 1       |
| 10            | Size 10            | 3/8"   | E 12    | Size 8   | 22 | 14.5 | 14.5 | 10  | <b>0713 113 10</b>  | 1       |
| 11            | Size 11            | 7/16"  | E 14    | Size 9   | 22 | 15.9 | 15.9 | 10  | <b>0713 113 11</b>  | 1       |
| 12            | Size 12            | 15/32" | E 16    | Size 10  | 22 | 16.9 | 16.9 | 10  | <b>0713 113 12</b>  | 1       |
| 13            | Size 13            | 1/2"   | -       | -        | 22 | 18.0 | 18.0 | 11  | <b>0713 113 13</b>  | 1       |
| 14            | Size 14            | 9/16"  | E 18    | -        | 22 | 19.6 | 19.6 | 11  | <b>0713 113 14</b>  | 1       |



**1/4" multi-socket wrench assortment  
33 pcs.**

**Art. no. 0965 11 032**

Supplied in a metal box and a high-quality foam insert with clamping effect.



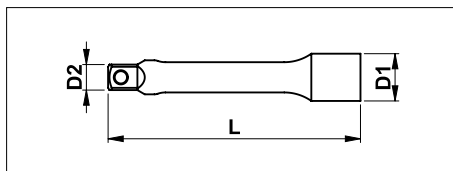
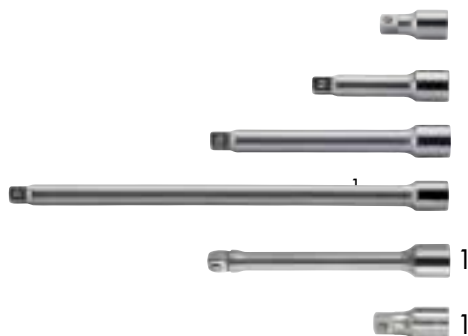
### Scope of delivery – 1/4" multi-socket wrench assortment

| Designation                                   | Tip | Length | Art. no.                         | PU/Qty.   |
|-----------------------------------------------|-----|--------|----------------------------------|-----------|
| Ratchet                                       |     | 138 mm | <b>0712 014 0</b>                | 1         |
| Extension                                     |     | 100 mm | <b>0713 118 104</b>              | 1         |
| Extension                                     |     | 150 mm | <b>0713 118 106</b>              | 1         |
| Cardan joint                                  |     | 33 mm  | <b>0713 118 301</b>              | 1         |
| Screwdriver handle                            |     | 216 mm | <b>0613 430 311</b>              | 1         |
| Adapter with quick-change chuck               |     | 30 mm  | <b>0715 11 01</b>                | 1         |
| 12 multi-socket wrenches 1 pc. each size 4-14 |     | 22 mm  | <b>0713 113 04 - 0713 113 14</b> | 1 of each |
| Bit PH 1                                      |     | 25 mm  | <b>0614 176 274</b>              | 1         |
| Bit PH 2                                      |     |        | <b>0614 176 461</b>              | 1         |
| Bit PH 3                                      |     |        | <b>0614 176 648</b>              | 1         |
| Bit slotted 0.8x5.5                           |     | 25 mm  | <b>0614 175 653</b>              | 1         |

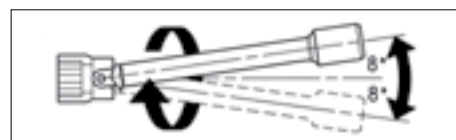
| Designation               | Tip | Length        | Art. no.           | PU/Qty. |
|---------------------------|-----|---------------|--------------------|---------|
| Hexagon socket bit Size 3 |     | 25 mm         | <b>0614 176 93</b> | 1       |
| Hexagon socket bit Size 4 |     | 25 mm         | <b>0614 176 94</b> | 1       |
| Hexagon socket bit Size 5 |     | 25 mm         | <b>0614 176 95</b> | 1       |
| Hexagon socket bit Size 6 |     | 25 mm         | <b>0614 176 96</b> | 1       |
| TX 10                     |     | 25 mm         | <b>0614 311 0</b>  | 1       |
| TX 15                     |     | 25 mm         | <b>0614 311 5</b>  | 1       |
| TX 20                     |     | 25 mm         | <b>0614 312 0</b>  | 1       |
| TX 25                     |     | 25 mm         | <b>0614 312 5</b>  | 1       |
| TX 27                     |     | 25 mm         | <b>0614 312 7</b>  | 1       |
| TX 30                     |     | 25 mm         | <b>0614 3130</b>   | 1       |
| TX 40                     |     | 25 mm         | <b>0614 314 0</b>  | 1       |
| Metal box, size 1         |     | 225x125x35 mm | <b>0955 715 1</b>  | 1       |
| Foam insert               |     | 220x105x30 mm | <b>0955 11 32</b>  | 1       |



## 3/8" EXTENSIONS BAR



- Norm: DIN 3123, ISO 3316
- Finish: chrome-plated
- Input drive: 3/8"
- Output drive: 3/8"



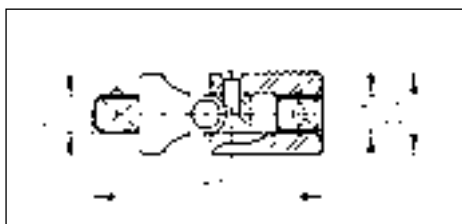
<sup>1</sup> Flex extension bar:

Swivelling angle up to 8°

- Permits working in tight spaces.

| D1<br>in mm | D2<br>in mm | L<br>in mm | L      | Art. No.            | P.<br>Qty. |
|-------------|-------------|------------|--------|---------------------|------------|
| 17.5        | 12          | 38         | 1 1/2" | <b>0713 118 101</b> | 1/10       |
| 17.5        | 12          | 75         | 3"     | <b>0713 118 103</b> | 1/10       |
| 17.5        | 12          | 125        | 5"     | <b>0713 118 105</b> | 1/10       |
| 17.5        | 12          | 250        | 10"    | <b>0713 118 110</b> | 1/10       |
| 18          | 12          | 125        | 5"     | <b>0713 118 40</b>  | 1          |

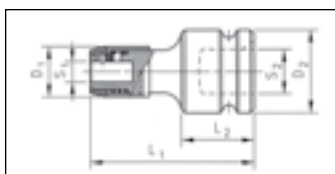
## 3/8" UNIVERSAL JOINT



- Standard: DIN 3123, ISO 3316
  - Finish: chrome-plated
  - Input drive: 3/8", ball groove
  - Output drive: 3/8"
- Joint: spring-loaded:
- stays in set position

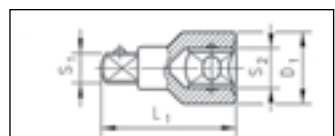
| S1   | S2   | D1<br>in mm | L1<br>in mm | Art. No.            | P.<br>Qty. |
|------|------|-------------|-------------|---------------------|------------|
| 3/8" | 3/8" | 17.5        | 55          | <b>0713 118 301</b> | 1/20       |

## 3/8" ADAPTER WITH QUICK-CHANGE CHUCK



- Input drive: square socket according to DIN 3121 for use with a ratchet or square drive
- With hole for safety pin and O-ring groove
- Output drive: hex socket 1/4", according to DIN 3126
- Application: universal holder for 1/4" bits

| S1   | S2   | L1<br>in mm | L2<br>in mm | D2<br>in mm | D2<br>in mm | Art. No.          | P.<br>Qty. |
|------|------|-------------|-------------|-------------|-------------|-------------------|------------|
| 1/4" | 1/4" | 30          | 11          | 13          | 14          | <b>0715 11 01</b> | 1          |



| S1   | S2   | D1<br>in mm | L1<br>in mm | Art. No.            | P.<br>Qty. |
|------|------|-------------|-------------|---------------------|------------|
| 1/4" | 3/8" | 17          | 27          | <b>0713 128 401</b> | 1          |
| 1/2" | 3/8" | 20          | 36          | <b>0713 128 402</b> | 1          |

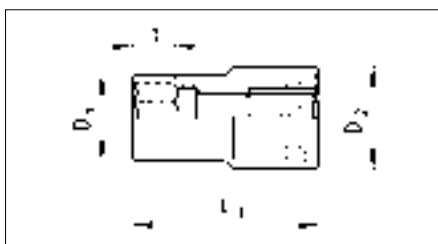


### Connecting Piece

- Standard: DIN 3123, ISO 3316
  - Finish: chrome-plated
  - Input drive: female square 3/8"
  - Output drive: male square 1/2" or 1/4"
- Application: adapter for 1/4" or 1/2" socket bits



## 3/8" HEXAGON SOCKETS, METRIC



Metric, hexagon

- Standard: DIN 3124, ISO 2725
- Finish: chrome-plated, polished / matt
- Input drive: 3/8", ball groove
- Output drive: hexagon, metric, Powerdriv
- Type: short



| mm | L1 mm | D1 mm | D2 mm | t mm | Art.-No.            | VE/St. |
|----|-------|-------|-------|------|---------------------|--------|
| 6  | 27    | 9,4   | 17,7  | 7    | <b>0713 121 106</b> | 1/10   |
| 7  | 27    | 11,0  | 17,7  | 7    | <b>0713 121 107</b> | 1/10   |
| 8  | 27    | 12,2  | 17,7  | 8    | <b>0713 121 108</b> | 1/10   |
| 9  | 27    | 13,5  | 17,7  | 9    | <b>0713 121 109</b> | 1/10   |
| 10 | 27    | 14,7  | 17,7  | 9    | <b>0713 121 110</b> | 1/10   |
| 11 | 27    | 16,0  | 17,7  | 10   | <b>0713 121 111</b> | 1/10   |
| 12 | 27    | 17,2  | 17,7  | 11   | <b>0713 121 112</b> | 1/10   |
| 13 | 30    | 18,5  | 17,7  | 11   | <b>0713 121 113</b> | 1/10   |
| 14 | 30    | 19,7  | 18,0  | 13   | <b>0713 121 114</b> | 1/10   |
| 15 | 30    | 21,0  | 19,0  | 13   | <b>0713 121 115</b> | 1/10   |
| 16 | 30    | 22,2  | 20,0  | 13   | <b>0713 121 116</b> | 1/10   |
| 17 | 30    | 23,5  | 21,0  | 13   | <b>0713 121 117</b> | 1/10   |
| 18 | 33    | 24,7  | 21,5  | 14   | <b>0713 121 118</b> | 1/10   |
| 19 | 33    | 26,0  | 22,5  | 14   | <b>0713 121 119</b> | 1/10   |
| 20 | 33    | 27,2  | 23,5  | 14   | <b>0713 121 120</b> | 1/10   |
| 21 | 33    | 28,5  | 25,0  | 14   | <b>0713 121 121</b> | 1/10   |
| 22 | 33    | 29,7  | 26,0  | 16   | <b>0713 121 122</b> | 1/10   |

## 3/8" HEXAGON SOCKETS, IMPERIAL

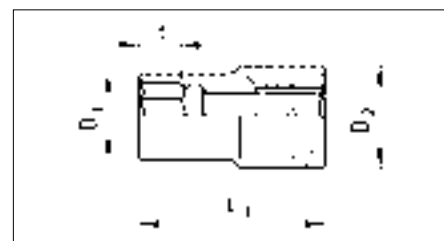


inch

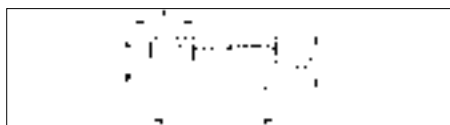
- Finish: chrome-plated, polished / matt
- Input drive: 3/8", ball groove
- Output drive: hexagon, Inch, Powerdriv®
- Type: short



| inch  | L1 mm | D1 mm | D2 mm | t mm | Art.-No.            | P.Qty |
|-------|-------|-------|-------|------|---------------------|-------|
| 1/4   | 25,5  | 10,0  | 17,0  | 7    | <b>0713 121 201</b> | 1/10  |
| 9/32  | 25,5  | 10,9  | 17,0  | 8    | <b>0713 121 202</b> | 1/10  |
| 5/16  | 25,5  | 11,8  | 17,0  | 8    | <b>0713 121 203</b> | 1/10  |
| 11/32 | 25,5  | 13,0  | 17,0  | 8    | <b>0713 121 204</b> | 1/10  |
| 3/8   | 25,5  | 14,3  | 17,0  | 8    | <b>0713 121 205</b> | 1/10  |
| 7/16  | 25,5  | 16,0  | 17,0  | 8    | <b>0713 121 206</b> | 1/10  |
| 1/2   | 25,5  | 18,4  | 17,0  | 9    | <b>0713 121 207</b> | 1/10  |
| 9/16  | 27    | 20,0  | 18,0  | 14   | <b>0713 121 208</b> | 1/10  |
| 19/32 | 27    | 20,9  | 19,0  | 14   | <b>0713 121 209</b> | 1/10  |
| 5/8   | 27    | 22,0  | 20,0  | 14   | <b>0713 121 210</b> | 1/10  |
| 11/16 | 27    | 23,9  | 21,0  | 14   | <b>0713 121 211</b> | 1/10  |
| 3/4   | 29    | 25,6  | 22,5  | 15   | <b>0713 121 212</b> | 1/10  |
| 25/32 | 29    | 27,1  | 23,5  | 15   | <b>0713 121 213</b> | 1/10  |
| 13/16 | 29    | 27,9  | 24,5  | 15   | <b>0713 121 214</b> | 1/10  |
| 7/8   | 31    | 30,0  | 26,0  | 17   | <b>0713 121 215</b> | 1/10  |



## 3/8" HEXAGON SOCKETS, METRIC, LONG



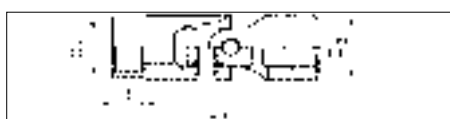
### Metric, long

- Finish: chrome-plated, polished / matt
- Input drive: 3/8", ball groove
- Output drive: hexagon, Metric, Powerdriv®
- Type: long
- Application: screwed connections on stud bolts, threaded rods



| mm | L <sub>1</sub><br>mm | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | t<br>mm | Art.-No.     | P.Qty |
|----|----------------------|----------------------|----------------------|---------|--------------|-------|
| 7  | 64                   | 10,9                 | 16,7                 | 13,0    | 0713 122 107 | 1     |
| 8  | 64                   | 11,8                 | 16,7                 | 15,0    | 0713 122 108 | 1     |
| 9  | 64                   | 13,4                 | 16,7                 | 16,0    | 0713 122 109 | 1     |
| 10 | 64                   | 14,6                 | 16,7                 | 25,5    | 0713 122 110 | 1     |
| 11 | 64                   | 15,9                 | 16,7                 | 25,5    | 0713 122 111 | 1     |
| 12 | 64                   | 16,7                 | 16,7                 | 25,5    | 0713 122 112 | 1     |
| 13 | 64                   | 18,2                 | 18,2                 | 25,5    | 0713 122 113 | 1     |
| 14 | 64                   | 19,5                 | 19,5                 | 25,5    | 0713 122 114 | 1     |
| 15 | 64                   | 20,7                 | 20,7                 | 25,5    | 0713 122 115 | 1     |
| 16 | 64                   | 21,7                 | 21,7                 | 25,5    | 0713 122 116 | 1     |
| 17 | 64                   | 23,3                 | 23,3                 | 25,5    | 0713 122 117 | 1     |
| 18 | 64                   | 23,8                 | 23,8                 | 25,5    | 0713 122 118 | 1     |
| 19 | 64                   | 25,4                 | 23,5                 | 25,5    | 0713 122 119 | 1     |
| 20 | 64                   | 27,1                 | 25,5                 | 25,5    | 0713 122 120 | 1     |
| 21 | 64                   | 27,8                 | 26,0                 | 25,5    | 0713 122 121 | 1     |
| 22 | 64                   | 29,6                 | 27,0                 | 25,5    | 0713 122 122 | 1     |

## 3/8" UNIVERSAL JOINT SOCKETS



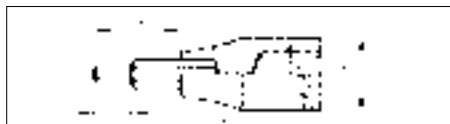
- Finish: chrome-plated, polished
- Input drive: 3/8", ball groove
- Output drive: hexagon, Metric, Powerdriv®
- Type: short
- Application: difficult to reach places

1 Especially suitable for glow plugs



| mm      | L <sub>1</sub><br>mm | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | t<br>mm | Art.-No.    | P.Qty |
|---------|----------------------|----------------------|----------------------|---------|-------------|-------|
| 10      | 48,5                 | 14,5                 | 19                   | 8,8     | 0713 121 10 | 1     |
| 11      | 49,5                 | 15,8                 | 19                   | 9,8     | 0713 121 11 | 1     |
| 12      | 50,0                 | 17,0                 | 19                   | 10,3    | 0713 121 12 | 1     |
| 13      | 51,0                 | 18,3                 | 19                   | 11,3    | 0713 121 13 | 1     |
| 14      | 51,0                 | 19,3                 | 19                   | 11,3    | 0713 121 14 | 1     |
| 15      | 53,5                 | 20,8                 | 19                   | 12,8    | 0713 121 15 | 1     |
| 16      | 53,5                 | 22,0                 | 19                   | 12,8    | 0713 121 16 | 1     |
| 17      | 54,5                 | 23,3                 | 19                   | 13,8    | 0713 121 17 | 1     |
| 18      | 54,5                 | 24,5                 | 19                   | 13,8    | 0713 121 18 | 1     |
| 19      | 56,5                 | 25,8                 | 19                   | 15,8    | 0713 121 19 | 1     |
| 20,8/21 | 59,0                 | 28,3                 | 19                   | 17,3    | 0713 121 21 | 1     |

## 3/8" SCREWDRIVER INSERT HEXAGON

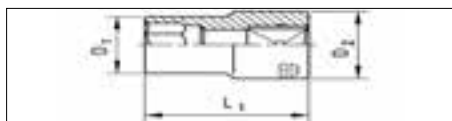


### 6-edge

- Finish: chrome-plated, polished / matt
- Input drive: 3/8", ball groove
- Output drive: internal hexagon, metric DIN 7422
- Type: short

| mm | L <sub>1</sub><br>mm | L <sub>2</sub><br>mm | L <sub>3</sub><br>mm | D <sub>1</sub><br>mm | Art.-No.    | P.Qty |
|----|----------------------|----------------------|----------------------|----------------------|-------------|-------|
| 3  | 50,5                 | 20,5                 | 11,0                 | 19                   | 0715 127 03 | 1     |
| 4  | 50,5                 | 20,5                 | 11,0                 | 19                   | 0715 127 04 | 1     |
| 5  | 50,5                 | 20,5                 | 11,0                 | 19                   | 0715 127 05 | 1     |
| 6  | 50,5                 | 20,5                 | 11,0                 | 19                   | 0715 127 06 | 1     |
| 7  | 50,5                 | 20,5                 | 10,5                 | 19                   | 0715 127 07 | 1     |
| 8  | 50,5                 | 20,5                 | -                    | 19                   | 0715 127 08 | 1     |
| 9  | 50,5                 | 20,5                 | 13,5                 | 19                   | 0715 127 09 | 1     |
| 10 | 50,5                 | 20,5                 | -                    | 19                   | 0715 127 10 | 1     |

## 3/8" SOCKETS FOR OUTER TX SCREWS



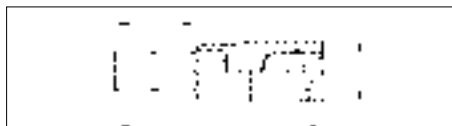
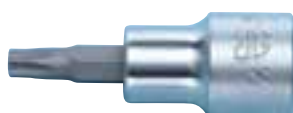
|    | mm    | L <sub>1</sub><br>mm | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | Art.-No.                        | P.Qty |
|----|-------|----------------------|----------------------|----------------------|---------------------------------|-------|
| 5  | 4,75  | 26                   | 7,0                  | 17                   | <b>0715 122 05</b>              | 1     |
| 6  | 5,74  | 26                   | 7,7                  | 17                   | <b>0715 122 06</b>              | 1     |
| 7  | 6,22  | 26                   | 8,3                  | 17                   | <b>0715 122 07</b>              | 1     |
| 8  | 7,52  | 26                   | 10,2                 | 17                   | <b>0715 122 08</b>              | 1     |
| 10 | 9,42  | 26                   | 12,3                 | 17                   | <b>0715 122 10</b>              | 1     |
| 11 | 10,08 | 26                   | 13,3                 | 17                   | <b>0715 122 11</b>              | 1     |
| 12 | 11,17 | 26                   | 14,3                 | 17                   | <b>0715 122 12</b>              | 1     |
| 14 | 12,90 | 26                   | 15,8                 | 17                   | <b>0715 122 14</b>              | 1     |
| 8  | 7,52  | 55                   | 9,9                  | 17                   | <b>0715 122 081<sup>1</sup></b> | 1     |

<sup>1</sup> Geometrie: lang

For external T-bolts

- Finish: chrome-plated, polished / matt
- Input drive: 3/8", ball groove
- Output drive: outer TX
- Type : short
- <sup>1</sup> Type : short

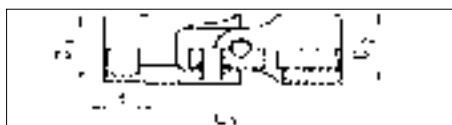
## 3/8" SCREWDRIVER INSERTS



|    | mm   | L <sub>1</sub><br>mm | L <sub>2</sub><br>mm | D <sub>2</sub><br>mm | Art.-No.           | P.Qty |
|----|------|----------------------|----------------------|----------------------|--------------------|-------|
| 15 | 3,26 | 50,5                 | 20,5                 | 19                   | <b>0715 123 15</b> | 1     |
| 20 | 3,84 | 50,5                 | 20,5                 | 19                   | <b>0715 123 20</b> | 1     |
| 25 | 4,40 | 50,5                 | 20,5                 | 19                   | <b>0715 123 25</b> | 1     |
| 27 | 4,96 | 50,5                 | 20,5                 | 19                   | <b>0715 123 27</b> | 1     |
| 30 | 5,49 | 50,5                 | 20,5                 | 19                   | <b>0715 123 30</b> | 1     |
| 40 | 6,66 | 50,5                 | 20,5                 | 19                   | <b>0715 123 40</b> | 1     |
| 45 | 7,77 | 50,5                 | 20,5                 | 19                   | <b>0715 123 45</b> | 1     |
| 50 | 8,79 | 50,5                 | 20,5                 | 19                   | <b>0715 123 50</b> | 1     |

- Finish: chrome-plated, polished / matt
- Input drive: 3/8", ball groove
- Output drive: inner TX
- Type : short

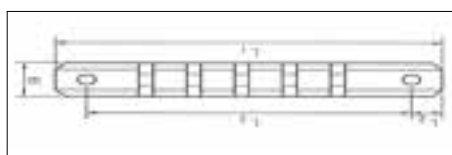
## 3/8" UNIVERSAL JOINT



|    | L <sub>1</sub><br>mm | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | t<br>mm | Art.-No.           | P.Qty |
|----|----------------------|----------------------|----------------------|---------|--------------------|-------|
| 8  | 46,0                 | 9,9                  | 19                   | 6,6     | <b>0715 126 08</b> | 1     |
| 10 | 47,0                 | 11,8                 | 19                   | 7,4     | <b>0715 126 10</b> | 1     |
| 12 | 48,5                 | 14,5                 | 19                   | 9,0     | <b>0715 126 12</b> | 1     |
| 14 | 49,0                 | 15,7                 | 19                   | 9,8     | <b>0715 126 14</b> | 1     |

- Finish: chrome-plated, polished
- Input drive: 3/8", ball groove
- Output drive: outer TX
- Type : short

## 3/8"-TERMINAL



| L <sub>1</sub><br>mm | L <sub>2</sub><br>mm | L <sub>3</sub><br>mm | B<br>mm | D<br>mm | Art.-No.           | P.Qty |
|----------------------|----------------------|----------------------|---------|---------|--------------------|-------|
| 430                  | 13                   | 407                  | 20      | 5.5     | <b>0715 121 01</b> | 1     |

- Finish: high-gloss chrome-plated, with mounting hole
- Application: 16 clamps for easy storage of 3/8"- sockets

## 3/8" SOCKET WRENCH ASSORTMENT



**Hard foam with clamping effect**  
**Art. No. 0955 12 160**

**Metal box, 315x115x40 mm,  
Size 2**  
**Art. No. 0955 715 2**

**Includes: 16 pieces**  
1 reversible ratchet  
1 extension, 125 mm  
1 extension, 250 mm  
1 cardan joint  
12 socket wrench inserts  
Size 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19

**Art. No. 0965 12 160**



**Hard foam with clamping effect**  
**Art. No. 0955 12 190**

**Metal box, 315x115x40 mm,  
Size 2**  
**Art. No. 0955 715 2**

**Includes: 19 pieces**  
1 reversible ratchet, 1 extension, 75 mm  
1 cardan joint  
8 socket wrench inserts E5, 6, 7, 8, 10, 11, 12, 14  
8 screwdriver inserts T15, 20, 25, 27, 30, 40, 45, 50

**Art. No. 0965 12 190**



**Hard foam with clamping effect**  
**Art. No. 0955 12 19**

**Metal box, 315x115x40 mm,  
Size 2**  
**Art. No. 0955 715 2**

**Includes: 19 pieces**  
1 reversible ratchet, 1 extension, 125 mm  
1 extension, 250 mm, 1 cardan joint  
15 socket wrench inserts, inch,  
1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2;  
9/16; 19/32; 5/8; 11/16; 3/4; 25/32;  
13/16; 7/8

**Art. No. 0965 12 19**

## 3/8" SOCKET WRENCH ASSORTMENT



**Hard foam with clamping effect**  
**Art. no. 0955 12 34**  
**Metal box 405x160x50 mm, size 3**  
**Art. no. 0955 715 3**

Contents: 34 parts  
 1 ratchet,  
 1 extension 75 mm,  
 1 extension 250 mm,  
 1 cardan joint,  
 14 socket wrench inserts size 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22;  
 8 socket wrench inserts E 5, 6, 7, 8, 10, 11, 12, 14  
 8 socket wrench inserts TX 15, 20, 25, 27, 30, 40, 45, 50

**Art. no. 0965 12 34**



**Hard foam with clamping effect**  
**Art. no. 0955 12 42**  
**Metal box 405x160x50 mm, size 3**  
**Art. no. 0955 715 3**

Contents: 42 parts  
 1 ratchet,  
 1 extension 75 mm,  
 1 extension 250 mm,  
 1 cardan joint,  
 14 socket wrench inserts size 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22;  
 8 socket wrench inserts E 5, 6, 7, 8, 10, 11, 12, 14  
 8 socket wrench inserts TX 15, 20, 25, 27, 30, 40, 45, 50;  
 8 socket wrench inserts long size 8, 10, 13, 16, 17, 18, 19, 21

**Art. no. 0965 12 42**

## 3/8" SOCKET WRENCH ASSORTMENT



WÜRTH-Reversible ratchet



red dot design award  
 honourable mention 2011



**With lever reversal**

**Compact basic assortment with the wrench sizes 6–19 mm**

Hard foam with clamping effect, Art. No. 0955 038 19

Metal box, 315 x 115 x 40 mm, Size 2, Art. No. 0955 715 2

**Contents: 19 pieces**

1 lever ratchet, 1 angled extension, 38 mm  
 1 extension, 125 mm, 1 extension, 250 mm  
 1 Cardan joint,  
 14 socket wrench inserts, sizes:  
 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm

**Art. No. 0965 038 19**

P. Qty. 1



## 3/8"-MULTI SOCKET



- Finish: chrome-plated, polished
- Drive: square socket 3/8 "
- Output: 12 kt., Multiprofile
- Geometry: short

|     |        |        |     |       | L1   | D1   | D2   | t    | Art.-No.            | P.Qty |
|-----|--------|--------|-----|-------|------|------|------|------|---------------------|-------|
| mm  | mm     | inch   | TX  | mm    | mm   | mm   | mm   | mm   |                     |       |
| 6   | SW 6   | -      | E8  | SW 5  | 25,5 | 9,3  | 17,0 | 7,0  | <b>0713 123 06</b>  | 1     |
| 6,3 | SW 6,3 | 1/4"   | -   | -     | 25,5 | 9,9  | 17,0 | 7,0  | <b>0713 123 063</b> | 1     |
| 7   | SW 7   | 5/32"  | -   | -     | 25,5 | 10,9 | 17,0 | 7,0  | <b>0713 123 07</b>  | 1     |
| 8   | SW 8   | 3/16"  | E10 | -     | 25,5 | 11,8 | 17,0 | 8,0  | <b>0713 123 08</b>  | 1     |
| 9   | SW 9   | 11/32" | -   | -     | 25,5 | 13,4 | 17,0 | 8,0  | <b>0713 123 09</b>  | 1     |
| 10  | SW 10  | 3/8"   | E12 | SW 8  | 25,5 | 14,6 | 17,0 | 8,0  | <b>0713 123 10</b>  | 1     |
| 11  | SW 11  | 7/16"  | E14 | SW 9  | 25,5 | 15,9 | 17,0 | 8,0  | <b>0713 123 11</b>  | 1     |
| 12  | SW 12  | 15/32" | E16 | SW 10 | 25,5 | 17,0 | 17,0 | 8,5  | <b>0713 123 12</b>  | 1     |
| 13  | SW 13  | 1/2"   | -   | -     | 25,5 | 18,4 | 17,0 | 8,5  | <b>0713 123 13</b>  | 1     |
| 14  | SW 14  | 5/16"  | E18 | -     | 27,0 | 19,6 | 18,0 | 13,0 | <b>0713 123 14</b>  | 1     |
| 15  | SW 15  | 11/32" | -   | SW 12 | 27,0 | 20,9 | 19,0 | 13,0 | <b>0713 123 15</b>  | 1     |
| 16  | SW 16  | 3/8"   | E20 | SW 13 | 27,0 | 22,0 | 20,0 | 13,0 | <b>0713 123 16</b>  | 1     |
| 17  | SW 17  | -      | -   | SW 14 | 27,0 | 23,4 | 21,0 | 13,0 | <b>0713 123 17</b>  | 1     |
| 18  | SW 18  | -      | E22 | -     | 27,0 | 24,5 | 21,5 | 13,0 | <b>0713 123 18</b>  | 1     |
| 19  | SW 19  | 3/4"   | E24 | -     | 29,0 | 25,6 | 22,5 | 14,0 | <b>0713 123 19</b>  | 1     |
| 20  | SW 20  | 25/32" | -   | SW 16 | 29,0 | 26,8 | 23,5 | 14,0 | <b>0713 123 20</b>  | 1     |
| 21  | SW 21  | 13/16" | E26 | SW 17 | 29,0 | 27,9 | 24,5 | 14,0 | <b>0713 123 21</b>  | 1     |
| 22  | SW 22  | 7/8"   | E28 | SW 18 | 31,0 | 29,6 | 26,0 | 16,0 | <b>0713 123 22</b>  | 1     |



### 3/8" Multi-Socket Spanner Assortment 22-Piece

Art.-No. 0965 12 022



Supplied in a metal box and a high-quality foam insert with clamping effect.

### Scope of delivery - 3/8 "multi-socket key range

| Designation     | output | length | Art.-No.            | P.Qty |
|-----------------|--------|--------|---------------------|-------|
| Ratchet         |        | 175 mm | <b>0712 038 0</b>   | 1     |
| Renewal         |        | 125 mm | <b>0713 128 105</b> | 1     |
| Renewal         |        | 250 mm | <b>0713 128 110</b> | 1     |
| Universal joint |        | 55 mm  | <b>0713 128 301</b> | 1     |

| Designation                                   | Bit | Length        | Art.-No.                                   | P.Qty |
|-----------------------------------------------|-----|---------------|--------------------------------------------|-------|
| 18 P. Multi-socket spanner, 1 P. each 6-22 mm |     | 25,5-31 mm    | <b>0713 123 06-1</b><br><b>0713 123 22</b> | 1     |
| Metal box                                     |     | 315x115x40 mm | <b>0955 715 2</b>                          | 1     |
| Foam insert                                   |     | 312x113x34 mm | <b>0955 12 022</b>                         | 1     |



### 3/8" socket spanner set

| Set      | Hexagonal multi-profile, including clamping strip                         | Art. No.          | P. Qty. |
|----------|---------------------------------------------------------------------------|-------------------|---------|
| <br>pcs. | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm<br>+ 1/2" on 3/8" adapter | <b>0713 124 0</b> | 1       |



## CARRACA WÜRTH 1/2 "DUST-PROOF



| Art. No.    | P.Qty. |
|-------------|--------|
| 0712 012 03 | 1      |

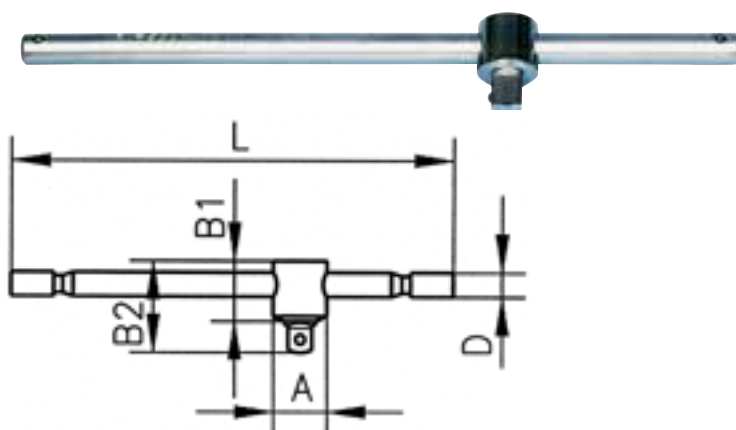
### Full body ratchet

When tightening, it is possible to press the head of the ratchet without changing the direction of rotation accidentally.

**Protected ratchet dustproof for long life even in difficult working conditions.**

- Output: 12.5 - 1/2 ".
- Standard: DIN 3122, ISO 3315
- Selection of rotation by turning the lever to the right and left.
- Geometry: ergonomic elbow lever for more space and freedom of work.
- Square drive: Value of torque above DIN standards, approximately 30% higher in maximum load values.
- Low profile head: lower height compared to traditional rattles.
- Anti-slip handle resistant to chemicals (fuel, biodiesel, brake cleaner, parts cleaners, etc.).

## 1/2-INCH T-HANDLE

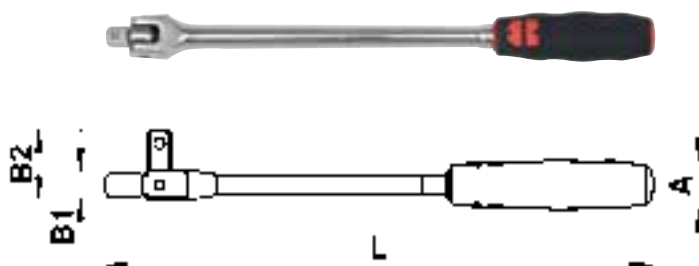


**Sliding handle with ball lock can be used as a T or an L-handle.**

- Standard: DIN 3122, ISO 3315
- Design: Chromium-plated

| Art. No.         | 0712 130 201 |
|------------------|--------------|
| P. Qty.          | 1/10         |
| Tip size         | 1/2 inch     |
| Length (L)       | 295 mm       |
| Head height (B1) | 25 mm        |

## 1/2-INCH MULTI-ANGLE RATCHET



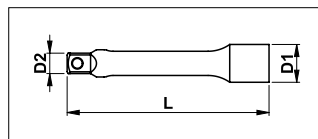
**Joint can be rotated through 180° and fixed in desired position, is therefore very well-suited to tightening powerfully in different positions.**

- Standard: DIN 3122, ISO 3315
- Design: Chromium-plated

|          |          |
|----------|----------|
| Tip size | 1/2 inch |
|----------|----------|

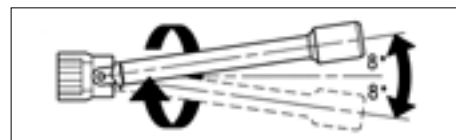
| Art. No.            | 0712 130 102 |
|---------------------|--------------|
| P. Qty.             | 1            |
| Length (L)          | 490 mm       |
| Handle diameter (A) | 35 mm        |
| Width of head (B1)  | 20 mm        |

## 1/2"-RENEWALS



| D1 | D2   | L mm | L inch | Art.-No.                        | P/Qty. |
|----|------|------|--------|---------------------------------|--------|
| 23 | 15   | 75   | 3"     | <b>0712 138 103</b>             | 1      |
| 23 | 15   | 125  | 5"     | <b>0712 138 105</b>             |        |
| 23 | 15   | 250  | 10"    | <b>0712 138 110</b>             |        |
| 23 | 17   | 457  | 18"    | <b>0712 138 118</b>             |        |
| 23 | 15,5 | 75   | 3"     | <b>0715 13 40<sup>1</sup></b>   |        |
| 23 | 15,5 | 150  | 6"     | <b>0715 13 41<sup>1</sup></b>   |        |
| 24 | 17   | 50   | 2"     | <b>0712 138 100<sup>1</sup></b> |        |

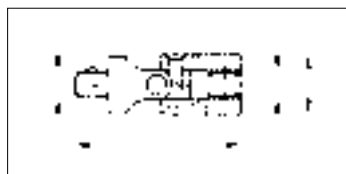
- Standard: DIN 3123, ISO 3316
- Finish: chrome plated
- Drive: 1/2", bullet trap groove
- Downforce: 1/2"



<sup>1</sup> angle extension

- Application:  
Angular movement up to 8 ° possible
- Work in hard to reach places

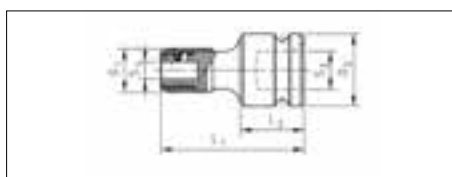
## 1/2"- UNIVERSAL JOINT



| S1   | S2   | D1 mm | L1 mm | Art.-No.            | P/Qty. |
|------|------|-------|-------|---------------------|--------|
| 1/2" | 1/2" | 25    | 70    | <b>0712 138 301</b> | 1/10   |

- Standard: DIN 3123, ISO 3316
- Finish: chrome plated
- Drive: 1/2", bullet trap groove
- Downforce: 1/2"
- Joint: braked
- Remains in the specified position

## 1/2"- ADAPTER WITH QUICK-CHANGE CHUCK

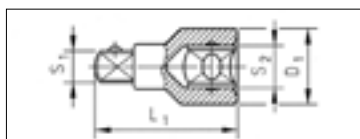


| S1    | S2   | L1 mm | L2 mm | D1 mm | D2 mm | Art.-No.          | P/Qty. |
|-------|------|-------|-------|-------|-------|-------------------|--------|
| 1/4"  | 1/2" | 50    | 22    | 15    | 25    | <b>0715 13 01</b> | 1      |
| 5/16" |      |       |       | 20    |       | <b>0715 13 02</b> |        |

- Drive: inside square DIN 3121 for use with ratchet or other square drive
- With hole for locking pin and O-ring groove
- Output: hexagon socket 1/4 „or 5/16“, DIN 3126
- Application: universal recording of 1/4" bits or 5/16" bits



## ADAPTER



| S1   | S2   | D1 mm | L1 mm | Art.-No.           | P/Qty. |
|------|------|-------|-------|--------------------|--------|
| 3/8" | 1/2" | 23    | 38    | <b>0715 13 01</b>  | 1      |
| 3/4" |      | 25    | 44    | <b>0715 13 02</b>  |        |
| 3/8" |      | 25    | 600   | <b>0715 15 171</b> |        |

- Standard: DIN 3123, ISO 3316
- Version: chromed, polished.
- 1/2" inlet with fixing ball slot.
- Output: 3/8", 3/4" with fixing ball.

## 1/2"- SOCKETS

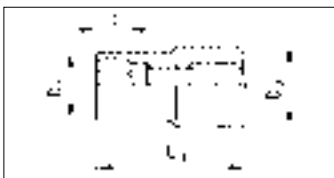


### Metric, hex

- Standard: DIN 3124, ISO 2725
- Version: chrome-plated, ground / matt
- Drive: 1/2 ", bullet trap groove
- Downforce: 6-kt., Metric, Powerdriv®
- Geometry: short



| mm | L <sub>1</sub><br>mm | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | t<br>mm | Art.-No.     | P/Qty. |
|----|----------------------|----------------------|----------------------|---------|--------------|--------|
| 8  | 36                   | 13,0                 | 23,0                 | 8,0     | 0712 131 108 | 1/10   |
| 9  | 36                   | 14,2                 | 23,0                 | 9,0     | 0712 131 109 | 1/10   |
| 10 | 36                   | 15,5                 | 23,0                 | 9,0     | 0712 131 110 | 1/10   |
| 11 | 36                   | 16,7                 | 23,0                 | 10,0    | 0712 131 111 | 1/10   |
| 12 | 36                   | 18,0                 | 23,0                 | 11,0    | 0712 131 112 | 1/10   |
| 13 | 36                   | 19,2                 | 23,0                 | 11,0    | 0712 131 113 | 1/10   |
| 14 | 36                   | 20,5                 | 23,0                 | 13,0    | 0712 131 114 | 1/10   |
| 15 | 36                   | 21,7                 | 22,0                 | 13,0    | 0712 131 115 | 1/10   |
| 16 | 36                   | 23,0                 | 23,2                 | 13,0    | 0712 131 116 | 1/10   |
| 17 | 36                   | 24,2                 | 23,2                 | 13,0    | 0712 131 117 | 1/10   |
| 18 | 36                   | 25,5                 | 23,5                 | 14,0    | 0712 131 118 | 1/10   |
| 19 | 36                   | 26,7                 | 24,7                 | 14,0    | 0712 131 119 | 1/10   |
| 20 | 36                   | 28,0                 | 25,5                 | 14,0    | 0712 131 120 | 1/10   |
| 21 | 38                   | 29,2                 | 26,0                 | 14,0    | 0712 131 121 | 1/10   |
| 22 | 38                   | 30,5                 | 26,5                 | 16,0    | 0712 131 122 | 1/10   |
| 23 | 38                   | 31,7                 | 27,7                 | 16,0    | 0712 131 123 | 1/10   |
| 24 | 38                   | 33,0                 | 29,0                 | 18,0    | 0712 131 124 | 1/10   |
| 25 | 38                   | 34,0                 | 30,0                 | 18,0    | 0712 131 125 | 1/10   |
| 26 | 38                   | 35,5                 | 31,5                 | 18,0    | 0712 131 126 | 1/10   |
| 27 | 44                   | 36,7                 | 32,2                 | 20,0    | 0712 131 127 | 1/10   |
| 28 | 44                   | 38,0                 | 33,5                 | 20,0    | 0712 131 128 | 1/10   |
| 30 | 44                   | 40,5                 | 36,0                 | 22,0    | 0712 131 130 | 1/10   |
| 32 | 44                   | 43,0                 | 38,1                 | 24,0    | 0712 131 132 | 1/10   |
| 34 | 47                   | 45,5                 | 40,0                 | 25,0    | 0712 131 134 | 1/10   |
| 36 | 50                   | 48,0                 | 42,0                 | 28,5    | 0712 131 136 | 1/10   |



### Metric, 12-edge

- Standard: DIN 3124, ISO 2725
- Version: chrome-plated, ground / matt
- Drive: 1/2 ", bullet trap groove
- Downforce: 12 kt, metric, Powerdriv®
- Geometry: short



| mm | L <sub>1</sub><br>mm | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | t<br>mm | Art.-Nr.     | VE/St. |
|----|----------------------|----------------------|----------------------|---------|--------------|--------|
| 8  | 36                   | 12,9                 | 21,9                 | 7,0     | 0712 133 108 | 1/10   |
| 9  | 36                   | 14,0                 | 21,9                 | 8,0     | 0712 133 109 | 1/10   |
| 10 | 36                   | 15,4                 | 21,9                 | 10,0    | 0712 133 110 | 1/10   |
| 11 | 36                   | 16,6                 | 21,9                 | 10,0    | 0712 133 111 | 1/10   |
| 12 | 36                   | 17,9                 | 21,9                 | 10,0    | 0712 133 112 | 1/10   |
| 13 | 36                   | 19,1                 | 21,9                 | 11,0    | 0712 133 113 | 1/10   |
| 14 | 36                   | 20,4                 | 21,9                 | 11,0    | 0712 133 114 | 1/10   |
| 15 | 36                   | 21,0                 | 21,9                 | 11,0    | 0712 133 115 | 1/10   |
| 16 | 36                   | 22,5                 | 21,9                 | 11,0    | 0712 133 116 | 1/10   |
| 17 | 36                   | 24,0                 | 23,2                 | 11,0    | 0712 133 117 | 1/10   |
| 18 | 36                   | 25,4                 | 23,5                 | 16,0    | 0712 133 118 | 1/10   |
| 19 | 36                   | 26,5                 | 24,7                 | 16,0    | 0712 133 119 | 1/10   |
| 20 | 36                   | 27,9                 | 25,5                 | 16,0    | 0712 133 120 | 1/10   |
| 21 | 38                   | 28,5                 | 26,0                 | 19,0    | 0712 133 121 | 1/10   |
| 22 | 38                   | 29,9                 | 26,5                 | 19,0    | 0712 133 122 | 1/10   |
| 23 | 38                   | 31,2                 | 27,7                 | 19,0    | 0712 133 123 | 1/10   |
| 24 | 38                   | 32,0                 | 29,0                 | 19,0    | 0712 133 124 | 1/10   |
| 26 | 38                   | 35,0                 | 31,5                 | 19,0    | 0712 133 126 | 1/10   |
| 27 | 44                   | 36,0                 | 32,2                 | 24,0    | 0712 133 127 | 1/10   |
| 28 | 44                   | 37,7                 | 33,5                 | 24,0    | 0712 133 128 | 1/10   |
| 30 | 44                   | 40,0                 | 36,0                 | 24,0    | 0712 133 130 | 1/10   |
| 32 | 44                   | 42,0                 | 38,1                 | 24,0    | 0712 133 132 | 1/10   |
| 34 | 47                   | 45,5                 | 40,0                 | 25,0    | 0712 133 134 | 1/10   |
| 36 | 50                   | 48,0                 | 42,0                 | 28,5    | 0712 133 136 | 1/10   |

## 1/2"-SOCKET INSERTS



### Metric, hexagonal, long

- Finish: chrome-plated, polished / matt
- Drive: 1/2", bullet trap groove
- Downforce: 6-kt., Metric, Powerdriv®
- Geometry: long



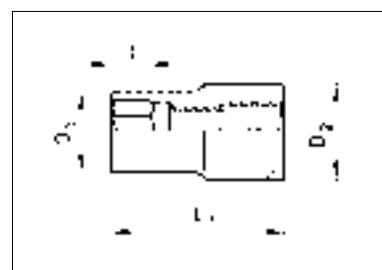
|  mm | L1 mm | D1 mm | D2 mm | t mm | Art.-No.            | P/Qty. |
|-------------------------------------------------------------------------------------|-------|-------|-------|------|---------------------|--------|
| 10                                                                                  | 77    | 15,4  | 21,8  | 25,0 | <b>0712 132 310</b> | 1/10   |
| 11                                                                                  | 77    | 16,6  | 21,8  | 25,0 | <b>0712 132 311</b> | 1/10   |
| 12                                                                                  | 77    | 17,9  | 21,8  | 25,0 | <b>0712 132 312</b> | 1/10   |
| 13                                                                                  | 77    | 19,1  | 21,8  | 25,0 | <b>0712 132 313</b> | 1/10   |
| 14                                                                                  | 77    | 20,4  | 21,8  | 25,0 | <b>0712 132 314</b> | 1/10   |
| 15                                                                                  | 77    | 21,6  | 21,6  | 35,5 | <b>0712 132 315</b> | 1/10   |
| 16                                                                                  | 77    | 22,6  | 22,6  | 35,5 | <b>0712 132 316</b> | 1/10   |
| 17                                                                                  | 77    | 24,1  | 24,1  | 35,5 | <b>0712 132 317</b> | 1/10   |
| 18                                                                                  | 77    | 25,4  | 25,4  | 35,5 | <b>0712 132 318</b> | 1/10   |
| 19                                                                                  | 77    | 26,5  | 26,5  | 35,5 | <b>0712 132 319</b> | 1/10   |
| 20                                                                                  | 77    | 27,8  | 27,8  | 35,5 | <b>0712 132 320</b> | 1/10   |
| 21                                                                                  | 77    | 28,2  | 28,2  | 35,5 | <b>0712 132 321</b> | 1/10   |
| 22                                                                                  | 77    | 29,7  | 29,7  | 35,5 | <b>0712 132 322</b> | 1/10   |
| 23                                                                                  | 77    | 31,2  | 27,0  | 35,5 | <b>0712 132 323</b> | 1/10   |
| 24                                                                                  | 77    | 31,7  | 27,0  | 35,5 | <b>0712 132 324</b> | 1/10   |
| 26                                                                                  | 77    | 35,4  | 33,0  | 35,5 | <b>0712 132 326</b> | 1/10   |
| 27                                                                                  | 77    | 35,7  | 33,0  | 35,5 | <b>0712 132 327</b> | 1/10   |
| 28                                                                                  | 77    | 37,6  | 33,0  | 35,5 | <b>0712 132 328</b> | 1/10   |

## SPARK PLUG 1/2"



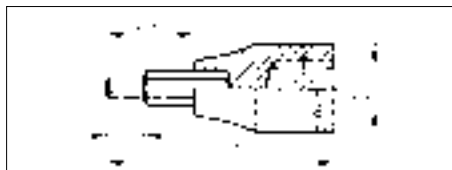
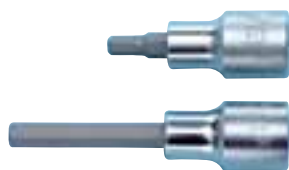
- With magnet; which facilitates the assembly and disassembly of the spark plugs, even in places of difficult access.
- Material: Chrome-Vanadium

| SW mm - in. | l mm | D1 mm | D2 mm | t mm | Art.-No.          | P/Qty. |
|-------------|------|-------|-------|------|-------------------|--------|
| 16,0 5/8    | 80   | 22    | 22    | 9    | <b>0715 51 47</b> | 1/10   |
| 18,0 11/16  | 80   | 25    | 25    | 9    | <b>0715 51 48</b> | 1/10   |
| 20,8 13/16  | 80   | 27    | 26    | 9    | <b>0715 51 49</b> | 1/10   |



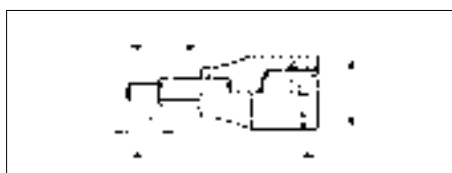


## 1/2"-SCREWDRIVER INSERTS



- Finish: chrome-plated, polished/ matt
- Drive: 1/2", bullet trap groove
- Downforce: Hexagon socket, metric, DIN 7422

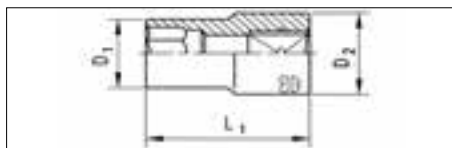
| mm | L <sub>1</sub><br>mm | L <sub>2</sub><br>mm | L <sub>3</sub><br>mm | D <sub>1</sub><br>mm | Art.-No.     | P/Qty. |
|----|----------------------|----------------------|----------------------|----------------------|--------------|--------|
| 4  | 60                   | 20                   | 6,0                  | 22,5                 | 0715 137 040 | 1/10   |
| 5  | 60                   | 20                   | 7,5                  | 22,5                 | 0715 137 051 | 1/10   |
| 5  | 180                  | 140                  | 7,5                  | 22,5                 | 0715 137 052 | 1/10   |
| 6  | 60                   | 20                   | 9,0                  | 22,5                 | 0715 137 060 | 1/10   |
| 6  | 90                   | 50                   | 9,0                  | 22,5                 | 0715 137 061 | 1/10   |
| 6  | 140                  | 100                  | 9,0                  | 22,5                 | 0715 137 062 | 1/10   |
| 7  | 60                   | 20                   | 10,5                 | 22,5                 | 0715 137 07  | 1/10   |
| 7  | 100                  | 60                   | 10,5                 | 22,5                 | 0715 137 072 | 1/10   |
| 8  | 60                   | 20                   | -                    | 22,5                 | 0715 137 080 | 1/10   |
| 8  | 90                   | 50                   | -                    | 22,5                 | 0715 137 081 | 1/10   |
| 8  | 140                  | 100                  | -                    | 22,5                 | 0715 137 082 | 1/10   |
| 9  | 60                   | 20                   | 13,5                 | 22,5                 | 0715 137 09  | 1/10   |
| 10 | 60                   | 20                   | -                    | 22,5                 | 0715 137 100 | 1/10   |
| 10 | 90                   | 50                   | -                    | 22,5                 | 0715 137 101 | 1/10   |
| 10 | 140                  | 100                  | -                    | 22,5                 | 0715 137 102 | 1/10   |
| 11 | 60                   | 20                   | -                    | 22,5                 | 0715 137 11  | 1/10   |
| 11 | 140                  | 100                  | -                    | 22,5                 | 0715 137 110 | 1/10   |
| 12 | 60                   | 20                   | -                    | 22,5                 | 0715 137 120 | 1/10   |
| 12 | 140                  | 100                  | -                    | 22,5                 | 0715 137 122 | 1/10   |
| 13 | 60                   | 20                   | -                    | 25,0                 | 0715 137 13  | 1/10   |
| 14 | 60                   | 20                   | -                    | 25,0                 | 0715 137 14  | 1/10   |
| 17 | 60                   | 20                   | -                    | 28,0                 | 0715 137 17  | 1/10   |
| 19 | 60                   | 20                   | -                    | 30,0                 | 0715 137 19  | 1/10   |



- Version: chrome-plated, polished/matt
- Drive: 1/2", bullet trap groove
- Output: hexagon socket, inch
- Geometry: short

| mm   | L <sub>1</sub><br>mm | L <sub>2</sub><br>mm | L <sub>3</sub><br>mm | D <sub>1</sub><br>mm | Art.-Nr.    | VE/St. |
|------|----------------------|----------------------|----------------------|----------------------|-------------|--------|
| 3/16 | 60                   | 20                   | 7,16                 | 22,5                 | 0715 137 50 | 1/10   |
| 7/32 | 60                   | 20                   | 8,34                 | 22,5                 | 0715 137 51 | 1/10   |
| 1/4  | 60                   | 20                   | 9,53                 | 22,5                 | 0715 137 52 | 1/10   |
| 5/16 | 60                   | 20                   | 11,9                 | 22,5                 | 0715 137 53 | 1/10   |
| 3/8  | 60                   | 20                   | -                    | 22,5                 | 0715 137 54 | 1/10   |
| 7/16 | 60                   | 20                   | 14,0                 | 22,5                 | 0715 137 55 | 1/10   |
| 1/2  | 60                   | 20                   | -                    | 22,5                 | 0715 137 56 | 1/10   |
| 9/16 | 60                   | 20                   | -                    | 25,0                 | 0715 137 57 | 1/10   |

## 1/2"-SOCKET WRENCHES



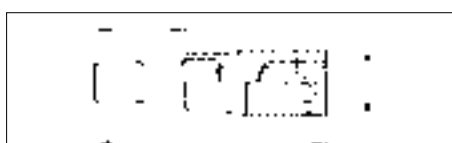
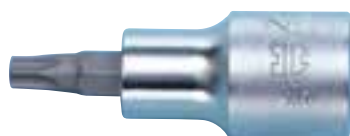
### Fort external T-bolts

- Finish: chrome-plated, polished/matt
- Drive 1/2", bullet trap groove
- Output: external TX
- Geometry: short

<sup>1</sup> Geometry: lang

|    | mm    | L <sub>1</sub> mm | D <sub>1</sub> mm | D <sub>2</sub> mm | Art.-No.                        | P.Qty |
|----|-------|-------------------|-------------------|-------------------|---------------------------------|-------|
| 10 | 9,43  | 40                | 12,3              | 22,5              | <b>0715 132 10</b>              | 1     |
| 11 | 10,1  | 40                | 13,3              | 22,5              | <b>0715 132 11</b>              | 1     |
| 12 | 11,18 | 40                | 14,3              | 22,5              | <b>0715 132 12</b>              | 1     |
| 14 | 12,91 | 40                | 15,8              | 22,5              | <b>0715 132 14</b>              | 1     |
| 16 | 14,76 | 40                | 19,6              | 22,5              | <b>0715 132 16</b>              | 1     |
| 18 | 16,72 | 40                | 21,0              | 22,5              | <b>0715 132 18</b>              | 1     |
| 20 | 18,5  | 40                | 22,5              | 23,0              | <b>0715 132 20</b>              | 1     |
| 24 | 22,17 | 40                | 27,5              | 28,0              | <b>0715 132 24</b>              | 1     |
| 10 | 9,43  | 77                | 12,3              | 22,5              | <b>0715 132 101<sup>1</sup></b> | 1     |
| 12 | 11,18 | 77                | 14,3              | 22,5              | <b>0715 132 121<sup>1</sup></b> | 1     |
| 14 | 12,91 | 77                | 15,8              | 22,5              | <b>0715 132 141<sup>1</sup></b> | 1     |

## 1/2"-SCREWDRIVER INSERTS



- Finish: chrome-plated, polished/matt
- Drive 1/2", bullet trap groove
- Output: inside TX
- Geometry: short

|     | mm    | L <sub>1</sub> mm | L <sub>2</sub> mm | D <sub>1</sub> mm | Art.-No.            | P.Qty |
|-----|-------|-------------------|-------------------|-------------------|---------------------|-------|
| 20  | 3,84  | 60                | 20                | 22,5              | <b>0715 133 20</b>  | 1     |
| 25  | 4,4   | 60                | 20                | 22,5              | <b>0715 133 25</b>  | 1     |
| 27  | 4,96  | 60                | 20                | 22,5              | <b>0715 133 27</b>  | 1     |
| 30  | 5,49  | 60                | 20                | 22,5              | <b>0715 133 30</b>  | 1     |
| 40  | 6,6   | 60                | 20                | 22,5              | <b>0715 133 40</b>  | 1     |
| 45  | 7,77  | 60                | 20                | 22,5              | <b>0715 133 45</b>  | 1     |
| 50  | 8,79  | 60                | 20                | 22,5              | <b>0715 133 50</b>  | 1     |
| 55  | 11,17 | 60                | 20                | 22,5              | <b>0715 133 55</b>  | 1     |
| 60  | 13,2  | 60                | 20                | 22,5              | <b>0715 133 60</b>  | 1     |
| 70  | 15,49 | 60                | 20                | 25,0              | <b>0715 133 70</b>  | 1     |
| 80  | 17,51 | 60                | 20                | 28,0              | <b>0715 133 80</b>  | 1     |
| 90  | 19,9  | 60                | 42                | 26,0              | <b>0715 133 90</b>  | 1     |
| 100 | 22,1  | 80                | 42                | 26,0              | <b>0715 133 100</b> | 1     |

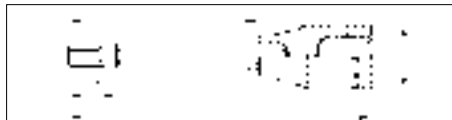
Application et.:

Tx60 for disc brakes Actos for HL drive axle

Actros

TX80 for steering column lever levco for steering MAN

TX 100 for steering column lever Iveco

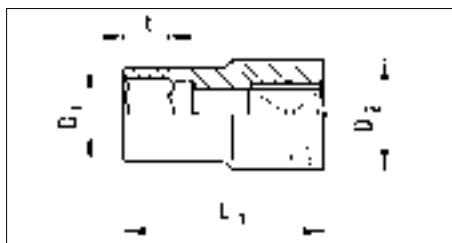


- Finish: chrome-plated, polished/matt
- Drive 1/2", bullet trap groove
- Output: inside TX
- Geometry: long
- Application: especially for Ford

|    | mm    | L <sub>1</sub> mm | L <sub>2</sub> mm | L <sub>3</sub> mm | D <sub>1</sub> mm | Art.-Nr.           | P.Qty |
|----|-------|-------------------|-------------------|-------------------|-------------------|--------------------|-------|
| 30 | 5,49  | 120               | 80                | 12,5              | 22,5              | <b>0715 134 30</b> | 1     |
| 40 | 6,6   | 120               | 80                | 12,5              | 22,5              | <b>0715 134 40</b> | 1     |
| 45 | 7,77  | 120               | 80                | 12,5              | 22,5              | <b>0715 134 45</b> | 1     |
| 50 | 8,79  | 120               | 80                | -                 | 22,5              | <b>0715 134 50</b> | 1     |
| 55 | 11,17 | 140               | 100               | -                 | 22,5              | <b>0715 134 55</b> | 1     |
| 60 | 13,2  | 140               | 100               | -                 | 22,5              | <b>0715 134 60</b> | 1     |
| 70 | 15,49 | 140               | 100               | -                 | 25,0              | <b>0715 134 70</b> | 1     |

<sup>1</sup> cylinder head Ford Mondeo

## 1/2" MULTI-SOCKET WRENCH



- Design: chrome-plated, polished
- Drive: 1/2"
- Output: 12-pt., multiA-profile
- Geometry: short

| Multi-profile                                                                             | Possible Uses                                                                              |                                                                                                |                                                                                         |                                                                                            |             |             |             |            |             |       |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------|-------------|-------------|------------|-------------|-------|
|                                                                                           | 6-pt./12-pt.                                                                               | 6-pt.                                                                                          | Outer TX                                                                                | 4-pt.                                                                                      |             |             |             |            |             |       |
| <br>in mm | <br>in mm | <br>in inches | <br>TX | <br>in mm | L1<br>in mm | D1<br>in mm | D2<br>in mm | t<br>in mm | Art.No      | P.Qty |
| 10                                                                                        | 10 mm                                                                                      | 3/8"                                                                                           | E 12                                                                                    | 8 mm                                                                                       | 36          | 15.5        | 23.0        | 9          | 0712 134 10 | 1     |
| 11                                                                                        | 11 mm                                                                                      | 7/16"                                                                                          | E 14                                                                                    | 9 mm                                                                                       | 36          | 16.7        | 23.0        | 10         | 0712 134 11 | 1     |
| 12                                                                                        | 12 mm                                                                                      | 15/32"                                                                                         | E 16                                                                                    | 10 mm                                                                                      | 36          | 18.0        | 23.0        | 11         | 0712 134 12 | 1     |
| 13                                                                                        | 13 mm                                                                                      | 1/2"                                                                                           | -                                                                                       | -                                                                                          | 36          | 19.2        | 23.0        | 11         | 0712 134 13 | 1     |
| 14                                                                                        | 14 mm                                                                                      | 9/16"                                                                                          | E 18                                                                                    | -                                                                                          | 36          | 20.5        | 23.0        | 13         | 0712 134 14 | 1     |
| 15                                                                                        | 15 mm                                                                                      | 19/32"                                                                                         | -                                                                                       | 12 mm                                                                                      | 36          | 21.7        | 23.0        | 13         | 0712 134 15 | 1     |
| 16                                                                                        | 16 mm                                                                                      | 5/8"                                                                                           | E 20                                                                                    | 13 mm                                                                                      | 36          | 23.0        | 23.0        | 13         | 0712 134 16 | 1     |
| 17                                                                                        | 17 mm                                                                                      | -                                                                                              | -                                                                                       | 14 mm                                                                                      | 36          | 24.2        | 23.2        | 13         | 0712 134 17 | 1     |
| 18                                                                                        | 18 mm                                                                                      | -                                                                                              | E 22                                                                                    | -                                                                                          | 36          | 25.5        | 23.5        | 14         | 0712 134 18 | 1     |
| 19                                                                                        | 19 mm                                                                                      | 3/4"                                                                                           | E 24                                                                                    | -                                                                                          | 36          | 26.7        | 24.7        | 14         | 0712 134 19 | 1     |
| 20                                                                                        | 20                                                                                         | 25/32"                                                                                         | -                                                                                       | 16 mm                                                                                      | 36          | 28.0        | 25.5        | 14         | 0712 134 20 | 1     |
| 21                                                                                        | 21 mm                                                                                      | 13/16"                                                                                         | E 26                                                                                    | 17 mm                                                                                      | 38          | 29.2        | 26.0        | 14         | 0712 134 21 | 1     |
| 22                                                                                        | 22 mm                                                                                      | 7/8"                                                                                           | E 28                                                                                    | 18 mm                                                                                      | 38          | 30.5        | 26.5        | 16         | 0712 134 22 | 1     |
| 24                                                                                        | 24 mm                                                                                      | 15/16"                                                                                         | E 30                                                                                    | 19 mm                                                                                      | 38          | 33.0        | 29.0        | 18         | 0712 134 24 | 1     |
| 26                                                                                        | 26 mm                                                                                      | -                                                                                              | E 32                                                                                    | 21 mm                                                                                      | 38          | 35.5        | 31.5        | 18         | 0712 134 26 | 1     |
| 27                                                                                        | 27 mm                                                                                      | 1 1/16"                                                                                        | E 34                                                                                    | 22 mm                                                                                      | 44          | 36.7        | 32.2        | 20         | 0712 134 27 | 1     |
| 28                                                                                        | 28 mm                                                                                      | 1 1/8"                                                                                         | E 36                                                                                    | 23 mm                                                                                      | 44          | 38.0        | 33.5        | 20         | 0712 134 28 | 1     |
| 30                                                                                        | 30 mm                                                                                      | 1 3/16"                                                                                        | E 38                                                                                    | 24 mm                                                                                      | 44          | 40.5        | 36.0        | 22         | 0712 134 30 | 1     |
| 32                                                                                        | 32 mm                                                                                      | 1 1/4"                                                                                         | E 40                                                                                    | 26 mm                                                                                      | 44          | 43.0        | 38.1        | 24         | 0712 134 32 | 1     |



### 1/2"-Multi-socket Wrench Assortment 23-piece

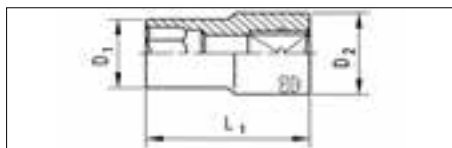
Art. No. 0965 13 023

Supplied in a metal box and a high-quality foam insert with clamping effect.

### Delivery scope – 1/2" Multi-socket Wrench Assortment

| Designation                                   | Tip | Length        | Art. No.                             | P. Qty. |
|-----------------------------------------------|-----|---------------|--------------------------------------|---------|
| Ratchet                                       |     | 250 mm        | <b>0712 012 0</b>                    | 1       |
| Extension                                     |     | 125 mm        | <b>0712 138 105</b>                  | 1       |
| Extension                                     |     | 250 mm        | <b>0712 138 110</b>                  | 1       |
| Cardan joint                                  |     | 70 mm         | <b>0712 138 301</b>                  | 1       |
| 19 multi-socket wrench<br>1 pc. each 10-32 mm |     | 36-44 mm      | <b>0712 134 10 -<br/>0712 134 32</b> | 1       |
| Metal box, size 3                             | -   | 405x160x50 mm | <b>0955 715 3</b>                    | 1       |
| Foam insert                                   | -   | 400x150x40 mm | <b>0955 13 230</b>                   | 1       |

## 1/2"-SOCKET WRENCHES



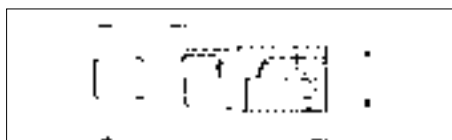
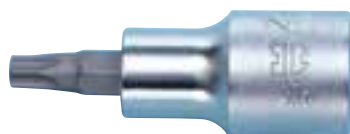
### For external T-bolts

- Finish: chrome-plated, polished / matt
- Drive: 1/2", bullet trap groove
- Output: external TX
- Geometry: short

<sup>1</sup> Geometry: long

| mm |       | L <sub>1</sub><br>mm | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | Art.-No.           | P/Qty. |
|----|-------|----------------------|----------------------|----------------------|--------------------|--------|
| 10 | 9,41  | 40                   | 12,3                 | 22,5                 | <b>0715 132 10</b> | 1      |
| 11 | 10,1  | 40                   | 13,3                 | 22,5                 | <b>0715 132 11</b> | 1      |
| 12 | 11,18 | 40                   | 14,3                 | 22,5                 | <b>0715 132 12</b> | 1      |
| 14 | 12,91 | 40                   | 15,8                 | 22,5                 | <b>0715 132 14</b> | 1      |
| 16 | 14,76 | 40                   | 19,6                 | 22,5                 | <b>0715 132 16</b> | 1      |
| 18 | 16,72 | 40                   | 21,0                 | 22,5                 | <b>0715 132 18</b> | 1      |
| 20 | 18,5  | 40                   | 22,5                 | 23,0                 | <b>0715 132 20</b> | 1      |
| 24 | 22,17 | 40                   | 27,5                 | 28,0                 | <b>0715 132 24</b> | 1      |

## 1/2"-SCREWDRIVER INSERTS



- Finish: chrome-plated, polished / matt
- Drive: 1/2", bullet trap groove
- Output: Inside TX
- Geometry: short

| mm |       | L <sub>1</sub><br>mm | L <sub>2</sub><br>mm | D <sub>1</sub><br>mm | Art.-No.           | P/Qty |
|----|-------|----------------------|----------------------|----------------------|--------------------|-------|
| 20 | 3,84  | 60                   | 20                   | 22,5                 | <b>0715 133 20</b> | 1     |
| 25 | 4,4   | 60                   | 20                   | 22,5                 | <b>0715 133 25</b> | 1     |
| 27 | 4,96  | 60                   | 20                   | 22,5                 | <b>0715 133 27</b> | 1     |
| 30 | 5,49  | 60                   | 20                   | 22,5                 | <b>0715 133 30</b> | 1     |
| 40 | 6,6   | 60                   | 20                   | 22,5                 | <b>0715 133 40</b> | 1     |
| 45 | 7,77  | 60                   | 20                   | 22,5                 | <b>0715 133 45</b> | 1     |
| 50 | 8,79  | 60                   | 20                   | 22,5                 | <b>0715 133 50</b> | 1     |
| 55 | 11,17 | 60                   | 20                   | 22,5                 | <b>0715 133 55</b> | 1     |
| 60 | 13,2  | 60                   | 20                   | 22,5                 | <b>0715 133 60</b> | 1     |

Application etc.:

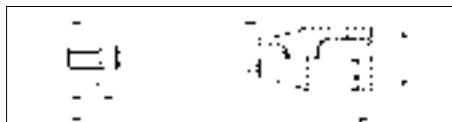
TX60 for disc brakes Actros

for HL drive axle Actros

TX80 for steering column lever Iveco

for steering MAN

TX100 for steering column lever Iveco



- Finish: chrome-plated, polished / matt
- Drive: 1/2", bullet trap groove
- Output: Inside TX
- Geometry: long
- Application: especially for Ford

<sup>1</sup> cylinder head Ford Mondeo

| mm |       | L <sub>1</sub><br>mm | L <sub>2</sub><br>mm | L <sub>3</sub><br>mm | D <sub>1</sub><br>mm | Art.-No.           | P/Qty |
|----|-------|----------------------|----------------------|----------------------|----------------------|--------------------|-------|
| 30 | 5,49  | 120                  | 80                   | 12,5                 | 22,5                 | <b>0715 134 30</b> | 1     |
| 40 | 6,6   | 120                  | 80                   | 12,5                 | 22,5                 | <b>0715 134 40</b> | 1     |
| 45 | 7,77  | 120                  | 80                   | 12,5                 | 22,5                 | <b>0715 134 45</b> | 1     |
| 50 | 8,79  | 120                  | 80                   | -                    | 22,5                 | <b>0715 134 50</b> | 1     |
| 55 | 11,17 | 140                  | 100                  | -                    | 22,5                 | <b>0715 134 55</b> | 1     |
| 60 | 13,2  | 140                  | 100                  | -                    | 22,5                 | <b>0715 134 60</b> | 1     |
| 70 | 15,49 | 140                  | 100                  | -                    | 25,0                 | <b>0715 134 70</b> | 1     |

## 1/2"-RATCHET SETS



### 1/2" Metre

- **Fastening material:** hard foam for better fixing.
- **Content:** 23 pieces.



| Content                                                                                                                                                          | Art.No             | P/Qty. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------|
| 1 ratchet<br>1 extension 125 mm<br>1 extension 250 mm<br>1 kneecap<br>19 metric socket wrenches (SW10,11,12,13,14,15; 16,17,18,19,20,21,22,23,24,26,27,28,30,32) | <b>0965 13 230</b> | 1      |



### 1/2" Metre

- **Fastening material:** hard foam for better fixing.
- **Content:** 17 pieces.



| Content                                                                                                                                       | Art.No             | P/Qty. |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------|
| 1 ratchet<br>1 extension 125 mm<br>1 extension 250 mm<br>1 kneecap<br>13 metric socket wrenches (SW10,11,12,13,14,15,17,19,20,22,24,27,30,32) | <b>0965 13 170</b> | 1      |



### 1/2" inches

- **Fastening material:** hard foam for better fixing.
- **Content:** 21 pieces.



| Content                                                                                                                                                                                                  | Art.No            | P/Qty. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------|
| 1 ratchet<br>1 extension 125 mm<br>1 extension 250 mm<br>1 kneecap<br>17 socket wrenches in inches: 3/8; 7/16; 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 25/32; 13/16; 7/8; 15/16; 1 1/16; 1 1/8; 1 3/16; 1 1/4 | <b>0965 13 21</b> | 1      |



### 1/2" reinforced

- **Fastening material:** hard foam for better fixing.
- **Content:** 24 pieces.



| Content                                                                                                                                                                                   | Art.No             | P/Qty. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------|
| 1 ratchet<br>1 extension 25mm with angle<br>1 extension 125 mm<br>1 extension 250 mm<br>1 kneecap<br>19 metric socket wrenches: 10,11,12,13,14,15,16,17,18,19,20,21,22,24,26,27,28,30,32) | <b>0965 012 24</b> | 1      |



## 1/2"- CARRACAS ASSEMBLIES KEYS VESSEL



### Allen screws

- Fastening material: hard foam for better fixing.
- Content: 11 pieces.

| Content                                                                | Art.No             | P/Qty. |
|------------------------------------------------------------------------|--------------------|--------|
| 1 ratchet<br>10 allen glasses<br>(SW5, 6, 7, 8, 9, 10, 12, 14, 17, 19) | <b>0965 13 110</b> | 1      |



### 1/2" Torx

- Fastening material: hard foam for better fixing.
- Content: 21 pieces.

| Content                                                                                                                                                                                                       | Art.No             | P/Qty. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------|
| 1 ratchet<br>1 extension 125mm<br>1 extension 250mm<br>1 kneecap<br>8 glasses with Torx inter-<br>ior. ES10, 11, 12, 14, 16,<br>18, 20, 24 9 vessels with<br>Torx tip. T20, 25, 27, 30,<br>40, 45, 50, 55, 60 | <b>0965 13 210</b> | 1      |

## 1/2"-STANDARD SOCKET WRENCH ASSORTMENT



### Complete 1/2" assortment with short and long Allen, inner TX and multipoint socket wrench inserts

Contents especially matched to motor vehicle and cargo applications

**Art. No. 0965 13 310**

Metal box 350 x 260 x 55 mm, Size 4  
Art. No. 0955 715 4

#### Contents: 31 pieces

- 8 TX socket wrenches, short version  
TX 25, 27, 30, 40, 45, 50, 55, 60
- 4 TX socket wrenches, long version  
TX 30, 40, 50, 60
- 4 multipoint socket wrenches, short version M 5, 6, 8, 10
- 3 multipoint socket wrenches, long version M 8, 10, 12
- 8 Allen socket wrenches, short version 5, 6, 7, 8, 10, 12, 14, 17 mm
- 4 Allen socket wrenches, long version  
6, 8, 10, 12 mm

## ADAPTER ASSORTMENT



### Combined adapter assortment with most common socket-wrench and bit adapters

**Art. No. 0965 12 80**

Hard Foam with clamping effect  
Art. No. 0955 12 80  
Metal box 220 x 110 x 35 mm, Size 1  
Art. No. 0955 715 1

#### Contents: 8 pieces

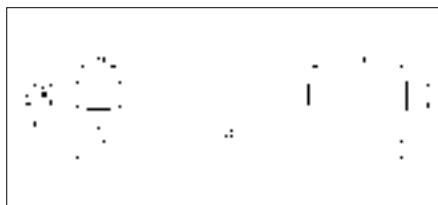
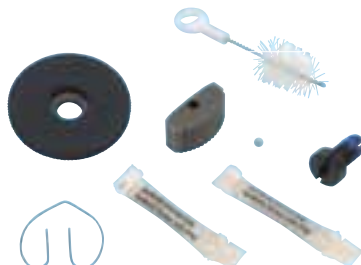
##### Socket-wrench adapters:

- 1x 3/4" - 1/2", 1/2" - 3/4", 1/2" - 3/8", 1x 3/8" - 1/4", 1/4" - 3/8", 3/8" - 1/2"

##### Bit adapters:

- 1x 1/4" - 1/4", 3/8" - 5/16"

## 3/4" RATCHET



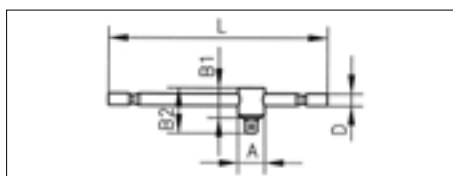
### 3/4" ratchet

#### Technical data:

- Drive: 20 = 3/4"
- Standard: DIN 3122, ISO 315
- Head: finely toothed, 72 teeth, 5° rotating angle
- Design: chrome-plated, with two-component handle

| L1 mm            | L2 mm | L3 mm | B1 mm | B2 mm | D1 mm | D2 mm | Art. no.           | PU/Qty. |
|------------------|-------|-------|-------|-------|-------|-------|--------------------|---------|
| 530              | 500   | 120   | 37    | 62    | 39    | 52    | <b>0715 141 01</b> | 1       |
| Maintenance set* |       |       |       |       |       |       | <b>0715 141 0</b>  | 1       |

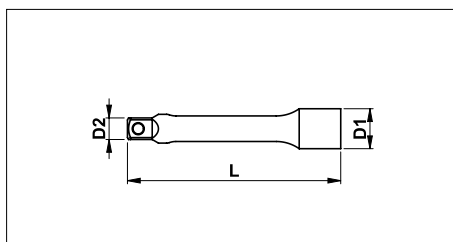
\* Regular maintenance extends the service life.



### 3/4" t-handle

- Standard: DIN 3122, ISO 3315
- Sliding handle: with ball lock
- Design: chrome-plated
- Application: T or L-handle

| L mm | B1 mm | B2 mm | D in mm | A in mm | Art. no.           | PU/Qty. |
|------|-------|-------|---------|---------|--------------------|---------|
| 450  | 38    | 60    | 20      | 37.5    | <b>0715 141 04</b> | 1       |



### 3/4" extensions

- Standard: DIN 3123, ISO 3316
- Design: chrome-plated
- Drive: 3/4", locking pin
- Output: 3/4", locking pin

| D1 mm | D2 mm | L mm | L mm | Art. no.           | PU/Qty. |
|-------|-------|------|------|--------------------|---------|
| 35.5  | 25    | 200  | 8"   | <b>0715 141 05</b> | 1       |
| 35.5  | 25    | 400  | 18"  | <b>0715 141 06</b> | 1       |

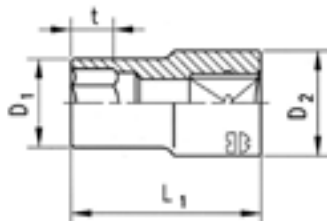


### 3/4" cardan joint

- Standard: DIN 3123, ISO 3316
- Design: chrome-plated, polished
- Drive: 3/4", locking pin
- Output: 3/4", locking pin
- Joint: braked
  - Remains in the preset position for work on hard-to-reach places

| S1   | S1   | D1 mm | L1 mm | Art. no.           | PU/Qty. |
|------|------|-------|-------|--------------------|---------|
| 3/4" | 3/4" | 40    | 109   | <b>0715 141 07</b> | 1       |

## 3/4" SOCKET WRENCH INSERT



### Metric 12 faces

- Standard DIN 3124, ISO 2725.
- Version: chrome, polished / matt.
- Entry: 3/4 "with fixing ball slot.
- Output: 12-sided metric.
- Geometry: short.

| mm | L1 mm | D1 mm | D2 mm | t mm | Art.-No.           | P/Qty. |
|----|-------|-------|-------|------|--------------------|--------|
| 22 | 52    | 32    | 34,5  | 14   | <b>0715 141 22</b> | 1/10   |
| 24 | 52    | 34,5  | 35    | 16   | <b>0715 141 24</b> | 1/10   |
| 27 | 54    | 38,5  | 35    | 18   | <b>0715 141 27</b> | 1/10   |
| 30 | 56    | 43    | 36    | 20   | <b>0715 141 30</b> | 1/10   |
| 32 | 56    | 45    | 38    | 22   | <b>0715 141 32</b> | 1/10   |
| 34 | 60    | 46    | 38    | 24   | <b>0715 141 34</b> | 1/10   |
| 36 | 65    | 50    | 39    | 24   | <b>0715 141 36</b> | 1/10   |
| 38 | 65    | 53    | 39    | 25   | <b>0715 141 38</b> | 1/10   |
| 41 | 65    | 56    | 38    | 27   | <b>0715 141 41</b> | 1/10   |
| 46 | 65    | 63    | 48    | 30   | <b>0715 141 46</b> | 1/10   |
| 50 | 68    | 68    | 48    | 33   | <b>0715 141 50</b> | 1/10   |
| 55 | 70    | 74    | 48    | 36   | <b>0715 141 55</b> | 1/10   |
| 60 | 70    | 80    | 48    | 39   | <b>0715 141 60</b> | 1/10   |

## 3/4" SOCKET WRENCH ASSORTMENT



### Bi-hexagon, metric

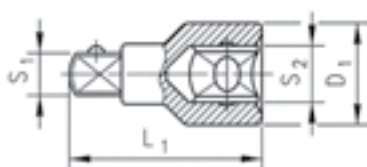
#### Metal assortment box contents: 15 parts

- 1 ratchet, 1 extension 200 mm, 1 extension 400 mm,
- 1 cardan joint, 1 t-handle,
- 10 socket spanner inserts size 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm

**Art. no. 0965 14 150**

PU/Qty. 1

## 3/4" INCH CONNECTOR



- Surface: chrome-plated
- Standard: DIN 3123, ISO 3316

|  | Art.-No.           | P/Qty | Drive (S2) | Output (S1) | Socket outer diameter (D1) | Length (L1) | Surface   |
|--|--------------------|-------|------------|-------------|----------------------------|-------------|-----------|
|  | <b>0715 141 10</b> | 1/10  | 1 Zoll     | 3/4 Zoll    | 48 mm                      | 66 mm       | Verchromt |
|  | <b>0715 141 08</b> | 1/20  | 3/4 Zoll   | 1/2 Zoll    | 34 mm                      | 53,5 mm     | Verchromt |
|  | <b>0715 141 09</b> | 1/10  | 3/4 Zoll   | 1 Zoll      | 38 mm                      | 62 mm       | Verchromt |



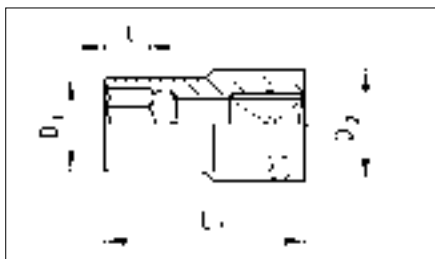
## CONNECTION PIECE



- Standard: DIN 3123, ISO 3316
- Design: chrome-plated, matt
- Drive: 1" square socket
- Output: 3/4" square head
- Application: Adapter on 3/4" socket wrench inserts

| S1   | S1 | D1<br>in mm | L1<br>in mm | Art. No.    | P.<br>Qty. |
|------|----|-------------|-------------|-------------|------------|
| 3/4" | 1" | 48          | 66          | 0715 141 10 | 1          |

## 1" SOCKET WRENCH INSERTS



### Metric, bi-hexagonal

- Standard: DIN 3124, ISO 2725
- Version: Chrome-plated, ground/ matte
- Drive: 1", locking pin
- Tip: Bi-hex., metric
- Geometry: Short

| in mm | L1<br>in mm | D1<br>in mm | D2<br>in mm | t<br>in mm | Art. No.     | P.<br>Qty. |
|-------|-------------|-------------|-------------|------------|--------------|------------|
| 36    | 65          | 52          | 45          | 28         | 0714 151 136 | 1          |
| 38    | 65          | 54          | 45          | 30         | 0714 151 138 | 1          |
| 41    | 70          | 57          | 45          | 32         | 0714 151 141 | 1          |
| 46    | 75          | 65          | 50          | 34         | 0714 151 146 | 1          |
| 50    | 75          | 70          | 55          | 34         | 0714 151 150 | 1          |
| 55    | 80          | 76          | 57          | 40         | 0714 151 155 | 1          |
| 60    | 84          | 82          | 57          | 42         | 0714 151 160 | 1          |
| 65    | 87          | 88          | 57          | 44         | 0714 151 165 | 1          |
| 70    | 93          | 94          | 68          | 48         | 0714 151 170 | 1          |
| 75    | 97          | 100         | 68          | 52         | 0714 151 175 | 1          |
| 80    | 103         | 105         | 68          | 54         | 0714 151 180 | 1          |

## 1" SOCKET WRENCH ASSORTMENT



### Metric

#### Metal assortment box

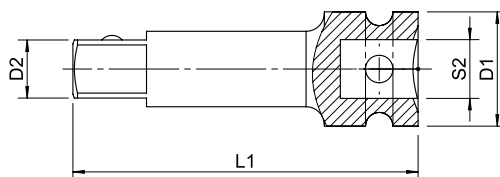
#### Content: 12 pieces

1 reversible ratchet, 1 slide rod, 1 extension, 200 mm  
1 extension, 400 mm, 8 socket wrench inserts, size  
36, 41, 46, 50, 55, 60, 65, 70 mm

Art. No. 0965 15 12

P. Qty. 1

## 1/2 INCH POWER EXTENSION



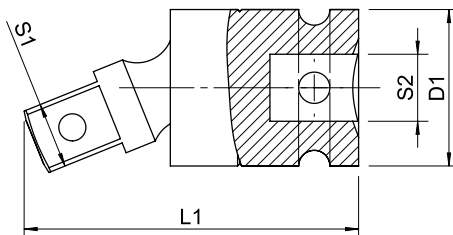
|                                      |          |
|--------------------------------------|----------|
| Drive (S2)                           | 1/2 inch |
| Tip size (D2)                        | 1/2 inch |
| Socket wrench external diameter (D1) | 25 mm    |

| Length (L1) | Art. No.    | P. Qty. |
|-------------|-------------|---------|
| 75 mm       | 0714 13 22  | 1       |
| 150 mm      | 0714 13 23  | 1       |
| 250 mm      | 0714 13 235 | 1       |

### 1/2-inch square drive and ball lock

- Suitable for all standard compressed air and electric screwdrivers
- Standard: square drive according to DIN 3121
- Design: forged, burnished

## 1/2 INCH POWER CARDAN JOINT

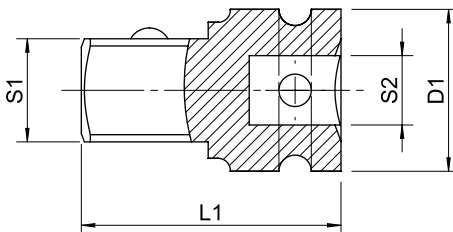


|                                      |              |
|--------------------------------------|--------------|
| Art. No.                             | 0714 138 351 |
| P. Qty.                              | 1            |
| Drive (S2)                           | 1/2 inch     |
| Tip size (S1)                        | 1/2 inch     |
| Length (L1)                          | 63 mm        |
| Socket wrench external diameter (D1) | 30 mm        |

### 1/2-inch square drive and ball lock

- Fits all conventional compressed air and electric drivers
- Standard: Square drive acc. to DIN 3121
- Design: forged, burnished

## 1/2" POWER CONNECTOR



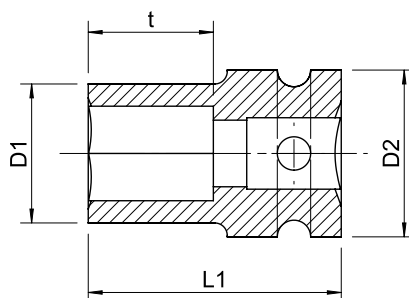
|                                      |            |
|--------------------------------------|------------|
| Art. No.                             | 0714 13 28 |
| P. Qty.                              | 1          |
| Drive (S2)                           | 1/2 inch   |
| Tip size (S1)                        | 3/4 inch   |
| Length (L1)                          | 48 mm      |
| Socket wrench external diameter (D1) | 30 mm      |

### 3/4-inch square drive and ball lock

- Suitable for all standard compressed air and electric screwdrivers
- Standard: square drive according to DIN 3121
- Design: forged, burnished



## 1/2 INCH IMPACT SOCKET WRENCH INSERT



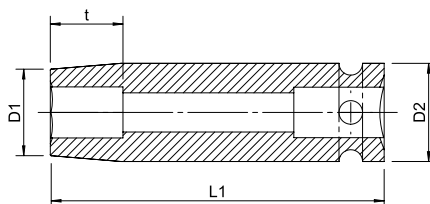
### Hexagon, metric, short

- Suitable for all standard compressed air and electric screwdrivers
- Standard: square drive according to DIN 3121
- Design: forged, burnished

|       |          |
|-------|----------|
| Drive | 1/2 inch |
|-------|----------|

| Width across flats | Length (L1) | Socket wrench external diameter (D1) | Socket wrench external diameter 2 (D2) | Socket wrench depth (t) | Art. No.    | P. Qty. |
|--------------------|-------------|--------------------------------------|----------------------------------------|-------------------------|-------------|---------|
| 3/8 inch           | 38 mm       | 15 mm                                | 25 mm                                  | 4 mm                    | 0714 13 02  | 1       |
| 10 mm              | 38 mm       | 17 mm                                | 25 mm                                  | 5 mm                    | 0714 13 03  | 1       |
| 11 mm              | 38 mm       | 18.5 mm                              | 25 mm                                  | 6 mm                    | 0714 13 031 | 1       |
| 12 mm              | 38 mm       | 20 mm                                | 25 mm                                  | 6 mm                    | 0714 13 04  | 1       |
| 13 mm              | 38 mm       | 21 mm                                | 25 mm                                  | 6 mm                    | 0714 13 05  | 1       |
| 14 mm              | 38 mm       | 22.5 mm                              | 25 mm                                  | 8 mm                    | 0714 13 06  | 1       |
| 15 mm              | 38 mm       | 23 mm                                | 30 mm                                  | 8 mm                    | 0714 13 07  | 1       |
| 16 mm              | 38 mm       | 25 mm                                | 30 mm                                  | 8 mm                    | 0714 13 071 | 1       |
| 17 mm              | 38 mm       | 26 mm                                | 30 mm                                  | 8 mm                    | 0714 13 08  | 1       |
| 18 mm              | 38 mm       | 27.3 mm                              | 30 mm                                  | 9 mm                    | 0714 13 081 | 1       |
| 19 mm              | 38 mm       | 28.5 mm                              | 30 mm                                  | 9 mm                    | 0714 13 09  | 1       |
| 21 mm              | 38 mm       | 30 mm                                | 30 mm                                  | 10 mm                   | 0714 13 091 | 1       |
| 22 mm              | 38 mm       | 32 mm                                | 30 mm                                  | 10 mm                   | 0714 13 10  | 1       |
| 23 mm              | 38 mm       | 34 mm                                | 30 mm                                  | 12 mm                   | 0714 13 101 | 1       |
| 24 mm              | 38 mm       | 34 mm                                | 30 mm                                  | 12 mm                   | 0714 13 11  | 1       |
| 27 mm              | 42 mm       | 38 mm                                | 30 mm                                  | 13 mm                   | 0714 13 12  | 1       |
| 30 mm              | 42 mm       | 42 mm                                | 30 mm                                  | 15 mm                   | 0714 13 30  | 1       |
| 32 mm              | 44 mm       | 44 mm                                | 30 mm                                  | 16 mm                   | 0714 13 32  | 1       |
| 34 mm              | 44 mm       | 46 mm                                | 30 mm                                  | 16 mm                   | 0714 13 34  | 1       |
| 36 mm              | 48 mm       | 49 mm                                | 30 mm                                  | 18 mm                   | 0714 13 36  | 1       |

## 1/2-INCH IMPACT SOCKET WRENCH INSERT



### Hexagon, metric, long

- Fits all conventional compressed air and electric drivers
- Standard: Square drive acc. to DIN 3121
- Design: forged, burnished

|             |          |
|-------------|----------|
| Drive       | 1/2 inch |
| Length (L1) | 78 mm    |

| Width across flats | Socket wrench external diameter (D1) | Socket wrench external diameter 2 (D2) | Socket wrench depth (t) | Art. No.    | P. Qty. |
|--------------------|--------------------------------------|----------------------------------------|-------------------------|-------------|---------|
| 8 mm               | 15 mm                                | 25 mm                                  | 4 mm                    | 0714 13 125 | 1       |
| 10 mm              | 17.5 mm                              | 25 mm                                  | 5 mm                    | 0714 13 127 | 1       |
| 11 mm              | 18.5 mm                              | 25 mm                                  | 6 mm                    | 0714 13 128 | 1       |
| 13 mm              | 20.5 mm                              | 25 mm                                  | 6 mm                    | 0714 13 13  | 1       |
| 14 mm              | 22 mm                                | 25 mm                                  | 8 mm                    | 0714 13 130 | 1       |
| 16 mm              | 24 mm                                | 30 mm                                  | 8 mm                    | 0714 13 131 | 1       |
| 17 mm              | 25 mm                                | 30 mm                                  | 8 mm                    | 0714 13 14  | 1       |
| 18 mm              | 26 mm                                | 30 mm                                  | 9 mm                    | 0714 13 142 | 1       |
| 19 mm              | 27 mm                                | 30 mm                                  | 9 mm                    | 0714 13 15  | 1       |
| 21 mm              | 30 mm                                | 30 mm                                  | 10 mm                   | 0714 13 151 | 1       |
| 22 mm              | 32 mm                                | 30 mm                                  | 10 mm                   | 0714 13 16  | 1       |
| 23 mm              | 34 mm                                | 30 mm                                  | 12 mm                   | 0714 13 161 | 1       |
| 24 mm              | 34 mm                                | 30 mm                                  | 12 mm                   | 0714 13 17  | 1       |
| 27 mm              | 38 mm                                | 30 mm                                  | 13 mm                   | 0714 13 18  | 1       |
| 30 mm              | 42 mm                                | 30 mm                                  | 15 mm                   | 0714 13 194 | 1       |

## 1/2-INCH IMPACT SOCKET WRENCH ASSORTMENT



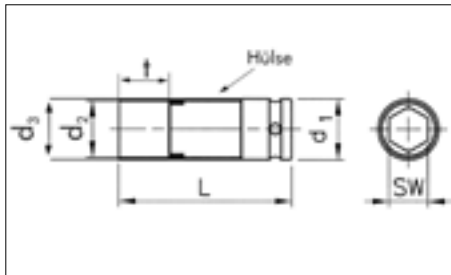
### 12 pieces. Hexagon, metric, long.

- Fits all conventional compressed air and electric drivers

|                                    |              |
|------------------------------------|--------------|
| Art. No.                           | 0714 900 200 |
| P. Qty.                            | 1            |
| Number of pieces in assortment/set | 12 PCS       |

| Contents for Art. No. | Designation                                | Art. No.     | Number |
|-----------------------|--------------------------------------------|--------------|--------|
| 0714 900 200          | 1/2-inch impact socket wrench insert 10 mm | 0714 13 127  | 1      |
|                       | 1/2-inch impact socket wrench insert 11 mm | 0714 13 128  | 1      |
|                       | 1/2-inch impact socket wrench insert 13 mm | 0714 13 13   | 1      |
|                       | 1/2-inch impact socket wrench insert 14 mm | 0714 13 130  | 1      |
|                       | 1/2-inch impact socket wrench insert 17 mm | 0714 13 14   | 1      |
|                       | 1/2-inch impact socket wrench insert 19 mm | 0714 13 15   | 1      |
|                       | 1/2-inch impact socket wrench insert 21 mm | 0714 13 151  | 1      |
|                       | 1/2-inch impact socket wrench insert 22 mm | 0714 13 16   | 1      |
|                       | 1/2-inch impact socket wrench insert 23 mm | 0714 13 161  | 1      |
|                       | 1/2-inch impact socket wrench insert 24 mm | 0714 13 17   | 1      |
|                       | 1/2 inch power extension 150 mm            | 0714 13 23   | 1      |
|                       | 1/2 inch power cardan joint                | 0714 138 351 | 1      |

## 1/2" POWER SOCKET WRENCH INSERT



| in mm | L in mm | d <sub>1</sub> in mm | d <sub>2</sub> in mm | d <sub>3</sub> in mm | t in mm | Art. No.            | P. Qty. |
|-------|---------|----------------------|----------------------|----------------------|---------|---------------------|---------|
| 15    | 85      | 30.0                 | 22.5                 | 24.8                 | 22.0    | <b>0714 130 15</b>  | 1       |
| 17    | 85      | 30.0                 | 24.4                 | 26.8                 | 22.0    | <b>0714 130 17</b>  | 1       |
| 19    | 85      | 30.0                 | 26.5                 | 28.8                 | 22.0    | <b>0714 130 19</b>  | 1       |
| 21    | 85      | 30.0                 | 28.4                 | 30.7                 | 22.0    | <b>0714 130 21</b>  | 1       |
| 22    | 85      | 32.0                 | 30.0                 | 32.6                 | 22.0    | <b>0714 130 22*</b> | 1       |

\* suitable for Opel Insignia

**For gentle installation of light metal rims. Long design with color coding system.**

Standard: DIN 3121/ISO 1174

Design: forged, burnished

Drive: 1/2", hole for locking pin and groove for O-ring

Tip: Hexagon, metric, Powerdriv.

Geometry: long

Application: e.g. a/f 15 for Smart

a/f 22 for Opel Insignia



| Accessories: Spare plastic sleeve, 3 pc. = 1 P. | Art. No.            | P. Qty. |
|-------------------------------------------------|---------------------|---------|
| For a/f 15, Art. No. 0714 130 15                | <b>0714 130 015</b> | 1       |
| For a/f 17, Art. No. 0714 130 17                | <b>0714 130 017</b> | 1       |
| For a/f 19, Art. No. 0714 130 19                | <b>0714 130 019</b> | 1       |
| For a/f 21, Art. No. 0714 130 21                | <b>0714 130 021</b> | 1       |
| For a/f 22, Art. No. 0714 130 22                | <b>0714 130 022</b> | 1       |

### Plastic sleeve

No more damage possible to paint on the aluminum rims.

### With plastic stop on the inside of the socket wrench insert

For protecting edges and surfaces on chrome-plated wheel bolts

### Plastic sleeve with color coding system

Simplifies identification of the size, thereby reducing loss of work time

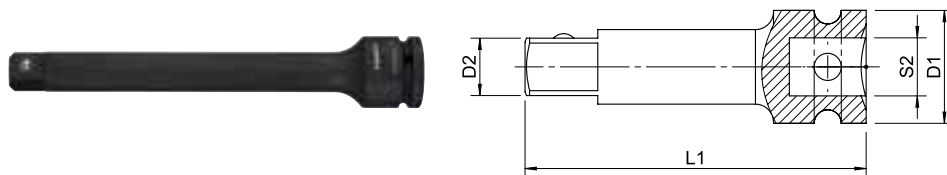
## 1/2" POWER SOCKET WRENCH SET

| Set     | Dia. in mm | Art. No.           | P. Qty. |
|---------|------------|--------------------|---------|
| 3-piece | 17 19 21   | <b>0714 130 30</b> | 1       |



**Delivery in a stable plastic box.**

## 3/4 INCH POWER EXTENSION



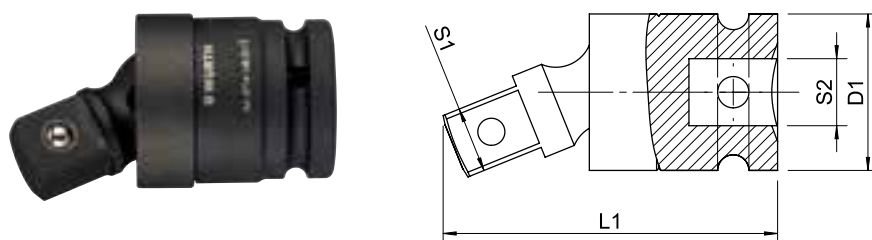
|                                      |          |
|--------------------------------------|----------|
| Drive (S2)                           | 3/4 inch |
| Tip size (D2)                        | 3/4 inch |
| Socket wrench external diameter (D1) | 45 mm    |

|             |            |            |
|-------------|------------|------------|
| Art. No.    | 0714 14 17 | 0714 14 18 |
| P. Qty.     | 1          | 1          |
| Length (L1) | 175 mm     | 250 mm     |

### With 3/4-inch square drive and ball lock

- Fits all conventional compressed air and electric drivers
- Standard: Square drive acc. to DIN 3121
- Design: forged, burnished

## 3/4 INCH POWER CARDAN JOINT

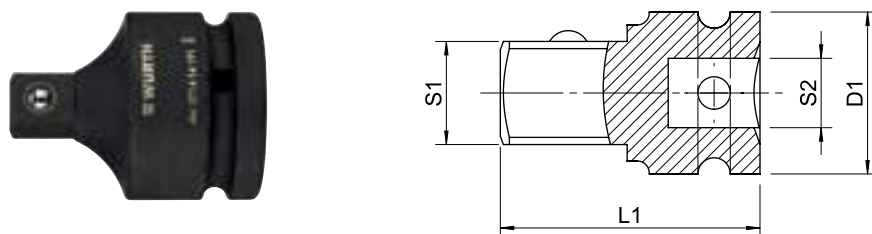


|                                      |              |
|--------------------------------------|--------------|
| Art. No.                             | 0714 148 351 |
| P. Qty.                              | 1            |
| Drive (S2)                           | 3/4 inch     |
| Tip size (S1)                        | 3/4 inch     |
| Socket wrench external diameter (D1) | 44 mm        |
| Length (L1)                          | 105 mm       |

### With 3/4-inch square drive and ball lock

- Fits all conventional compressed air and electric drivers
- Standard: Square drive acc. to DIN 3121
- Design: forged, burnished

## 3/4 INCH CONNECTOR



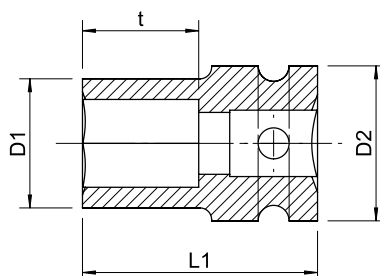
|                                      |          |
|--------------------------------------|----------|
| Drive (S2)                           | 3/4 inch |
| Socket wrench external diameter (D1) | 44 mm    |

|               |             |            |
|---------------|-------------|------------|
| Art. No.      | 0714 14 191 | 0714 14 19 |
| P. Qty.       | 1           | 1          |
| Tip size (S1) | 1/2 inch    | 1 inch     |
| Length (L1)   | 58 mm       | 63 mm      |

### With 3/4-inch square drive and ball lock

- Fits all conventional compressed air and electric drivers
- Standard: Square drive acc. to DIN 3121
- Design: forged, burnished

## 3/4-INCH IMPACT SOCKET WRENCH INSERT



### 6-point, metric, short

- Fits all conventional compressed air and electric drivers
- Standard: Square drive acc. to DIN 3121
- Design: forged, burnished

|                                        |          |
|----------------------------------------|----------|
| Drive                                  | 3/4 inch |
| Socket wrench external diameter 2 (D2) | 44 mm    |

| Width across flats | Length (L1) | Socket wrench external diameter (D1) | Socket wrench depth (t) | Art. No.    | P. Qty. |
|--------------------|-------------|--------------------------------------|-------------------------|-------------|---------|
| 17 mm              | 51 mm       | 29 mm                                | 13 mm                   | 0714 14 01  | 1       |
| 18 mm              | 51 mm       | 30 mm                                | 13 mm                   | 0714 14 011 | 1       |
| 19 mm              | 51 mm       | 32 mm                                | 15 mm                   | 0714 14 02  | 1       |
| 21 mm              | 51 mm       | 35 mm                                | 15 mm                   | 0714 14 021 | 1       |
| 22 mm              | 51 mm       | 36 mm                                | 15 mm                   | 0714 14 03  | 1       |
| 24 mm              | 51 mm       | 39 mm                                | 16 mm                   | 0714 14 04  | 1       |
| 27 mm              | 54 mm       | 42 mm                                | 16 mm                   | 0714 14 05  | 1       |
| 30 mm              | 54 mm       | 46 mm                                | 16 mm                   | 0714 14 06  | 1       |
| 32 mm              | 57 mm       | 48 mm                                | 18 mm                   | 0714 14 07  | 1       |
| 33 mm              | 57 mm       | 50 mm                                | 20 mm                   | 0714 14 071 | 1       |
| 34 mm              | 57 mm       | 52 mm                                | 20 mm                   | 0714 14 072 | 1       |
| 36 mm              | 57 mm       | 54 mm                                | 20 mm                   | 0714 14 08  | 1       |

## 3/4-INCH IMPACT SOCKET WRENCH ASSORTMENT



### 8 pieces. Hexagon, metric, short.

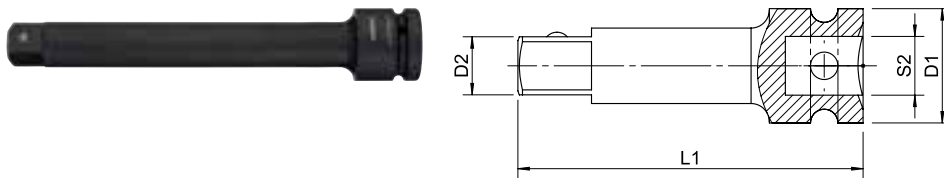
- Fits all conventional compressed air and electric drivers

|                                    |              |
|------------------------------------|--------------|
| Art. No.                           | 0714 900 500 |
| P. Qty.                            | 1            |
| Number of pieces in assortment/set | 8 PCS        |

|              |                                            |             |   |
|--------------|--------------------------------------------|-------------|---|
| 0714 900 500 | 3/4-inch impact socket wrench insert 19 mm | 0714 14 02  | 1 |
|              | 3/4-inch impact socket wrench insert 22 mm | 0714 14 03  | 1 |
|              | 3/4-inch impact socket wrench insert 24 mm | 0714 14 04  | 1 |
|              | 3/4-inch impact socket wrench insert 27 mm | 0714 14 05  | 1 |
|              | 3/4-inch impact socket wrench insert 30 mm | 0714 14 06  | 1 |
|              | 3/4-inch impact socket wrench insert 32 mm | 0714 14 07  | 1 |
|              | 3/4-inch impact socket wrench insert 33 mm | 0714 14 071 | 1 |
|              | 3/4-inch impact socket wrench insert 36 mm | 0714 14 08  | 1 |



## 1 INCH POWER EXTENSION



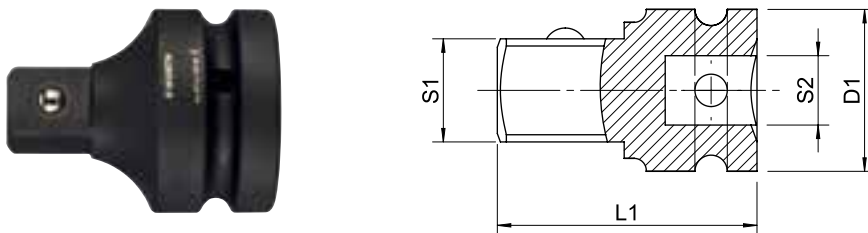
|                                             |        |
|---------------------------------------------|--------|
| <b>Drive (S2)</b>                           | 1 inch |
| <b>Tip size (D2)</b>                        | 1 inch |
| <b>Socket wrench external diameter (D1)</b> | 54 mm  |

|                    |                     |                    |
|--------------------|---------------------|--------------------|
| <b>Art. No.</b>    | <b>0714 158 607</b> | <b>0714 152 01</b> |
| <b>P. Qty.</b>     | 1                   | 1                  |
| <b>Length (L1)</b> | 175 mm              | 300 mm             |

### With 1-inch square drive and ball lock

- Fits all conventional compressed air and electric drivers
- Standard: Square drive acc. to DIN 3121
- Design: forged, burnished

## 1 INCH POWER CONNECTOR

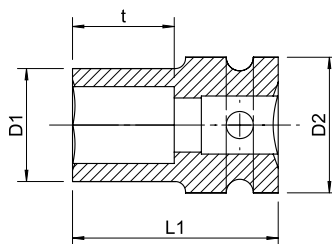


|                                             |                    |
|---------------------------------------------|--------------------|
| <b>Art. No.</b>                             | <b>0714 152 02</b> |
| <b>P. Qty.</b>                              | 1                  |
| <b>Drive (S2)</b>                           | 1 inch             |
| <b>Tip size (S1)</b>                        | 3/4 inch           |
| <b>Socket wrench external diameter (D1)</b> | 54 mm              |
| <b>Length (L1)</b>                          | 70 mm              |

### With 1-inch square drive and ball lock

- Fits all conventional compressed air and electric drivers
- Standard: Square drive acc. to DIN 3121
- Design: forged, burnished

## 1-INCH IMPACT SOCKET WRENCH INSERT



### Hexagon, metric, short

- Fits all conventional compressed air and electric drivers
- Standard: Square drive acc. to DIN 3121
- Design: forged, burnished

|       |        |
|-------|--------|
| Drive | 1 inch |
|-------|--------|

| Width across flats | Length (L1) | Socket wrench external diameter (D1) | Socket wrench external diameter 2 (D2) | Socket wrench depth (t) | Art. No.    | P. Qty. |
|--------------------|-------------|--------------------------------------|----------------------------------------|-------------------------|-------------|---------|
| 22 mm              | 58 mm       | 39 mm                                | 54 mm                                  | 15 mm                   | 0714 15 001 | 1       |
| 24 mm              | 58 mm       | 42 mm                                | 54 mm                                  | 16 mm                   | 0714 15 01  | 1       |
| 27 mm              | 58 mm       | 46 mm                                | 54 mm                                  | 16 mm                   | 0714 15 02  | 1       |
| 30 mm              | 62 mm       | 49 mm                                | 54 mm                                  | 16 mm                   | 0714 15 03  | 1       |
| 32 mm              | 62 mm       | 52 mm                                | 54 mm                                  | 18 mm                   | 0714 15 04  | 1       |
| 33 mm              | 62 mm       | 54 mm                                | 54 mm                                  | 20 mm                   | 0714 15 33  | 1       |
| 34 mm              | 62 mm       | 54 mm                                | 54 mm                                  | 20 mm                   | 0714 15 041 | 1       |
| 36 mm              | 65 mm       | 56 mm                                | 54 mm                                  | 20 mm                   | 0714 15 05  | 1       |
| 38 mm              | 65 mm       | 58 mm                                | 54 mm                                  | 20 mm                   | 0714 15 38  | 1       |
| 41 mm              | 68 mm       | 61 mm                                | 54 mm                                  | 21 mm                   | 0714 15 41  | 1       |
| 42 mm              | 68 mm       | 64 mm                                | 54 mm                                  | 24 mm                   | 0714 15 42  | 1       |
| 46 mm              | 72 mm       | 68 mm                                | 54 mm                                  | 24 mm                   | 0714 15 46  | 1       |
| 50 mm              | 75 mm       | 74 mm                                | 54 mm                                  | 26 mm                   | 0714 15 50  | 1       |
| 55 mm              | 83 mm       | 80 mm                                | 54 mm                                  | 28 mm                   | 0714 15 55  | 1       |
| 60 mm              | 87 mm       | 86 mm                                | 54 mm                                  | 30 mm                   | 0714 15 60  | 1       |
| 65 mm              | 90 mm       | 92 mm                                | 54 mm                                  | 32 mm                   | 0714 15 65  | 1       |
| 70 mm              | 93 mm       | 97 mm                                | 54 mm                                  | 32 mm                   | 0714 15 70  | 1       |
| 75 mm              | 95 mm       | 104 mm                               | 86 mm                                  | 35 mm                   | 0714 15 75  | 1       |
| 80 mm              | 95 mm       | 112 mm                               | 86 mm                                  | 38 mm                   | 0714 15 80  | 1       |

## 1-INCH IMPACT SOCKET WRENCH ASSORTMENT



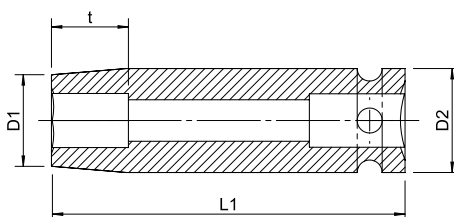
### 8 pieces. Hexagon, metric, short.

- Fits all conventional compressed air and electric drivers

|          |              |
|----------|--------------|
| Art. No. | 0714 900 600 |
| P. Qty.  | 1            |

| Contents for Art. No. | Designation                              | Art. No.   | Number |
|-----------------------|------------------------------------------|------------|--------|
| 0714 900 600          | 1-inch impact socket wrench insert 24 mm | 0714 15 01 | 1      |
|                       | 1-inch impact socket wrench insert 27 mm | 0714 15 02 | 1      |
|                       | 1-inch impact socket wrench insert 30 mm | 0714 15 03 | 1      |
|                       | 1-inch impact socket wrench insert 32 mm | 0714 15 04 | 1      |
|                       | 1-inch impact socket wrench insert 33 mm | 0714 15 33 | 1      |
|                       | 1-inch impact socket wrench insert 36 mm | 0714 15 05 | 1      |
|                       | 1-inch impact socket wrench insert 41 mm | 0714 15 41 | 1      |
|                       | 1-inch impact socket wrench insert 46 mm | 0714 15 46 | 1      |

## 1-INCH IMPACT SOCKET WRENCH INSERT



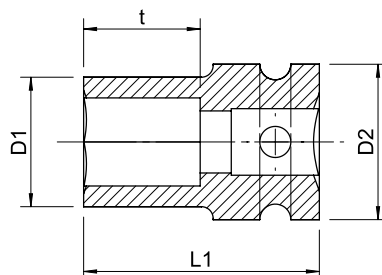
### Hexagon, metric, long

- Fits all conventional compressed air and electric drivers
- Standard: Square drive acc. to DIN 3121
- Design: forged, burnished

|       |        |
|-------|--------|
| Drive | 1 inch |
|-------|--------|

| Width across flats | Length (L1) | Socket wrench external diameter (D1) | Socket wrench external diameter 2 (D2) | Socket wrench depth (t) | Art. No.           | P. Qty. |
|--------------------|-------------|--------------------------------------|----------------------------------------|-------------------------|--------------------|---------|
| 24 mm              | 90 mm       | 42 mm                                | 54 mm                                  | 16 mm                   | <b>0714 151 24</b> | 1       |
| 27 mm              | 90 mm       | 46 mm                                | 54 mm                                  | 16 mm                   | <b>0714 151 27</b> | 1       |
| 30 mm              | 90 mm       | 49 mm                                | 54 mm                                  | 16 mm                   | <b>0714 151 30</b> | 1       |
| 32 mm              | 90 mm       | 52 mm                                | 54 mm                                  | 18 mm                   | <b>0714 151 32</b> | 1       |
| 33 mm              | 90 mm       | 54 mm                                | 54 mm                                  | 20 mm                   | <b>0714 151 33</b> | 1       |
| 34 mm              | 90 mm       | 54 mm                                | 54 mm                                  | 20 mm                   | <b>0714 151 34</b> | 1       |
| 36 mm              | 90 mm       | 56 mm                                | 54 mm                                  | 20 mm                   | <b>0714 151 36</b> | 1       |
| 38 mm              | 95 mm       | 58 mm                                | 54 mm                                  | 20 mm                   | <b>0714 151 38</b> | 1       |
| 41 mm              | 95 mm       | 61 mm                                | 54 mm                                  | 21 mm                   | <b>0714 151 41</b> | 1       |
| 46 mm              | 95 mm       | 68 mm                                | 54 mm                                  | 24 mm                   | <b>0714 151 46</b> | 1       |
| 55 mm              | 105 mm      | 80 mm                                | 54 mm                                  | 28 mm                   | <b>0714 151 55</b> | 1       |
| 60 mm              | 110 mm      | 86 mm                                | 54 mm                                  | 30 mm                   | <b>0714 151 60</b> | 1       |
| 65 mm              | 115 mm      | 92 mm                                | 54 mm                                  | 32 mm                   | <b>0714 151 65</b> | 1       |
| 70 mm              | 120 mm      | 97 mm                                | 54 mm                                  | 34 mm                   | <b>0714 151 70</b> | 1       |
| 75 mm              | 135 mm      | 104 mm                               | 86 mm                                  | 34 mm                   | <b>0714 151 75</b> | 1       |
| 80 mm              | 135 mm      | 112 mm                               | 86 mm                                  | 38 mm                   | <b>0714 151 80</b> | 1       |

## 1/2-INCH IMPACT SOCKET WRENCH INSERT



**Hexagon, metric, short with deep hexagon socket for e.g. wheel nuts**

- Fits all conventional compressed air and electric drivers
- Standard: Square drive acc. to DIN 3121
- Design: forged, burnished

|                                               |          |
|-----------------------------------------------|----------|
| <b>Drive</b>                                  | 1/2 inch |
| <b>Length (L1)</b>                            | 45 mm    |
| <b>Socket wrench external diameter 2 (D2)</b> | 30 mm    |
| <b>Socket wrench depth (t)</b>                | 20 mm    |

| Width across flats | Socket wrench external diameter (D1) | Art. No.          | P. Qty. |
|--------------------|--------------------------------------|-------------------|---------|
| 17 mm              | 25 mm                                | <b>0714 13 19</b> | 1       |
| 19 mm              | 30 mm                                | <b>0714 13 20</b> | 1       |
| 22 mm              | 32 mm                                | <b>0714 13 21</b> | 1       |
| 24 mm              | 34 mm                                | <b>0714 13 24</b> | 1       |

## 1/2-INCH IMPACT SOCKET WRENCH ASSORTMENT



**4 pieces. Hexagon, metric, short with deep hexagon socket for e.g. wheel nuts.**

- Fits all conventional compressed air and electric drivers

|                                           |                   |
|-------------------------------------------|-------------------|
| <b>Art. No.</b>                           | <b>0714 13 25</b> |
| <b>P. Qty.</b>                            | 1                 |
| <b>Number of pieces in assortment/set</b> | 4 PCS             |

| Contents for Art. No. | Designation                                | Art. No.          | Number |
|-----------------------|--------------------------------------------|-------------------|--------|
| <b>0714 13 25</b>     | 1/2-inch impact socket wrench insert 17 mm | <b>0714 13 19</b> | 1      |
|                       | 1/2-inch impact socket wrench insert 19 mm | <b>0714 13 20</b> | 1      |
|                       | 1/2-inch impact socket wrench insert 22 mm | <b>0714 13 21</b> | 1      |
|                       | 1/2-inch impact socket wrench insert 24 mm | <b>0714 13 24</b> | 1      |

## 1/4" + 1/2" SOCKET WRENCH ASSORTMENT



WÜRTH lever changeover ratchet



reddot design award  
honourable mention 2011



### With lever changeover

**Extensive combined 1/4" und 1/2" assortment for a very broad range of applications**

Hard foam with clamping effect, Art. No. 0955 090 59

Metal box 350 x 260 x 55 mm, size 4, Art. No. 0955 715 4

### Contents: 59 pieces

#### 1/4":

1 lever changeover ratchet, 1 angle extension 25 mm  
1 extension 150 mm, 1 flexible extension 150 mm  
1 cardan joint, 1 screwdriver handle 1/4"  
1 Adapter with quick-change chuck  
12 socket wrench inserts a/f:  
4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14  
15 Bits:  
PH 1, PH 2, PH 3; hexagon socket: 3, 4, 5, 6  
TX 10, 15, 20, 25, 27, 30, 40; slot 0.8 x 5.5

#### 1/2":

1 lever changeover ratchet, 1 angle extension 53 mm  
1 extension 125 mm, 1 extension 250 mm  
1 cardan joint  
19 socket wrench inserts, a/f:  
10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 26; 27;  
28; 30; 32

**Art. No. 0965 090 59**

P. Qty. 1

## 1/4-INCH, 3/8-INCH AND 1/2-INCH SOCKET WRENCH ASSORTMENT



### Contents: 77 pieces

77 pieces. Extensive TX assortment with the most common profiles.

- Tip: TX, TX with hole, TX IP, TX IPR, TX Plus, female TX
- Drive: 1/4 inch, 3/8 inch and 1/2 inch socket wrench with square drive
- Material: Chrome-vanadium steel
- Suitable for manual use in DIN 3120 ratchets
- TX IP: Timing-belt housing cover, gearbox, engine in general, etc.
- TX IPR: Plug-in pumps of pump-line-nozzle systems, air flow meter, immobiliser control unit EWS3, injection pumps, alternator etc.
- TX Plus: Flywheels, clutch fastenings etc.

**Art. No. 0965 177 7**

P. Qty. 1



## 1/4" + 1/2" SOCKET WRENCH ASSORTMENT



Hard foam with clamping effect

**Art. No. 0955 17 56**

Metal box, 350 x 260 x 55 mm, size 4

**Art. No. 0955 715 4**

**Contents: 56 pieces**

### Delivery scope 1/4"

- 1 Ratchet
- 1 Extension, 100 mm
- 1 Extension, 150 mm
- 1 Cardan joint
- 12 Socket wrenches:
- 4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm

### Delivery scope 1/2"

- 1 Ratchet
- 1 Extension, 125 mm
- 1 Extension, 250 mm
- 1 Cardan joint
- 19 Socket wrenches: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 26; 27; 28; 30; 32 mm
- 1 Handle, 1/4"
- 1 Adapter with quick-change chuck
- 15 Bits: PH 1, 2, 3; slotted 0.8 x 5.5 mm; Internal hex. 3, 4, 5, 6 mm
- TX 10, 15, 20, 25, 27, 30, 40

## 1/4" + 3/8" SOCKET SPANNER ASSORTMENT



Hard foam with clamping effect

**Art. No. 0965 17 35**

Hard foam with clamping effect

Art. No. 0955 17 35

Metal box 405 x 160 x 55 mm, size 3

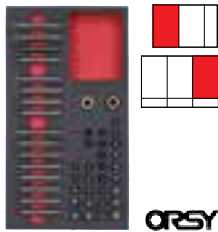
Art. No. 0955 715 3

Contents: 35 parts

- 1/4":** 1 ratchet,
- 1 extension 50, 150 mm
- 1 Cardan joint, 13 socket spanner inserts
- 4; 5; 5.5; 6; 6.3; 7; 8; 9; 10; 11; 12; 13; 14 mm

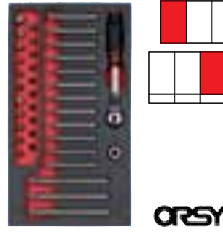
- 3/8":** 1 ratchet,
- 1 extension 75, 125, 250 mm
- 1 Cardan joint, 13 socket spanner inserts
- 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm

## TOOL SETS



ORSY

**Bit assortment, 47 pieces**  
Art.-No. 0965 900 906



ORSY

**Ratchet bit set,  
10 mm, 38 pieces**  
Art.-No. 0965 900 907



ORSY

**3/8"-Socket Spanner  
Assortment**  
Art.-No. 0965 900 102



ORSY

**1/2"- socket wrench  
assortment for inner /  
outer TX, 17 pcs**  
Art.-No. 0965 900 201



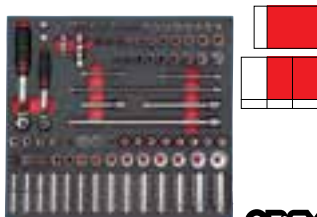
ORSY

**Socket wrench  
assortment, 33pcs, with  
1/4" drive tool.**  
Art.-No. 0965 900 001



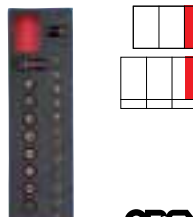
ORSY

**Hex. head socket wrench  
assortment, large 1/4" +  
1/2" 56pcs**  
Art.-No. 0965 900 901



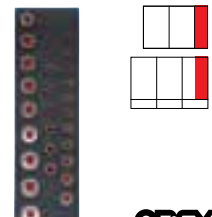
ORSY

**3/8" + 1/4" Socket  
Wrench Assortment,  
49pc**  
Art.-No. 0965 900 903



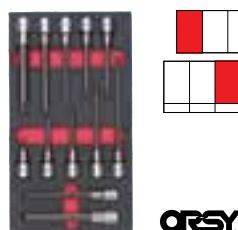
ORSY

**3/8" + 1/4" Socket  
Wrench Assortment,  
22 pc**  
Art.-No. 0965 900 904



ORSY

**3/8" + 1/4" Socket  
Wrench Assortment,  
26 pc**  
Art.-No. 0965 900 905



ORSY

**1/2" Screwdriver Inserts,  
12 pc.**  
Art.-No. 0965 900 207

## TOOL SETS



ORSY

**Tool assortment, 43 pieces**  
Art.-No. 0965 900 002



ORSY

**3/8" inch Socket wrench Assortment 42 pc**  
Art.-No. 0965 900 101



ORSY

**1/2" inch Socket Wrench Assortment 13 pc**  
Art.-No. 0965 900 205



ORSY

**1/2"- socket wrench assortment long, 11 pcs**  
Art.-No. 0965 900 206



ORSY

**1/2 inch socket wrench assortment, 23 pcs**  
Art.-No. 0965 900 001



ORSY

**1/2 inch Impact socket wrench set, 6 pcs**  
Art.-No. 0965 900 212



ORSY

**3/8" inch Socket Wrench Assortment 11 pcs**  
Art.-No. 0965 900 307



ORSY

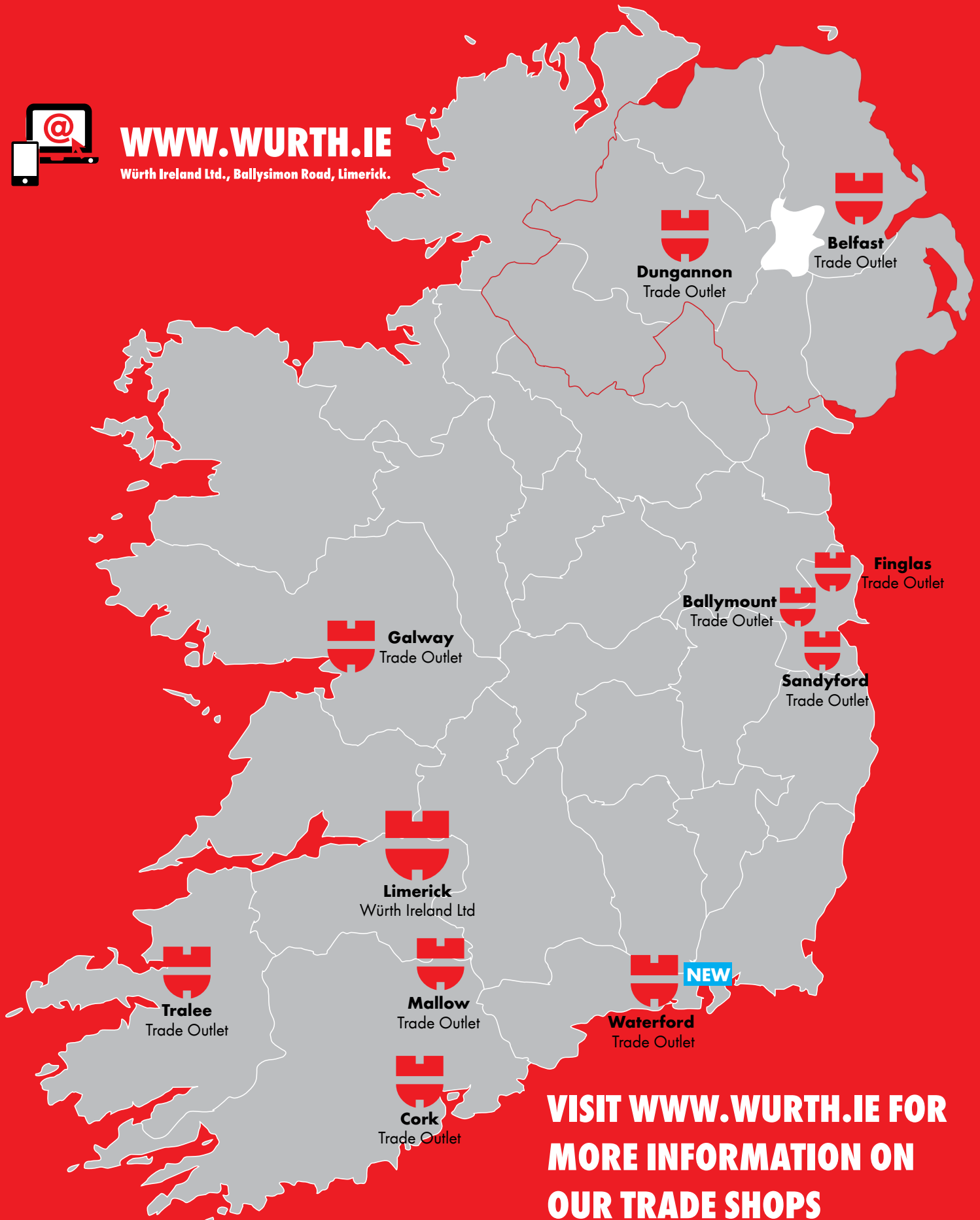
**1/4 inch Socket Wrench Assortment, 32 pcs**  
Art.-No. 0965 900 941

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