

# 02

## SPANNERS



|                                                |          |
|------------------------------------------------|----------|
| <b>COMBINATION SPANNERS</b>                    | Page 66  |
| <b>OPEN ENDED SPANNERS</b>                     | Page 80  |
| <b>HOOK AND DIN SPANNERS</b>                   | Page 87  |
| <b>RING- AND DOUBLE ENDED RING SPANNERS</b>    | Page 90  |
| <b>SLOGGING AND CONSTRUCTION RING SPANNERS</b> | Page 102 |
| <b>HEXAGON TUBULAR BOX SPANNERS</b>            | Page 107 |

To make sure each customer gets a perfect ELORA spanner, a complex manufacturing process that has been optimised over the years by highly skilled specialists is required. Below, we illustrate the main production steps in a clear overview.

One key feature of spanners made by ELORA is their excellent rigidity and resistance to bending. Thanks to a finely tuned materials selection process, tried-and-tested manufacturing techniques and tight quality controls, ELORA spanners are well able to withstand the rigours of daily use.

The ergonomically designed shape ensures a firm grip for efficient, safe work. As well as offering a dazzle-free finish, the high-grade matt chrome plating provides long-term protection against corrosion. Our other product characteristics are equally impressive.



Every ELORA spanner contains the collective skills, knowledge and experience of several generations of work in tool manufacture – a fact that is worth every cent and gives the end user the security that he or she has made a worthwhile investment in the future. This means you can look forward to highest-grade quality tools that will work perfectly for years and look great at the same time.



1.



2.a



2.b



3.



4.



5.



6.



7.



## ELO-DRIVE PROFILE

### Ring side with a wavy profile

Ring spanners, open-jaw spanners and double-ended ring spanners all feature the ELO-DRIVE profile.

For you as a customer, this means:

- High force transmission to the flats of the fastener without damaging the head
- Efficient, safe working

### 1. Blanking

The starting material is high-grade ELORA chrome vanadium 31 CrV3 /1.2208. The cropped blank for the spanner is cut from the rough blank.

The characteristic shape is recognisable even at this early stage.

### 2. Hot forging & flash removal

- a. The cropped blank is heated in a furnace to the correct forging temperature and then drop forged in this hot state using high press forces.
- b. Following this, the flash is then removed using flash-removal presses.

### 3. Hole punching

In the next step, the hole at the ring-end of the spanner is punched.

### 4. Grinding & vibro-deburring

The subsequent grinding process ensures the tool has a smooth outside surface.

Any sharp edges and flash still remaining are then removed by vibro-deburring.

### 5. Ring and jaw broaching

The purpose of the broaching operation is to ensure the ring and jaw ends have exactly the right dimensions.

### 6. Profile punching

The individual marking that identifies our spanners around the world is added during the profile punching operation.

### 7. Hardening and tempering

This special heat treatment ensures our spanners enjoy the longest possible service lifetimes. The tool's tensile strength is provided by precise hardening and the high level of ductility by the tempering process.

### 8. Sand blasting & head polishing

To make sure the spanner has a matt, non-slip surface, we sand-blast it. The jaw-end is then also polished to give it a smooth finish.

### 9. Chrome-plating

Finally, the spanner is nickel-plated and chrome-plated in an electroplating process. The final product now boasts effective surface protection and a specially high-grade appearance. Typically ELORA.

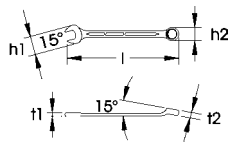
ELORA 205 EBERMAN



## 205-..., 205A-..., 205W-...

## COMBINATION SPANNER

- long version, both ends fit same nut size
- cranked
- size 5 and 5,5 mm: ring side in hexagon
- up to 34 mm, 1.1/4" AF, 3/4" WW:  
jaw polished, shaft chrome plated,  
all further sizes matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form B, ISO 3318, ISO 7738



| Code           | Number           | l/mm | h1 (max.)<br>mm | h2 (max.)<br>mm | t1 (max.)<br>mm | t2 (max.)<br>mm | Pieces | Weight/g |
|----------------|------------------|------|-----------------|-----------------|-----------------|-----------------|--------|----------|
| 0205000051000  | 205-5            | 123  | 16,5            | 10,0            | 4,4             | 6               | 12     | 20       |
| 02050000551001 | 205-5,5          | 123  | 16,5            | 10,0            | 4,4             | 6               | 12     | 20       |
| 0205000061000  | 205-6            | 127  | 18,0            | 11,0            | 4,4             | 6,9             | 12     | 20       |
| 0205000071000  | 205-7            | 127  | 18,0            | 12,5            | 4,4             | 6,9             | 12     | 22       |
| 0205000081000  | 205-8            | 139  | 20,5            | 14,0            | 4,7             | 7,5             | 12     | 30       |
| 0205000091000  | 205-9            | 144  | 22,5            | 15,5            | 4,7             | 8,1             | 12     | 40       |
| 0205000101000  | 205-10           | 149  | 24,0            | 16,5            | 5,2             | 8,5             | 12     | 40       |
| 0205000111000  | 205-11           | 162  | 27,0            | 18,5            | 5,3             | 9,3             | 12     | 60       |
| 0205000121000  | 205-12           | 170  | 29,0            | 19,5            | 5,4             | 9,8             | 6      | 75       |
| 0205000131000  | 205-13           | 177  | 30,0            | 21,0            | 5,8             | 10,2            | 6      | 75       |
| 0205000141000  | 205-14           | 194  | 33,0            | 22,5            | 6,3             | 10,9            | 6      | 88       |
| 0205000151000  | 205-15           | 214  | 35,5            | 25,5            | 6,7             | 11,7            | 6      | 120      |
| 0205000161000  | 205-16           | 214  | 35,5            | 25,5            | 6,7             | 11,7            | 6      | 120      |
| 0205000171000  | 205-17           | 234  | 39,0            | 27,0            | 7,2             | 12,7            | 6      | 150      |
| 0205000181000  | 205-18           | 245  | 41,0            | 28,5            | 7,6             | 13,3            | 6      | 160      |
| 0205000191000  | 205-19           | 256  | 41,0            | 30,0            | 7,6             | 13,3            | 6      | 190      |
| 0205000201000  | 205-20           | 274  | 45,0            | 33,0            | 8,0             | 14,2            | 6      | 220      |
| 0205000211000  | 205-21           | 274  | 45,0            | 33,0            | 8,0             | 14,2            | 6      | 220      |
| 0205000221000  | 205-22           | 295  | 48,0            | 34,5            | 8,4             | 15,0            | 6      | 290      |
| 0205000231000  | 205-23           | 319  | 51,0            | 37,0            | 9,0             | 15,9            | 3      | 325      |
| 0205000241000  | 205-24           | 319  | 51,0            | 37,0            | 9,0             | 15,9            | 3      | 325      |
| 0205000251000  | 205-25           | 344  | 55,0            | 39,0            | 9,7             | 17,0            | 3      | 390      |
| 0205000261000  | 205-26           | 344  | 55,0            | 39,0            | 9,7             | 17,0            | 3      | 390      |
| 0205000271000  | 205-27           | 369  | 60,0            | 43,0            | 10,4            | 18,5            | 3      | 510      |
| 0205000281000  | 205-28           | 369  | 60,0            | 43,0            | 10,4            | 18,5            | 3      | 510      |
| 0205000291000  | 205-29           | 394  | 64,0            | 45,0            | 11,2            | 19,6            | 3      | 605      |
| 0205000301000  | 205-30           | 394  | 64,0            | 45,0            | 11,2            | 19,6            | 3      | 605      |
| 0205000321000  | 205-32           | 419  | 69,0            | 48,0            | 11,7            | 20,7            | 3      | 770      |
| 0205000331000  | 205-33           | 419  | 69,0            | 48,0            | 11,7            | 20,7            | 3      | 770      |
| 0205000341000  | 205-34           | 419  | 69,0            | 48,0            | 11,7            | 20,7            | 3      | 770      |
| 0205000361000  | 205-36           | 459  | 77,0            | 55,0            | 12,7            | 22,9            | 3      | 950      |
| 0205000381000  | 205-38 / 1.1/2   | 459  | 77,0            | 55,0            | 12,7            | 22,9            | 3      | 950      |
| 0205000411000  | 205-41 / 1.5/8   | 509  | 86,0            | 61,0            | 13,7            | 24,9            | 3      | 1350     |
| 0205000461000  | 205-46 / 1.13/16 | 521  | 93,0            | 66,0            | 14,7            | 25,8            | 1      | 1750     |
| 0205000501000  | 205-50           | 560  | 104,0           | 74,0            | 16,7            | 26,6            | 1      | 2225     |
| 0205000551000  | 205-55           | 570  | 112,0           | 82,0            | 19,6            | 29,0            | 1      | 2640     |
| 0205000601000  | 205-60           | 660  | 122,0           | 88,0            | 21,0            | 32,0            | 1      | 3700     |
| 0205000651000  | 205-65           | 710  | 130,0           | 97,0            | 23,0            | 34,0            | 1      | 4600     |
| 0205000701000  | 205-70           | 760  | 142,0           | 104,0           | 25,0            | 36,0            | 1      | 5600     |
| 0205000751000  | 205-75           | 810  | 150,0           | 110,0           | 27,0            | 40,0            | 1      | 6600     |
| 0205000801000  | 205-80           | 855  | 160,0           | 116,0           | 30,0            | 45,0            | 1      | 8900     |



| Code          | Number           | l/mm | h1 (max.)<br>mm |
|---------------|------------------|------|-----------------|
| 0205100131000 | 205A-1/4         | 127  | 18,5            |
| 0205100171000 | 205A-5/16        | 139  | 20,5            |
| 0205100181000 | 205A-11/32       | 144  | 22,5            |
| 0205100191000 | 205A-3/8         | 149  | 24,0            |
| 0205100211000 | 205A-7/16        | 162  | 27,0            |
| 0205100231000 | 205A-1/2         | 177  | 30,0            |
| 0205100241000 | 205A-9/16        | 194  | 33,0            |
| 0205100251000 | 205A-19/32       | 214  | 35,5            |
| 0205100261000 | 205A-5/8         | 214  | 35,5            |
| 0205100271000 | 205A-11/16       | 234  | 39,0            |
| 0205100281000 | 205A-3/4         | 256  | 41,0            |
| 0205100301000 | 205A-13/16       | 274  | 45,0            |
| 0205100311000 | 205A-7/8         | 295  | 48,0            |
| 0205100321000 | 205A-15/16       | 319  | 51,0            |
| 0205100341000 | 205A-1           | 344  | 55,0            |
| 0205100351000 | 205A-1.1/16      | 369  | 60,0            |
| 0205100361000 | 205A-1.1/8       | 369  | 60,0            |
| 0205100371000 | 205A-1.3/16      | 394  | 64,0            |
| 0205100381000 | 205A-1.1/4       | 419  | 69,0            |
| 0205100391000 | 205A-1.5/16      | 419  | 69,0            |
| 0205100401000 | 205A-1.3/8       | 459  | 77,0            |
| 0205100411000 | 205A-1.7/16      | 459  | 77,0            |
| 0205000381000 | 205-38 / 1.1/2   | 459  | 77,0            |
| 0205000411000 | 205-41 / 1.5/8   | 509  | 86,0            |
| 0205100451000 | 205A-1.11/16     | 509  | 86,0            |
| 0205100461000 | 205A-1.3/4       | 521  | 93,0            |
| 0205000461000 | 205-46 / 1.13/16 | 521  | 93,0            |
| 0205100481000 | 205A-1.7/8       | 521  | 93,0            |
| 0205100491000 | 205A-2           | 560  | 104,0           |
| 0205100501000 | 205A-2.1/16      | 560  | 104,0           |
| 0205100511000 | 205A-2.1/8       | 570  | 112,0           |
| 0205100521000 | 205A-2.3/16      | 570  | 112,0           |
| 0205100531000 | 205A-2.1/4       | 570  | 112,0           |
| 0205100551000 | 205A-2.3/8       | 660  | 122,0           |
| 0205100571000 | 205A-2.1/2       | 710  | 130,0           |
| 0205100581000 | 205A-2.9/16      | 710  | 130,0           |
| 0205100601000 | 205A-2.3/4       | 760  | 142,0           |
| 0205100631000 | 205A-3           | 810  | 150,0           |
| 0205100651000 | 205A-3.1/4       | 855  | 160,0           |



02



|  | h2 (max.)<br>mm | t1 (max.)<br>mm | t2 (max.)<br>mm | Pieces<br> | Weight/g<br> | Code          | Number     | l/mm<br> | h1 (max.)<br>mm | h2 (max.)<br>mm | t1 (max.)<br>mm | t2 (max.)<br>mm | Pieces<br> | Weight/g<br> |
|--|-----------------|-----------------|-----------------|------------|--------------|---------------|------------|----------|-----------------|-----------------|-----------------|-----------------|------------|--------------|
|  | 11,4            | 4,4             | 6,9             | 12         | 20           | 0205200061000 | 205W-1/8   | 144      | 22,5            | 15,5            | 4,7             | 8,1             | 12         | 40           |
|  | 14,0            | 4,7             | 7,5             | 12         | 30           | 0205200091000 | 205W-3/16  | 162      | 27,0            | 18,5            | 5,3             | 9,3             | 12         | 60           |
|  | 15,5            | 4,7             | 8,1             | 12         | 40           | 0205200131000 | 205W-1/4   | 177      | 30,0            | 21,0            | 5,8             | 10,2            | 6          | 72           |
|  | 16,5            | 5,2             | 8,5             | 12         | 40           | 0205200171000 | 205W-5/16  | 214      | 35,5            | 25,5            | 6,7             | 11,7            | 6          | 120          |
|  | 18,5            | 5,3             | 9,3             | 12         | 60           | 0205200191000 | 205W-3/8   | 245      | 41,0            | 28,5            | 7,6             | 13,3            | 6          | 175          |
|  | 21,0            | 5,8             | 10,2            | 6          | 72           | 0205200211000 | 205W-7/16  | 274      | 45,0            | 33,0            | 8,0             | 14,2            | 6          | 220          |
|  | 22,5            | 6,3             | 10,9            | 6          | 88           | 0205200231000 | 205W-1/2   | 319      | 51,0            | 37,0            | 9,0             | 15,9            | 3          | 325          |
|  | 25,5            | 6,7             | 11,7            | 6          | 120          | 0205200241000 | 205W-9/16  | 344      | 55,0            | 39,0            | 9,7             | 17,0            | 3          | 390          |
|  | 25,5            | 6,7             | 11,7            | 6          | 120          | 0205200261000 | 205W-5/8   | 369      | 60,0            | 43,0            | 10,4            | 18,5            | 3          | 510          |
|  | 27,0            | 7,2             | 12,7            | 6          | 150          | 0205200271000 | 205W-11/16 | 394      | 64,0            | 45,0            | 11,2            | 19,6            | 3          | 605          |
|  | 30,0            | 7,6             | 13,3            | 6          | 175          | 0205200281000 | 205W-3/4   | 419      | 69,0            | 48,0            | 11,7            | 20,7            | 3          | 770          |
|  | 33,0            | 8,0             | 14,2            | 6          | 220          | 0205200311000 | 205W-7/8   | 459      | 77,0            | 55,0            | 12,7            | 22,9            | 3          | 950          |
|  | 34,5            | 8,4             | 15,0            | 6          | 290          | 0205200321000 | 205W-15/16 | 509      | 86,0            | 61,0            | 13,7            | 24,9            | 3          | 1350         |
|  | 37,0            | 9,0             | 15,9            | 3          | 325          | 0205200341000 | 205W-1     | 509      | 86,0            | 61,0            | 13,7            | 24,9            | 3          | 1340         |
|  | 39,0            | 9,7             | 17,0            | 3          | 390          |               |            |          |                 |                 |                 |                 |            |              |
|  | 43,0            | 10,4            | 18,5            | 3          | 510          |               |            |          |                 |                 |                 |                 |            |              |
|  | 43,0            | 10,4            | 18,5            | 3          | 510          |               |            |          |                 |                 |                 |                 |            |              |
|  | 45,0            | 11,2            | 19,6            | 3          | 605          |               |            |          |                 |                 |                 |                 |            |              |
|  | 48,0            | 11,7            | 20,7            | 3          | 770          |               |            |          |                 |                 |                 |                 |            |              |
|  | 48,0            | 11,7            | 20,7            | 3          | 770          |               |            |          |                 |                 |                 |                 |            |              |
|  | 55,0            | 12,7            | 22,9            | 3          | 950          |               |            |          |                 |                 |                 |                 |            |              |
|  | 55,0            | 12,7            | 22,9            | 3          | 950          |               |            |          |                 |                 |                 |                 |            |              |
|  | 55,0            | 12,7            | 22,9            | 3          | 950          |               |            |          |                 |                 |                 |                 |            |              |
|  | 61,0            | 13,7            | 24,9            | 3          | 1350         |               |            |          |                 |                 |                 |                 |            |              |
|  | 61,0            | 13,7            | 24,9            | 3          | 1340         |               |            |          |                 |                 |                 |                 |            |              |
|  | 66,0            | 14,7            | 25,8            | 1          | 1750         |               |            |          |                 |                 |                 |                 |            |              |
|  | 66,0            | 14,7            | 25,8            | 1          | 1750         |               |            |          |                 |                 |                 |                 |            |              |
|  | 66,0            | 14,7            | 25,8            | 1          | 1750         |               |            |          |                 |                 |                 |                 |            |              |
|  | 74,0            | 16,7            | 26,6            | 1          | 2200         |               |            |          |                 |                 |                 |                 |            |              |
|  | 74,0            | 16,7            | 26,6            | 1          | 2200         |               |            |          |                 |                 |                 |                 |            |              |
|  | 82,0            | 19,6            | 29,0            | 1          | 2900         |               |            |          |                 |                 |                 |                 |            |              |
|  | 82,0            | 19,6            | 29,0            | 1          | 2900         |               |            |          |                 |                 |                 |                 |            |              |
|  | 82,0            | 19,6            | 29,0            | 1          | 2900         |               |            |          |                 |                 |                 |                 |            |              |
|  | 88,0            | 21,0            | 32,0            | 1          | 3900         |               |            |          |                 |                 |                 |                 |            |              |
|  | 97,0            | 23,0            | 34,0            | 1          | 4700         |               |            |          |                 |                 |                 |                 |            |              |
|  | 97,0            | 23,0            | 34,0            | 1          | 4700         |               |            |          |                 |                 |                 |                 |            |              |
|  | 104,0           | 25,0            | 36,0            | 1          | 5600         |               |            |          |                 |                 |                 |                 |            |              |
|  | 110,0           | 27,0            | 40,0            | 1          | 6600         |               |            |          |                 |                 |                 |                 |            |              |
|  | 116,0           | 30,0            | 45,0            | 1          | 7500         |               |            |          |                 |                 |                 |                 |            |              |

## 205S...M, 205S...AF, 205S...W

### COMBINATION SPANNER SET

- carton box packed
- long version, both ends fit same nut size
- cranked
- jaw polished, shaft matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form B, ISO 3318, ISO 7738



| Code          | Number     | Contents                                                                                                   | Pieces | Weight/g |
|---------------|------------|------------------------------------------------------------------------------------------------------------|--------|----------|
| 0205500801000 | 205S 8M    | 205- 8, 10, 11, 13, 14, 17, 19, 22 mm                                                                      | 1      | 920      |
| 0205501001000 | 205S 10M   | 205- 6, 7, 8, 9, 10, 11, 13, 14, 17, 19 mm                                                                 | 1      | 775      |
| 0205501201000 | 205S 12M   | 205- 6, 7, 8, 9, 10, 11, 13, 14, 16, 17, 19, 22 mm                                                         | 1      | 1300     |
| 0205501201002 | 205S 12M-1 | 205- 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm                                                     | 1      | 3178     |
| 0205501601000 | 205S 16M   | 205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm                                         | 1      | 3300     |
| 0205501701000 | 205S 17M   | 205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm                                     | 1      | 1617     |
| 0205501801000 | 205S 18M   | 205- 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32, 34 mm                               | 1      | 4600     |
| 0205502501000 | 205S 25M   | 205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32 mm     | 1      | 6020     |
| 0205502601000 | 205S 26M   | 205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm | 1      | 6625     |

| Code          | Number     | Contents                                                                                              | Pieces | Weight/g |
|---------------|------------|-------------------------------------------------------------------------------------------------------|--------|----------|
| 0205600801000 | 205S 8AF   | 205A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 AF                                                  | 1      | 810      |
| 0205600801002 | 205S 8AF-1 | 205A- 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8", 1 AF                                                      | 1      | 1235     |
| 0205601101000 | 205S 11AF  | 205A- 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 AF                                 | 1      | 1300     |
| 0205601201000 | 205S 12AF  | 205A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 AF                            | 1      | 2060     |
| 0205601601000 | 205S 16AF  | 205A- 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/4 AF | 1      | 3410     |

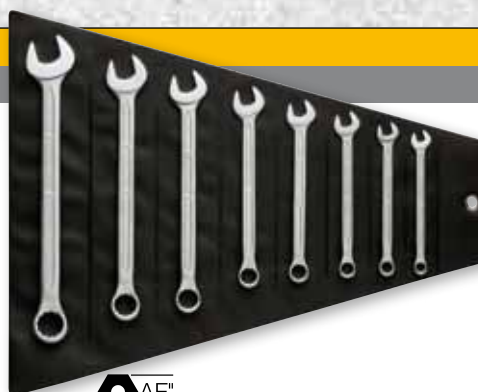


| Code          | Number   | Contents                                                             | Pieces | Weight/g |
|---------------|----------|----------------------------------------------------------------------|--------|----------|
| 0205800601000 | 205S 6W  | 205W- 3/16, 1/4, 5/16, 3/8, 7/16, 1/2 WW                             | 1      | 980      |
| 0205800801000 | 205S 8W  | 205W- 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4 WW                   | 1      | 2340     |
| 0205801101000 | 205S 11W | 205W- 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 WW | 1      | 3287     |

## 205S...MSB, 205S...AFSB

### COMBINATION SPANNER SET

- in plastic rolling pouch
- with suspension eye
- long version, both ends fit same nut size
- cranked
- jaw polished, shaft matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form B, ISO 3318, ISO 7738



| Code          | Number     | Contents                                           | Pieces | Weight/g |
|---------------|------------|----------------------------------------------------|--------|----------|
| 0205500801500 | 205S 8MSB  | 205- 8, 10, 11, 13, 14, 17, 19, 22 mm              | 1      | 1000     |
| 0205501201500 | 205S 12MSB | 205- 6, 7, 8, 9, 10, 11, 13, 14, 16, 17, 19, 22 mm | 1      | 1250     |

| Code          | Number      | Contents                                                                     | Pieces | Weight/g |
|---------------|-------------|------------------------------------------------------------------------------|--------|----------|
| 0205600801500 | 205S 8AFSB  | 205A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 AF                         | 1      | 850      |
| 0205601201500 | 205S 12AFSB | 205A- 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8 AF | 1      | 1570     |

**205S...MT****COMBINATION SPANNER SET**

- in Teton rolling pouch
- with suspension eye
- long version, both ends fit same nut size
- cranked
- jaw polished, shaft matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form B, ISO 3318, ISO 7738



02

| Code          | Number    | Contents                                                                                                   | Pieces<br> | Weight/g<br> |
|---------------|-----------|------------------------------------------------------------------------------------------------------------|------------|--------------|
| 0205500801005 | 205S 8MT  | 205- 8, 10, 11, 13, 14, 17, 19, 22 mm                                                                      | 1          | 1120         |
| 0205501201005 | 205S 12MT | 205- 6, 7, 8, 9, 10, 11, 13, 14, 16, 17, 19, 22 mm                                                         | 1          | 1500         |
| 0205501601005 | 205S 16MT | 205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm                                         | 1          | 3700         |
| 0205501701005 | 205S 17MT | 205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm                                     | 1          | 1917         |
| 0205501801005 | 205S 18MT | 205- 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32, 34 mm                               | 1          | 5200         |
| 0205502601005 | 205S 26MT | 205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm | 1          | 7125         |

**205-KH9****COMBINATION SPANNER SET**

- in black plastic holder
- long version, both ends fit same nut size
- cranked
- jaw polished, shaft matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form B, ISO 3318, ISO 7738



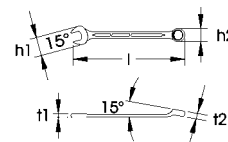
| Code          | Number   | Contents                                  | Pieces<br> | Weight/g<br> |
|---------------|----------|-------------------------------------------|------------|--------------|
| 0205500902000 | 205-KH 9 | 205- 8, 10, 11, 12, 13, 14, 17, 19, 22 mm | 1          | 1155         |

**You will find the matching OMS-1 module on page no. 41****You will find the matching MS-8 module on page no. 42**

## 200-...

### COMBINATION SPANNER, STAINLESS

- to operate rustless bolted connections
- long version, both ends fit same nut size
- cranked
- no galvanic surface treatment
- ELORA-Stainless Steel X20CR13 / 1.4021
- according to DIN 3113, Form B, ISO 3318, ISO 7738



| Code          | Number | l/mm<br> | h1<br>mm | h2<br>mm | t1<br>mm | t2<br>mm | Pieces<br> | Weight/g<br> |
|---------------|--------|----------|----------|----------|----------|----------|------------|--------------|
| 0200000080000 | 200-8  | 139      | 21,4     | 14,2     | 5,3      | 7,5      | 12         | 30           |
| 0200000100000 | 200-10 | 149      | 24,5     | 17,0     | 5,8      | 8,5      | 12         | 39           |
| 0200000110000 | 200-11 | 162      | 27,7     | 18,7     | 6,0      | 9,3      | 12         | 56           |
| 0200000130000 | 200-13 | 177      | 30,6     | 21,3     | 6,6      | 10,2     | 6          | 68           |
| 0200000140000 | 200-14 | 194      | 33,5     | 22,7     | 7,0      | 10,9     | 6          | 94           |
| 0200000160000 | 200-16 | 214      | 36,0     | 25,9     | 7,4      | 11,7     | 6          | 120          |
| 0200000170000 | 200-17 | 234      | 39,5     | 27,2     | 7,9      | 12,7     | 6          | 142          |
| 0200000180000 | 200-18 | 245      | 41,9     | 28,6     | 8,3      | 13,3     | 6          | 160          |
| 0200000190000 | 200-19 | 256      | 41,9     | 30,1     | 8,3      | 13,3     | 6          | 168          |
| 0200000220000 | 200-22 | 295      | 48,7     | 34,9     | 9,3      | 15,0     | 6          | 272          |
| 0200000240000 | 200-24 | 319      | 51,7     | 37,1     | 9,8      | 15,9     | 3          | 325          |
| 0200000270000 | 200-27 | 369      | 60,1     | 43,0     | 11,3     | 18,5     | 3          | 500          |
| 0200000300000 | 200-30 | 394      | 64,8     | 45,9     | 12,1     | 19,6     | 3          | 605          |
| 0200000320000 | 200-32 | 419      | 69,3     | 48,9     | 12,7     | 20,7     | 3          | 770          |

## MS-8

### COMBINATION SPANNER SET, STAINLESS

- in plastic box
- to operate rustless bolted connections
- long version, both ends fit same nut size
- cranked
- no galvanic surface treatment
- ELORA-Stainless Steel X20CR13 / 1.4021
- DIN 3113, Form B / ISO 3318
- according to DIN 3113, Form B, ISO 3318, ISO 7738

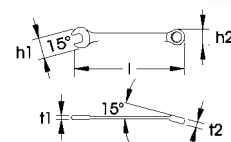


| Code          | Number | Contents                              | Pieces<br> | Weight/g<br> |
|---------------|--------|---------------------------------------|------------|--------------|
| 0000507001000 | MS-8   | 200- 8, 10, 11, 13, 14, 17, 19, 22 mm | 1          | 1000         |

## 203-..., 203A...

## COMBINATION SPANNER

- short version,  
both ends fit same nut size
- bent
- matt chrome plated
- ELORA-Chrome-Vanadium  
31 CrV 3 / 1.2208
- according to DIN 3113,  
Form A, ISO 3318, ISO 7738



| Code          | Number |  l/mm |  h1 mm |  h2 mm |  t1 mm |  t2 mm |  Pieces |  Weight/g |
|---------------|--------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 0203000061000 | 203-6  | 103                                                                                    | 16,0                                                                                    | 11,0                                                                                    | 4,0                                                                                     | 6,0                                                                                     | 12                                                                                       | 15                                                                                         |
| 0203000071000 | 203-7  | 108                                                                                    | 16,0                                                                                    | 12,5                                                                                    | 4,0                                                                                     | 6,0                                                                                     | 12                                                                                       | 15                                                                                         |
| 0203000081000 | 203-8  | 112                                                                                    | 18,5                                                                                    | 14,0                                                                                    | 4,2                                                                                     | 7,0                                                                                     | 12                                                                                       | 22                                                                                         |
| 0203000091000 | 203-9  | 124                                                                                    | 20,5                                                                                    | 16,0                                                                                    | 4,2                                                                                     | 7,0                                                                                     | 12                                                                                       | 26                                                                                         |
| 0203000101000 | 203-10 | 132                                                                                    | 21,5                                                                                    | 16,5                                                                                    | 4,7                                                                                     | 7,4                                                                                     | 12                                                                                       | 33                                                                                         |
| 0203000111000 | 203-11 | 142                                                                                    | 23,5                                                                                    | 18,0                                                                                    | 5,3                                                                                     | 7,9                                                                                     | 12                                                                                       | 40                                                                                         |
| 0203000121000 | 203-12 | 155                                                                                    | 26,0                                                                                    | 19,5                                                                                    | 5,4                                                                                     | 8,4                                                                                     | 12                                                                                       | 56                                                                                         |
| 0203000131000 | 203-13 | 162                                                                                    | 28,0                                                                                    | 20,5                                                                                    | 5,8                                                                                     | 8,4                                                                                     | 12                                                                                       | 57                                                                                         |
| 0203000141000 | 203-14 | 172                                                                                    | 30,0                                                                                    | 22,5                                                                                    | 5,9                                                                                     | 9,3                                                                                     | 12                                                                                       | 70                                                                                         |
| 0203000151000 | 203-15 | 187                                                                                    | 30,5                                                                                    | 23,5                                                                                    | 6,2                                                                                     | 9,3                                                                                     | 12                                                                                       | 70                                                                                         |
| 0203000161000 | 203-16 | 196                                                                                    | 34,0                                                                                    | 25,5                                                                                    | 6,3                                                                                     | 10,3                                                                                    | 6                                                                                        | 90                                                                                         |
| 0203000171000 | 203-17 | 208                                                                                    | 34,0                                                                                    | 26,5                                                                                    | 6,3                                                                                     | 10,3                                                                                    | 6                                                                                        | 90                                                                                         |
| 0203000181000 | 203-18 | 220                                                                                    | 38,0                                                                                    | 28,5                                                                                    | 6,7                                                                                     | 11,3                                                                                    | 6                                                                                        | 130                                                                                        |
| 0203000191000 | 203-19 | 226                                                                                    | 40,0                                                                                    | 29,5                                                                                    | 7,4                                                                                     | 11,3                                                                                    | 6                                                                                        | 130                                                                                        |
| 0203000201000 | 203-20 | 230                                                                                    | 41,0                                                                                    | 31,5                                                                                    | 7,6                                                                                     | 12,3                                                                                    | 6                                                                                        | 175                                                                                        |
| 0203000211000 | 203-21 | 230                                                                                    | 41,0                                                                                    | 31,5                                                                                    | 7,6                                                                                     | 12,3                                                                                    | 6                                                                                        | 170                                                                                        |
| 0203000221000 | 203-22 | 246                                                                                    | 46,0                                                                                    | 34,0                                                                                    | 8,4                                                                                     | 12,3                                                                                    | 6                                                                                        | 170                                                                                        |
| 0203000231000 | 203-23 | 270                                                                                    | 49,0                                                                                    | 36,0                                                                                    | 8,6                                                                                     | 13,3                                                                                    | 3                                                                                        | 245                                                                                        |
| 0203000241000 | 203-24 | 270                                                                                    | 49,0                                                                                    | 36,0                                                                                    | 8,6                                                                                     | 13,3                                                                                    | 3                                                                                        | 250                                                                                        |
| 0203000251000 | 203-25 | 288                                                                                    | 54,0                                                                                    | 38,0                                                                                    | 9,0                                                                                     | 13,3                                                                                    | 3                                                                                        | 320                                                                                        |
| 0203000261000 | 203-26 | 288                                                                                    | 54,0                                                                                    | 38,0                                                                                    | 9,5                                                                                     | 14,3                                                                                    | 3                                                                                        | 320                                                                                        |
| 0203000271000 | 203-27 | 316                                                                                    | 58,0                                                                                    | 42,0                                                                                    | 10,2                                                                                    | 15,4                                                                                    | 3                                                                                        | 400                                                                                        |
| 0203000281000 | 203-28 | 316                                                                                    | 58,0                                                                                    | 42,0                                                                                    | 10,2                                                                                    | 15,4                                                                                    | 3                                                                                        | 400                                                                                        |
| 0203000291000 | 203-29 | 339                                                                                    | 63,0                                                                                    | 45,0                                                                                    | 11,2                                                                                    | 17,2                                                                                    | 3                                                                                        | 455                                                                                        |
| 0203000301000 | 203-30 | 339                                                                                    | 63,0                                                                                    | 45,0                                                                                    | 11,2                                                                                    | 17,2                                                                                    | 3                                                                                        | 510                                                                                        |
| 0203000321000 | 203-32 | 362                                                                                    | 66,0                                                                                    | 48,0                                                                                    | 11,8                                                                                    | 18,6                                                                                    | 3                                                                                        | 600                                                                                        |
| 0203000341000 | 203-34 | 390                                                                                    | 72,0                                                                                    | 50,0                                                                                    | 13,5                                                                                    | 20,0                                                                                    | 3                                                                                        | 720                                                                                        |

[illegible]

## 203S...M, 203S...AF

### COMBINATION SPANNER SET

- carton box packed
- short version, both ends fit same nut size
- bent
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form A, ISO 3318, ISO 7738



| Code          | Number     | Contents                                                                                                   | Pieces | Weight/g |
|---------------|------------|------------------------------------------------------------------------------------------------------------|--------|----------|
| 0203500801000 | 203S 8M    | 203- 8, 10, 11, 13, 14, 17, 19, 22 mm                                                                      | 1      | 610      |
| 0203500801002 | 203S 8M-1  | 203- 8, 9, 10, 11, 13, 14, 17, 19 mm                                                                       | 1      | 470      |
| 0203501001000 | 203S 10M   | 203- 6, 7, 8, 9, 10, 11, 13, 14, 17, 19 mm                                                                 | 1      | 520      |
| 0203501201000 | 203S 12M   | 203- 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22 mm                                                       | 1      | 860      |
| 0203501201002 | 203S 12M-1 | 203- 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm                                                     | 1      | 2400     |
| 0203501601000 | 203S 16M   | 203- 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm                                         | 1      | 2470     |
| 0203501701000 | 203S 17M   | 203- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm                                     | 1      | 1380     |
| 0203501801000 | 203S 18M   | 203- 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32, 34 mm                               | 1      | 4600     |
| 0203502501000 | 203S 25M   | 203- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32 mm     | 1      | 4500     |
| 0203502601000 | 203S 26M   | 203- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm | 1      | 4840     |

| Code          | Number    | Contents                                                                                              | Pieces | Weight/g |
|---------------|-----------|-------------------------------------------------------------------------------------------------------|--------|----------|
| 0203600801000 | 203S 8AF  | 203A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 AF                                                  | 1      | 480      |
| 0203601001000 | 203S 10AF | 203A- 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8 AF                                        | 1      | 800      |
| 0203601201000 | 203S 12AF | 203A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 AF                            | 1      | 2060     |
| 0203601601000 | 203S 16AF | 203A- 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/4 AF | 1      | 3410     |
|               |           |                                                                                                       |        |          |
|               |           |                                                                                                       |        |          |
|               |           |                                                                                                       |        |          |
|               |           |                                                                                                       |        |          |
|               |           |                                                                                                       |        |          |

## 203S...MSB, 203S...ASB

### COMBINATION SPANNER SET

- in plastic rolling pouch
- with suspension eye
- short version, both ends fit same nut size
- bent
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form A, ISO 3318, ISO 7738



| Code          | Number     | Contents                                           | Pieces | Weight/g |
|---------------|------------|----------------------------------------------------|--------|----------|
| 0203500801500 | 203S 8MSB  | 203- 8, 10, 11, 13, 14, 17, 19, 22 mm              | 1      | 670      |
| 0203501201500 | 203S 12MSB | 203- 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22 mm | 1      | 800      |

| Code          | Number     | Contents                                                       | Pieces | Weight/g |
|---------------|------------|----------------------------------------------------------------|--------|----------|
| 0203600801500 | 203S 8ASB  | 203A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 AF           | 1      | 600      |
| 0203601001500 | 203S 10ASB | 203A- 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8 AF | 1      | 800      |

### 203S...MT

#### COMBINATION SPANNER SET

- in Tetoron rolling pouch
- with suspension eye
- short version, both ends fit same nut size
- bent
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form A, ISO 3318, ISO 7738



02

| Code          | Number    | Contents                                             | Pieces<br> | Weight/g<br> |
|---------------|-----------|------------------------------------------------------|------------|--------------|
| 0203500801005 | 203S 8MT  | 203- 8, 10, 11, 13, 14, 17, 19, 22 mm                | 1          | 810          |
| 0203501201005 | 203S 12MT | 203- 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22 mm | 1          | 1060         |

### 203-KH9

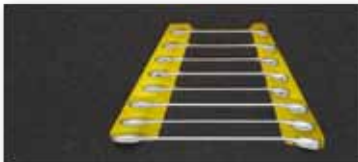
#### COMBINATION SPANNER SET

- in black plastic holder
- short version, both ends fit same nut size
- bent
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form A, ISO 3318, ISO 7738

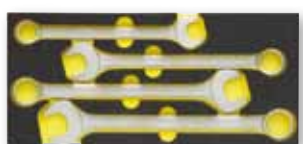


| Code          | Number   | Contents                                  | Pieces<br> | Weight/g<br> |
|---------------|----------|-------------------------------------------|------------|--------------|
| 0203500902000 | 203-KH 9 | 203- 8, 10, 11, 12, 13, 14, 17, 19, 22 mm | 1          | 860          |

You will find the matching OMS-9 module on page no. ...



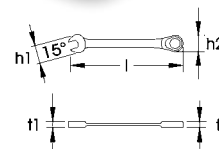
You will find the matching OMS-22 module on page no. ...



## 204-...

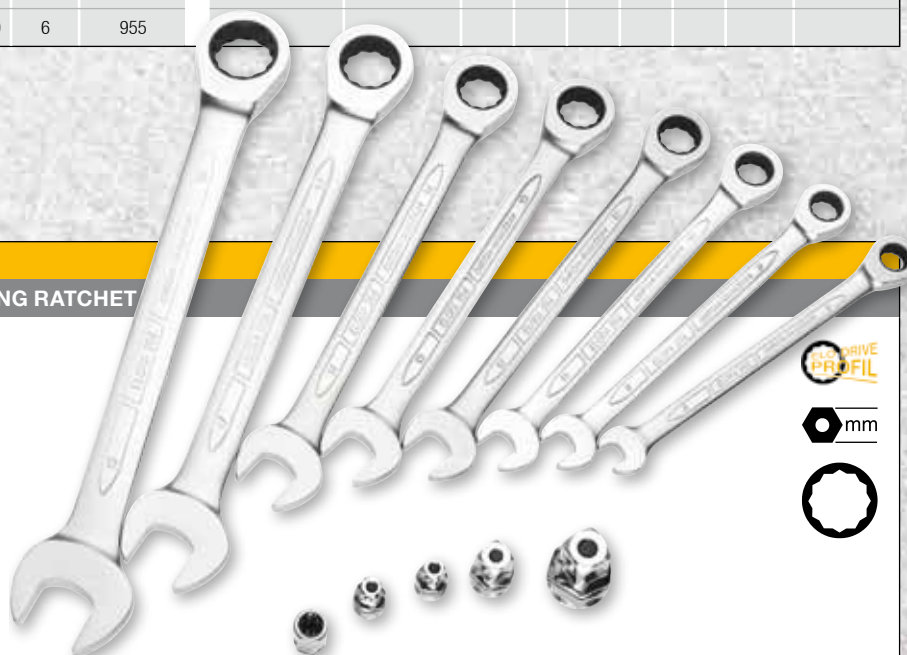
### COMBINATION SPANNER WITH RING RATCHET

- straight version, both ends fit same nut size
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number | l/mm | h1 mm | h2 mm | t1 mm | t2 mm | Pieces | Weight/g |
|---------------|--------|------|-------|-------|-------|-------|--------|----------|
| 0204000071000 | 204-7  | 140  | 16,0  | 17,0  | 5,0   | 7,3   | 6      | 30       |
| 0204000081000 | 204-8  | 140  | 16,0  | 17,0  | 5,0   | 7,3   | 6      | 40       |
| 0204000091000 | 204-9  | 150  | 18,5  | 18,5  | 5,0   | 7,3   | 6      | 45       |
| 0204000101000 | 204-10 | 160  | 20,5  | 20,5  | 5,5   | 7,5   | 6      | 50       |
| 0204000111000 | 204-11 | 165  | 22,5  | 22,0  | 6,0   | 7,8   | 6      | 60       |
| 0204000121000 | 204-12 | 170  | 25,0  | 22,5  | 6,0   | 8,5   | 6      | 75       |
| 0204000131000 | 204-13 | 180  | 27,0  | 25,0  | 6,5   | 9,5   | 6      | 90       |
| 0204000141000 | 204-14 | 190  | 28,5  | 27,0  | 7,0   | 9,5   | 6      | 105      |
| 0204000151000 | 204-15 | 200  | 31,0  | 28,5  | 7,0   | 9,5   | 6      | 125      |
| 0204000161000 | 204-16 | 210  | 33,0  | 29,5  | 7,0   | 10,3  | 6      | 145      |
| 0204000171000 | 204-17 | 225  | 35,0  | 32,0  | 8,0   | 10,3  | 6      | 160      |
| 0204000181000 | 204-18 | 235  | 37,0  | 32,0  | 8,0   | 10,8  | 6      | 190      |
| 0204000191000 | 204-19 | 245  | 38,5  | 34,5  | 8,5   | 11,5  | 6      | 230      |
| 0204000221000 | 204-22 | 290  | 45,0  | 41,0  | 9,5   | 13,5  | 6      | 325      |
| 0204000241000 | 204-24 | 320  | 45,0  | 41,0  | 9,3   | 14,0  | 6      | 460      |
| 0204000271000 | 204-27 | 355  | 55,0  | 49,0  | 10,0  | 16,0  | 6      | 640      |
| 0204000301000 | 204-30 | 385  | 62,0  | 54,5  | 10,0  | 17,0  | 6      | 795      |
| 0204000321000 | 204-32 | 415  | 67,0  | 58,0  | 10,0  | 17,0  | 6      | 955      |

| Code          | Number     | l/mm | h1 mm | h2 mm | t1 mm | t2 mm | Pieces | Weight/g |
|---------------|------------|------|-------|-------|-------|-------|--------|----------|
| 0204100171000 | 204A-5/16  | 140  | 16,0  | 17,0  | 5,0   | 7,3   | 6      | 30       |
| 0204100191000 | 204A-3/8   | 160  | 20,5  | 20,5  | 5,5   | 7,3   | 6      | 50       |
| 0204100211000 | 204A-7/16  | 165  | 22,5  | 22,0  | 6,0   | 7,8   | 6      | 60       |
| 0204100231000 | 204A-1/2   | 180  | 27,0  | 25,0  | 6,5   | 9,5   | 6      | 90       |
| 0204100241000 | 204A-9/16  | 190  | 28,5  | 27,0  | 7,0   | 9,5   | 6      | 105      |
| 0204100261000 | 204A-5/8   | 210  | 33,0  | 29,5  | 7,0   | 10,3  | 6      | 145      |
| 0204100271000 | 204A-11/16 | 225  | 35,0  | 32,0  | 8,0   | 10,3  | 6      | 160      |
| 0204100281000 | 204A-3/4   | 245  | 38,5  | 34,5  | 8,5   | 11,5  | 6      | 230      |
| 0204100301000 | 204A-13/16 | 275  | 43,0  | 38,0  | 9,0   | 12,5  | 6      | 320      |
| 0204100311000 | 204A-7/8   | 290  | 45,0  | 41,0  | 9,5   | 13,5  | 6      | 325      |
| 0204100321000 | 204A-15/16 | 320  | 52,0  | 45,0  | 9,5   | 14,0  | 6      | 460      |
| 0204100341000 | 204A-1     | 320  | 52,0  | 45,0  | 9,5   | 14,0  | 6      | 460      |
|               |            |      |       |       |       |       |        |          |
|               |            |      |       |       |       |       |        |          |
|               |            |      |       |       |       |       |        |          |
|               |            |      |       |       |       |       |        |          |
|               |            |      |       |       |       |       |        |          |
|               |            |      |       |       |       |       |        |          |
|               |            |      |       |       |       |       |        |          |
|               |            |      |       |       |       |       |        |          |



## 204-S8M

### SET-COMBINATION SPANNER WITH RING RATCHET

- carton box packed
- straight version, both ends fit same nut size
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

| Code          | Number  | Contents                                                                                                                                          | Pieces | Weight/g |
|---------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 0204500081000 | 204-S8M | 204- 8, 9, 10, 12, 13, 14, 17, 19 mm<br>118- 1, 2, 3, 4<br>Adapter Drives for 1/4", 3/8", 1/2" and 1/4" Bit-Adaptor, details see Art.-No. 118-... | 1      | 760      |

## 204-S8MT

### SET-COMBINATION SPANNER WITH RING RATCHET

- in Tetoron rolling pouch
- with suspension eye
- straight version, both ends fit same nut size
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



02

| Code          | Number   | Contents                              | Pieces | Weight/g |
|---------------|----------|---------------------------------------|--------|----------|
| 0204500081005 | 204-S8MT | 204- 8, 10, 11, 13, 14, 17, 19, 22 mm | 1      | 1215     |

## 204-S8M OMS

### SET-COMBINATION SPANNER WITH RING RATCHET

- in solid black metal case with OMS hard foam insert with yellow signal colour, oil and grease resistant
- straight version, both ends fit same nut size
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptor No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

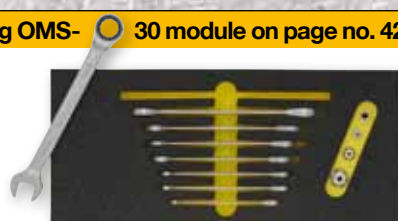


| Code          | Number      | Contents                                                                                                                                          | Pieces | Weight/g |
|---------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 0204500081002 | 204-S8M OMS | 204- 8, 9, 10, 12, 13, 14, 17, 19 mm<br>118- 1, 2, 3, 4<br>Adapter Drives for 1/4", 3/8", 1/2" and 1/4" Bit-Adaptor, details see Art.-No. 118-... | 1      | 2078     |

You will find the matching adapters on page no. 79



You will find the matching OMS- 30 module on page no. 42



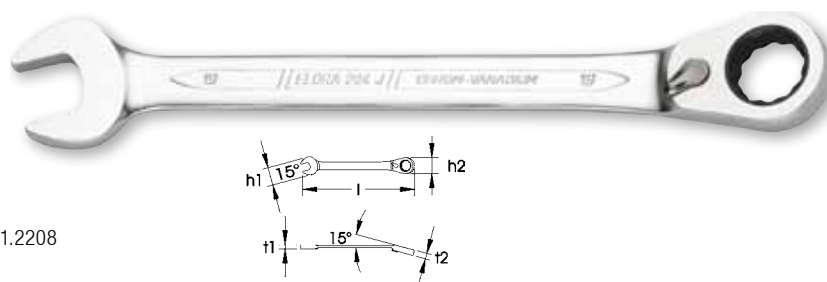
You will find the matching MS-10 module on page no. 55



## 204-J-...

### COMBINATION SPANNER WITH RING RATCHET, REVERSIBLE

- both ends fit same nut size
- bent, reversible ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number   | l/mm | h1<br>mm | h2<br>mm | t1<br>mm | t2<br>mm | Pieces | Weight/g |
|---------------|----------|------|----------|----------|----------|----------|--------|----------|
| 0204000063000 | 204-J 6  | 125  | 15,0     | 16,0     | 5,0      | 7,3      | 6      | 30       |
| 0204000073000 | 204-J 7  | 140  | 16,0     | 17,0     | 5,0      | 7,3      | 6      | 30       |
| 0204000083000 | 204-J 8  | 140  | 16,0     | 17,0     | 5,0      | 7,3      | 6      | 40       |
| 0204000093000 | 204-J 9  | 140  | 18,5     | 18,5     | 5,0      | 7,3      | 6      | 45       |
| 0204000103000 | 204-J 10 | 150  | 20,5     | 20,5     | 5,5      | 7,5      | 6      | 55       |
| 0204000113000 | 204-J 11 | 160  | 22,5     | 22,0     | 6,0      | 7,8      | 6      | 65       |
| 0204000123000 | 204-J 12 | 165  | 25,0     | 22,5     | 6,0      | 8,5      | 6      | 85       |
| 0204000133000 | 204-J 13 | 170  | 27,0     | 25,0     | 6,5      | 9,5      | 6      | 95       |
| 0204000143000 | 204-J 14 | 180  | 28,5     | 27,0     | 7,0      | 9,5      | 6      | 125      |
| 0204000153000 | 204-J 15 | 190  | 31,0     | 28,5     | 7,0      | 9,5      | 6      | 125      |
| 0204000163000 | 204-J 16 | 200  | 33,0     | 29,5     | 7,0      | 10,3     | 6      | 160      |
| 0204000173000 | 204-J 17 | 210  | 35,0     | 32,0     | 8,0      | 10,3     | 6      | 180      |
| 0204000183000 | 204-J 18 | 225  | 37,0     | 32,0     | 8,0      | 10,8     | 6      | 205      |
| 0204000193000 | 204-J 19 | 235  | 38,5     | 34,5     | 8,5      | 11,5     | 6      | 235      |
| 0204000223000 | 204-J 22 | 290  | 45,0     | 41,0     | 9,5      | 13,5     | 6      | 375      |
| 0204000243000 | 204-J 24 | 320  | 45,0     | 41,0     | 9,5      | 14,0     | 6      | 505      |

## 204-JS8M

### SET-COMBINATION SPANNER WITH RING RATCHET, REVERSIBLE

- carton box packed
- both ends fit same nut size
- bent, reversible ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number    | Contents                                                                                                                                           | Pieces | Weight/g |
|---------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 0204500083000 | 204-J S8M | 204J- 8, 9, 10, 12, 13, 14, 17, 19 mm<br>118- 1, 2, 3, 4<br>Adapter Drives for 1/4", 3/8", 1/2" and 1/4" Bit-Adaptor, details see Art.-No. 118-... | 1      | 960      |

## 204-JS8MT

### SET-COMBINATION SPANNER WITH RING RATCHET, REVERSIBLE

- in Teteron rolling pouch
- with suspension eyes
- both ends fit same nut size
- bent, reversible ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



02

| Code          | Number    | Contents                               | Pieces<br> | Weight/g<br> |
|---------------|-----------|----------------------------------------|------------|--------------|
| 0204500083005 | 204J-S8MT | 204J- 8, 10, 11, 13, 14, 17, 19, 22 mm | 1          | 1325         |

## 204-JS8M OMS

### SET-COMBINATION SPANNER WITH RING RATCHET, REVERSIBLE

- in solid black metal case with OMS hard foam insert with yellow signal colour, oil and grease resistant
- both ends fit same nut size
- bent, reversible ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

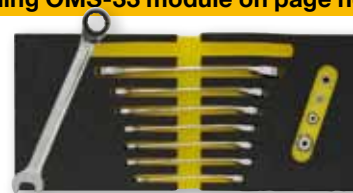


| Code          | Number        | Contents                                                                                                                                           | Pieces<br> | Weight/g<br> |
|---------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| 0204500083002 | 204-J S8M OMS | 204J- 8, 9, 10, 12, 13, 14, 17, 19 mm<br>118- 1, 2, 3, 4<br>Adapter Drives for 1/4", 3/8", 1/2" and 1/4" Bit-Adaptor, details see Art.-No. 118-... | 1          | 2143         |

You will find the matching adapters on page no. 79



You will find the matching OMS-33 module on page no. 42



## 204-R...

### COMBINATION SPANNER WITH JOINT-RING RATCHET

- both ends fit same nut size
- 180° swivel-type ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



## 204-RS8M

### SET-COMBINATION SPANNER WITH JOINT RING RATCHET

- carton box packed
- both ends fit same nut size
- 180° swivel-type ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number    | Contents                                                                                                              | Pieces | Weight/g |
|---------------|-----------|-----------------------------------------------------------------------------------------------------------------------|--------|----------|
| 0204500082000 | 204-R S8M | 204-R- 8, 9, 10, 12, 13, 14, 17, 19 mm<br>118- 1, 2, 3, 4<br>Adapter Drives for 1/4", 3/8", 1/2" and 1/4" Bit-Adaptor | 1      | 900      |

## 204RS12M

### COMBINATION SPANNER WITH JOINT RING RATCHET SET

- carton box packed
- both ends fit same nut size
- 180° swivel-type ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number    | Contents                                              | Pieces | Weight/g |
|---------------|-----------|-------------------------------------------------------|--------|----------|
| 0204500122000 | 204RS 12M | 204R- 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm | 1      | 1330     |

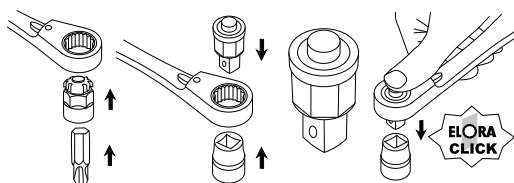
You will find the matching OMS-32 module on page no. 43



## 118-.../118S4

### ADAPTOR FOR RING RATCHET SPANNER

- with button for quick release and change of tools
- chrome-plated, polished
- Chrome -Vanadium 31CrV3 / 1.2208



118-1

118-2

118-3

118-4

mm

12,5

1/2"

10

3/8"

6,3

1/4"

| Code          | Number | Bit Adaption                       | Male Square<br>■ | Drive<br>mm | Pieces<br>📦 | Weight/g<br>⚖️ |
|---------------|--------|------------------------------------|------------------|-------------|-------------|----------------|
| 0118000011000 | 118-1  | 1/4                                | -                | 10          | 10          | 10             |
| 0118000021000 | 118-2  | -                                  | 1/4              | 10          | 10          | 10             |
| 0118000031000 | 118-3  | -                                  | 3/8              | 13          | 10          | 25             |
| 0118000041000 | 118-4  | -                                  | 1/2              | 19          | 10          | 55             |
| 0118530041000 | 118 S4 | Adaptorset, 4-pcs, 118- 1, 2, 3, 4 |                  |             | 1           | 100            |

## 202-..., 202BA-...

### COMBINATION SPANNER, EXTRA SHORT

- extra short series
- both ends fit same nut size
- jaw set at 15°, ring 15° bent
- chrome plated, polished
- up to 5 mm and 6 BA: ring side in hexagon, all others bi-hexagon
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208




mm

BA

| Code          | Number  | l/mm<br>┌───┐ | Pieces<br>📦 | Weight/g<br>⚖️ | Code          | Number  | l/mm<br>┌───┐ | Pieces<br>📦 | Weight/g<br>⚖️ |
|---------------|---------|---------------|-------------|----------------|---------------|---------|---------------|-------------|----------------|
| 0202000041000 | 202-4   | 80            | 12          | 10             | 0202300061000 | 202BA-6 | 80            | 12          | 10             |
| 0202000451000 | 202-4,5 | 80            | 12          | 10             | 0202300041000 | 202BA-4 | 90            | 12          | 13             |
| 0202000051000 | 202-5   | 80            | 12          | 10             | 0202300021000 | 202BA-2 | 100           | 12          | 20             |
| 0202000551000 | 202-5,5 | 90            | 12          | 13             | 0202300001000 | 202BA-0 | 110           | 12          | 27             |
| 0202000061000 | 202-6   | 90            | 12          | 13             |               |         |               |             |                |
| 0202000071000 | 202-7   | 100           | 12          | 20             |               |         |               |             |                |
| 0202000081000 | 202-8   | 100           | 12          | 20             |               |         |               |             |                |
| 0202000091000 | 202-9   | 110           | 12          | 27             |               |         |               |             |                |
| 0202000101000 | 202-10  | 110           | 12          | 27             |               |         |               |             |                |

## 202S...M

### COMBINATION SPANNER SET, EXTRA SHORT

- in black plastic pouch
- with suspension eye
- extra short series
- both ends fit same nut size
- jaw set at 15°, ring 15° bent
- chrome plated, polished
- up to 5 mm and 6 BA: ring side in hexagon, all others bi-hexagon
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



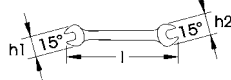

mm

BA

| Code          | Number  | Contents                            | Pieces<br>📦 | Weight/g<br>⚖️ | Code          | Number   | Contents             | Pieces<br>📦 | Weight/g<br>⚖️ |
|---------------|---------|-------------------------------------|-------------|----------------|---------------|----------|----------------------|-------------|----------------|
| 0202500601000 | 202S 6M | 202- 5, 5,5, 6, 7, 8, 10 mm         | 1           | 125            | 0202800401000 | 202S 4BA | 202BA- 6, 4, 2, 0 BA | 1           | 85             |
| 0202500801000 | 202S 8M | 202- 4, 4,5, 5, 5,5, 6, 7, 8, 10 mm | 1           | 150            |               |          |                      |             |                |

## DOUBLE OPEN ENDED SPANNER

- 

[illegible]

## 100S-...M, 100S-...AF

### DOUBLE OPEN ENDED SPANNER SET

- carton boxed packed
- matt chrome plated, heads ground
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3110, ISO 3318, ISO 1085, ISO 10102



| Code          | Number       | Contents                                                                               | Pieces | Weight/g |
|---------------|--------------|----------------------------------------------------------------------------------------|--------|----------|
| 0100500601000 | 100S 6M      | 100- 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 mm                                         | 1      | 615      |
| 0100500801000 | 100S 8M      | 100- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm                             | 1      | 860      |
| 0100500821000 | 100S 8DIN    | 100- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x22 mm                             | 1      | 890      |
| 0100501001000 | 100S 10M     | 100- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm               | 1      | 1520     |
| 0100501021002 | 100S 10DIN-1 | 100- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x22, 24x26, 27x32 mm               | 1      | 1617     |
| 0100501011000 | 100S 101M    | 100- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 30x32 mm               | 1      | 1715     |
| 0100501031000 | 100S 101DIN  | 100- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x22, 24x26, 30x34 mm               | 1      | 1800     |
| 0100501201000 | 100S 12M     | 100- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm | 1      | 2420     |
| 0100501221000 | 100S 12DIN   | 100- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 27x32 30x34 mm  | 1      | 2610     |

| Code          | Number    | Contents                                                                                                                             | Pieces | Weight/g |
|---------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 0100600601000 | 100S 6AF  | 100A- 5/16x3/8, 7/16x1/2, 9/16x5/8, 11/16x3/4, 13/16x7/8, 15/16x1 AF                                                                 | 1      | 980      |
| 0100600801000 | 100S 8AF  | 100A- 1/4x5/16, 5/16x3/8, 7/16x1/2, 9/16x5/8, 11/16x3/4, 13/16x7/8, 15/16x1, 1.1/16x1.1/4 AF                                         | 1      | 1500     |
| 0100601201000 | 100S 12AF | 100A- 1/4x5/16, 5/16x3/8, 3/8x7/16, 7/16x1/2, 1/2x9/16, 9/16x5/8, 5/8x11/16, 3/4x25/32, 13/16x7/8, 15/16x1, 1x1.1/8, 1.1/16x1.1/4 AF | 1      | 2100     |
|               |           |                                                                                                                                      |        |          |
|               |           |                                                                                                                                      |        |          |
|               |           |                                                                                                                                      |        |          |
|               |           |                                                                                                                                      |        |          |

## 100-KH 9

### DOUBLE OPEN ENDED SPANNER SET

- in black plastic holder
- matt chrome plated, heads ground
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3110, ISO 3318, ISO 1085, ISO 10102



| Code          | Number   | Contents                                                          | Pieces | Weight/g |
|---------------|----------|-------------------------------------------------------------------|--------|----------|
| 0100500902000 | 100-KH 9 | 100- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23 mm | 1      | 1187     |

## 100SH

### HOLDER FOR DOUBLE OPEN ENDED SPANNER SET

- for double open-ended spanner sets of 8, 10 and 12 pcs. ELORA-No.100, for fitting on tool boards and in tool cabinets
- solid black plastic



| Code          | Number    | suitable for                          | Pieces | Weight/g |
|---------------|-----------|---------------------------------------|--------|----------|
| 0100500857000 | 100S H 8  | ELORA-Nr.100S 8M, 100S 8DIN, 100S 8AF | 1      | 19       |
| 0100501057000 | 100S H 10 | ELORA-Nr.100S 10M                     | 1      | 26       |
| 0100501257000 | 100S H 12 | ELORA-Nr.100S 12M, 100S 12AF          | 1      | 38       |

## 100S...MSB, 100S...AFSB

### DOUBLE OPEN ENDED SPANNER SET

- in plastic rolling pouch
- with suspension eye
- matt chrome plated, heads ground
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3110, ISO 3318, ISO 1085, ISO 10102



| Code          | Number      | Contents                                                   | Pieces<br> | Weight/g<br> | Code          | Number     | Contents                                                                               | Pieces<br> | Weight/g<br> |
|---------------|-------------|------------------------------------------------------------|------------|--------------|---------------|------------|----------------------------------------------------------------------------------------|------------|--------------|
| 0100500601500 | 100S 6MSB   | 100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17 mm               | 1          | 495          | 0100600601500 | 100S 6AFSB | 100A- 1/4×5/16, 5/16×3/8, 7/16×1/2, 9/16×5/8, 11/16×3/4, 13/16×7/8 AF                  | 1          | 730          |
| 0100500801500 | 100S 8MSB   | 100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22 mm | 1          | 830          | 0100600801500 | 100S 8AFSB | 100A- 1/4×5/16, 5/16×3/8, 3/8×7/16, 7/16×1/2, 1/2×9/16, 5/8×11/16, 3/4×7/8, 15/16×1 AF | 1          | 1140         |
| 0100500821500 | 100S 8SBDIN | 100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 21×22 mm | 1          | 830          |               |            |                                                                                        |            |              |

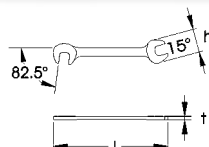
You will find the matching OMS-15 module on page no. 41



## 146-..., 146A-...

### OBSTRUCTION WRENCH

- for difficult application areas
- small version
- both ends fit same nut size
- extra thin ground jaws
- offset jaw position
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number      | l/mm | h mm | t mm | Pieces | Weight/g |
|---------------|-------------|------|------|------|--------|----------|
| 0146000401000 | 146-4x4     | 74   | 10,3 | 3,0  | 12     | 6        |
| 0146000451000 | 146-4,5x4,5 | 74   | 10,3 | 3,0  | 12     | 6        |
| 0146000501000 | 146-5x5     | 74   | 10,3 | 3,0  | 12     | 6        |
| 0146000551000 | 146-5,5x5,5 | 84   | 15,7 | 3,0  | 12     | 11       |
| 0146000601000 | 146-6x6     | 84   | 15,7 | 3,0  | 12     | 11       |
| 0146000701000 | 146-7x7     | 84   | 15,7 | 3,0  | 12     | 11       |
| 0146000801000 | 146-8x8     | 93   | 20,6 | 3,0  | 12     | 20       |
| 0146000901000 | 146-9x9     | 93   | 20,6 | 3,0  | 12     | 20       |
| 0146001001000 | 146-10x10   | 114  | 23,6 | 3,2  | 12     | 28       |
| 0146001101000 | 146-11x11   | 114  | 23,6 | 3,2  | 12     | 28       |
| 0146001201000 | 146-12x12   | 136  | 28,5 | 3,8  | 12     | 45       |
| 0146001301000 | 146-13x13   | 136  | 28,5 | 3,8  | 12     | 45       |
| 0146001401000 | 146-14x14   | 136  | 28,5 | 3,8  | 12     | 45       |
| 0146001501000 | 146-15x15   | 156  | 32,4 | 3,8  | 12     | 65       |
| 0146001601000 | 146-16x16   | 156  | 32,4 | 4,5  | 12     | 65       |
| 0146001701000 | 146-17x17   | 156  | 32,4 | 4,5  | 12     | 65       |

| Code          | Number           | l/mm | h mm | t mm | Pieces | Weight/g |
|---------------|------------------|------|------|------|--------|----------|
| 0146100081000 | 146A-5/32x5/32   | 74   | 10,3 | 3,0  | 12     | 6        |
| 0146100091000 | 146A-3/16x3/16   | 74   | 10,3 | 3,0  | 12     | 6        |
| 0146100111000 | 146A-7/32x7/32   | 84   | 15,7 | 3,0  | 12     | 11       |
| 0146100151000 | 146A-9/32x9/32   | 84   | 15,7 | 3,0  | 12     | 11       |
| 0146100171000 | 146A-5/16x5/16   | 93   | 20,6 | 3,0  | 12     | 20       |
| 0146100181000 | 146A-11/32x11/32 | 93   | 20,6 | 3,0  | 12     | 20       |
| 0146100191000 | 146A-3/8x3/8     | 93   | 20,6 | 3,0  | 12     | 20       |
| 0146100211000 | 146A-7/16x7/16   | 114  | 23,6 | 3,2  | 12     | 28       |
| 0146100221000 | 146A-15/32x15/32 | 136  | 28,5 | 3,8  | 12     | 45       |
| 0146100231000 | 146A-1/2x1/2     | 136  | 28,5 | 3,8  | 12     | 45       |
| 0146100241000 | 146A-9/16x9/16   | 136  | 28,5 | 3,8  | 12     | 45       |
| 0146100261000 | 146A-5/8x5/8     | 156  | 32,4 | 4,5  | 12     | 65       |
|               |                  |      |      |      |        |          |
|               |                  |      |      |      |        |          |
|               |                  |      |      |      |        |          |

## 146S-...

### OBSTRUCTION WRENCH SET

- 8- and 10-pieces: in black plastic pouch with suspension eye
- 12- and 14-pieces: carton box packed
- for difficult application areas
- small version
- both ends fit same nut size
- extra thin ground jaws
- offset jaw position
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

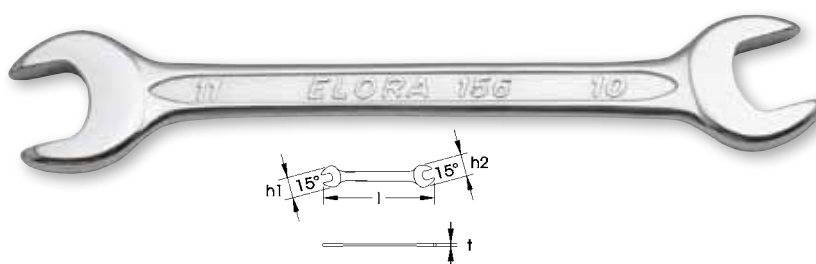


| Code          | Number  | Contents                                                                                         | Pieces | Weight/g |
|---------------|---------|--------------------------------------------------------------------------------------------------|--------|----------|
| 0146500801000 | 146S8M  | 146- 4x4, 5x5, 6x6, 7x7, 8x8, 9x9, 10x10, 11x11 mm                                               | 1      | 145      |
| 0146501001000 | 146S10M | 146- 4x4, 5x5, 6x6, 7x7, 8x8, 9x9, 10x10, 11x11, 12x12, 13x13 mm                                 | 1      | 230      |
| 0146501201000 | 146S12M | 146- 4x4, 4,5x4,5, 5x5, 5,5x5,5, 6x6, 7x7, 8x8, 9x9, 10x10, 11x11, 12x12, 13x13 mm               | 1      | 350      |
| 0146501401000 | 146S14M | 146- 4x4, 4,5x4,5, 5x5, 5,5x5,5, 6x6, 7x7, 8x8, 9x9, 10x10, 11x11, 12x12, 13x13, 14x14, 17x17 mm | 1      | 365      |

## 156-..., 156A-..., 156BA-...

### MIDGET OPEN ENDED SPANNER

- small version
- thin, ground heads
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number      | l/mm | h1 mm | h2 mm | t mm | Pieces | Weight/g |
|---------------|-------------|------|-------|-------|------|--------|----------|
| 0156025321000 | 156-2,5x3,2 | 80   | 10,0  | 11,0  | 3,0  | 12     | 8        |
| 0156003351000 | 156-3x3,5   | 80   | 10,0  | 11,0  | 3,0  | 12     | 8        |
| 0156032041000 | 156-3,2x4   | 80   | 10,0  | 11,0  | 3,0  | 12     | 8        |
| 0156035451000 | 156-3,5x4,5 | 80   | 10,0  | 11,0  | 3,0  | 12     | 8        |
| 0156004451000 | 156-4x4,5   | 80   | 10,0  | 11,0  | 3,0  | 12     | 8        |
| 0156004051000 | 156-4x5     | 80   | 10,0  | 11,0  | 3,0  | 12     | 8        |
| 0156045551000 | 156-4,5x5,5 | 86   | 11,0  | 12,0  | 3,0  | 12     | 8        |
| 0156004061000 | 156-4x6     | 86   | 11,0  | 12,0  | 3,0  | 12     | 12       |
| 0156005551000 | 156-5x5,5   | 86   | 11,0  | 12,0  | 3,0  | 12     | 12       |
| 0156055071000 | 156-5,5x7   | 92   | 13,0  | 14,0  | 3,0  | 12     | 14       |
| 0156006071000 | 156-6x7     | 92   | 13,0  | 14,0  | 3,0  | 12     | 14       |
| 0156007081000 | 156-7x8     | 98   | 16,0  | 18,0  | 3,2  | 12     | 15       |
| 0156008091000 | 156-8x9     | 98   | 16,0  | 18,0  | 3,2  | 12     | 15       |
| 0156008101000 | 156-8x10    | 105  | 18,0  | 20,0  | 4,0  | 12     | 22       |
| 0156010111000 | 156-10x11   | 105  | 18,0  | 20,0  | 4,0  | 12     | 22       |
| 0156012131000 | 156-12x13   | 112  | 22,0  | 24,0  | 4,2  | 12     | 26       |

| Code          | Number          | l/mm | h1 mm | h2 mm | t mm | Pieces | Weight/g |
|---------------|-----------------|------|-------|-------|------|--------|----------|
| 0156106091000 | 156A-1/8x3/16   | 80   | 10,0  | 11,0  | 3,0  | 12     | 8        |
| 0156108101000 | 156A-5/32x13/64 | 80   | 10,0  | 11,0  | 3,0  | 12     | 8        |
| 0156109151000 | 156A-3/16x9/32  | 80   | 10,0  | 11,0  | 3,0  | 12     | 8        |
| 0156111121000 | 156A-7/32x15/64 | 86   | 11,0  | 12,0  | 3,0  | 12     | 14       |
| 0156109131000 | 156A-3/16x1/4   | 92   | 13,0  | 14,0  | 3,0  | 12     | 12       |
| 0156113171000 | 156A-1/4x5/16   | 98   | 16,0  | 18,0  | 3,2  | 12     | 15       |
| 0156115171000 | 156A-9/32x5/16  | 98   | 16,0  | 18,0  | 3,2  | 12     | 15       |
| 0156118191000 | 156A-11/32x3/8  | 105  | 18,0  | 20,0  | 4,0  | 12     | 22       |
| 0156121231000 | 156A-7/16x1/2   | 112  | 22,0  | 24,0  | 4,2  | 12     | 26       |

| Code          | Number    | l/mm | h1 mm | h2 mm | t mm | Pieces | Weight/g |
|---------------|-----------|------|-------|-------|------|--------|----------|
| 0156308061000 | 156BA-8x6 | 80   | 10,0  | 11,0  | 3,0  | 12     | 8        |
| 0156306041000 | 156BA-6x4 | 86   | 11,0  | 12,0  | 3,0  | 12     | 12       |
| 0156305041000 | 156BA-5x4 | 80   | 10,0  | 11,0  | 3,0  | 12     | 8        |
| 0156305031000 | 156BA-5x3 | 86   | 11,0  | 12,0  | 3,0  | 12     | 12       |
| 0156304021000 | 156BA-4x2 | 98   | 16,0  | 18,0  | 3,2  | 12     | 15       |
| 0156301001000 | 156BA-1x0 | 105  | 18,0  | 20,0  | 4,0  | 12     | 12       |

## 156S...M, 156S...AF, 156S...BA

### MIDGET OPEN ENDED SPANNER-SET

- in black plastic pouch
- with suspension eye
- small type
- thin, ground heads
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number  | Contents                                                                            | Pieces | Weight/g |
|---------------|---------|-------------------------------------------------------------------------------------|--------|----------|
| 0156500601000 | 156S6M  | 156- 3,2x4, 3,5x4,5, 5x5,5, 6x7, 8x9, 10x11 mm                                      | 1      | 88       |
| 0156501201000 | 156S12M | 156- 3x3,5, 3,2x4, 3,5x4,5, 4x5, 5x5,5, 5,5x7, 6x7, 7x8, 8x9, 8x10, 10x11, 12x13 mm | 1      | 180      |

| Code          | Number  | Contents                                                                  | Pieces | Weight/g |
|---------------|---------|---------------------------------------------------------------------------|--------|----------|
| 0156600601000 | 156S6AF | 156A- 1/8x3/16, 5/32x13/64, 7/32x15/64, 1/4x5/16, 9/32x5/16, 11/32x3/8 AF | 1      | 92       |

| Code          | Number  | Contents                          | Pieces | Weight/g |
|---------------|---------|-----------------------------------|--------|----------|
| 0156700501000 | 156S5BA | 156BA- 8x6, 6x4, 5x3, 4x2, 1x0 BA | 1      | 96       |

## 157S...

### IGNITION SPANNER-SET

- nickel plated
- hardened sheet steel



mm  
AF<sup>1</sup>

| Code          | Number   | Contents                                                                                                                       | Pieces<br> | Weight/g<br> |
|---------------|----------|--------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| 0157501103000 | 157S11M  | Open Ended Spanner<br>4, 4,5, 5, 5,5, 6, 6,5, 7, 7,5 mm<br>1 Screwdriver, 1 Contact file, 1 Feeler gauge 0,4 mm                | 1          | 47           |
| 0157601103000 | 157S11AF | Open Ended Spanner<br>3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16 AF<br>1 Screwdriver, 1 Contact file, 1 Feeler gauge 0,4 mm | 1          | 53           |

## 60-...MB

### ADJUSTABLE WRENCH

- with precise and well readable preset-scale in mm graduation
- right-handed roll
- jaw set at 15°
- polished head, chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to ISO 6787



| Code          | Number  | Span Width<br>mm | l/mm<br> | l/ Inch<br> | Pieces<br> | Weight/g<br> |
|---------------|---------|------------------|----------|-------------|------------|--------------|
| 0060000042000 | 60-4MB  | 13               | 110      | 4           | 1          | 60           |
| 0060000062000 | 60-6MB  | 19               | 160      | 6           | 1          | 110          |
| 0060000082000 | 60-8MB  | 27               | 210      | 8           | 1          | 210          |
| 0060000102000 | 60-10MB | 30               | 260      | 10          | 1          | 330          |
| 0060000122000 | 60-12MB | 33               | 310      | 12          | 1          | 560          |
| 0060000152000 | 60-15MB | 43               | 380      | 15          | 1          | 965          |
| 0060000182000 | 60-18MB | 54               | 450      | 18          | 1          | 1500         |

## 60-...A

### ADJUSTABLE WRENCH

- with precise and well readable preset-scale in mm graduation
- Swedish Pattern
- left-handed roll
- jaw set at 15°
- phosphated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to ISO 6787



| Code          | Number | Span Width<br>mm | l/mm<br> | l/ Inch<br> | Pieces<br> | Weight/g<br> |
|---------------|--------|------------------|----------|-------------|------------|--------------|
| 0060000045100 | 60-4A  | 13               | 110      | 4           | 1          | 60           |
| 0060000065100 | 60-6A  | 19               | 160      | 6           | 1          | 110          |
| 0060000085100 | 60-8A  | 27               | 210      | 8           | 1          | 210          |
| 0060000105100 | 60-10A | 30               | 260      | 10          | 1          | 330          |
| 0060000125100 | 60-12A | 33               | 310      | 12          | 1          | 560          |
| 0060000155100 | 60-15A | 43               | 380      | 15          | 1          | 965          |
| 0060000185100 | 60-18A | 54               | 450      | 18          | 1          | 1500         |
| 0060000245100 | 60-24A | 62               | 612      | 24          | 1          | 3560         |

## 62-BI-...

### ADJUSTABLE WRENCH "XTRA"

- premium industrial quality
- 25% wider jaw capacity
- thinner and longer jaws
- with precise and easy readable preset-scale
- millimeter graduation
- right-handed roll
- jaw set at 15°
- ergonomic and slip-resistant plastic handle
- polished head, chrome-plated
- ELORA-Chrome-Vanadium 31CrV 3/ 1.2208
- according to ISO 6787



| Code          | Number   | Span Width<br>mm | l/mm | l/Inch | Pieces | Weight/g |
|---------------|----------|------------------|------|--------|--------|----------|
| 0062000062000 | 62-BI 6  | 24               | 162  | 6,4    | 1      | 190      |
| 0062000082000 | 62-BI 8  | 30               | 209  | 8,2    | 1      | 340      |
| 0062000102000 | 62-BI 10 | 34               | 260  | 10,2   | 1      | 540      |
| 0062000122000 | 62-BI 12 | 43               | 312  | 12,3   | 1      | 885      |

## 61-MB...

### ADJUSTABLE WRENCH "ECONOMY"

- with precise and well readable preset-scale in mm graduation
- head ground, chrome-plated
- Swedish pattern, left-handed roll
- jaw set at 15°
- Chrome-Vanadium 31 CrV 3 / 1.2208
- according to ISO 6787



| Code          | Number   | Span Width<br>mm | l/mm | l/Inch | Pieces | Weight/g |
|---------------|----------|------------------|------|--------|--------|----------|
| 0061000062000 | 61-MB 6  | 19               | 150  | 6      | 1      | 110      |
| 0061000082000 | 61-MB 8  | 27               | 200  | 8      | 1      | 210      |
| 0061000102000 | 61-MB 10 | 30               | 250  | 10     | 1      | 330      |
| 0061000122000 | 61-MB 12 | 33               | 300  | 12     | 1      | 560      |
| 0061000152000 | 61-MB 15 | 43               | 380  | 15     | 1      | 965      |
| 0061000182000 | 61-MB 18 | 54               | 455  | 18     | 1      | 1500     |

## 61MB S3

### ADJUSTABLE WRENCH SET "ECONOMY"

- carton box packed
- with precise and well readable preset-scale in mm graduation
- head ground, chrome-plated
- Swedish pattern, left-handed roll
- jaw set at 15°
- Chrome-Vanadium 31 CrV 3 / 1.2208
- according to ISO 6787 7



| Code          | Number  | Contents        | Pieces | Weight/g |
|---------------|---------|-----------------|--------|----------|
| 0061500031000 | 61MB S3 | 61-MB 8, 10, 12 | 1      | 1100     |

| 894-...<br>SINGLE OPEN-ENDED SPANNER                                                                                                                                                                                                               |          |      |        |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|--------|----------|
| <ul style="list-style-type: none"> <li>➤ jaw set at 15°, gun metal finish</li> <li>➤ high grade tool steel</li> <li>➤ according to DIN 894 / ISO 3318</li> </ul>  |          |      |        |          |
| Code                                                                                                                                                                                                                                               | Number   | l/mm | Pieces | Weight/g |
| 0894000065100                                                                                                                                                                                                                                      | 894-6    | 75   | 10     | 8        |
| 0894000075100                                                                                                                                                                                                                                      | 894-7    | 80   | 10     | 10       |
| 0894000085100                                                                                                                                                                                                                                      | 894-8    | 95   | 10     | 16       |
| 0894000095100                                                                                                                                                                                                                                      | 894-9    | 100  | 10     | 20       |
| 0894000105100                                                                                                                                                                                                                                      | 894-10   | 105  | 10     | 21       |
| 0894000115100                                                                                                                                                                                                                                      | 894-11   | 115  | 10     | 27       |
| 0894000125100                                                                                                                                                                                                                                      | 894-12   | 125  | 10     | 30       |
| 0894000135100                                                                                                                                                                                                                                      | 894-13   | 130  | 10     | 36       |
| 0894000145100                                                                                                                                                                                                                                      | 894-14   | 140  | 10     | 42       |
| 0894000155100                                                                                                                                                                                                                                      | 894-15   | 145  | 10     | 42       |
| 0894000165100                                                                                                                                                                                                                                      | 894-16   | 160  | 10     | 65       |
| 0894000175100                                                                                                                                                                                                                                      | 894-17   | 160  | 10     | 62       |
| 0894000185100                                                                                                                                                                                                                                      | 894-18   | 170  | 10     | 78       |
| 0894000195100                                                                                                                                                                                                                                      | 894-19   | 170  | 10     | 84       |
| 0894000215100                                                                                                                                                                                                                                      | 894-21   | 195  | 10     | 115      |
| 0894000225100                                                                                                                                                                                                                                      | 894-22   | 195  | 10     | 102      |
| 0894000245100                                                                                                                                                                                                                                      | 894-24   | 215  | 10     | 185      |
| 0894000275100                                                                                                                                                                                                                                      | 894-27   | 240  | 10     | 190      |
| 0894000305100                                                                                                                                                                                                                                      | 894-30   | 250  | 10     | 300      |
| 0894000325100                                                                                                                                                                                                                                      | 894-32   | 260  | 10     | 316      |
| 0894000345100                                                                                                                                                                                                                                      | 894-34   | 260  | 5      | 350      |
| 0894000365100                                                                                                                                                                                                                                      | 894-36   | 300  | 5      | 435      |
| 0894000385100                                                                                                                                                                                                                                      | 894-38   | 300  | 5      | 440      |
| 0894000415100                                                                                                                                                                                                                                      | 894-41   | 340  | 5      | 580      |
| 0894000465100                                                                                                                                                                                                                                      | 894-46   | 380  | 1      | 770      |
| 0894000505100                                                                                                                                                                                                                                      | 894-50   | 410  | 1      | 1000     |
| 0894000555100                                                                                                                                                                                                                                      | 894-55   | 460  | 1      | 1300     |
| 0894000605100                                                                                                                                                                                                                                      | 894-60   | 490  | 1      | 1600     |
| 0894000655100                                                                                                                                                                                                                                      | 894-65   | 530  | 1      | 1850     |
| 0894000705100                                                                                                                                                                                                                                      | 894-70   | 575  | 1      | 2160     |
| 0894000755100                                                                                                                                                                                                                                      | 894-75   | 610  | 1      | 2800     |
| 0894000805100                                                                                                                                                                                                                                      | 894-80   | 645  | 1      | 2900     |
| 0894000855100                                                                                                                                                                                                                                      | 894-85   | 690  | 1      | 3900     |
| 0894000955100                                                                                                                                                                                                                                      | 894-95   | 845  | 1      | 5450     |
| 0894001005100                                                                                                                                                                                                                                      | 894-100* | 850  | 1      | 5500     |
| 0894001055100                                                                                                                                                                                                                                      | 894-105* | 1000 | 1      | 7650     |
| 0894001105100                                                                                                                                                                                                                                      | 894-110* | 1000 | 1      | 7600     |

| 895-...<br>DOUBLE OPEN-ENDED SPANNER                                                                                                                                                                                                                           |           |      |        |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|--------|----------|
| <ul style="list-style-type: none"> <li>➤ jaw set at 15°, gun metal finish</li> <li>➤ high grade tool steel</li> <li>➤ according to DIN 895 / ISO 3318 / ISO 1085</li> </ul>  |           |      |        |          |
| Code                                                                                                                                                                                                                                                           | Number    | l/mm | Pieces | Weight/g |
| 0895006075100                                                                                                                                                                                                                                                  | 895-6x7   | 95   | 10     | 15       |
| 0895007085100                                                                                                                                                                                                                                                  | 895-7x8   | 110  | 10     | 16       |
| 0895008095100                                                                                                                                                                                                                                                  | 895-8x9   | 110  | 10     | 22       |
| 0895008105100                                                                                                                                                                                                                                                  | 895-8x10  | 115  | 10     | 25       |
| 0895009105100                                                                                                                                                                                                                                                  | 895-9x10  | 120  | 10     | 20       |
| 0895009115100                                                                                                                                                                                                                                                  | 895-9x11  | 125  | 10     | 30       |
| 0895009125100                                                                                                                                                                                                                                                  | 895-9x12  | 125  | 10     | 30       |
| 0895010115100                                                                                                                                                                                                                                                  | 895-10x11 | 125  | 10     | 30       |
| 0895010125100                                                                                                                                                                                                                                                  | 895-10x12 | 125  | 10     | 32       |
| 0895010135100                                                                                                                                                                                                                                                  | 895-10x13 | 130  | 10     | 42       |
| 0895010145100                                                                                                                                                                                                                                                  | 895-10x14 | 140  | 10     | 58       |
| 0895011125100                                                                                                                                                                                                                                                  | 895-11x12 | 125  | 10     | 32       |
| 0895012135100                                                                                                                                                                                                                                                  | 895-12x13 | 140  | 10     | 50       |
| 0895012145100                                                                                                                                                                                                                                                  | 895-12x14 | 140  | 10     | 48       |
| 0895013145100                                                                                                                                                                                                                                                  | 895-13x14 | 140  | 10     | 48       |
| 0895013155100                                                                                                                                                                                                                                                  | 895-13x15 | 140  | 10     | 52       |
| 0895013165100                                                                                                                                                                                                                                                  | 895-13x16 | 155  | 10     | 66       |
| 0895013175100                                                                                                                                                                                                                                                  | 895-13x17 | 155  | 10     | 64       |
| 0895014155100                                                                                                                                                                                                                                                  | 895-14x15 | 140  | 10     | 54       |
| 0895014165100                                                                                                                                                                                                                                                  | 895-14x16 | 140  | 10     | 64       |
| 0895014175100                                                                                                                                                                                                                                                  | 895-14x17 | 160  | 10     | 64       |
| 0895016175100                                                                                                                                                                                                                                                  | 895-16x17 | 160  | 10     | 72       |
| 0895016185100                                                                                                                                                                                                                                                  | 895-16x18 | 160  | 10     | 88       |
| 0895017195100                                                                                                                                                                                                                                                  | 895-17x19 | 170  | 10     | 100      |
| 0895017215100                                                                                                                                                                                                                                                  | 895-17x21 | 190  | 10     | 120      |
| 0895017225100                                                                                                                                                                                                                                                  | 895-17x22 | 190  | 10     | 118      |
| 0895018215100                                                                                                                                                                                                                                                  | 895-18x21 | 190  | 10     | 120      |
| 0895019215100                                                                                                                                                                                                                                                  | 895-19x21 | 190  | 10     | 120      |
| 0895019225100                                                                                                                                                                                                                                                  | 895-19x22 | 195  | 10     | 145      |
| 0895019245100                                                                                                                                                                                                                                                  | 895-19x24 | 215  | 10     | 175      |
| 0895022245100                                                                                                                                                                                                                                                  | 895-22x24 | 220  | 10     | 200      |
| 0895022275100                                                                                                                                                                                                                                                  | 895-22x27 | 235  | 10     | 230      |
| 0895024275100                                                                                                                                                                                                                                                  | 895-24x27 | 245  | 10     | 250      |
| 0895024305100                                                                                                                                                                                                                                                  | 895-24x30 | 265  | 10     | 320      |
| 0895027305100                                                                                                                                                                                                                                                  | 895-27x30 | 265  | 10     | 360      |
| 0895027325100                                                                                                                                                                                                                                                  | 895-27x32 | 265  | 10     | 400      |
| 0895030325100                                                                                                                                                                                                                                                  | 895-30x32 | 265  | 10     | 485      |
| 0895030365100                                                                                                                                                                                                                                                  | 895-30x36 | 305  | 5      | 475      |
| 0895032365100                                                                                                                                                                                                                                                  | 895-32x36 | 305  | 5      | 525      |
| 0895036415100                                                                                                                                                                                                                                                  | 895-36x41 | 345  | 5      | 725      |
| 0895041465100                                                                                                                                                                                                                                                  | 895-41x46 | 380  | 1      | 975      |
| 0895046505100                                                                                                                                                                                                                                                  | 895-46x50 | 415  | 1      | 1215     |
| 0895050555100                                                                                                                                                                                                                                                  | 895-50x55 | 460  | 1      | 1705     |
| 0895055605100                                                                                                                                                                                                                                                  | 895-55x60 | 480  | 1      | 1935     |
| 0895065705100                                                                                                                                                                                                                                                  | 895-65x70 | 580  | 1      | 2700     |
| 0895075805100                                                                                                                                                                                                                                                  | 895-75x80 | 665  | 1      | 4000     |

## 890-...

### HOOK WRENCH WITH NOSE

- for grooved nuts according to DIN 1804, antifriction bearing bolt, according to DIN 981
- gun metal finish
- rounded edges for better handling
- high grade tool steel
- according to DIN 1810, Form A



| Code          | Number  | l/mm<br> | for grooved nuts and bearing bolts<br> | Pieces<br> | Weight/g<br> |
|---------------|---------|----------|----------------------------------------|------------|--------------|
| 0890000125100 | 890-12  | 110      | 12 - 14                                | 6          | 23           |
| 0890000165100 | 890-16  | 110      | 16 - 20                                | 6          | 23           |
| 0890000255100 | 890-25  | 136      | 25 - 28                                | 6          | 43           |
| 0890000305100 | 890-30  | 136      | 30 - 32                                | 6          | 50           |
| 0890000345100 | 890-34  | 170      | 34 - 36                                | 6          | 88           |
| 0890000405100 | 890-40  | 170      | 40 - 42                                | 6          | 88           |
| 0890000455100 | 890-45  | 205      | 45 - 50                                | 6          | 155          |
| 0890000525100 | 890-52  | 205      | 52 - 55                                | 6          | 160          |
| 0890000585100 | 890-58  | 242      | 58 - 62                                | 6          | 255          |
| 0890000685100 | 890-68  | 242      | 68 - 75                                | 6          | 255          |
| 0890000805100 | 890-80  | 280      | 80 - 90                                | 6          | 400          |
| 0890000955100 | 890-95  | 280      | 95 - 100                               | 6          | 400          |
| 0890001105100 | 890-110 | 335      | 110 - 115                              | 6          | 750          |
| 0890001205100 | 890-120 | 335      | 120 - 130                              | 6          | 750          |
| 0890001355100 | 890-135 | 385      | 135 - 145                              | 3          | 995          |
| 0890001555100 | 890-155 | 385      | 155 - 165                              | 3          | 995          |
| 0890001805100 | 890-180 | 470      | 180 - 195                              | 3          | 1505         |
| 0890002055100 | 890-205 | 470      | 205 - 220                              | 3          | 1580         |

## 890-V...

### ADJUSTABLE HOOK WRENCH WITH NOSE

- for grooved nuts to DIN 1804 and bearing nuts to DIN 981
- rounded edges for better handling
- special steel, hardened
- gun metal finish
- high grade tool steel



| Code          | Number       | l/mm<br> | for grooved nuts and bearing bolts<br> | Pieces<br> | Weight/g<br> |
|---------------|--------------|----------|----------------------------------------|------------|--------------|
| 0890000205300 | 890-V 20-42  | 180      | 20 - 42                                | 1          | 100          |
| 0890000455300 | 890-V 45-90  | 250      | 45 - 90                                | 1          | 250          |
| 0890000955300 | 890-V 95-165 | 335      | 95 - 165                               | 1          | 710          |

## 890-VG...

### HINGED HOOK WRENCH WITH NOSE

- Short design, fits in every pocket and toolbox
- for grooved nuts to DIN 1804 and bearing nuts to DIN 981
- rounded edges for better handling
- high grade tool steel, hardened
- gun metal finish



| Code          | Number         | l/mm<br> | for grooved nuts and bearing bolts<br> | Pieces<br> | Weight/g<br> |
|---------------|----------------|----------|----------------------------------------|------------|--------------|
| 0890000205200 | 890-VG 20-35   | 135      | 20 - 35                                | 1          | 40           |
| 0890000355200 | 890-VG 35-60   | 175      | 35 - 60                                | 1          | 85           |
| 0890000605200 | 890-VG 60-90   | 240      | 60 - 90                                | 1          | 250          |
| 0890000905200 | 890-VG 90-155  | 300      | 90 - 155                               | 1          | 425          |
| 0890001555200 | 890-VG 155-230 | 420      | 155 - 230                              | 1          | 1015         |

## 891-...

### HOOK WRENCH WITH PIN

- for nuts with radial holes according to DIN 1816 and DIN 548
- rounded edges for better handling
- gun metal finish
- high grade tool steel
- according to DIN 1810, Form B



| Code          | Number  | l/mm<br> | for Nuts mm<br> | Pin-Ø mm | Pieces<br> | Weight/g<br> |
|---------------|---------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 0891000125100 | 891-12  | 110                                                                                       | 12 - 14                                                                                          | 2,0      | 6                                                                                             | 23                                                                                              |
| 0891000165100 | 891-16  | 110                                                                                       | 16 - 18                                                                                          | 2,5      | 6                                                                                             | 23                                                                                              |
| 0891000205100 | 891-20  | 110                                                                                       | 20 - 22                                                                                          | 2,5      | 6                                                                                             | 23                                                                                              |
| 0891000255100 | 891-25  | 136                                                                                       | 25 - 28                                                                                          | 3,0      | 6                                                                                             | 49                                                                                              |
| 0891000305100 | 891-30  | 136                                                                                       | 30 - 32                                                                                          | 4,0      | 6                                                                                             | 49                                                                                              |
| 0891000345100 | 891-34  | 170                                                                                       | 34 - 36                                                                                          | 4,0      | 6                                                                                             | 88                                                                                              |
| 0891000405100 | 891-40  | 170                                                                                       | 40 - 42                                                                                          | 4,0      | 6                                                                                             | 88                                                                                              |
| 0891000455100 | 891-45  | 205                                                                                       | 45 - 50                                                                                          | 5,0      | 6                                                                                             | 160                                                                                             |
| 0891000525100 | 891-52  | 205                                                                                       | 52 - 55                                                                                          | 5,0      | 6                                                                                             | 160                                                                                             |
| 0891000585100 | 891-58  | 240                                                                                       | 58 - 62                                                                                          | 5,0      | 6                                                                                             | 260                                                                                             |
| 0891000685100 | 891-68  | 240                                                                                       | 68 - 75                                                                                          | 6,0      | 6                                                                                             | 260                                                                                             |
| 0891000805100 | 891-80  | 280                                                                                       | 80 - 90                                                                                          | 6,0      | 6                                                                                             | 400                                                                                             |
| 0891000955100 | 891-95  | 280                                                                                       | 95 - 100                                                                                         | 6,0      | 6                                                                                             | 400                                                                                             |
| 0891001105100 | 891-110 | 335                                                                                       | 110 - 115                                                                                        | 8,0      | 6                                                                                             | 725                                                                                             |
| 0891001205100 | 891-120 | 335                                                                                       | 120 - 130                                                                                        | 8,0      | 6                                                                                             | 725                                                                                             |
| 0891001355100 | 891-135 | 380                                                                                       | 135 - 145                                                                                        | 8,0      | 3                                                                                             | 1005                                                                                            |
| 0891001555100 | 891-155 | 390                                                                                       | 155 - 165                                                                                        | 8,0      | 3                                                                                             | 1005                                                                                            |
| 0891002055100 | 891-205 | 470                                                                                       | 205 - 220                                                                                        | 10,0     | 3                                                                                             | 1500                                                                                            |
| 0891002305100 | 891-230 | 570                                                                                       | 230 - 245                                                                                        | 10,0     | 1                                                                                             | 2190                                                                                            |

## 892-...

### ADJUSTABLE PIN WRENCH

- for nuts with two holes according to DIN 547, spring flange and flange nuts according to DIN 44716
- gun metal finish
- high grade tool steel
- according to DIN 3116

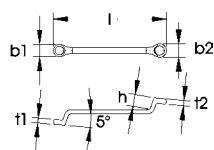


| Code          | Number | l/mm<br> | Pin-Ø mm | Pin Depth mm | Pieces<br> | Weight/g<br> |
|---------------|--------|---------------------------------------------------------------------------------------------|----------|--------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 0892000035100 | 892-3  | 160                                                                                         | 3        | 4            | 5                                                                                               | 115                                                                                               |
| 0892000045100 | 892-4  | 160                                                                                         | 4        | 5            | 5                                                                                               | 120                                                                                               |
| 0892000055100 | 892-5  | 215                                                                                         | 5        | 6            | 5                                                                                               | 295                                                                                               |
| 0892000065100 | 892-6  | 215                                                                                         | 6        | 7            | 5                                                                                               | 300                                                                                               |
| 0892000085100 | 892-8  | 215                                                                                         | 8        | 8            | 5                                                                                               | 305                                                                                               |

## 110-..., 110A-...

## DOUBLE-ENDED RING SPANNER

- deep cranked, with thin-walled heads
- matt chrome plated
- break resistance and shatterproof quality minimize risk of injury
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 838, ISO 3318, ISO 1085, ISO 10104



| Code          | Nummer     | l/mm<br>H | b1<br>mm | b2<br>mm | t1<br>mm | t2<br>mm | h<br>mm | Stück<br>☐ | Gewicht/g<br>⚖ |
|---------------|------------|-----------|----------|----------|----------|----------|---------|------------|----------------|
| 0110055071000 | 110-5,5x7  | 175       | 11,0     | 12,0     | 6,0      | 6,0      | 20,0    | 12         | 42             |
| 0110006071000 | 110-6x7    | 175       | 11,0     | 12,0     | 6,0      | 6,0      | 20,0    | 12         | 42             |
| 0110006081000 | 110-6x8    | 175       | 11,0     | 12,0     | 6,0      | 6,0      | 20,0    | 12         | 50             |
| 0110007081000 | 110-7x8    | 185       | 14,0     | 15,0     | 6,5      | 6,5      | 21,0    | 12         | 60             |
| 0110007091000 | 110-7x9    | 185       | 14,0     | 15,0     | 6,5      | 6,5      | 21,0    | 12         | 60             |
| 0110008091000 | 110-8x9    | 185       | 14,0     | 15,0     | 6,5      | 6,5      | 21,0    | 12         | 60             |
| 0110008101000 | 110-8x10   | 185       | 14,0     | 15,0     | 6,5      | 6,5      | 21,0    | 12         | 60             |
| 0110009111000 | 110-9x11   | 200       | 16,0     | 17,5     | 7,0      | 8,0      | 22,0    | 12         | 86             |
| 0110010111000 | 110-10x11  | 200       | 16,0     | 17,5     | 7,0      | 8,0      | 22,0    | 12         | 86             |
| 0110010121000 | 110-10x12  | 200       | 16,0     | 17,5     | 7,0      | 8,0      | 22,0    | 12         | 86             |
| 0110010131000 | 110-10x13  | 215       | 17,5     | 20,0     | 8,0      | 9,0      | 22,0    | 12         | 122            |
| 0110011131000 | 110-11x13  | 215       | 17,5     | 20,0     | 8,0      | 9,0      | 22,0    | 12         | 122            |
| 0110011141000 | 110-11x14  | 215       | 17,5     | 20,0     | 8,0      | 9,0      | 22,0    | 12         | 109            |
| 0110012131000 | 110-12x13  | 215       | 18,5     | 20,0     | 8,5      | 9,0      | 23,0    | 12         | 122            |
| 0110012141000 | 110-12x14  | 215       | 18,5     | 20,0     | 8,5      | 9,0      | 23,0    | 12         | 122            |
| 0110013141000 | 110-13x14  | 230       | 20,0     | 23,0     | 9,5      | 10,0     | 24,0    | 12         | 150            |
| 0110013151000 | 110-13x15  | 230       | 20,0     | 23,0     | 9,5      | 10,0     | 24,0    | 12         | 150            |
| 0110013161000 | 110-13x16  | 230       | 22,0     | 23,0     | 10,0     | 10,0     | 24,0    | 12         | 150            |
| 0110013171000 | 110-13x17  | 245       | 22,0     | 26,0     | 10,0     | 11,0     | 25,0    | 12         | 185            |
| 0110014151000 | 110-14x15  | 230       | 22,0     | 23,0     | 10,0     | 10,0     | 24,0    | 12         | 150            |
| 0110014171000 | 110-14x17  | 245       | 22,0     | 26,0     | 10,0     | 11,0     | 25,0    | 12         | 185            |
| 0110016171000 | 110-16x17  | 250       | 25,0     | 26,0     | 11,0     | 11,5     | 26,0    | 12         | 210            |
| 0110016181000 | 110-16x18  | 250       | 25,0     | 26,0     | 11,0     | 11,5     | 26,0    | 12         | 210            |
| 0110017191000 | 110-17x19  | 265       | 25,5     | 28,0     | 11,5     | 12,0     | 27,0    | 6          | 260            |
| 0110018191000 | 110-18x19  | 265       | 27,0     | 28,0     | 11,5     | 12,0     | 27,0    | 6          | 260            |
| 0110018211000 | 110-18x21  | 290       | 28,0     | 33,0     | 12,0     | 13,0     | 28,0    | 6          | 335            |
| 0110019221000 | 110-19x22  | 290       | 28,0     | 33,0     | 12,0     | 13,0     | 28,0    | 6          | 335            |
| 0110019241000 | 110-19x24  | 290       | 28,0     | 33,0     | 12,0     | 13,0     | 28,0    | 6          | 335            |
| 0110020221000 | 110-20x22  | 295       | 30,0     | 33,0     | 12,0     | 13,0     | 29,0    | 6          | 350            |
| 0110021221000 | 110-21x22  | 310       | 31,5     | 34,0     | 12,5     | 13,5     | 30,0    | 6          | 430            |
| 0110021231000 | 110-21x23  | 310       | 31,5     | 34,0     | 12,5     | 13,5     | 30,0    | 6          | 430            |
| 0110021241000 | 110-21x24  | 330       | 33,0     | 37,0     | 13,0     | 14,0     | 30,0    | 3          | 465            |
| 0110022241000 | 110-22x24  | 330       | 33,0     | 37,0     | 13,0     | 14,0     | 30,0    | 3          | 465            |
| 0110024261000 | 110-24x26  | 330       | 36,0     | 40,0     | 15,0     | 15,0     | 32,0    | 3          | 460            |
| 0110024271000 | 110-24x27  | 330       | 36,0     | 40,0     | 15,0     | 15,0     | 32,0    | 3          | 460            |
| 0110024301000 | 110-24x30  | 350       | 36,0     | 44,0     | 14,0     | 16,0     | 33,0    | 3          | 500            |
| 0110025281000 | 110-25x28  | 350       | 37,0     | 41,0     | 14,0     | 15,0     | 32,0    | 3          | 500            |
| 0110027291000 | 110-27x29  | 370       | 40,0     | 44,0     | 15,0     | 16,0     | 33,0    | 3          | 635            |
| 0110027301000 | 110-27x30  | 370       | 40,0     | 44,0     | 15,0     | 16,0     | 33,0    | 3          | 635            |
| 0110027321000 | 110-27x32  | 375       | 41,0     | 46,0     | 16,0     | 17,0     | 35,0    | 3          | 635            |
| 0110030321000 | 110-30x32  | 375       | 45,0     | 48,0     | 17,0     | 18,0     | 35,0    | 3          | 670            |
| 0110030341000 | 110-30x34  | 375       | 46,0     | 54,0     | 17,0     | 18,0     | 35,0    | 3          | 870            |
| 0110030361000 | 110-30x36  | 400       | 46,0     | 54,0     | 17,0     | 18,0     | 35,0    | 3          | 870            |
| 0110032341000 | 110-32x34  | 400       | 46,0     | 54,0     | 17,0     | 18,0     | 35,0    | 3          | 870            |
| 0110032361000 | 110-32x36  | 400       | 46,0     | 54,0     | 17,0     | 18,0     | 35,0    | 3          | 870            |
| 0110034361000 | 110-34x36  | 400       | 46,0     | 54,0     | 17,0     | 18,0     | 35,0    | 3          | 870            |
| 0110036411000 | 110-36x41  | 455       | 55,0     | 60,0     | 18,0     | 20,0     | 38,0    | 3          | 1125           |
| 0110038421000 | 110-38x42  | 455       | 55,0     | 60,0     | 18,0     | 20,0     | 38,0    | 3          | 1125           |
| 0110041461000 | 110-41x46  | 500       | 58,0     | 65,0     | 19,0     | 20,0     | 40,0    | 1          | 1445           |
| 0110046501000 | 110-46x50  | 520       | 68,0     | 73,0     | 20,0     | 21,0     | 45,0    | 1          | 1700           |
| 0110055601000 | 110-55x60* | 610       | 86,0     | 92,0     | 25,0     | 26,0     | 54,0    | 1          | 3455           |
| 0110065701000 | 110-65x70* | 685       | 102,0    | 108,0    | 27,0     | 28,0     | 58,0    | 1          | 4850           |
| 0110075801000 | 110-75x80* | 790       | 120,0    | 127,0    | 29,0     | 30,0     | 61,0    | 1          | 7350           |
| 0110085901000 | 110-85x90* | 800       | 120,0    | 127,0    | 29,0     | 30,0     | 61,0    | 1          | 7000           |

[illegible]

## 110S...M, 110S...AF

### DOUBLE-ENDED RING SPANNER SET

- carton box packed
- deep cranked, with thin-walled heads
- matt chrome plated
- break resistance and shatterproof quality minimize risk of injury
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 838, ISO 3318, ISO 1085, ISO 10104



| Code          | Number       | Contents                                                                               | Pieces | Weight/g |
|---------------|--------------|----------------------------------------------------------------------------------------|--------|----------|
| 0110500601000 | 110S 6M      | 110- 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 mm                                         | 1      | 950      |
| 0110500801000 | 110S 8M      | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm                             | 1      | 1300     |
| 0110500821000 | 110S 8DIN    | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x22 mm                             | 1      | 1300     |
| 0110501001000 | 110S 10M     | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm               | 1      | 2200     |
| 0110501021000 | 110S 101DIN  | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x22, 24x26, 30x34 mm               | 1      | 2650     |
| 0110501011000 | 110S 101M    | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 30x32 mm               | 1      | 2520     |
| 0110501021001 | 110S 10DIN-1 | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x22, 24x26, 27x32 mm               | 1      | 2495     |
| 0110501201000 | 110S 12M     | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm | 1      | 3600     |
| 0110501221000 | 110S 12DIN   | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 27x32, 30x34 mm | 1      | 3630     |
| 0110501221002 | 110S 12DIN-1 | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm | 1      | 3340     |

| Code          | Number    | Contents                                                                                                                                                                         | Pieces | Weight/g |
|---------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 0110600611000 | 110S 61AF | 110A- 1/4x5/16, 3/8x7/16, 1/2x9/16, 5/8x11/16, 3/4x25/32, 13/16x7/8 AF                                                                                                           | 1      | 1100     |
| 0110600621000 | 110S 62AF | 110A- 3/8x7/16, 1/2x9/16, 5/8x11/16, 3/4x25/32, 13/16x7/8, 15/16x1 AF                                                                                                            | 1      | 1480     |
| 0110600801000 | 110S 8AF  | 110A- 1/4x5/16, 3/8x7/16, 1/2x9/16, 5/8x11/16, 3/4x25/32, 13/16x7/8, 15/16x1, 1.1/16x1.1/4 AF                                                                                    | 1      | 2280     |
| 0110601201000 | 110S 12AF | 110A- 1/4x5/16, 5/16x3/8, 3/8x7/16, 7/16x1/2, 1/2x9/16, 9/16x5/8, 5/8x11/16, 3/4x25/32, 13/16x7/8, 15/16x1, 1x1.1/8, 1.1/16x1.1/4 AF                                             | 1      | 3250     |
| 0110601401000 | 110S 14AF | 110A- 1/4x5/16, 3/8x7/16, 1/2x9/16, 5/8x11/16, 3/4x25/32, 13/16x7/8, 15/16x1, 1.1/16x1.1/4, 1.1/16x1.1/8, 1.3/16x1.5/16, 1.1/4x1.7/16, 1.7/16x1.5/8, 1.11/16x1.7/8, 1.13/16x2 AF | 1      | 8600     |

## 110S...MSB, 110S...AFSB

### DOUBLE-ENDED RING SPANNER SET

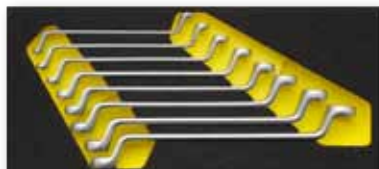
- in plastic rolling pouch
- with suspension eye
- deep cranked, with thin-walled heads
- matt chrome plated
- break resistance and shatterproof quality minimize risk of injury
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 838, ISO 3318, ISO 1085, ISO 10104



| Code          | Number      | Contents                                                   | Pieces | Weight/g |
|---------------|-------------|------------------------------------------------------------|--------|----------|
| 0110500601500 | 110S 6MSB   | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17 mm               | 1      | 800      |
| 0110500801500 | 110S 8MSB   | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm | 1      | 1385     |
| 0110500821500 | 110S 8SBDIN | 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x22 mm | 1      | 1385     |

| Code          | Number     | Contents                                                                                  | Pieces | Weight/g |
|---------------|------------|-------------------------------------------------------------------------------------------|--------|----------|
| 0110600601500 | 110S 6AFSB | 110A- 1/4x5/16, 3/8x7/16, 1/2x9/16, 5/8x11/16, 3/4x25/32, 13/16x7/8 AF                    | 1      | 1200     |
| 0110600801500 | 110S 8AFSB | 110A- 1/4x5/16, 3/8x7/16, 7/16x1/2, 1/2x9/16, 5/8x11/16, 3/4x25/32, 13/16x7/8, 15/16x1 AF | 1      | 1385     |

You will find the matching OMS-19 module on page no. 43



02

## 112-..., 112A-...

### DOUBLE-ENDED RING SPANNER

- short version
- deep cranked
- thin-walled heads
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number    | l/mm | Pieces | Weight/g |
|---------------|-----------|------|--------|----------|
| 0112008091000 | 112-8x9   | 100  | 12     | 28       |
| 0112010111000 | 112-10x11 | 116  | 12     | 42       |
| 0112012131000 | 112-12x13 | 136  | 12     | 56       |
| 0112014151000 | 112-14x15 | 156  | 12     | 85       |
| 0112016171000 | 112-16x17 | 180  | 12     | 115      |

| Code          | Number        | l/mm | Pieces | Weight/g |
|---------------|---------------|------|--------|----------|
| 0112119211000 | 112A-3/8x7/16 | 116  | 12     | 42       |
| 0112121231000 | 112A-7/16x1/2 | 136  | 12     | 56       |
| 0112123241000 | 112A-1/2x9/16 | 156  | 12     | 85       |
| 0112124261000 | 112A-9/16x5/8 | 180  | 12     | 115      |
| 0112126281000 | 112A-5/8x3/4  | 181  | 12     | 136      |

## 112S...M, 112S...AF

### DOUBLE-ENDED RING SPANNER SET

- in plastic pouch
- with suspension eye
- short version
- deep cranked
- thin-walled heads
- chrome plated, polished
- Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number  | Contents                                | Pieces | Weight/g |
|---------------|---------|-----------------------------------------|--------|----------|
| 0112500501000 | 112S 5M | 112- 8x9, 10x11, 12x13, 14x15, 16x17 mm | 1      | 380      |

| Code          | Number   | Contents                                                 | Pieces | Weight/g |
|---------------|----------|----------------------------------------------------------|--------|----------|
| 0112600301000 | 112S 3AF | 112A-3/8x7/16, 1/2x9/16, 5/8x3/4 AF                      | 1      | 325      |
| 0112600501000 | 112S 5AF | 112A- 3/8x7/16, 7/16x1/2, 1/2x9/16, 9/16x5/8, 5/8x3/4 AF | 1      | 450      |

## 113-..., 113BA-...

### DOUBLE-ENDED RING SPANNER

- extra short version
- deep cranked
- 4x4,5 mm and 6x4 BA = hexagon, all others bi-hexagon
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number    | l/mm | Pieces | Weight/g |
|---------------|-----------|------|--------|----------|
| 0113004451000 | 113-4x4,5 | 75   | 12     | 10       |
| 0113005551000 | 113-5x5,5 | 75   | 12     | 10       |
| 0113006071000 | 113-6x7   | 86   | 12     | 18       |
| 0113008091000 | 113-8x9   | 86   | 12     | 22       |
| 0113010111000 | 113-10x11 | 105  | 12     | 32       |

| Code          | Number    | l/mm | Pieces | Weight/g |
|---------------|-----------|------|--------|----------|
| 0113306041000 | 113BA-6x4 | 75   | 12     | 10       |
| 0113304021000 | 113BA-4x2 | 90   | 12     | 18       |
| 0113302001000 | 113BA-2x0 | 105  | 12     | 38       |
|               |           |      |        |          |
|               |           |      |        |          |

## 113S...M

### DOUBLE-ENDED RING SPANNER-SET

- in plastic pouch
- with suspension eye
- extra short hexagon-series
- deep cranked
- chrome plated, polished
- Chrome-Vanadium 31 CrV 3 / 1.2208



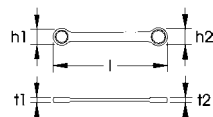
| Code          | Number  | Contents                              | Pieces | Weight/g |
|---------------|---------|---------------------------------------|--------|----------|
| 0113500301000 | 113S 3M | 113- 4x4,5, 6x7, 10x11 mm             | 1      | 70       |
| 0113500501000 | 113S 5M | 113- 4x4,5, 5x5,5, 6x7, 8x9, 10x11 mm | 1      | 106      |

| Code          | Number   | Contents                | Pieces | Weight/g |
|---------------|----------|-------------------------|--------|----------|
| 0113800301000 | 113S 3BA | 113BA- 6x4, 4x2, 2x0 BA | 1      | 80       |
|               |          |                         |        |          |

## 120-...

### DOUBLE-ENDED RING SPANNER, STRAIGHT

- flat and straight pattern
- thin-walled heads
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- Ausführung nach DIN 837, Form B, ISO 3318, ISO 1085



| Code          | Number    | h1 mm | h2 mm | t1 mm | t2 mm | l/mm | Pieces | Weight/g | Code          | Number    | h1 mm | h2 mm | t1 mm | t2 mm | l/mm | Pieces | Weight/g |
|---------------|-----------|-------|-------|-------|-------|------|--------|----------|---------------|-----------|-------|-------|-------|-------|------|--------|----------|
| 0120006071000 | 120-6x7   | 10,0  | 11,0  | 4,0   | 4,0   | 100  | 12     | 11       | 0120018211000 | 120-18x21 | 30,0  | 33,0  | 10,0  | 10,0  | 200  | 6      | 116      |
| 0120008091000 | 120-8x9   | 13,0  | 14,5  | 4,5   | 4,5   | 115  | 12     | 16       | 0120020221000 | 120-20x22 | 30,0  | 33,0  | 10,0  | 10,0  | 200  | 6      | 116      |
| 0120010111000 | 120-10x11 | 15,0  | 17,0  | 6,0   | 6,0   | 125  | 12     | 26       | 0120021221000 | 120-21x22 | 32,0  | 34,0  | 10,5  | 10,5  | 215  | 6      | 140      |
| 0120012131000 | 120-12x13 | 18,5  | 20,0  | 7,0   | 7,0   | 140  | 12     | 37       | 0120021231000 | 120-21x23 | 32,0  | 34,0  | 10,5  | 10,5  | 215  | 6      | 140      |
| 0120012141000 | 120-12x14 | 18,5  | 20,0  | 7,0   | 7,0   | 140  | 12     | 37       | 0120022241000 | 120-22x24 | 32,0  | 34,0  | 11,5  | 11,5  | 215  | 6      | 140      |
| 0120013161000 | 120-13x16 | 20,5  | 25,0  | 8,0   | 8,0   | 170  | 12     | 70       | 0120024261000 | 120-24x26 | 35,0  | 39,0  | 11,5  | 11,5  | 240  | 6      | 200      |
| 0120014151000 | 120-14x15 | 21,0  | 22,0  | 7,5   | 7,5   | 155  | 12     | 70       | 0120024271000 | 120-24x27 | 35,0  | 39,0  | 11,5  | 11,5  | 240  | 6      | 205      |
| 0120016171000 | 120-16x17 | 24,0  | 25,0  | 8,0   | 8,0   | 170  | 12     | 70       | 0120025281000 | 120-25x28 | 37,0  | 41,0  | 12,5  | 12,5  | 265  | 6      | 215      |
| 0120016181000 | 120-16x18 | 24,0  | 25,0  | 8,0   | 8,0   | 170  | 12     | 70       | 0120030321000 | 120-30x32 | 44,0  | 46,0  | 13,0  | 13,0  | 285  | 6      | 290      |
| 0120017191000 | 120-17x19 | 27,0  | 28,5  | 9,0   | 9,0   | 185  | 6      | 90       | 0120036411000 | 120-36x41 | 51,0  | 58,0  | 15,0  | 15,0  | 390  | 3      | 515      |
| 0120018191000 | 120-18x19 | 27,0  | 28,5  | 9,0   | 9,0   | 185  | 6      | 90       |               |           |       |       |       |       |      |        |          |

## 120S-...

### DOUBLE-ENDED RING SPANNER SET, STRAIGHT

- carton box packed
- flat and straight pattern
- thin-walled heads
- matt chrome plated
- Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 837, Form B, ISO 3318, ISO 1085



| Code          | Number       | Contents                                                                               | Pieces | Weight/g |
|---------------|--------------|----------------------------------------------------------------------------------------|--------|----------|
| 0120500601000 | 120S 6M      | 120- 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 mm                                         | 1      | 325      |
| 0120500801000 | 120S 8M      | 120- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm                             | 1      | 480      |
| 0120500821000 | 120S 8DIN    | 120- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x22 mm                             | 1      | 460      |
| 0120501001000 | 120S 10M     | 120- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm               | 1      | 820      |
| 0120501011000 | 120S 101M    | 120- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 30x32 mm               | 1      | 970      |
| 0120501201000 | 120S 12M     | 120- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 27x32, 30x34 mm | 1      | 1320     |
| 0120501221002 | 120S 12DIN-1 | 120- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm | 1      | 1271     |

## 115-...

### RATCHET RING SPANNER, STRAIGHT

- straight pattern
- chrome plated, polished
- special steel



| Code          | Number    | Teeth | Degree° | l/mm | Pieces | Weight/g |
|---------------|-----------|-------|---------|------|--------|----------|
| 0115006071000 | 115-6x7   | 14+15 | 25,5+24 | 117  | 6      | 53       |
| 0115008091000 | 115-8x9   | 16+18 | 22,5+20 | 135  | 6      | 73       |
| 0115010111000 | 115-10x11 | 17+18 | 21+20   | 143  | 6      | 80       |
| 0115012131000 | 115-12x13 | 17+18 | 21+20   | 179  | 6      | 145      |
| 0115014151000 | 115-14x15 | 19+21 | 20+17   | 179  | 6      | 150      |
| 0115016171000 | 115-16x17 | 19+21 | 20+17   | 209  | 6      | 258      |
| 0115018191000 | 115-18x19 | 21+24 | 17+15   | 209  | 6      | 260      |
| 0115021221000 | 115-21x22 | 21+24 | 17+15   | 227  | 6      | 283      |

## 115G-...

### RATCHET RING SPANNER, BENT

- bent, reversible
- reversible
- chrome plated, polished
- special steel



| Code          | Number     | Teeth | Degree° | l/mm | Pieces | Weight/g |
|---------------|------------|-------|---------|------|--------|----------|
| 0115306071000 | 115G-6x7   | 14+15 | 25,5+24 | 108  | 6      | 59       |
| 0115308091000 | 115G-8x9   | 16+18 | 22,5+20 | 138  | 6      | 91       |
| 0115310111000 | 115G-10x11 | 17+18 | 21+20   | 172  | 6      | 150      |
| 0115312131000 | 115G-12x13 | 17+18 | 21+20   | 172  | 6      | 150      |
| 0115314151000 | 115G-14x15 | 19+21 | 20+17   | 203  | 6      | 200      |
| 0115316171000 | 115G-16x17 | 19+21 | 20+17   | 203  | 6      | 200      |
| 0115318191000 | 115G-18x19 | 21+24 | 17+15   | 232  | 6      | 236      |
| 0115321221000 | 115G-21x22 | 21+24 | 17+15   | 232  | 6      | 236      |

You will find the matching OMS-28 module on page no. 43



You will find the matching OMS-29 module on page no. 44



## 119TXE-...

### DOUBLE-ENDED RING SPANNER FOR OUTSIDE TORX®-SCREWS

- for outside TORX®-screws
- straight pattern
- chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



| Code          | Number       | l/mm<br> | Pieces<br> | Weight/g<br> |
|---------------|--------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 0119006081000 | 119TXE- 6x8  | 115                                                                                       | 12                                                                                           | 15                                                                                              |
| 0119010121000 | 119TXE-10x12 | 142                                                                                       | 12                                                                                           | 30                                                                                              |
| 0119014181000 | 119TXE-14x18 | 162                                                                                       | 12                                                                                           | 75                                                                                              |
| 0119020241000 | 119TXE-20x24 | 225                                                                                       | 6                                                                                            | 180                                                                                             |

## 123-...

### DOUBLE END SWIVEL SOCKET WRENCH

- thin-walled heads with large swivel range
- matt chrome plated
- heads polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

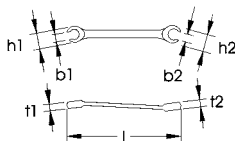


| Code          | Number    | l/mm<br> | Pieces<br> | Weight/g<br> |
|---------------|-----------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 0123008091000 | 123-8x9   | 185                                                                                         | 6                                                                                              | 60                                                                                                |
| 0123010111000 | 123-10x11 | 210                                                                                         | 6                                                                                              | 112                                                                                               |
| 0123012131000 | 123-12x13 | 230                                                                                         | 6                                                                                              | 170                                                                                               |
| 0123014151000 | 123-14x15 | 245                                                                                         | 6                                                                                              | 220                                                                                               |
| 0123016171000 | 123-16x17 | 270                                                                                         | 6                                                                                              | 270                                                                                               |
| 0123018191000 | 123-18x19 | 290                                                                                         | 3                                                                                              | 360                                                                                               |
| 0123020221000 | 123-20x22 | 330                                                                                         | 3                                                                                              | 500                                                                                               |
| 0123021231000 | 123-21x23 | 345                                                                                         | 3                                                                                              | 530                                                                                               |
| 0123024271000 | 123-24x27 | 360                                                                                         | 3                                                                                              | 790                                                                                               |
| 0123030321000 | 123-30x32 | 400                                                                                         | 3                                                                                              | 950                                                                                               |

## 121-..., 121A-...

### OPEN RING SPANNER

- for flare nuts e.g. at gasoline or hydraulic pipes
- open rings are 15° bent
- ring opening set at 30°
- up to 13×14 mm and 7/16"×1/2" AF= hex. pattern, all other: bi-hex. pattern,
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3118



| Code          | Number    | l/mm | h1<br>mm | h2<br>mm | b1<br>mm | b2<br>mm | t1<br>mm | t2<br>mm | Pieces | Weight/g |
|---------------|-----------|------|----------|----------|----------|----------|----------|----------|--------|----------|
| 0121008101000 | 121-8x10  | 150  | 16,5     | 20,0     | 6,0      | 7,0      | 7,5      | 9,0      | 12     | 48       |
| 0121009111000 | 121-9x11  | 150  | 16,5     | 20,0     | 6,5      | 8,5      | 7,5      | 9,0      | 12     | 48       |
| 0121010111000 | 121-10x11 | 165  | 20,0     | 22,0     | 7,0      | 8,5      | 9,0      | 9,5      | 12     | 67       |
| 0121010121000 | 121-10x12 | 165  | 20,0     | 24,0     | 7,0      | 9,0      | 8,5      | 10,0     | 12     | 67       |
| 0121011131000 | 121-11x13 | 165  | 20,0     | 23,5     | 8,5      | 10,0     | 8,5      | 10,0     | 12     | 67       |
| 0121012131000 | 121-12x13 | 190  | 23,5     | 26,0     | 9,0      | 10,0     | 10,0     | 11,0     | 12     | 100      |
| 0121012141000 | 121-12x14 | 190  | 23,5     | 26,0     | 9,0      | 11,0     | 10,0     | 11,0     | 12     | 100      |
| 0121013141000 | 121-13x14 | 190  | 23,5     | 26,0     | 9,0      | 11,0     | 10,0     | 11,0     | 12     | 100      |
| 0121013151000 | 121-13x15 | 190  | 23,5     | 26,0     | 10,0     | 12,0     | 10,0     | 11,0     | 12     | 100      |
| 0121014161000 | 121-14x16 | 200  | 25,0     | 29,0     | 11,0     | 14,0     | 11,0     | 12,5     | 12     | 135      |
| 0121014171000 | 121-14x17 | 200  | 25,0     | 29,0     | 11,0     | 14,0     | 11,0     | 12,5     | 12     | 135      |
| 0121016181000 | 121-16x18 | 210  | 30,0     | 32,0     | 14,0     | 15,0     | 12,0     | 13,0     | 12     | 160      |
| 0121017191000 | 121-17x19 | 210  | 30,0     | 32,0     | 14,0     | 15,0     | 12,0     | 13,0     | 12     | 160      |
| 0121019221000 | 121-19x22 | 230  | 32,0     | 36,0     | 15,0     | 17,0     | 13,5     | 15,0     | 6      | 190      |
| 0121021231000 | 121-21x23 | 245  | 37,0     | 40,0     | 16,5     | 18,0     | 14,0     | 15,5     | 6      | 240      |
| 0121022241000 | 121-22x24 | 245  | 37,0     | 40,0     | 17,0     | 18,0     | 14,0     | 15,5     | 6      | 240      |
| 0121024271000 | 121-24x27 | 260  | 40,0     | 44,0     | 18,0     | 20,0     | 16,0     | 16,5     | 6      | 325      |
| 0121030321000 | 121-30x32 | 288  | 48,0     | 52,0     | 22,0     | 24,0     | 20,0     | 21,5     | 6      | 465      |

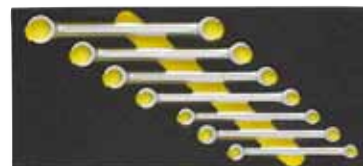
## 121S8M

### OPEN RING SPANNER SET

- carton box packed
- for flare nuts e.g. at gasoline or hydraulic pipes
- open rings are 15° bent
- ring opening set at 30°
- up to 13×14 mm = hex. pattern, all other: bi-hex. pattern,
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3118



| Code          | Number  | Contents                                                     | Pieces | Weight/g |
|---------------|---------|--------------------------------------------------------------|--------|----------|
| 0121500801000 | 121S 8M | 121- 8×10, 9×11, 12×14, 13×15, 14×16, 17×19, 21×23, 22×24 mm | 1      | 1130     |



## 117-...

### RING RATCHET-SPANNER, HINGED

- for awkward areas with limited access for hydraulic-, pneumatic and other bolted connections within a conduit system
- smallest swivel angle 30°
- chrome-plated, head gun metal finish
- special steel



| Code          | Number | l/mm | Pieces | Weight/g |
|---------------|--------|------|--------|----------|
| 0117000101000 | 117-10 | 155  | 6      | 82       |
| 0117000111000 | 117-11 | 155  | 6      | 83       |
| 0117000121000 | 117-12 | 155  | 6      | 85       |
| 0117000131000 | 117-13 | 155  | 6      | 90       |
| 0117000141000 | 117-14 | 155  | 6      | 90       |
| 0117000171000 | 117-17 | 210  | 6      | 148      |
| 0117000191000 | 117-19 | 210  | 6      | 156      |
| 0117000221000 | 117-22 | 210  | 3      | 270      |
| 0117000241000 | 117-24 | 219  | 3      | 610      |
| 0117000271000 | 117-27 | 315  | 3      | 610      |
| 0117000321000 | 117-32 | 319  | 3      | 610      |

## 117S...

### RING RATCHET-SPANNER-SET, HINGED

- carton box packed
- for awkward areas with limited access for hydraulic-, pneumatic and other bolted connections within a conduit system
- smallest swivel angle 30°
- chrome-plated, head gun metal finish
- special steel



| Code          | Number  | Contents                                           | Pieces | Weight/g |
|---------------|---------|----------------------------------------------------|--------|----------|
| 0117500051000 | 117 S6  | 117- 10, 11, 12, 13, 14, 17 mm                     | 1      | 578      |
| 0117500111000 | 117 S11 | 117- 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 32 mm | 1      | 2834     |

## 122-..., 122A-...

### OBSTRUCTION RING SPANNER

- especially suitable for work on engines  
e.g. bolts on alternator,  
carburetor and starter
- with thin-walled rings
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to ISO 3318



| Code          | Number    | l/mm<br>┌─┐ | Pieces<br>☞ | Weight/g<br>⚖ |
|---------------|-----------|-------------|-------------|---------------|
| 0122010121000 | 122-10x12 | 150         | 6           | 80            |
| 0122011131000 | 122-11x13 | 150         | 6           | 55            |
| 0122012131000 | 122-12x13 | 150         | 6           | 55            |
| 0122013151000 | 122-13x15 | 185         | 6           | 110           |
| 0122013171000 | 122-13x17 | 185         | 6           | 110           |
| 0122014161000 | 122-14x16 | 185         | 6           | 110           |
| 0122014171000 | 122-14x17 | 185         | 6           | 110           |
| 0122015171000 | 122-15x17 | 185         | 6           | 110           |
| 0122017191000 | 122-17x19 | 200         | 6           | 195           |
| 0122019211000 | 122-19x21 | 230         | 6           | 195           |
| 0122019221000 | 122-19x22 | 230         | 6           | 195           |

| Code          | Number        | l/mm<br>┌─┐ | Pieces<br>☞ | Weight/g<br>⚖ |
|---------------|---------------|-------------|-------------|---------------|
| 0122123251000 | 122A-1/2x9/16 | 185         | 6           | 110           |
| 0122124261000 | 122A-9/16x5/8 | 185         | 6           | 110           |
|               |               |             |             |               |
|               |               |             |             |               |
|               |               |             |             |               |
|               |               |             |             |               |
|               |               |             |             |               |
|               |               |             |             |               |
|               |               |             |             |               |
|               |               |             |             |               |
|               |               |             |             |               |

## 88-...

### SINGLE END RING SPANNER

- straight pattern
- with suspension eye
- sand-blasted
- further sizes on request
- ELORA-Tempering steel C35 / 1.0501
- according to DIN 3111



| Code          | Number | l/mm<br>┌─┐ | Pieces<br>☞ | Weight/g<br>⚖ |
|---------------|--------|-------------|-------------|---------------|
| 0088000131000 | 88-13  | 138         | 6           | 45            |
| 0088000141000 | 88-14  | 138         | 6           | 45            |
| 0088000171000 | 88-17  | 155         | 6           | 75            |
| 0088000191000 | 88-19  | 171         | 6           | 100           |
| 0088000221000 | 88-22  | 190         | 6           | 140           |
| 0088000241000 | 88-24  | 215         | 3           | 160           |
| 0088000271000 | 88-27  | 230         | 3           | 200           |
| 0088000301000 | 88-30  | 254         | 3           | 280           |
| 0088000321000 | 88-32  | 265         | 3           | 350           |
| 0088000361000 | 88-36  | 295         | 1           | 500           |
| 0088000411000 | 88-41  | 330         | 1           | 750           |
| 0088000461000 | 88-46  | 365         | 1           | 950           |

| Code          | Number | l/mm<br>┌─┐ | Pieces<br>☞ | Weight/g<br>⚖ |
|---------------|--------|-------------|-------------|---------------|
| 0088000501000 | 88-50  | 400         | 1           | 1200          |
| 0088000551000 | 88-55  | 442         | 1           | 1600          |
| 0088000601000 | 88-60  | 475         | 1           | 1800          |
| 0088000651000 | 88-65  | 510         | 1           | 2400          |
| 0088000701000 | 88-70  | 555         | 1           | 2700          |
| 0088000751000 | 88-75  | 590         | 1           | 3400          |
| 0088000801000 | 88-80  | 620         | 1           | 3800          |
| 0088000851000 | 88-85  | 665         | 1           | 4400          |
| 0088000901000 | 88-90  | 698         | 1           | 5300          |
| 0088000951000 | 88-95  | 700         | 1           | 5800          |
|               |        |             |             |               |
|               |        |             |             |               |

**86-..., 86A-...****RING SLOGGING SPANNER**

- heavy, drop-forged type
- sand-blasted
- further sizes on request
- from 22 mm until 115 mm and all AF-sizes:  
ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- from 120 mm until 230 mm:  
ELORA-Tempering steel C35 / 1.0501
- according to DIN 7444



| Code          | Number        | l/mm<br> | Pieces<br> | Weight/g<br> |
|---------------|---------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 0086000221000 | 86-22         | 165                                                                                       | 1                                                                                           | 230                                                                                           |
| 0086000241000 | 86-24         | 165                                                                                       | 1                                                                                           | 230                                                                                           |
| 0086000271000 | 86-27-1.1/16  | 180                                                                                       | 1                                                                                           | 350                                                                                           |
| 0086000281000 | 86-28-1.1/16  | 180                                                                                       | 1                                                                                           | 350                                                                                           |
| 0086000301000 | 86-30         | 190                                                                                       | 1                                                                                           | 465                                                                                           |
| 0086000321000 | 86-32         | 190                                                                                       | 1                                                                                           | 465                                                                                           |
| 0086000341000 | 86-34         | 190                                                                                       | 1                                                                                           | 465                                                                                           |
| 0086000361000 | 86-36         | 210                                                                                       | 1                                                                                           | 570                                                                                           |
| 0086000381000 | 86-38-1.1/2   | 210                                                                                       | 1                                                                                           | 570                                                                                           |
| 0086000411000 | 86-41-1.5/8   | 230                                                                                       | 1                                                                                           | 760                                                                                           |
| 0086000461000 | 86-46-1.13/16 | 242                                                                                       | 1                                                                                           | 950                                                                                           |
| 0086000501000 | 86-50         | 254                                                                                       | 1                                                                                           | 1120                                                                                          |
| 0086000551000 | 86-55         | 268                                                                                       | 1                                                                                           | 1560                                                                                          |
| 0086000581000 | 86-58         | 283                                                                                       | 1                                                                                           | 1625                                                                                          |
| 0086000601000 | 86-60         | 283                                                                                       | 1                                                                                           | 1625                                                                                          |
| 0086000651000 | 86-65         | 300                                                                                       | 1                                                                                           | 2060                                                                                          |
| 0086000701000 | 86-70         | 325                                                                                       | 1                                                                                           | 3000                                                                                          |
| 0086000751000 | 86-75         | 325                                                                                       | 1                                                                                           | 2940                                                                                          |
| 0086000801000 | 86-80         | 358                                                                                       | 1                                                                                           | 4000                                                                                          |
| 0086000851000 | 86-85         | 358                                                                                       | 1                                                                                           | 3900                                                                                          |
| 0086000901000 | 86-90         | 388                                                                                       | 1                                                                                           | 5400                                                                                          |
| 0086000951000 | 86-95         | 388                                                                                       | 1                                                                                           | 5400                                                                                          |
| 0086001001000 | 86-100        | 420                                                                                       | 1                                                                                           | 6530                                                                                          |
| 0086001051000 | 86-105        | 420                                                                                       | 1                                                                                           | 6530                                                                                          |
| 0086001101000 | 86-110        | 450                                                                                       | 1                                                                                           | 8600                                                                                          |
| 0086001151000 | 86-115        | 450                                                                                       | 1                                                                                           | 8600                                                                                          |
| 0086001201000 | 86-120        | 475                                                                                       | 1                                                                                           | 12000                                                                                         |
| 0086001251000 | 86-125        | 475                                                                                       | 1                                                                                           | 12000                                                                                         |
| 0086001301000 | 86-130*       | 520                                                                                       | 1                                                                                           | 13200                                                                                         |
| 0086001351000 | 86-135*       | 520                                                                                       | 1                                                                                           | 13400                                                                                         |
| 0086001401000 | 86-140*       | 520                                                                                       | 1                                                                                           | 13800                                                                                         |
| 0086001451000 | 86-145*       | 575                                                                                       | 1                                                                                           | 19200                                                                                         |
| 0086001501000 | 86-150*       | 575                                                                                       | 1                                                                                           | 19200                                                                                         |
| 0086001551000 | 86-155*       | 575                                                                                       | 1                                                                                           | 19200                                                                                         |
| 0086001601000 | 86-160*       | 575                                                                                       | 1                                                                                           | 19200                                                                                         |
| 0086001651000 | 86-165*       | 650                                                                                       | 1                                                                                           | 28600                                                                                         |
| 0086001701000 | 86-170*       | 650                                                                                       | 1                                                                                           | 28600                                                                                         |
| 0086001751000 | 86-175*       | 650                                                                                       | 1                                                                                           | 28600                                                                                         |
| 0086001801000 | 86-180*       | 650                                                                                       | 1                                                                                           | 28600                                                                                         |
| 0086001851000 | 86-185*       | 700                                                                                       | 1                                                                                           | 35500                                                                                         |
| 0086001901000 | 86-190*       | 700                                                                                       | 1                                                                                           | 35600                                                                                         |
| 0086001951000 | 86-195*       | 700                                                                                       | 1                                                                                           | 35700                                                                                         |
| 0086002001000 | 86-200*       | 700                                                                                       | 1                                                                                           | 35800                                                                                         |
| 0086002101000 | 86-210*       | 750                                                                                       | 1                                                                                           | 41000                                                                                         |
| 0086002201000 | 86-220*       | 750                                                                                       | 1                                                                                           | 42000                                                                                         |
| 0086002301000 | 86-230*       | 750                                                                                       | 1                                                                                           | 45000                                                                                         |

| Code          | Number        | l/mm<br> | Pieces<br> | Weight/g<br> |
|---------------|---------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 0086100341000 | 86A-1         | 165                                                                                         | 1                                                                                             | 230                                                                                             |
| 0086000271000 | 86-27-1.1/16  | 180                                                                                         | 1                                                                                             | 230                                                                                             |
| 0086100361000 | 86A-1.1/8     | 180                                                                                         | 1                                                                                             | 350                                                                                             |
| 0086100371000 | 86A-1.3/16    | 190                                                                                         | 1                                                                                             | 465                                                                                             |
| 0086100381000 | 86A-1.1/4     | 190                                                                                         | 1                                                                                             | 465                                                                                             |
| 0086100391000 | 86A-1.5/16    | 190                                                                                         | 1                                                                                             | 465                                                                                             |
| 0086100401000 | 86A-1.3/8     | 210                                                                                         | 1                                                                                             | 570                                                                                             |
| 0086100411000 | 86A-1.7/16    | 210                                                                                         | 1                                                                                             | 570                                                                                             |
| 0086000381000 | 86-38-1.1/2   | 210                                                                                         | 1                                                                                             | 570                                                                                             |
| 0086100431000 | 86A-1.9/16    | 230                                                                                         | 1                                                                                             | 760                                                                                             |
| 0086000411000 | 86-41-1.5/8   | 230                                                                                         | 1                                                                                             | 760                                                                                             |
| 0086100451000 | 86A-1.11/16   | 230                                                                                         | 1                                                                                             | 760                                                                                             |
| 0086100461000 | 86A-1.3/4     | 242                                                                                         | 1                                                                                             | 950                                                                                             |
| 0086000461000 | 86-46-1.13/16 | 242                                                                                         | 1                                                                                             | 950                                                                                             |
| 0086100481000 | 86A-1.7/8     | 242                                                                                         | 1                                                                                             | 950                                                                                             |
| 0086100481001 | 86A-1.15/16   | 254                                                                                         | 1                                                                                             | 1120                                                                                            |
| 0086100491000 | 86A-2         | 254                                                                                         | 1                                                                                             | 1120                                                                                            |
| 0086100501000 | 86A-2.1/16    | 254                                                                                         | 1                                                                                             | 1120                                                                                            |
| 0086100511000 | 86A-2.1/8     | 268                                                                                         | 1                                                                                             | 1560                                                                                            |
| 0086100521000 | 86A-2.3/16    | 268                                                                                         | 1                                                                                             | 1560                                                                                            |
| 0086100531000 | 86A-2.1/4     | 268                                                                                         | 1                                                                                             | 1560                                                                                            |
| 0086100541000 | 86A-2.5/16    | 283                                                                                         | 1                                                                                             | 1625                                                                                            |
| 0086100551000 | 86A-2.3/8     | 283                                                                                         | 1                                                                                             | 1625                                                                                            |
| 0086100561000 | 86A-2.7/16    | 283                                                                                         | 1                                                                                             | 1625                                                                                            |
| 0086100571000 | 86A-2.1/2     | 283                                                                                         | 1                                                                                             | 1625                                                                                            |
| 0086100581000 | 86A-2.9/16    | 300                                                                                         | 1                                                                                             | 2060                                                                                            |
| 0086100591000 | 86A-2.5/8     | 300                                                                                         | 1                                                                                             | 2060                                                                                            |
| 0086100601000 | 86A-2.3/4     | 325                                                                                         | 1                                                                                             | 3000                                                                                            |
| 0086100611000 | 86A-2.13/16   | 325                                                                                         | 1                                                                                             | 3000                                                                                            |
| 0086100611001 | 86A-2.7/8     | 325                                                                                         | 1                                                                                             | 3000                                                                                            |
| 0086100621000 | 86A-2.15/16   | 325                                                                                         | 1                                                                                             | 2940                                                                                            |
| 0086100631000 | 86A-3         | 325                                                                                         | 1                                                                                             | 2940                                                                                            |
| 0086100641000 | 86A-3.1/8     | 358                                                                                         | 1                                                                                             | 4000                                                                                            |
| 0086100651000 | 86A-3.1/4     | 358                                                                                         | 1                                                                                             | 4000                                                                                            |
| 0086100661000 | 86A-3.3/8     | 358                                                                                         | 1                                                                                             | 4000                                                                                            |
| 0086100671000 | 86A-3.1/2     | 358                                                                                         | 1                                                                                             | 4000                                                                                            |
| 0086100681000 | 86A-3.5/8     | 388                                                                                         | 1                                                                                             | 5400                                                                                            |
| 0086100691000 | 86A-3.3/4     | 388                                                                                         | 1                                                                                             | 5400                                                                                            |
| 0086100701000 | 86A-3.7/8     | 388                                                                                         | 1                                                                                             | 5400                                                                                            |
| 0086100711000 | 86A-4         | 420                                                                                         | 1                                                                                             | 6530                                                                                            |
| 0086100721000 | 86A-4.1/8     | 420                                                                                         | 1                                                                                             | 6530                                                                                            |
| 0086100731000 | 86A-4.1/4     | 450                                                                                         | 1                                                                                             | 8600                                                                                            |
| 0086100741000 | 86A-4.1/2     | 450                                                                                         | 1                                                                                             | 8600                                                                                            |
|               |               |                                                                                             |                                                                                               |                                                                                                 |
|               |               |                                                                                             |                                                                                               |                                                                                                 |
|               |               |                                                                                             |                                                                                               |                                                                                                 |

## 86S-13

### RING SLOGGING SPANNER-SET

- heavy, drop-forged type
- sand-blasted
- on yellow metal display board
- Size: 895 x 500 mm
- further sizes on request
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 7444



02

| Code          | Number | Contents                                                  | Pieces | Weight/g |
|---------------|--------|-----------------------------------------------------------|--------|----------|
| 0086501301000 | 86S-13 | 86- 30, 32, 36, 38, 41, 46, 50, 55, 60, 65, 70, 75, 80 mm | 1      | 26000    |
| 0086500006000 | 86L    | empty                                                     | 1      | 6800     |

## 89-..., 89A-...

### RING SLOGGING SPANNER DEEP OFFSET

- deep cranked, heavy type
- sand-blasted
- further sizes on request
- ELORA-Tempering steel C35 / 1.0501
- according to DIN 7444



| Code          | Number | l/mm | Pieces | Weight/g | Code          | Number      | l/mm | Pieces | Weight/g |
|---------------|--------|------|--------|----------|---------------|-------------|------|--------|----------|
| 0089000271000 | 89-27  | 270  | 1      | 1098     | 0089100351000 | 89A-1.1/16  | 270  | 1      | 1111     |
| 0089000301000 | 89-30  | 270  | 1      | 1080     | 0089100361000 | 89A-1.1/8   | 270  | 1      | 1104     |
| 0089000321000 | 89-32  | 270  | 1      | 1061     | 0089100371000 | 89A-1.3/16  | 270  | 1      | 1094     |
| 0089000361000 | 89-36  | 310  | 1      | 2010     | 0089100381000 | 89A-1.1/4   | 270  | 1      | 1084     |
| 0089000381000 | 89-38* | 310  | 1      | 1900     | 0089100401000 | 89A-1.3/8   | 310  | 1      | 1982     |
| 0089000391000 | 89-39* | 310  | 1      | 1900     | 0089100391000 | 89A-1.5/16  | 270  | 1      | 1066     |
| 0089000411000 | 89-41  | 310  | 1      | 1842     | 0089100411000 | 89A-1.7/16  | 310  | 1      | 1945     |
| 0089000431000 | 89-43* | 340  | 1      | 1900     | 0089100421000 | 89A-1.1/2   | 310  | 1      | 1957     |
| 0089000461000 | 89-46  | 340  | 1      | 2950     | 0089100441000 | 89A-1.5/8   | 310  | 1      | 1910     |
| 0089000501000 | 89-50  | 360  | 1      | 4410     | 0089100451000 | 89A-1.11/16 | 340  | 1      | 3015     |
| 0089000551000 | 89-55  | 360  | 1      | 4155     | 0089100461000 | 89A-1.3/4   | 340  | 1      | 2975     |
| 0089000601000 | 89-60  | 380  | 1      | 5690     | 0089100471000 | 89A-1.13/16 | 340  | 1      | 2975     |
| 0089000651000 | 89-65  | 380  | 1      | 5490     | 0089100481000 | 89A-1.7/8   | 340  | 1      | 2885     |
| 0089000701000 | 89-70  | 406  | 1      | 7455     | 0089100481001 | 89A-1.15/16 | 360  | 1      | 4285     |
| 0089000751000 | 89-75  | 406  | 1      | 7165     | 0089100491000 | 89A-2       | 360  | 1      | 4250     |
| 0089000801000 | 89-80  | 406  | 1      | 6970     | 0089100501000 | 89A-2.1/16  | 360  | 1      | 4190     |
| 0089000851000 | 89-85  | 459  | 1      | 10630    | 0089100511000 | 89A-2.1/8   | 360  | 1      | 4130     |
| 0089000901000 | 89-90  | 459  | 1      | 10480    | 0089100521000 | 89A-2.3/16  | 360  | 1      | 4150     |
| 0089000951000 | 89-95  | 459  | 1      | 9830     | 0089100531000 | 89A-2.1/4   | 360  | 1      | 4070     |
| 0089001001000 | 89-100 | 459  | 1      | 9700     | 0089100541000 | 89A-2.5/16  | 380  | 1      | 5680     |
| 0089001051000 | 89-105 | 510  | 1      | 16100    | 0089100551000 | 89A-2.3/8   | 380  | 1      | 5600     |
| 0089001101000 | 89-110 | 510  | 1      | 13565    | 0089100561000 | 89A-2.7/16* | 380  | 1      | 5500     |
| 0089001151000 | 89-115 | 510  | 1      | 16100    | 0089100571000 | 89A-2.1/2   | 380  | 1      | 5475     |
|               |        |      |        |          | 0089100581000 | 89A-2.9/16  | 380  | 1      | 5455     |
|               |        |      |        |          | 0089100601000 | 89-2.3/4    | 406  | 1      | 7475     |
|               |        |      |        |          | 0089100591000 | 89A-2.5/8   | 380  | 1      | 5455     |
|               |        |      |        |          | 0089100611000 | 89A-2.7/8   | 406  | 1      | 7305     |
|               |        |      |        |          | 0089100621000 | 89A-2.15/16 | 406  | 1      | 7205     |
|               |        |      |        |          | 0089100631000 | 89A-3       | 406  | 1      | 7130     |
|               |        |      |        |          | 0089100641000 | 89A-3.1/8   | 406  | 1      | 6915     |
|               |        |      |        |          | 0089100661000 | 89A-3.3/8   | 459  | 1      | 10450    |
|               |        |      |        |          | 0089100671000 | 89A-3.1/2   | 459  | 1      | 10400    |
|               |        |      |        |          | 0089100691000 | 89A-3.3/4   | 459  | 1      | 10600    |
|               |        |      |        |          | 0089100701000 | 89A-3.7/8   | 459  | 1      | 9650     |
|               |        |      |        |          | 0089100711000 | 89A-4       | 459  | 1      | 9355     |
|               |        |      |        |          | 0089100721000 | 89A-4.1/8   | 510  | 1      | 16100    |
|               |        |      |        |          | 0089100731000 | 89A-4.1/4   | 510  | 1      | 16100    |
|               |        |      |        |          | 0089100741000 | 89A-4.1/2   | 510  | 1      | 16100    |
|               |        |      |        |          | 0089100751000 | 89A-4.5/8   | 510  | 1      | 16100    |

\* delivery on request

## 87-..., 87A-...

### OPEN END SLOGGING SPANNER

- heavy, drop-forged type
- sand-blasted
- further sizes on request
- up to 110 mm and all AF-Sizes:  
Chrom-Vanadium 31 CrV 3 / 1.2208
- from 115 mm: ELORA-Tempering steel C35 / 1.0501
- according to DIN 133



mm

AF"

| Code          | Number        | l/mm<br>┌─┐ | Pieces<br>☞ | Weight/g<br>⚖ |
|---------------|---------------|-------------|-------------|---------------|
| 0087000241000 | 87-24         | 180         | 1           | 340           |
| 0087000271000 | 87-27         | 180         | 1           | 340           |
| 0087000301000 | 87-30         | 190         | 1           | 440           |
| 0087000321000 | 87-32         | 190         | 1           | 425           |
| 0087000361000 | 87-36         | 215         | 1           | 750           |
| 0087000381000 | 87-38 / 1.1/2 | 215         | 1           | 750           |
| 0087000411000 | 87-41         | 235         | 1           | 930           |
| 0087000461000 | 87-46 / 1.3/4 | 255         | 1           | 1200          |
| 0087000501000 | 87-50         | 275         | 1           | 1675          |
| 0087000551000 | 87-55         | 300         | 1           | 1900          |
| 0087000601000 | 87-60         | 320         | 1           | 2500          |
| 0087000651000 | 87-65         | 342         | 1           | 3460          |
| 0087000701000 | 87-70         | 375         | 1           | 4450          |
| 0087000751000 | 87-75         | 375         | 1           | 4050          |
| 0087000801000 | 87-80         | 408         | 1           | 6000          |
| 0087000851000 | 87-85         | 408         | 1           | 5650          |
| 0087000901000 | 87-90         | 445         | 1           | 7800          |
| 0087000951000 | 87-95         | 445         | 1           | 7800          |
| 0087001001000 | 87-100        | 485         | 1           | 11500         |
| 0087001051000 | 87-105        | 485         | 1           | 11500         |
| 0087001101000 | 87-110        | 510         | 1           | 13500         |
| 0087001151000 | 87-115        | 510         | 1           | 13500         |
| 0087001201000 | 87-120        | 545         | 1           | 16000         |
| 0087001251000 | 87-125        | 545         | 1           | 16000         |
| 0087001301000 | 87-130*       | 575         | 1           | 19000         |
| 0087001351000 | 87-135*       | 575         | 1           | 19000         |
| 0087001401000 | 87-140*       | 575         | 1           | 20700         |
| 0087001451000 | 87-145*       | 640         | 1           | 27100         |
| 0087001501000 | 87-150*       | 640         | 1           | 27300         |
| 0087001551000 | 87-155*       | 640         | 1           | 27400         |
| 0087001601000 | 87-160*       | 715         | 1           | 25500         |
| 0087001651000 | 87-165*       | 715         | 1           | 40000         |
| 0087001701000 | 87-170*       | 715         | 1           | 39000         |
| 0087001751000 | 87-175*       | 715         | 1           | 39000         |
| 0087001801000 | 87-180*       | 715         | 1           | 39500         |
| 0087001851000 | 87-185*       | 715         | 1           | 36000         |
| 0087001901000 | 87-190*       | 800         | 1           | 53300         |
| 0087001951000 | 87-195*       | 800         | 1           | 53000         |
| 0087002001000 | 87-200*       | 800         | 1           | 53000         |
| 0087002101000 | 87-210*       | 800         | 1           | 53400         |
| 0087002201000 | 87-220*       | 800         | 1           | 55000         |

| Code          | Number        | l/mm<br>┌─┐ | Pieces<br>☞ | Weight/g<br>⚖ |
|---------------|---------------|-------------|-------------|---------------|
| 0087100341000 | 87A-1         | 180         | 1           | 340           |
| 0087100351000 | 87A-1.1/16    | 180         | 1           | 345           |
| 0087100361000 | 87A-1.1/8     | 180         | 1           | 345           |
| 0087100371000 | 87A-1.3/16    | 190         | 1           | 440           |
| 0087100381000 | 87A-1.1/4     | 190         | 1           | 425           |
| 0087100391000 | 87A-1.5/16    | 190         | 1           | 425           |
| 0087100411000 | 87A-1.7/16    | 215         | 1           | 750           |
| 0087000381000 | 87-38 / 1.1/2 | 215         | 1           | 750           |
| 0087100431000 | 87A-1.9/16    | 235         | 1           | 930           |
| 0087100441000 | 87A-1.5/8     | 235         | 1           | 930           |
| 0087100451000 | 87A-1.11/16   | 235         | 1           | 930           |
| 0087000461000 | 87-46 / 1.3/4 | 255         | 1           | 1200          |
| 0087100471000 | 87A-1.13/16   | 255         | 1           | 1200          |
| 0087100481000 | 87A-1.7/8     | 255         | 1           | 1200          |
| 0087100481001 | 87A-1.15/16   | 275         | 1           | 1675          |
| 0087100491000 | 87A-2         | 275         | 1           | 1675          |
| 0087100501000 | 87A-2.1/16    | 275         | 1           | 1675          |
| 0087100511000 | 87A-2.1/8     | 300         | 1           | 1900          |
| 0087100521000 | 87A-2.3/16    | 300         | 1           | 1900          |
| 0087100531000 | 87A-2.1/4     | 300         | 1           | 1900          |
| 0087100541000 | 87A-2.5/16    | 320         | 1           | 2500          |
| 0087100551000 | 87A-2.3/8     | 320         | 1           | 2500          |
| 0087100561000 | 87A-2.7/16    | 320         | 1           | 2500          |
| 0087100571000 | 87A-2.1/2     | 342         | 1           | 3460          |
| 0087100581000 | 87A-2.9/16    | 342         | 1           | 3460          |
| 0087100591000 | 87A-2.5/8     | 342         | 1           | 3460          |
| 0087100601000 | 87A-2.3/4     | 375         | 1           | 4450          |
| 0087100611000 | 87A-2.13/16   | 375         | 1           | 4450          |
| 0087100611001 | 87A-2.7/8     | 375         | 1           | 4450          |
| 0087100621000 | 87A-2.15/16   | 375         | 1           | 4050          |
| 0087100631000 | 87A-3         | 375         | 1           | 4050          |
| 0087100641000 | 87A-3.1/8     | 408         | 1           | 6000          |
| 0087100651000 | 87A-3.1/4     | 408         | 1           | 6000          |
| 0087100661000 | 87A-3.3/8     | 408         | 1           | 5650          |
| 0087100671000 | 87A-3.1/2     | 445         | 1           | 7800          |
| 0087100681000 | 87A-3.5/8     | 445         | 1           | 7800          |
| 0087100691000 | 87A-3.3/4     | 445         | 1           | 7800          |
| 0087100701000 | 87A-3.7/8     | 485         | 1           | 11500         |
| 0087100711000 | 87A-4         | 485         | 1           | 11500         |
| 0087100721000 | 87A-4.1/8     | 485         | 1           | 11500         |
| 0087100731000 | 87A-4.1/4     | 510         | 1           | 13500         |
| 0087100741000 | 87A-4.1/2     | 510         | 1           | 13500         |

**85-..., 85A-...**

## CONSTRUCTION RING SPANNER

- heavy, deep cranked pattern
- for use with tommy bar tubes ELORA-No. 855
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 475

[illegible]

| Code          | Number          | l/mm<br> | Pieces<br> | Weight/g<br> |
|---------------|-----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 0085100311000 | 85A-7/8         | 195                                                                                       | 1                                                                                             | 370                                                                                             |
| 0085100341000 | 85A-1           | 180                                                                                       | 1                                                                                             | 370                                                                                             |
| 0085100351000 | 85A-1.1/16      | 185                                                                                       | 1                                                                                             | 410                                                                                             |
| 0085100361000 | 85A-1.1/8       | 185                                                                                       | 1                                                                                             | 410                                                                                             |
| 0085100381000 | 85A-1.1/4       | 230                                                                                       | 1                                                                                             | 720                                                                                             |
| 0085100391000 | 85A-1.5/16      | 230                                                                                       | 1                                                                                             | 720                                                                                             |
| 0085100401000 | 85A-1.3/8       | 240                                                                                       | 1                                                                                             | 840                                                                                             |
| 0085100411000 | 85A-1.7/16      | 240                                                                                       | 1                                                                                             | 840                                                                                             |
| 0085000381000 | 85-38 / 1.1/2   | 240                                                                                       | 1                                                                                             | 840                                                                                             |
| 0085100431000 | 85A-1.9/16      | 250                                                                                       | 1                                                                                             | 935                                                                                             |
| 0085100441000 | 85A-1.5/8       | 250                                                                                       | 1                                                                                             | 935                                                                                             |
| 0085100451000 | 85A-1.11/16     | 250                                                                                       | 1                                                                                             | 935                                                                                             |
| 0085000461000 | 85-46 / 1.13/16 | 260                                                                                       | 1                                                                                             | 1300                                                                                            |
| 0085100481000 | 85A-1.7/8       | 260                                                                                       | 1                                                                                             | 1300                                                                                            |
| 0085100491000 | 85A-2           | 270                                                                                       | 1                                                                                             | 1450                                                                                            |
| 0085100501000 | 85A-2.1/16      | 270                                                                                       | 1                                                                                             | 1450                                                                                            |
| 0085100511000 | 85A-2.1/8       | 270                                                                                       | 1                                                                                             | 1450                                                                                            |
| 0085100521000 | 85A-2.3/16      | 270                                                                                       | 1                                                                                             | 1500                                                                                            |
| 0085100531000 | 85A-2.1/4       | 270                                                                                       | 1                                                                                             | 1500                                                                                            |
| 0085100551000 | 85A-2.3/8       | 325                                                                                       | 1                                                                                             | 2400                                                                                            |
| 0085100571000 | 85A-2.1/2       | 325                                                                                       | 1                                                                                             | 2400                                                                                            |
| 0085100581000 | 85A-2.9/16      | 340                                                                                       | 1                                                                                             | 2600                                                                                            |
| 0085100601000 | 85A-2.3/4       | 340                                                                                       | 1                                                                                             | 2800                                                                                            |
| 0085100621000 | 85A-2.15/16     | 370                                                                                       | 1                                                                                             | 3000                                                                                            |
| 0085100641000 | 85A-3.1/8       | 385                                                                                       | 1                                                                                             | 3920                                                                                            |
| 0085100661000 | 85A-3.3/8       | 385                                                                                       | 1                                                                                             | 4100                                                                                            |
| 0085100681000 | 85A-3.5/8       | 410                                                                                       | 1                                                                                             | 4950                                                                                            |
| 0085100701000 | 85A-3.7/8       | 415                                                                                       | 1                                                                                             | 4900                                                                                            |
| 0085100711000 | 85A-4           | 415                                                                                       | 1                                                                                             | 4900                                                                                            |
| 0085100721000 | 85A-4.1/8       | 415                                                                                       | 1                                                                                             | 4900                                                                                            |

## 855-...

## TOMMY BAR TUBE

- for use with construction ring spanners ELORA-No. 85
- chrome plated
- steel tube



| Code          | Number | for 85-mm<br> | for 85-AF<br> | l/mm<br> | Pieces<br> | Weight/g<br> |
|---------------|--------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 0855000221000 | 855-22 | 22, 24, 27, 30                                                                                   | 7/8, 1, 1.1/16, 1.1/8, 1.3/16 AF                                                                 | 460x23                                                                                      | 1                                                                                             | 600                                                                                             |
| 0855000321000 | 855-32 | 32, 36, 38, 41                                                                                   | 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2, 1.9/16, 1.5/8, 1.11/16 AF                                   | 610x27                                                                                      | 1                                                                                             | 600                                                                                             |
| 0855000461000 | 855-46 | 46, 50, 55                                                                                       | 1.3/4, 1.13/16, 1.7/8, 2, 2.1/16, 2.1/8, 2.3/16, 2.1/4 AF                                        | 760x30                                                                                      | 1                                                                                             | 600                                                                                             |
| 0855000601000 | 855-60 | 60, 65, 70, 75, 80, 85, 90, 95, 100, 105                                                         | 2.3/8, 2.1/2, 2.9/16, 2.3/4, 2.15/16, 3.1/8, 3.3/8 AF                                            | 865x37                                                                                      | 1                                                                                             | 600                                                                                             |

## 85S.../85L...

### CONSTRUCTION RING SPANNER-SET

- heavy, deep cranked pattern
- matt chrome plated
- on yellow metal display board
- Size: 895 x 725 mm
- ELORA-Chrome-Vanadium  
31 CrV 3 / 1.2208
- according to DIN 475

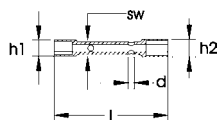


| Code          | Number   | Contents                                                                                                                        | Pieces<br> | Weight/g<br> |
|---------------|----------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 0085501701000 | 85S 17M  | 85- 27, 30, 32, 36, 41, 46, 50, 55, 60, 65, 70, 75, 80 mm<br>855- 22, 855-32, 855-46, 855-60                                    | 1                                                                                               | 37000                                                                                             |
| 0085601601000 | 85S 16AF | 85- 1.1/4, 1.7/16, 1.5/8, 1.13/16, 2, 2.3/16, 2.3/8, 2.9/16, 2.3/4, 2.15/16, 3.1/8, 3.3/8 AF<br>855- 22, 855-32, 855-46, 855-60 | 1                                                                                               | 33000                                                                                             |
| 0085400106000 | 85L      | empty                                                                                                                           | 1                                                                                               | 7900                                                                                              |

## 206-...

### HEXAGON TUBULAR BOX SPANNER, SOLID

- for use with open end spanner, stepped tommy bar ELORA-No. 212-2 or ELORA-No. 212-3
- solid forged version
- chrome plated, heads polished
- tommy bars are not included
- Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 896, form A / ISO 2236/1085



02

| Code          | Number     | l/mm | h1<br>mm | h2<br>mm | sw<br>mm | d<br>mm | Pieces | Weight/g |
|---------------|------------|------|----------|----------|----------|---------|--------|----------|
| 0206006071000 | 206-6x7    | 103  | 10,0     | 11,0     | 7,0      | 3,25    | 12     | 30       |
| 0206008091000 | 206-8x9    | 108  | 12,5     | 13,5     | 9,0      | 3,5     | 12     | 60       |
| 0206010111000 | 206-10x11  | 120  | 15,0     | 16,0     | 11,0     | 4,5     | 12     | 80       |
| 0206012131000 | 206-12x13  | 138  | 17,3     | 18,8     | 13,0     | 5,5     | 6      | 125      |
| 0206013171000 | 206-13x17  | 153  | 19,8     | 23,9     | 16,0     | 7,2     | 6      | 140      |
| 0206014151000 | 206-14x15  | 145  | 19,8     | 21,1     | 14,0     | 7,2     | 6      | 143      |
| 0206016171000 | 206-16x17  | 153  | 22,4     | 23,9     | 16,0     | 7,2     | 6      | 150      |
| 0206016181000 | 206-16x18* | 158  | 23,9     | 25,2     | 18,0     | 8,3     | 6      | 150      |
| 0206018191000 | 206-18x19  | 163  | 25,2     | 26,2     | 18,0     | 8,3     | 6      | 235      |
| 0206018211000 | 206-18x21  | 168  | 26,2     | 28,8     | 20,0     | 8,3     | 6      | 235      |
| 0206020221000 | 206-20x22  | 173  | 27,6     | 30,1     | 20,0     | 8,3     | 3      | 290      |
| 0206021231000 | 206-21x23  | 183  | 28,8     | 30,8     | 21,0     | 10,0    | 3      | 340      |
| 0206024261000 | 206-24x26  | 193  | 32,6     | 34,6     | 24,0     | 11,5    | 3      | 410      |
| 0206024271000 | 206-24x27  | 193  | 32,6     | 36,6     | 24,0     | 11,5    | 3      | 445      |

## 206S...M

### HEXAGON TUBULAR BOX SPANNER SET, SOLID

- carton box packed
- for use with open end spanner, stepped tommy bar ELORA-No. 212-2 or ELORA-No. 212-3
- solid forged version
- chrome plated, heads polished
- tommy bars are not included
- Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 896, form A / ISO 2236/1085



| Code          | Number   | Contents                                                                 | Pieces | Weight/g |
|---------------|----------|--------------------------------------------------------------------------|--------|----------|
| 0206500801000 | 206S 8M  | 206- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm               | 1      | 1120     |
| 0206501001000 | 206S 10M | 206- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm | 1      | 2900     |

## 210-..., 210A-...

## HEXAGON TUBULAR BOX SPANNER

- for use with tommy bar ELORA-No. 211 or stepped tommy bar ELORA-No. 212-1
- hollow shaft made of seamless hardened steel tube, hardened
- matt chrome plated
- tommy bars are not included
- ELORA-Tempering steel C 45 / 1.0503
- according to DIN 896, Form B, ISO 2236, ISO 1085

 mm

| Code          | Number    | l/mm | Hole-Ø<br>mm | Pieces | Weight/g |
|---------------|-----------|------|--------------|--------|----------|
| 0210004051000 | 210-4x5   | 100  | 5,0          | 12     | 16       |
| 0210006071000 | 210-6x7   | 100  | 5,5          | 12     | 27       |
| 0210007081000 | 210-7x8   | 105  | 6,5          | 12     | 36       |
| 0210008091000 | 210-8x9   | 105  | 6,5          | 12     | 36       |
| 0210008101000 | 210-8x10  | 120  | 6,5          | 12     | 46       |
| 0210009101000 | 210-9x10  | 120  | 6,5          | 12     | 46       |
| 0210009111000 | 210-9x11  | 120  | 6,5          | 12     | 46       |
| 0210010111000 | 210-10x11 | 120  | 6,5          | 12     | 50       |
| 0210010121000 | 210-10x12 | 140  | 8,5          | 6      | 68       |
| 0210010131000 | 210-10x13 | 140  | 8,5          | 6      | 70       |
| 0210010141000 | 210-10x14 | 140  | 8,5          | 6      | 70       |
| 0210011131000 | 210-11x13 | 140  | 8,5          | 6      | 70       |
| 0210011141000 | 210-11x14 | 140  | 8,5          | 6      | 70       |
| 0210012131000 | 210-12x13 | 140  | 8,5          | 6      | 72       |
| 0210012141000 | 210-12x14 | 140  | 8,5          | 6      | 76       |
| 0210013141000 | 210-13x14 | 140  | 8,5          | 6      | 76       |
| 0210013151000 | 210-13x15 | 140  | 8,5          | 6      | 82       |
| 0210013161000 | 210-13x16 | 150  | 10,5         | 6      | 120      |
| 0210013171000 | 210-13x17 | 150  | 10,5         | 6      | 122      |
| 0210014151000 | 210-14x15 | 140  | 8,5          | 6      | 82       |
| 0210014171000 | 210-14x17 | 150  | 10,5         | 6      | 122      |
| 0210016171000 | 210-16x17 | 150  | 10,5         | 6      | 126      |
| 0210016181000 | 210-16x18 | 160  | 10,5         | 6      | 205      |
| 0210017191000 | 210-17x19 | 160  | 12,5         | 6      | 205      |
| 0210017221000 | 210-17x22 | 170  | 12,5         | 6      | 200      |
| 0210018191000 | 210-18x19 | 160  | 12,5         | 6      | 205      |
| 0210018211000 | 210-18x21 | 160  | 12,5         | 6      | 210      |
| 0210019221000 | 210-19x22 | 170  | 12,5         | 6      | 235      |
| 0210019241000 | 210-19x24 | 190  | 14,5         | 3      | 275      |
| 0210020221000 | 210-20x22 | 170  | 12,5         | 6      | 235      |
| 0210021231000 | 210-21x23 | 170  | 12,5         | 3      | 250      |
| 0210021241000 | 210-21x24 | 190  | 14,5         | 3      | 280      |
| 0210022241000 | 210-22x24 | 190  | 14,5         | 3      | 280      |
| 0210022271000 | 210-22x27 | 190  | 14,5         | 3      | 305      |
| 0210024261000 | 210-24x26 | 190  | 14,5         | 3      | 300      |
| 0210024271000 | 210-24x27 | 190  | 14,5         | 3      | 300      |
| 0210024301000 | 210-24x30 | 200  | 16,5         | 3      | 380      |
| 0210025281000 | 210-25x28 | 200  | 14,5         | 3      | 340      |
| 0210027291000 | 210-27x29 | 200  | 16,5         | 3      | 390      |
| 0210027301000 | 210-27x30 | 200  | 16,5         | 3      | 380      |
| 0210027321000 | 210-27x32 | 200  | 16,5         | 3      | 400      |
| 0210028321000 | 210-28x32 | 200  | 16,5         | 3      | 375      |
| 0210030321000 | 210-30x32 | 200  | 16,5         | 3      | 395      |
| 0210030361000 | 210-30x36 | 220  | 18,5         | 1      | 515      |
| 0210032361000 | 210-32x36 | 220  | 18,5         | 1      | 525      |
| 0210036411000 | 210-36x41 | 220  | 18,5         | 1      | 680      |
| 0210038421000 | 210-38x42 | 230  | 18,5         | 1      | 760      |
| 0210041461000 | 210-41x46 | 240  | 21,0         | 1      | 810      |
| 0210046501000 | 210-46x50 | 240  | 21,0         | 1      | 870      |
| 0210050551000 | 210-50x55 | 240  | 21,0         | 1      | 1040     |
| 0210055601000 | 210-55x60 | 240  | 21,0         | 1      | 1120     |

[illegible]

## 210S...M, 210S...AF

### HEXAGON TUBULAR BOX SPANNER-SET

- carton box packed
- for use with tommy bar ELORA-No. 211 or stepped tommy bar ELORA-No. 212-1
- hollow shaft made of seamless steel tube
- hardened
- matt chrome plated
- tommy bars are not included
- ELORA-Tempering steel C 45 / 1.0503
- according to DIN 896, Form B, ISO 2236, ISO 1085



| Code          | Number   | Contents                                                                                             | Pieces | Weight/g | Code          | Number   | Contents                                                                                     | Pieces | Weight/g |
|---------------|----------|------------------------------------------------------------------------------------------------------|--------|----------|---------------|----------|----------------------------------------------------------------------------------------------|--------|----------|
| 0210500601000 | 210S 6M  | 210- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17 mm                                                         | 1      | 430      | 0210600601000 | 210S 6AF | 210A- 5/16x3/8, 7/16x1/2, 9/16x5/8, 11/16x3/4, 13/16x7/8, 15/16x1 AF                         | 1      | 1030     |
| 0210500801000 | 210S 8M  | 210- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm                                           | 1      | 870      | 0210600801000 | 210S 8AF | 210A- 1/4x9/32, 5/16x3/8, 7/16x1/2, 9/16x5/8, 11/16x3/4, 13/16x7/8, 15/16x1, 1.1/16x1.1/4 AF | 1      | 1470     |
| 0210501001000 | 210S 10M | 210- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm                             | 1      | 1470     |               |          |                                                                                              |        |          |
| 0210501201000 | 210S 12M | 210- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm               | 1      | 2100     |               |          |                                                                                              |        |          |
| 0210501401000 | 210S 14M | 210- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32, 36x41, 46x50 mm | 1      | 3750     |               |          |                                                                                              |        |          |

## 211-...

### TOMMY BAR

- for hexagon tubular box spanners No. 210 and 217
- hardened, chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 900, Form A



| Code          | Number | for sizes mm | for sizes AF   | l/mm | Diameter Ø mm | Pieces | Weight/g |
|---------------|--------|--------------|----------------|------|---------------|--------|----------|
| 0211000051000 | 211-5  | 4 - 5        | 1/4 - 9/32     | 125  | 5             | 12     | 20       |
| 0211000061000 | 211-6  | 6 - 11       | 5/16 - 7/16    | 160  | 6             | 6      | 35       |
| 0211000081000 | 211-8  | 12 - 15      | 15/32 - 19/32  | 180  | 8             | 6      | 71       |
| 0211000101000 | 211-10 | 16 - 17      | 5/8 - 11/16    | 200  | 10            | 6      | 123      |
| 0211000121000 | 211-12 | 18 - 22      | 3/4 - 7/8      | 250  | 12            | 3      | 222      |
| 0211000141000 | 211-14 | 23 - 27      | 15/16 - 1      | 320  | 14            | 3      | 386      |
| 0211000161000 | 211-16 | 24 - 32      | 1.1/16 - 1.1/4 | 400  | 16            | 3      | 631      |
| 0211000181000 | 211-18 | 30 - 41      |                | 500  | 18            | 3      | 1000     |
| 0211000201000 | 211-20 | 41 - 60      |                | 630  | 20            | 3      | 1553     |

## 212-...

### STEPPED TOMMY BAR

- for hex. tubular box spanners ELORA-No. 206, 210 and 217
- hardened, chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 900, Form C



| Code          | Number | for sizes mm | for sizes AF | Diameter Ø mm                 | l/mm | Pieces | Weight/g |
|---------------|--------|--------------|--------------|-------------------------------|------|--------|----------|
| 0212000000000 | 212-1  | 6 - 27       | 5/16 - 1     | 6 - 8 - 10 - 12 - 14          | 250  | 6      | 230      |
| 0212000020000 | 212-2  | 6 - 19       | 5/16 - 3/4   | 3,2 - 4,3 - 5,3 - 6,9 - 7,9   | 250  | 6      | 230      |
| 0212000030000 | 212-3  | 20 - 27      | 5/32 - 1.1/4 | 6,9 - 7,9 - 9,8 - 11,8 - 12,8 | 250  | 6      | 230      |

## 214-...

### HEXAGON NUT DRIVER WITH T-HANDLE

- short and long type
- plastic T-handle with suspension hole
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



| Code          | Number      | d<br>mm | l1<br>mm | l/mm | Pieces | Weight/g |
|---------------|-------------|---------|----------|------|--------|----------|
| 0214005121000 | 214-5,5-125 | 9       | 125      | 160  | 6      | 68       |
| 0214005231000 | 214-5,5-230 | 8       | 230      | 265  | 6      | 68       |
| 0214006121000 | 214-6-125   | 9       | 125      | 160  | 6      | 70       |
| 0214006231000 | 214-6-230   | 9       | 230      | 265  | 6      | 104      |
| 0214007121000 | 214-7-125   | 11      | 125      | 160  | 6      | 104      |
| 0214007231000 | 214-7-230   | 11      | 230      | 265  | 6      | 125      |
| 0214008121000 | 214-8-125   | 12      | 125      | 160  | 6      | 104      |
| 0214008231000 | 214-8-230   | 12      | 230      | 265  | 6      | 125      |
| 0214008351000 | 214-8-350   | 12      | 350      | 385  | 6      | 170      |
| 0214009121000 | 214-9-125   | 13      | 125      | 160  | 6      | 110      |
| 0214009231000 | 214-9-230   | 13      | 230      | 265  | 6      | 140      |
| 0214009351000 | 214-9-350   | 13      | 350      | 385  | 6      | 155      |
| 0214010121000 | 214-10-125  | 14      | 125      | 160  | 6      | 104      |
| 0214010231000 | 214-10-230  | 14      | 230      | 265  | 6      | 140      |

| Code          | Number     | d<br>mm | l1<br>mm | l/mm | Pieces | Weight/g |
|---------------|------------|---------|----------|------|--------|----------|
| 0214010351000 | 214-10-350 | 14      | 350      | 385  | 6      | 215      |
| 0214011121000 | 214-11-125 | 16      | 125      | 160  | 6      | 120      |
| 0214011231000 | 214-11-230 | 16      | 230      | 265  | 6      | 170      |
| 0214011351000 | 214-11-350 | 16      | 350      | 385  | 6      | 215      |
| 0214012121000 | 214-12-125 | 17      | 125      | 160  | 6      | 130      |
| 0214012231000 | 214-12-230 | 17      | 230      | 265  | 6      | 170      |
| 0214012351000 | 214-12-350 | 17      | 350      | 385  | 6      | 215      |
| 0214013121000 | 214-13-125 | 18      | 125      | 160  | 6      | 130      |
| 0214013231000 | 214-13-230 | 18      | 230      | 265  | 6      | 180      |
| 0214013351000 | 214-13-350 | 18      | 350      | 385  | 6      | 220      |
| 0214014121000 | 214-14-125 | 19      | 125      | 160  | 6      | 140      |
| 0214014231000 | 214-14-230 | 19      | 230      | 265  | 6      | 180      |
| 0214014351000 | 214-14-350 | 20      | 350      | 385  | 6      | 220      |

## 236-LM-...

### JOINT SOCKET WRENCH WITH T-HANDLE

- for work in awkward areas
- long version
- fixed mounted socket with cardan
- 3/8" square drive on the T-handle side
- chrome plated
- Chrome-Vanadium 31CrV3 / 1.2208



| Code          | Number   | l/mm | Pieces | Weight/g |
|---------------|----------|------|--------|----------|
| 0236000082000 | 236-LM8  | 390  | 4      | 400      |
| 0236000092000 | 236-LM9  | 390  | 4      | 400      |
| 0236000102000 | 236-LM10 | 500  | 4      | 500      |
| 0236000112000 | 236-LM11 | 500  | 4      | 500      |
| 0236000122000 | 236-LM12 | 500  | 4      | 500      |
| 0236000132000 | 236-LM13 | 500  | 4      | 500      |

| Code          | Number   | l/mm | Pieces | Weight/g |
|---------------|----------|------|--------|----------|
| 0236000142000 | 236-LM14 | 500  | 4      | 500      |
| 0236000152000 | 236-LM15 | 500  | 4      | 500      |
| 0236000162000 | 236-LM16 | 500  | 4      | 500      |
| 0236000172000 | 236-LM17 | 500  | 4      | 500      |
| 0236000182000 | 236-LM18 | 500  | 4      | 500      |
| 0236000192000 | 236-LM19 | 500  | 4      | 500      |

## 236-LMG-...

### JOINT SOCKET WRENCH WITH MAGNET AND T-HANDLE

- for work in awkward areas
- long version
- fix mounted socket with magnet and cardan
- chrome plated
- Chrome-Vanadium 31CrV3 / 1.2208



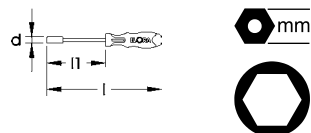
| Code          | Number    | l/mm | Pieces | Weight/g |
|---------------|-----------|------|--------|----------|
| 0236000141000 | 236-LMG14 | 485  | 4      | 525      |
| 0236000161000 | 236-LMG16 | 485  | 4      | 525      |

| Code          | Number    | l/mm | Pieces | Weight/g |
|---------------|-----------|------|--------|----------|
| 0236000181000 | 236-LMG18 | 485  | 4      | 525      |

## 213-...

### HEXAGON NUT DRIVER, FLEXIBLE

- nonslip QUATROLIT®-2K-handle
- with suspension hole
- limited torque!
- chrome plated

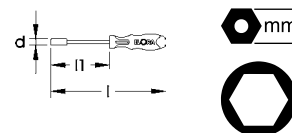


| Code          | Number | d<br>mm | l1<br>mm | l/mm | Pieces | Weight/g |
|---------------|--------|---------|----------|------|--------|----------|
| 0213020050000 | 213-5  | 8,0     | 150      | 250  | 6      | 150      |
| 0213020060000 | 213-6  | 9,8     | 150      | 250  | 6      | 150      |
| 0213020070000 | 213-7  | 10,0    | 150      | 250  | 6      | 150      |
| 0213020080000 | 213-8  | 12,0    | 150      | 250  | 6      | 150      |
| 0213020100000 | 213-10 | 10,0    | 150      | 275  | 6      | 270      |

## 215-...

### HEXAGON NUT DRIVER, SHORT

- short version
- nonslip QUATROLIT®-2K-handle
- with suspension hole
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

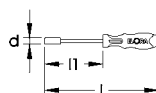


| Code          | Number  | d<br>mm | l1<br>mm | l/mm | Pieces | Weight/g |
|---------------|---------|---------|----------|------|--------|----------|
| 0215000037000 | 215-3   | 6,0     | 55       | 140  | 6      | 55       |
| 0215000047000 | 215-4   | 7,0     | 55       | 140  | 6      | 55       |
| 0215000457000 | 215-4,5 | 7,0     | 55       | 140  | 6      | 55       |
| 0215000057000 | 215-5   | 8,0     | 55       | 140  | 6      | 55       |
| 0215000557000 | 215-5,5 | 8,1     | 55       | 140  | 6      | 58       |
| 0215000067000 | 215-6   | 9,0     | 55       | 140  | 6      | 58       |
| 0215000087000 | 215-8   | 12,0    | 55       | 150  | 6      | 84       |
| 0215000097000 | 215-9   | 13,0    | 55       | 150  | 6      | 86       |
| 0215000107000 | 215-10  | 13,0    | 55       | 150  | 6      | 88       |
| 0215000117000 | 215-11  | 16,0    | 55       | 160  | 6      | 116      |
| 0215000127000 | 215-12  | 17,0    | 55       | 160  | 6      | 118      |
| 0215000137000 | 215-13  | 18,0    | 55       | 160  | 6      | 130      |
| 0215000147000 | 215-14  | 20,0    | 55       | 160  | 6      | 130      |

## 216-..., 216A-...

### HEXAGON NUT DRIVER, LONG

- long version
- nonslip QUATROLIT®-2K-handle
- with suspension hole
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3125, ISO 2725-1



| Code          | Number  | d<br>mm | l1<br>mm | l/mm | Pieces | Weight/g |
|---------------|---------|---------|----------|------|--------|----------|
| 0216000032000 | 216-3   | 6,0     | 125      | 210  | 6      | 65       |
| 0216000042000 | 216-4   | 7,0     | 125      | 210  | 6      | 65       |
| 0216000452000 | 216-4,5 | 7,0     | 125      | 210  | 6      | 65       |
| 0216000052000 | 216-5   | 8,0     | 125      | 210  | 6      | 65       |
| 0216000552000 | 216-5,5 | 8,1     | 125      | 210  | 6      | 65       |
| 0216000062000 | 216-6   | 9,0     | 125      | 210  | 6      | 75       |
| 0216000072000 | 216-7   | 11,0    | 125      | 220  | 6      | 98       |
| 0216000082000 | 216-8   | 12,0    | 125      | 220  | 6      | 114      |
| 0216000092000 | 216-9   | 13,0    | 125      | 220  | 6      | 130      |
| 0216000102000 | 216-10  | 14,0    | 125      | 220  | 6      | 130      |
| 0216000112000 | 216-11  | 16,0    | 125      | 230  | 6      | 160      |
| 0216000122000 | 216-12  | 17,0    | 125      | 230  | 6      | 180      |
| 0216000132000 | 216-13  | 18,0    | 125      | 230  | 6      | 190      |
| 0216000142000 | 216-14  | 19,0    | 125      | 230  | 6      | 190      |

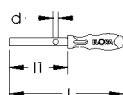


| Code          | Number     | d<br>mm | l1<br>mm | l/mm | Pieces | Weight/g |
|---------------|------------|---------|----------|------|--------|----------|
| 0216100062000 | 216A-1/8   | 5,0     | 125      | 210  | 6      | 65       |
| 0216100082000 | 216A-5/32  | 7,0     | 125      | 210  | 6      | 65       |
| 0216100092000 | 216A-3/16  | 8,0     | 125      | 220  | 6      | 65       |
| 0216100112000 | 216A-7/32  | 9,0     | 125      | 210  | 6      | 98       |
| 0216100132000 | 216A-1/4   | 10,0    | 125      | 210  | 6      | 98       |
| 0216100152000 | 216A-9/32  | 11,0    | 125      | 220  | 6      | 114      |
| 0216100172000 | 216A-5/16  | 12,0    | 125      | 220  | 6      | 114      |
| 0216100182000 | 216A-11/32 | 13,0    | 125      | 220  | 6      | 130      |
| 0216100192000 | 216A-3/8   | 14,0    | 125      | 220  | 6      | 130      |
| 0216100212000 | 216A-7/16  | 16,0    | 125      | 230  | 6      | 160      |
| 0216100232000 | 216A-1/2   | 18,0    | 125      | 230  | 6      | 190      |
| 0216100242000 | 216A-9/16  | 20,0    | 125      | 230  | 6      | 190      |

## 217-...

### TUBULAR BOX SPANNER WITH HANDLE

- long version
- with drilled hole for tommy bars
- for use with tommy bars ELORA-No. 211
- from size 8 mm also with stepped tommy ELORA-No. 212-1
- with QUATROLIT®-handle
- with suspension hole
- seamless steel tube, hardened
- matt chrome plated
- Chrome-Vanadium 31 CrV 3 / 1.2208



| Code           | Number  | d<br>mm      | l1<br>mm | l/mm | Pieces<br> | Weight/g<br> |
|----------------|---------|--------------|----------|------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 0217000031000  | 217-3   | without hole | 125      | 220  | 6                                                                                             | 56                                                                                              |
| 0217000041000  | 217-4   | without hole | 125      | 220  | 6                                                                                             | 62                                                                                              |
| 02170000451000 | 217-4,5 | without hole | 125      | 220  | 6                                                                                             | 56                                                                                              |
| 0217000051000  | 217-5   | without hole | 125      | 220  | 6                                                                                             | 60                                                                                              |
| 02170000551000 | 217-5,5 | without hole | 125      | 210  | 6                                                                                             | 92                                                                                              |
| 0217000061000  | 217-6   | 3,2          | 125      | 220  | 6                                                                                             | 104                                                                                             |
| 0217000071000  | 217-7   | 3,2          | 125      | 220  | 6                                                                                             | 104                                                                                             |
| 0217000081000  | 217-8   | 6,2          | 125      | 220  | 6                                                                                             | 104                                                                                             |
| 0217000091000  | 217-9   | 6,2          | 125      | 220  | 6                                                                                             | 112                                                                                             |
| 0217000101000  | 217-10  | 6,2          | 125      | 230  | 6                                                                                             | 112                                                                                             |
| 0217000111000  | 217-11  | 6,2          | 125      | 230  | 6                                                                                             | 116                                                                                             |
| 0217000121000  | 217-12  | 8,2          | 125      | 230  | 6                                                                                             | 155                                                                                             |
| 0217000131000  | 217-13  | 8,2          | 125      | 230  | 6                                                                                             | 155                                                                                             |
| 0217000141000  | 217-14  | 8,2          | 125      | 230  | 6                                                                                             | 160                                                                                             |
| 0217000151000  | 217-15  | 8,2          | 125      | 240  | 6                                                                                             | 165                                                                                             |
| 0217000161000  | 217-16  | 8,2          | 125      | 240  | 6                                                                                             | 210                                                                                             |
| 0217000171000  | 217-17  | 8,2          | 125      | 240  | 6                                                                                             | 210                                                                                             |

## 70-2

### MULTI FITTING KEY 9 IN 1

- for all usual technical shut-off systems
- 1 tool for 9 applications
- 8 different master cabinet shut-off systems and 5 mm square for radiator valves
- flat construction due to space saving swivel mechanism
- square locking: 5, 6, 7-8, 9-10 mm
- three-edged locking: 7, 8-9, 10-11 mm
- two-way-key 3-5 mm and half-moon locking 6 mm
- securing chain with snap-hook
- dimensions: 95 x 95 mm
- zinc die-casting



| Code          | Number | Pieces<br> | Weight/g<br> |
|---------------|--------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 0070000021000 | 70-2   | 1                                                                                           | 204                                                                                             |

## 70-1

### MULTI FITTING KEY

- female square 5, 6, 7-8 mm
- female three-square 8-9 mm
- multi fitting key: 3-5 mm
- 5 mm square for radiator valves
- body with 1/4" bit holder with magnet
- dimensions: 97 x 25 mm
- zinc die-casting



| Code          | Number | Pieces<br> | Weight/g<br> |
|---------------|--------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 0070000011000 | 70-1   | 1                                                                                             | 70                                                                                                |

## 70-3

### MULTI FITTING KEY ELECTRICAL

- for closings of: pneumatic and hydraulic systems
- magnetic valves in automobile- and machinery sector
- magnetic valves of oil heating
- contactless detection of permanent magnets
- contactless voltage field sensor
- implemented magnetic field sensor
- dimensions: approx.: 158 x 28 mm
- female square 5, 6, 7-8 mm
- female three-square 9 mm
- 5 mm square for radiator valves
- two-way-key 3-5 mm
- magnetic bit adaptor 1/4", supplied with one bit PH 2
- screwdriver function with retaining clip
- zinc die-casting



| Code          | Number | Pieces<br> | Weight/g<br> |
|---------------|--------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 0070000031000 | 70-3   | 1                                                                                             | 135                                                                                               |

