

# HAZET – Wrenches

- ✓ Double Open-End Wrenches
- ✓ Double Box-End Wrenches
- ✓ Combination Wrenches
- ✓ Ratcheting Combination Wrenches
- ✓ Socket Wrenches and many more



- ✓ Very slim and extremely sturdy
- ✓ Optimally suited for the professional use

## Manufacturing Steps of a Wrench





## Hand Tools - Wrenches

**HAZET**  
Ingenious Tools

# HAZET tools have an elaborate surface

### Matt chrome-plated:

- ✓ The safer chrome plating, as it adheres optimally to the steel
- ✓ Good grip and very comfortable in your hands
- ✓ Non-slipping even with oily hands
- ✓ Non-glaring when working
- ✓ Looks unobtrusive and noble
- ✓ Provides security to the user

## Adjustable Wrench



- Head set at 15°
- With scale
- Surface: phosphated, mirror highly polished
- ISO 6787

HAZET No.	sb mm	l mm	EAN-No. 4000896+
279- 4	13	109	018086
279- 6	18	158	018093
279- 8	23	205	018109
279-10	28	255	018048
279-12	34	308	018055
279-15	43	382	018062
279-18	53	458	018079



- Head set at 22.5°
- With scale
- Surface: chrome-plated, mirror bright chrome-plated
- ISO 6787

HAZET No.	sb mm	l mm	EAN-No. 4000896+
279 V- 4	13	109	018161
279 V- 6	18	158	018178
279 V- 8	23	205	018185
279 V-10	28	255	018147
279 V-12	34	308	018154

## Flexible Head Wrench



- For working in areas with restricted access and troublesome borders
- Flexible 12-point socket on both sides

## Flexible Head Wrench

- Surface: chrome-plated, heads polished
- Made in Germany

HAZET No.	l mm	d <sub>1</sub> mm	d <sub>2</sub> mm	EAN-No. 4000896+
645- 8 x 9	179.4	12	13.5	028290
645-10 x 11	198.5	14.5	16	028030
645-12 x 13	214.4	17.5	19	028061
645-14 x 15	232	20	21.5	028092
645-16 x 17	243.2	23	24	028122

## Double Open-End Wrench



- For areas with restricted access
- Heads set at 15° und 75° (same sizes)
- Short, thin style
- Surface: chrome-plated

• Made in Germany

HAZET No.	b mm	a mm	l mm	EAN-No. 4000896+
440- 3.2	10.5	2	70	020119
440- 3.5	10.5	2	70	020126
440- 4	10.5	2	70	020133
440- 4.5	10.5	2	70	020140
440- 5	12.6	2	78	020157
440- 5.5	12.6	2	78	020164
440- 6	12.6	2	78	020171
440- 7	14.7	2	91	020188
440- 8	16.8	3	96	020195
440-10	21	3	105	020065
440-11	24.2	3	116	020072
440-12	24.2	3	116	020089
440-13	28.3	3	131	020096
440-14	28.3	3	131	020102

## Double Open-End Wrench Set



## Double Open-End Wrench Set

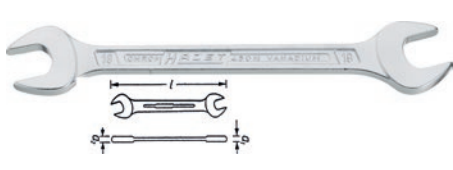
- 14 pieces
- In plastic roll
- Made in Germany

Contents:

440-3,2	3,5	4	4,5	5	5,5	6
7	8	10	11	12	13	14

HAZET No.	EAN-No. 4000896+
440/14 P	178759

## Double Open-End Wrench



- For powerful use
- Slim heads
- Shank with sturdy double-T-profile
- Surface: chrome-plated
- DIN 3110, ISO 10102

• Made in Germany

\* = not according to DIN

HAZET No.	a mm	l mm	EAN-No. 4000896+
450 N- 4 x 5 *	3.2	99.5	020683
450 N- 5 x 5.5 *	3.6	99.6	020706
450 N- 6 x 7	3.5	121.3	020713
450 N- 8 x 9	3.8	139	020744
450 N- 8 x 10	4.1	140.1	020737
450 N-10 x 11	4.6	155.7	020355
450 N-10 x 13	5.1	172	020362
450 N-12 x 13	5.1	172.7	020386
450 N-13 x 17	6	205.5	020423
450 N-14 x 15	5.7	187.8	020430
450 N-16 x 17	6	205.7	020454
450 N-16 x 18	6	205.7	020461
450 N-17 x 19	6.7	220.9	020478
450 N-18 x 19	6.7	221.2	020485
450 N-20 x 22 *	7	238.9	020515
450 N-21 x 22	7	238	020522
450 N-21 x 23 *	7.1	246	020539
450 N-22 x 24	7.1	254.6	020553
450 N-24 x 26 *	7.8	269.4	020560
450 N-24 x 27	7.8	269	020577
450 N-25 x 28 *	8.4	284.2	020584
450 N-27 x 32	9.1	303.8	020607
450 N-30 x 32	9	303.4	020614
450 N-32 x 36	10.1	343.2	020638
450 N-34 x 36	10.1	343.2	020645
450 N-36 x 41	10.5	396.7	020652
450 N-41 x 46	11.4	439.5	020669
450 N-46 x 50	12.3	498	020676

**Double Open-End Wrench Set**



**Made in Germany**

HAZET No. EAN-No. 4000896+

**8 pieces**, in plastic drawer insert (1/3)

Contents:  
450 N-6 x 7 8 x 9 10 x 11 12 x 13  
14 x 15 16 x 17 18 x 19 21 x 22  
**450 N/8** 020850

**9 pieces**  
Contents:  
450 N-6 x 7 8 x 9 10 x 11 12 x 13 14 x 15  
17 x 19 21 x 22 24 x 27 30 x 32  
**450 N/9** 020874

**10 pieces**  
Contents:  
450 N-6 x 7 8 x 9 10 x 11 12 x 13 14 x 15  
16 x 17 18 x 19 21 x 22 24 x 26 27 x 32  
**450 N/10** 020751

**12 pieces**  
Contents:  
450 N-6 x 7 8 x 9 10 x 11 12 x 13  
14 x 15 16 x 17 18 x 19 20 x 22  
21 x 23 24 x 26 25 x 28 27 x 32  
**450 N/12** 020775



**AutoClassic**  
EMPFEHLUNG

- In sturdy plastic clips
  - Suitable for wall fixation
- Made in Germany**

HAZET No. EAN-No. 4000896+

**8 pieces**  
Contents:  
450 N-6 x 7 8 x 9 10 x 11 12 x 13  
14 x 15 16 x 17 18 x 19 21 x 22  
**450 N/8 RS** 020867

**12 pieces, with practical carrying handle**  
Contents:  
450 N-6 x 7 8 x 9 10 x 11 12 x 13  
14 x 15 16 x 17 18 x 19 20 x 22  
21 x 23 24 x 27 25 x 28 30 x 32  
**450 N/12 N RS** 020805

**Double Open-End Wrench Set**



Clip, empty for 450 N/8 RS and 610 N/8 RS  
**450 N/8 RS L** 020294

Clip, empty for 450 N/12 RS,  
450 N/12 N RS, 610 N/12 RS  
**450 N/12 RS L** 020270

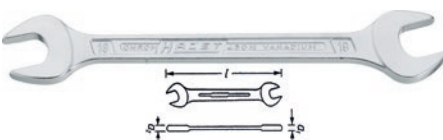


**Made in Germany**

HAZET No. EAN-No. 4000896+

8 pieces in soft foam insert Safety-Insert-System (for SmartCase L 1/3)  
Contents:  
450 N-6 x 7 8 x 9 10 x 11  
12 x 13 14 x 15 16 x 17  
18 x 19 21 x 22  
**163-95/8** 145669

**Double Open-End Wrench**



- American sizes
  - Surface: chrome-plated
- Made in Germany**

HAZET No.	a mm	l mm	EAN-No. 4000896+
450 N A-1/4 x 5/16 VKH	3	129.9	020911
450 N A-5/16 x 3/8 VKH	4.1	140.1	020973
450 N A-3/8 x 7/16 VKH	4.6	155.7	020966
450 N A-1/2 x 9/16 VKH	5.1	172.4	020904
450 N A-9/16 x 5/8 VKH	5.7	189.8	021000
450 N A-19/32 x 1 1/16 VKH	6	205.7	020935
450 N A-5/8 x 3/4 VKH	6.7	220.9	020980
450 N A-25/32 x 7/8 VKH	7	238.9	020959
450 N A-7/8 x 1 1/16 VKH	7.1	254.6	020997
450 N A-15/16 x 1 VKH	7.8	269.4	020928
450 N A-1 x 1 1/8 VKH	8.4	284.2	020942
450 N A-1 1/16 x 1 1/4 VKH	9	303.8	020881

**Open-End Wrench – Striking Face Pattern**



- For excessive impact stress
- DIN 133

HAZET No.	b mm	a mm	l mm	EAN-No. 4000896+
452- 27	55	16	180	021420
452- 30	65	17	190	021437
452- 32	65	17	190	021444
452- 36	75	19	210	021451
452- 41	85	19	230	021468
452- 46	95	21	255	021475
452- 50	105	21	275	021482
452- 55	120	24	310	021499
452- 60	120	24	310	021505
452- 65	135	28	340	021512
452- 70	155	31	375	021529
452- 75	155	31	375	021536
452- 80	170	34	405	021543
452- 85	170	34	405	021550
452- 90	190	38	445	021567
452- 95	190	38	445	021574
452-100	215	44	485	021376

**Combination Wrench**



- With Traction profile
- Slim heads
- Shank with sturdy double-T-profile
- Box-end head angled at 15°
- Surface: chrome-plated, heads polished
- DIN 3113 form A, ISO 3318, ISO 7738

**Made in Germany**

\* = not according to DIN

HAZET No.	a <sub>1</sub> mm	a <sub>2</sub> mm	l mm	EAN-No. 4000896+
600 N- 5.5 *	6	4	105	023288
600 N- 6	6	4	105	023295
600 N- 7	6.6	4	118.5	023301
600 N- 8	7	4.5	130	023318
600 N- 9	8	4.5	143	023325
600 N-10	8	5	154.5	023028
600 N-11	8.4	5.5	168.5	023035
600 N-12	9	5.5	180.5	023042
600 N-13	10	6.3	193	023059
600 N-14	10	6.5	204.5	023073
600 N-15	11	7	218	023080
600 N-16	11.4	7	230.5	023097
600 N-17	12.4	7.5	242.5	023103
600 N-18	13	8	255	023110
600 N-19	13.5	8	268.5	023127
600 N-20 *	13.5	8.5	279.5	023134
600 N-21	13.7	8.5	292	023141
600 N-22	14	8.5	304.5	023158
600 N-23 *	14.3	9.5	328	023165
600 N-24	14.7	9.5	328	023172
600 N-25 *	15	10	354	023189
600 N-26 *	15.5	10	354	023196
600 N-27	16	10.5	380	023202
600 N-28 *	16.5	11	380	023219
600 N-29 *	17	11.5	380	023226
600 N-30	17.5	12.2	405.5	023233
600 N-32	18	12	420	023240
600 N-34	19	13	432	023257
600 N-36	20	13	460	023264
600 N-41	20.6	14	500	023271



## Hand Tools - Wrenches

### Combination Wrench

\* = not according to DIN



HAZET No.	a <sub>1</sub> mm	a <sub>2</sub> mm	l mm	EAN-No. 4000896+
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- Box-end head 10° offset
  - DIN 3113 form B, ISO 3318, ISO 7738
- |            |    |      |     |        |
|------------|----|------|-----|--------|
| 600 N-46   | 24 | 15   | 520 | 048564 |
| 600 N-50   | 26 | 16.5 | 560 | 048571 |
| 600 N-55   | 28 | 18   | 610 | 048588 |
| 600 N-60   | 31 | 20   | 660 | 048595 |
| 600 N-65 * | 33 | 22   | 710 | 048601 |
| 600 N-70 * | 35 | 24   | 760 | 048618 |
| 600 N-75 * | 38 | 26   | 810 | 048625 |
| 600 N-80 * | 41 | 28   | 860 | 048632 |

### Combination Wrench Set



Made in Germany

HAZET No.	EAN-No. 4000896+
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8 pieces, in plastic drawer insert (1/3)

- Contents:
- |          |        |    |    |    |    |    |    |
|----------|--------|----|----|----|----|----|----|
| 600 N-10 | 11     | 13 | 14 | 15 | 17 | 19 | 22 |
| 600 N/8  | 023387 |    |    |    |    |    |    |

- 12 pieces
- Contents:
- |            |        |    |    |    |    |    |    |    |    |    |    |
|------------|--------|----|----|----|----|----|----|----|----|----|----|
| 600 N-10   | 11     | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 21 | 22 |
| 600 N/12 N | 023332 |    |    |    |    |    |    |    |    |    |    |

- 17 pieces
- Contents:
- |            |        |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------------|--------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 600 N-7    | 8      | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 21 | 22 | 24 | 27 |
| 600 N/17 N | 023349 |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

- 21 pieces
- Contents:
- |          |        |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------|--------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 600 N-6  | 7      | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 21 | 22 | 24 | 27 | 30 | 32 | 34 |
| 600 N/21 | 023356 |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

- 30 pieces
- Contents:
- |           |        |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|-----------|--------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| 600 N-5,5 | 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 | 34 | 36 | 41 |  |
| 600 N/30  | 023363 |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |



### Combination Wrench Set



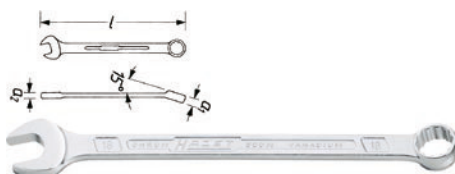
Made in Germany

HAZET No.	EAN-No. 4000896+
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17 pieces in soft foam insert Safety-Insert-System (2/3)

- Contents:
- |           |        |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------|--------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 600 N-6   | 7      | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 21 | 22 | 24 |
| 163-98/17 | 145690 |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |

### Combination Wrench



- American sizes
- Surface: chrome-plated

Made in Germany

HAZET No.	a <sub>1</sub> mm	a <sub>2</sub> mm	l mm	EAN-No. 4000896+
600 N A-1/4	6	4	105	023493
600 N A-5/16	7	4.5	130	023554
600 N A-3/8	8	5	154.5	023547
600 N A-7/16	8.4	5.5	168.5	023578
600 N A-1/2	10	6.3	193	023486
600 N A-9/16	10	6.5	204.5	023592
600 N A-5/8	11.4	7	230	023561
600 N A-11/16	12.4	7.5	242.5	023509
600 N A-3/4	13.5	8	268	023530
600 N A-13/16	13.7	8.5	292	023516
600 N A-7/8	14	8.5	304	023585
600 N A-15/16	14.7	9.5	328	023523
600 N A-1	15.5	10	354	023400
600 N A-1 1/8	17	11.5	380	023448
600 N A-1 1/4	18	12	420	023431
600 N A-1 3/8	19	13	432	023462
600 N A-1 1/2	20.5	13.7	486	023424

### Combination Wrench Set

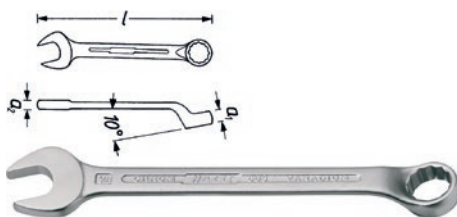
- American sizes
- Made in Germany

HAZET No.	EAN-No. 4000896+
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- 10 pieces
- Contents:
- |             |        |     |      |     |      |     |     |     |   |
|-------------|--------|-----|------|-----|------|-----|-----|-----|---|
| 600 N A-1/4 | 5/16   | 3/8 | 7/16 | 1/2 | 9/16 | 5/8 | 3/4 | 7/8 | 1 |
| 600 N A/10  | 023608 |     |      |     |      |     |     |     |   |

- 12 pieces
- Contents:
- |              |        |     |      |     |      |     |     |     |   |       |       |
|--------------|--------|-----|------|-----|------|-----|-----|-----|---|-------|-------|
| 600 N A-1/4  | 5/16   | 3/8 | 7/16 | 1/2 | 9/16 | 5/8 | 3/4 | 7/8 | 1 | 1 1/8 | 1 1/4 |
| 600 N A/12-1 | 023615 |     |      |     |      |     |     |     |   |       |       |

### Combination Wrench



- Box-end head 10° offset
- Short style
- 603-5.5 not according to DIN
- Surface: chrome-plated
- DIN 3113 form B, ISO 3318, ISO 7738

Made in Germany

+ = box end with hexagon opening

HAZET No.	a <sub>1</sub> mm	a <sub>2</sub> mm	l mm	EAN-No. 4000896+
603- 5.5 +	4.7	3.7	90	023929
603- 6 +	5.1	4	100	023950
603- 7 +	5.5	4.3	110	023981
603- 8 +	5.9	4.5	120	024018
603- 9 +	6.3	4.5	130	024025
603-10	6.7	5	137	023691
603-11	7.1	5.2	145	023714
603-12	7.6	5.4	152	023721
603-13	8	5.6	160	023738
603-14	8.5	5.8	170	023752
603-15	9	6	180	023769
603-16	9.5	6.2	190	023776
603-17	10	6.4	200	023783
603-18	10.5	6.7	210	023790
603-19	11	7	220	023806
603-21	12	7.6	240	023820
603-22	12.5	7.9	250	023837
603-24	13.5	8.5	270	023844
603-27	15	9.3	305	023868
603-30	16	10	340	050260
603-32	17	10.5	360	023882

### Combination Wrench Set

Made in Germany

HAZET No.	EAN-No. 4000896+
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- 8 pieces
- Contents:
- |        |        |    |    |    |    |    |    |
|--------|--------|----|----|----|----|----|----|
| 603-10 | 11     | 13 | 14 | 15 | 17 | 19 | 22 |
| 603/8  | 024070 |    |    |    |    |    |    |

- 17 pieces
- Contents:
- |          |        |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------|--------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 603-7    | 8      | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 21 | 22 | 24 | 27 |
| 603/17 N | 024063 |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Wrenches

**Combination Wrench Set**



(E)

Made in Germany

HAZET No.	EAN-No. 4000896+
603-6 7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 24	
<b>603/17 H</b>	<b>024049</b>



• Clip, empty, for 603/17 H  
**603/17 HL**

024056



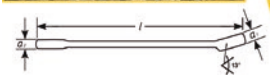
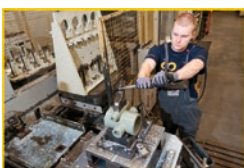
(E)

Made in Germany

HAZET No.	EAN-No. 4000896+
18 pieces in soft foam insert Safety-Insert-System	
Contents:	
603-6 7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 24 27	
<b>163-99/18</b>	<b>145706</b>

(2/3)

**Ratcheting Combination Wrench**



**Ratcheting Combination Wrench**

- For the operation of screw connections in areas with restricted access, ratchet function enables continuous working
- Box-end side with reversible ratchet
- Fine tooth, 72 teeth, **rotation angle 5°**
- Box-end side 13° offset
- Surface: chrome-plated

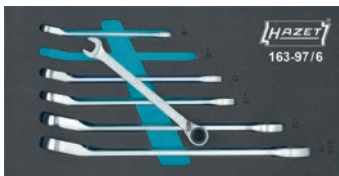
HAZET No.	a <sub>1</sub> mm	a <sub>2</sub> mm	l mm	EAN-No. 4000896+
606- 8	6.8	4.9	129.9	100941
606- 9	7.2	5.2	143	100958
606-10	7.6	5.6	154.5	100965
606-11	8	6	168.6	100972
606-12	8.5	6.4	180.3	100989
606-13	8.9	6.7	193.2	100996
606-14	9.3	7.1	204.6	101009
606-15	9.7	7.4	218	101016
606-16	10.2	7.7	230.2	101023
606-17	10.6	8.1	242.2	101030
606-18	11	8.5	255	101047
606-19	11.5	9.1	268.3	101054
606-21	13.3	12	291.5	151233
606-22	13.3	12	291.5	151028
606-24	14.8	12.5	333.1	151011
606-27	15.8	14.7	359.2	151004
606-30	17.3	15.2	402.5	150991
606-32	17.8	15.7	425.8	150984

**Ratcheting Combination Wrench Set**



(E)

HAZET No.	EAN-No. 4000896+
<b>12 pieces</b> , in plastic drawer insert	<b>(2/3)</b>
Contents:	
606-8 10 12 13 17 19	
<b>606/6</b>	<b>115907</b>
<b>6 pieces</b> , in plastic drawer insert	<b>(1/3)</b>
Contents:	
606-21 22 24 27 30 32	
<b>606/6-1</b>	<b>175178</b>
<b>6 pieces</b>	
Contents:	
606-8 9 10 11 12 13 14 15 16 17 18 19	
<b>606/12</b>	<b>118038</b>
<b>Plastic drawer insert</b> , empty for 606/12	
<b>606/6 PL</b>	<b>115914</b>
<b>Plastic drawer insert</b> , empty for 606/6	
<b>606/12 PL</b>	<b>118045</b>



(E)

HAZET No.	EAN-No. 4000896+
6 pieces in soft foam insert Safety-Insert-System (for SmartCase L 1/3)	
Contents:	
606-8 10 12 13 17 19	
<b>163-97/6</b>	<b>145683</b>

**Ratcheting Combination Wrench Set with Square Adapters**

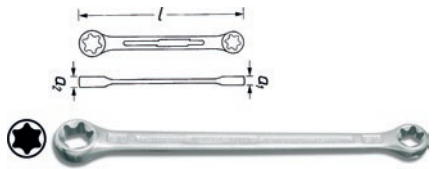


(E)

HAZET No.	EAN-No. 4000896+
16 pieces in soft foam insert Safety-Insert-System	
Contents:	
606-8 9 10 11 12 13 14 15 16 17 18 19	
606-63 850 880 900	
<b>163-186/16</b>	<b>162253</b>

(2/3)

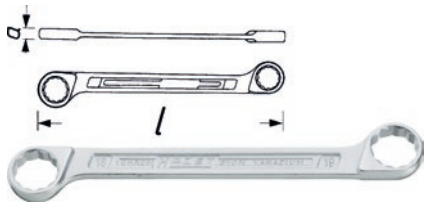
**TORX® Double Box-End Wrench**



- For outside TORX® screws
- Straight
- Surface: chrome-plated, heads polished

HAZET No.	a <sub>1</sub> mm	a <sub>2</sub> mm	l mm	S mm	EAN-No. 4000896+
<b>609-E 6 x E 8</b>	4.8	5.8	113	5.74 x 7.52	024711
<b>609-E 10 x E 12</b>	6.8	8	140	9.42 x 11.17	024650
<b>609-E 14 x E 18</b>	7.9	9.5	180	12.90 x 16.70	024674
<b>609-E 20 x E 24</b>	11	13	224	18.49 x 22.16	024698

**Double Box-End Wrench**



- With Traction profile
- New, modern design
- Ergonomically shaped, heads offset
- Shank with sturdy double-T-profile
- Surface: chrome-plated, heads polished
- DIN 837 form B, ISO 10103

Made in Germany

\* = not according to DIN

HAZET No.	a mm	l mm	EAN-No. 4000896+
<b>610 N- 6 x 7</b>	4.5	97.9	024940
<b>610 N- 8 x 9</b>	5.2	113.3	024957
<b>610 N-10 x 11</b>	6	125.3	024735
<b>610 N-12 x 13</b>	6.2	139	024742
<b>610 N-14 x 15</b>	7	154.5	024780
<b>610 N-16 x 17</b>	7.5	170	024797
<b>610 N-18 x 19</b>	8.5	188.6	024827



## Hand Tools - Wrenches

### Double Box-End Wrench

HAZET No.	a mm	l mm	EAN-No. 4000896+
610 N-20 x 22 *	9	208.8	024834
610 N-21 x 22 *	10	232.3	024841
610 N-21 x 23 *	10	232.3	024858
610 N-24 x 26 *	11	254	024872
610 N-25 x 28 *	11.5	280.1	024896
610 N-27 x 32	13	308.7	024902
610 N-30 x 32	13	324.1	024919
610 N-30 x 34	14	326.7	024926

### Double Box-End Wrench Set



Germany **Made in Germany**

HAZET No.	EAN-No. 4000896+
8 pieces	
Contents:	
610 N-6 x 7	8 x 9 10 x 11 12 x 13
	14 x 15 16 x 17 18 x 19 21 x 22
610 N/8	024995



610 N/8 RS

**AutoClassic**  
EMPFEHLUNG

610 N/12 RS

- In sturdy plastic clip
- Suitable for wall fixation

Germany **Made in Germany**

HAZET No.	EAN-No. 4000896+
8 pieces	
Contents:	
610 N-6 x 7	8 x 9 10 x 11 12 x 13
	14 x 15 16 x 17 18 x 19 21 x 22
610 N/8 RS	025008

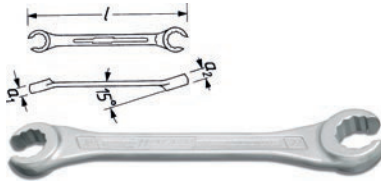
12 pieces, with practical carrying handle	
Contents:	
610 N-6 x 7	8 x 9 10 x 11 12 x 13
	14 x 15 16 x 17 18 x 19 20 x 22
	21 x 23 24 x 26 25 x 28 27 x 32
610 N/12 RS	024988



Clip, empty for 450 N/8 RS and 610 N/8 RS  
450 N/8 RS L 020294

Clip, empty for 450 N/12 RS,  
450 N/12 N RS, 610 N/12 RS  
450 N/12 RS L 020270

### Flare Nut Wrench



- For tube connections, union nuts and male fittings for pipes
- Heads angled at 15°
- With 30° (double hexagon 15° slotted)

Note: Wrenches for working on brake lines see HAZET 612 N

- Surface: chrome-plated
- DIN 3118

Germany **Made in Germany**

+ = with hexagon opening  
\* = not according to DIN

HAZET No.	a <sub>1</sub> mm	a <sub>2</sub> mm	l mm	EAN-No. 4000896+
612- 8 x 10 +	7	8	140	025206
612-10 x 11 +	8	8.7	147	025091
612-11 x 13 +	8.7	9.8	160	025107
612-12 x 14 +	9.2	10.3	168	025114
612-13 x 15 *	9.8	10.9	182	025121
612-16 x 18 *	12	13.2	208	025145
612-17 x 19	12	13.2	208	025152
612-19 x 22	13.8	15.8	222	025169
612-24 x 27	16.2	18	260	025183
612-30 x 32	21	23	300	025190

### Brake Line Flare Nut Wrench



- For screwed connections on brake lines at the front and rear axle
- Straight design for the operation of the brake line screwing at the front axle
- Offset design for the safe operation of the brake line screwing at the wheel brake cylinder, past the circumferential edge of the anchor plate
- Anti-slipping
- Reinforced design
- Straight slot/with 6-point
- Surface: chrome-plated

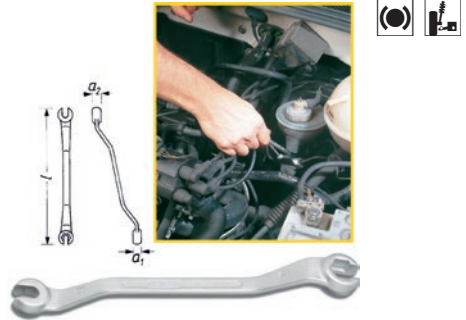
Germany **Made in Germany**

HAZET No.	a <sub>1</sub> mm	a <sub>2</sub> mm	l mm	EAN-No. 4000896+
612 N-11	11	11	180	129133



**Partner of Industry!**

### Flare Nut Wrench



- For screwed connections on brake lines
- Reinforced design
- Offset design
- With 6-point
- Straight slot
- Surface: chrome-plated

Germany **Made in Germany**

HAZET No.	a <sub>1</sub> mm	a <sub>2</sub> mm	l mm	EAN-No. 4000896+
612 N- 8 x 9	10	10	157	025459
612 N-10 x 11	11	11	168	025428
612 N-11 x 13	11.5	11.5	184	025435
612 N-12 x 14	11.5	11.5	197	025442

### Double Box-End Wrench



(Starter and Block Wrench)

- Bent style
- Surface: chrome-plated, heads polished

Germany **Made in Germany**

HAZET No.	l mm	EAN-No. 4000896+
615-11 x 13	145	025602
615-12 x 14	185	025619
615-13 x 15	185	025626
615-14 x 17	185	025640
615-16 x 18	185	060382
615-17 x 19	235	050901
615-19 x 22	235	025664

### Ratcheting Box-End Wrench



- With Traction profile
- Flat style
- Turn wrench to change operation direction from left to right and vice versa
- Surface: bright chrome-plated

HAZET No.	l mm	EAN-No. 4000896+
620- 6 x 7	110	025732
620- 8 x 9	140	025749
620-10 x 11	175	025671
620-12 x 13	175	025688
620-14 x 15	205	025695
620-16 x 18	205	025701
620-17 x 19	205	025718
620-21 x 22	235	025725

### Ratcheting Box-End Wrench Set

HAZET No.	EAN-No. 4000896+
8 pieces	
Contents:	
620-6 x 7	8 x 9 10 x 11 12 x 13
	14 x 15 16 x 18 17 x 19 21 x 22
620/8	056224

Wrenches

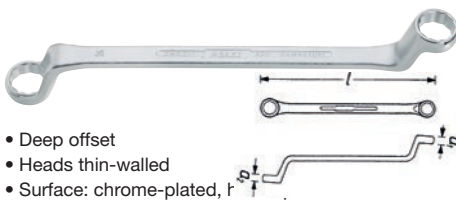
### Ratcheting Box-End Wrench



- With Traction profile
- Reversible for operating to the right and to the left
- 25° offset
- Surface: bright chrome-plated

HAZET No.	l mm	EAN-No. 4000896+
621- 6 x 7	110	025817
621- 8 x 9	140	025824
621-10 x 11	170	025756
621-12 x 13	170	025763
621-14 x 15	200	025770
621-16 x 18	200	025787
621-17 x 19	200	025794
621-21 x 22	230	025800

### Double Box-End Wrench



- Deep offset
- Heads thin-walled
- Surface: chrome-plated, f<sup>+</sup>
- DIN 838, ISO 10104

**Made in Germany**  
 + = matt chrome-plated  
 \* = not according to DIN

HAZET No.	a <sub>1</sub> mm	a <sub>2</sub> mm	l mm	EAN-No. 4000896+
630- 6 x 7	6	6.5	165	026555
630- 8 x 9	7	7.5	180	026579
630-10 x 11	8	9	200	026227
630-12 x 13	9	9.5	220	026241
630-14 x 15	10	10.5	240	026296
630-16 x 17	11	11.3	255	026302
630-17 x 19	11.3	11.9	265	026326
630-18 x 19	11.6	11.9	265	026333
630-20 x 22 *	12.2	12.9	295	026364
630-21 x 22	12.9	12.9	295	026371
630-21 x 23 *	12.5	13.2	315	026388
630-24 x 26 *	13.5	14.1	330	026401
630-24 x 27	13.5	14.4	340	026418
630-25 x 28 *	13.8	14.7	350	026432
630-27 x 32	14.4	16	365	026463
630-30 x 32	15.4	16	365	026470
630-36 x 41 +	17.2	18.8	440	026517

### Double Box-End Wrench Set



**Made in Germany**

HAZET No.	EAN-No. 4000896+
<b>8 pieces</b> Contents: 630-6 x 7    8 x 9    10 x 11    12 x 13 14 x 15    16 x 17    18 x 19    21 x 22	026654
<b>12 pieces</b> Contents: 630-6 x 7    8 x 9    10 x 11    12 x 13 14 x 15    16 x 17    18 x 19    20 x 22 21 x 23    24 x 26    25 x 28    27 x 32	026593
630/12	026593

### Double Box-End Wrench Set



**Made in Germany**

HAZET No.	EAN-No. 4000896+
9 pieces in soft foam insert Safety-Insert-System Contents: 630-6 x 7    8 x 9    10 x 11    12 x 13    14 x 15 16 x 17    18 x 19    20 x 22    21 x 23	(2/3)
163-101/9	145720

### Double Box-End Wrench

- American sizes
- Surface: chrome-plated, heads polished
- ISO 1085

**Made in Germany**

HAZET No.	a <sub>1</sub> mm	a <sub>2</sub> mm	l mm	EAN-No. 4000896+
630 A-¼ x ⅝	6.6	7	170	026722
630 A-⅜ x 7/16	8	9	200	026807
630 A-½ x 9/16	9.5	10.5	230	026715
630 A-19/32 x 11/16	10.8	11.5	255	026753
630 A-5/8 x 3/4	11	11.9	265	026821
630 A-¾ x 7/8	11.9	12.9	295	026791
630 A-25/32 x 13/16	12.2	12.5	295	026777
630 A-15/16 x 1	13.5	14.1	330	026746
630 A-1 x 1 1/8	14.1	15.6	350	026760
630 A-1 1/16 x 1 1/4	14.8	16.4	365	026692

### Heavy Duty Box-End Wrench



- For excessive use
- Heavy design
- Offset design
- Tubular handles see 640-4655 and -6080
- Surface: chrome-plated

**Made in Germany**

HAZET No.	a mm	l <sub>1</sub> mm	l <sub>2</sub> mm	EAN-No. 4000896+
640- 46	23	280	912	027279
640- 50	25.5	290	922	027309
640- 55	28	300	925	027316
640- 60	30.5	345	1039	027323
640- 65	33	355	1049	027347
640- 70	35.5	365	1059	027354
640- 75	38	375	1069	027361
640- 80	40.5	385	1075	027378
640- 85	40.5	385	1076	027385
640- 90	45	410	1100	027392
640- 95	45	410	1100	027408
640-100	45	412	1103	027187

### Tubular Handle



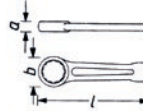
- Steel tube
- For heavy-duty box-end wrenches
- Surface: chrome-plated

**Made in Germany**

### Tubular Handle

HAZET No.	l mm	EAN-No. 4000896+
For wrenches 46 up to 55 mm		
640-4655	760	027286
For wrenches 60 up to 100 mm		
640-6080	860	027330

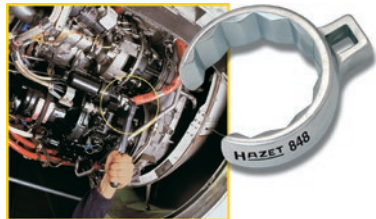
### Box-End Wrench - Striking Face Pattern



- For excessive impact stress
- American sizes on request
- DIN 7444

HAZET No.	b mm	a mm	l mm	EAN-No. 4000896+
642- 27	46	16	180	027743
642- 30	52	17	190	027750
642- 32	52	17	190	027767
642- 36	59	19	205	027774
642- 41	64	20	225	027781
642- 46	73	22	240	027798
642- 50	78	23	255	027804
642- 55	88	25	270	027811
642- 60	88	25	270	027828
642- 65	100	28	300	027835
642- 70	109	32	330	027842
642- 75	109	32	330	027859
642- 80	123	35	360	027866
642- 85	123	35	360	027873
642- 90	142	40	390	027880
642- 95	142	40	390	027897
642-100	152	44	420	027699

### Flare Nut Insert Tool (12-Point)



- Crowfoot Wrench
- For union nuts and tube connections
- Metric sizes

**Made in Germany**

HAZET No.	mm	EAN-No. 4000896+
848 Z-10	$\frac{6.3}{16}$ ¼	079049
848 Z-12	$\frac{6.3}{16}$ ¼	079056
848 Z-13	$\frac{6.3}{16}$ ¼	079063
848 Z-14	$\frac{6.3}{16}$ ¼	079070
848 Z-16	$\frac{10}{16}$ ⅜	079087
848 Z-17	$\frac{10}{16}$ ⅜	079094
848 Z-18	$\frac{10}{16}$ ⅜	079100
848 Z-19	$\frac{10}{16}$ ⅜	079117
848 Z-21	$\frac{10}{16}$ ⅜	079124
848 Z-22	$\frac{10}{16}$ ⅜	079131
848 Z-24	$\frac{10}{16}$ ⅜	079148
848 Z-27	$\frac{10}{16}$ ⅜	079162
848 Z-30	$\frac{12.5}{16}$ ½	079179
848 Z-32	$\frac{12.5}{16}$ ½	079186
848 Z-36	$\frac{12.5}{16}$ ½	079193
Hydraulic Wrench for MAN		
848 Z-41	$\frac{12.5}{16}$ ½	079216
848 Z-46	$\frac{12.5}{16}$ ½	079223