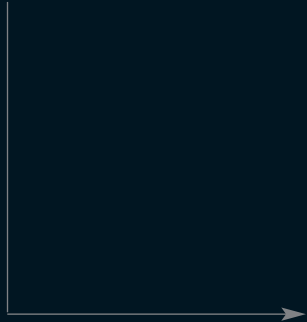


# Inhalt Index



## Schlüssel Wrenches



# Schlüssel / Wrenches

## Doppelmaulschlüssel Double Open Ended Spanners



100

DIN 3110 / ISO 3318 / 1085, Maulstellung 15°, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt, extra geschliffene Flächen, Prägung "Made in Germany"

DIN 3110 / ISO 3318 / 1085, jaws set at 15°, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment (nickel and chromium plated), matt chrome finish, precision sizing, stamped with "Made in Germany"

Art.-Nr. / No.	AF	mm	g	VE
0100 01 01	1/4 x 5/16	125	20	10
0100 01 02	5/16 x 3/8	140	30	10
0100 01 03	3/8 x 7/16	155	45	10
0100 01 04	7/16 x 1/2	172	65	10
0100 01 05	1/2 x 9/16	188	85	10
0100 01 06	9/16 x 5/8	188	85	10
0100 01 08	5/8 x 11/16	205	115	10
0100 01 10	11/16 x 3/4	220	150	10
0100 01 12	3/4 x 25/32	235	195	10
0100 01 15	13/16 x 7/8	235	195	10
0100 01 18	15/16 x 1	265	300	10
0100 01 35	1 x 1.1/8	282	390	10
0100 01 20	1.1/16x1.1/4	300	460	10

Art.-Nr. / No.	mm	mm	g	VE
0100 00 01	4 x 5	103	22	10
0100 00 02	5 x 5,5	104	22	10
0100 00 50	5,5 x 7	122	22	10
0100 00 03	6 x 7	125	20	10
0100 00 05	8 x 9	140	30	10
0100 00 06	8 x 10	140	30	10
0100 00 09	10 x 11	155	45	10
0100 00 10	10 x 12	155	45	10
0100 00 11	10 x 13	162	45	10
0100 00 12	12 x 13	172	65	10
0100 00 15	13 x 14	172	65	10
0100 00 16	13 x 15	188	85	10
0100 00 17	14 x 15	188	85	10
0100 00 18	13 x 17	205	105	10
0100 00 19	14 x 17	205	110	10
0100 00 20	16 x 17	205	115	10
0100 00 54	16 x 18	205	115	10
0100 00 21	17 x 19	220	150	10
0100 00 22	18 x 19	220	160	10
0100 00 23	19 x 22	235	195	10
0100 00 24	20 x 22	235	195	10
0100 00 25	21 x 23	248	235	10
0100 00 27	22 x 24	248	235	10
0100 00 28	24 x 26	265	300	10
0100 00 30	24 x 27	265	300	10
0100 00 31	25 x 28	282	390	10
0100 00 34	27 x 30	300	460	10
0100 00 35	27 x 32	300	460	10
0100 00 36	30 x 32	300	480	10
0100 00 37	30 x 36	325	645	10
0100 00 38	32 x 36	325	680	5
0100 00 39	36 x 41	360	900	5
0100 00 40	41 x 46	400	1120	5
0100 00 41	46 x 50	450	1625	5

## Sätze Sets



Art.-Nr. / No.		g
<b>Im Plastikhalter / in plastic hanger:</b>		
0103 00 40	4-tlg. / pcs. 6 x 7, 8 x 9, 10 x 11, 12 x 13mm	300
0103 00 41	4-tlg. / pcs. 14 x 15, 16 x 17, 18 x 19, 20 x 22mm	900
<b>Im Sichtkarton / in display box:</b>		
0104 00 42	6-tlg. / pcs. 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19mm	500
0105 00 43	8-tlg. / pcs. 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22mm	740
0107 00 44	10-tlg. / pcs. 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 24 x 27, 30 x 32mm	1550
0114 00 46	12-tlg. / pcs. 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 32mm	2150
0108 01 51	8-tlg. AF / pcs. 1/4 x 5/16, 5/16 x 3/8, 7/16 x 1/2, 9/16 x 5/8, 11/16 x 3/4, 13/16 x 7/8, 15/16 x 1, 1.1/16 x 1.1/4"	1415
0112 01 52	12-tlg. AF / pcs. 1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 1/2 x 9/16, 9/16 x 5/8, 5/8 x 11/16, 3/4 x 25/32, 13/16 x 7/8, 15/16 x 1, 1x1.1/8, 1.1/16 x 1.1/4"	2025

Art.-Nr. / No.	⌀ mm	↔ mm	⚖ g	📦 VE	145
0145 00 01	5 x 5	80	10	10	
0145 00 02	5,5 x 5,5	80	10	10	
0145 00 03	6 x 6	80	10	10	
0145 00 04	7 x 7	90	10	10	
0145 00 05	8 x 8	95	10	10	
0145 00 06	9 x 9	100	10	10	
0145 00 07	10 x 10	105	10	10	
0145 00 08	11 x 11	115	10	10	
0145 00 10	8-tlg. pcs.		85		Satz in Rolltasche / Set in roll bag

Mit gleichen Schlüsselweiten und extra dünnen Köpfen, Maulstellung 82,5° und 15°, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), hochglanz-verchromt, ideal für enge Platzverhältnisse

Same size at both ends, extra thin jaws, jaws set at 82,5° and 15°, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), nickel and chromium plated, mirror polished, ideal for electricians

### Mini-Doppelmaulschlüssel

Double Open Ended Midget Spanners



Art.-Nr. / No.		⚖ g	150
0150 60 01	44-tlg. / pcs.	280	

**ModuFlex S**

**Inhalt / Content:**

- Mini-Doppelmaulschlüssel / DE Midget Spanners 5x5; 5,5x5,5; 6x6; 7x7; 8x8; 9x9; 10x10; 11x11mm
- Präzisions-Schraubendreher / Precision screwdrivers Schlitz / Slotted 1,0x50; 2,0x50; Phillips P00, P1
- 1/4"-Mini-Umschaltknarre, feinverzahnt, 92mm
- 1/4"-Mini Ratchet, 72T, 92mm
- Bit-Adapter für Bohrmaschine
- Bits PH 1, 2, 3, 4; PZ 1, 2, 3, 4; Schlitz / Slotted 3, 4, 5, 6; Innensechskant / Hex 3, 4, 5, 6; TORX TX 10, 15, 20, 25, 27, 30, 40; Tamper-TORX TX 10, 15, 20, 25, 27, 30, 40

### MTS-Elektroniker-Satz, 44-tlg.

MTS-Set for electricians, 44-pcs.



Art.-Nr. / No.	⌀ mm	⚖ g	📦 VE	158
0158 00 01	4 - 7,5	50	10	

**Satz am Ring, aus Stahlblech, vernickelt, beinhaltet:**

- 8 Magnetschlüssel 4; 4,5; 5; 5,5; 6; 6,5; 7; 7,5
- 1 Schraubendreher / 1 Kontakfeile
- 1 Fühlerlehrenblatt

**Set on ring, nickel plated, contains**

- 8 DOE Spanners 4; 4,5; 5; 5,5; 6; 6,5; 7; 7,5
- 1 Screwdriver / 1 Contact File
- 1 Feeler Gauge

### Magnetschlüssel-Satz, 10-tlg.

Set of Magneto Spanners, 10-pcs.



Art.-Nr. / No.	⌀ mm	↔ mm	⚖ g	📦 VE	159
0159 00 01	17 x 19	220	150	10	

**Für Stockschrauben M10, z.B. an Waschbeckenbefestigungen, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt**

**For sanitary screws M10, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment (nickel and chromium plated), matt chrome finish**

**Präzise Toleranzen durch automatische Bearbeitung**

**Precision sizing due to fully automatic machining**



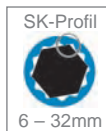
### Stockschrauben-Schlüssel

Sanitary Wrench



# Schlüssel / Wrenches

## Ring-Maulschlüssel DIN 3113 A Combination Spanners DIN 3113 A



### 185

DIN 3113 A / ISO 3318, Maul- und Ringstellung 15°, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt, Prägung "Made in Germany"

DIN 3113 A / ISO 3318, jaws and ring side set at 15°, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment (nickel and chromium plated), matt chrome finish, stamped with "Made in Germany"

Art.-Nr. / No.	AF	mm	g	VE
0185 01 01	1/4	105	20	10
0185 01 02	5/16	130	30	10
0185 01 03	3/8	154	50	10
0185 01 04	7/16	166	60	10
0185 01 05	1/2	190	80	10
0185 01 06	9/16	203	100	10
0185 01 07	5/8	227	135	10
0185 01 08	11/16	239	160	10
0185 01 09	3/4	263	205	10
0185 01 10	13/16	275	235	10
0185 01 11	7/8	300	300	10
0185 01 12	15/16	300	300	10
0185 01 13	1	330	380	5
0185 01 14	1.1/16	360	475	5
0185 01 15	1.1/8	360	475	5
0185 01 16	1.1/4	420	775	5





Art.-Nr. / No.	mm	mm	g	VE
0185 00 01	6	105	20	10
0185 00 02	7	117	20	10
0185 00 03	8	130	30	10
0185 00 04	9	142	40	10
0185 00 05	10	154	50	10
0185 00 06	11	166	60	10
0185 00 07	12	178	70	10
0185 00 08	13	190	80	10
0185 00 09	14	203	100	10
0185 00 10	15	215	115	10
0185 00 11	16	227	135	10
0185 00 12	17	239	160	10
0185 00 13	18	251	170	10
0185 00 14	19	263	205	10
0185 00 15	20	275	235	10
0185 00 16	21	288	260	10
0185 00 17	22	300	300	10
0185 00 18	23	300	300	10
0185 00 19	24	330	380	10
0185 00 21	26	360	475	10
0185 00 22	27	360	475	5
0185 00 23	28	360	475	5
0185 00 25	30	390	635	5
0185 00 26	32	420	775	5



## Sätze Sets



Art.-Nr. / No.		g
<b>Im Plastikhalter / in plastic hanger:</b>		
0185 00 40	4-tlg. / pcs.: 8, 9, 10, 11mm	300
0185 00 41	4-tlg. / pcs.: 13, 14, 17, 19mm	540
<b>Im Sichtkarton / in display box:</b>		
0185 00 51	8-tlg. / pcs. 8, 10, 11, 13, 14, 17, 19, 22mm	840
0185 00 52	10-tlg. / pcs. 6-11, 13, 14, 17, 19mm	655
0185 00 53	12-tlg. / pcs. 8-19mm	1020
0185 00 56	12-tlg. / pcs. 6, 7, 8, 9, 10, 11, 13, 14, 17, 19, 20, 22mm	995
0185 01 51	8-tlg. AF / pcs. 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"	710
0185 01 52	10-tlg. AF / pcs. 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8"	965
0185 01 53	12-tlg. AF / pcs. 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"	1735
<b>Im Karton / in cardboard box:</b>		
0185 00 54	16-tlg. / pcs. 6-14, 17, 19, 22, 24, 27, 30, 32mm	2670
0185 00 55	17-tlg. / pcs. 6-22mm	1690

Art.-Nr. / No.	 mm	 mm	 g	 VE
0186 00 80	8	149	45	10
0186 00 90	9	149	66	10
0186 01 00	10	159	70	10
0186 01 10	11	165	80	10
0186 01 20	12	171	92	10
0186 01 30	13	178	96	10
0186 01 40	14	190	116	10
0186 01 50	15	199	124	10
0186 01 60	16	208	150	10
0186 01 70	17	225	180	5
0186 01 80	18	236	195	5
0186 01 90	19	248	220	5

0186 00 01 6-tlg. / pcs. 750  
8, 10, 11, 13, 17, 19mm

0186 00 02 8-tlg. / pcs. 1095  
8, 10, 11, 13, 16, 17,  
18, 19mm






**186**
**Ringmaul-Ratschenschlüssel VA**  
 Combination Ratchet Spanners

- Ringmaulschlüssel mit Ratschentechnik
- Ideal für den Außenbereich (z.B. Boot, Bau, Landwirtschaft, Strassenbau usw.), da Edelstahl nicht rosten kann
  - Ratschentechnik mit 72 Zähnen
  - Original MULTIGEAR-Getriebe - US-Patent! - für extrem lange Lebensdauer
  - Arbeitswinkel 5°
  - Sehr hohe Drehmomentwerte (z.B. Ring SW 19mm laut DIN = 261Nm, unser Schlüssel = 450Nm = +72% über DIN!)
  - Kein Abplatzen von Chrom
  - Arbeitsrichtung der Ratsche durch Ringform vorgegeben

- Combination Ratchet Spanners
- Ideal for outdoor works (e.g. boats, construction sites, agriculture, etc.) due to the fact that stainless steel cannot become rusty
  - Ratchet-technique with 72 teeth, re-engages after movement of 5°
  - Original MULTIGEAR-Ratchet technique - US-Patent - for extra long life
  - Extremely high torque performance (i.e. ring size 19mm: 261 Nm as DIN standard; 450 Nm our Spanners = 72% above DIN standard!)
  - No more chrome-peeling

Sätze in Kartonverpackung / Sets in cardboard box






**VA-MATERIAL / STAINLESS STEEL**


Art.-Nr. / No.	 mm	 mm	 g	 VE
0590 00 01	4" - 110	15	55	1
0590 00 02	6" - 155	19	120	1
0590 00 03	8" - 205	24	240	1
0590 00 04	10" - 255	29	410	1
0590 00 05	12" - 310	33	675	1
0590 00 06	15" - 380	44	1230	1
0590 00 07	18" - 450	56	2100	1

Rollgabelschlüssel, verstellbar, System Crescent, mit präziser Skala zum Einstellen der Maulweite, DIN 3117 A / ISO 6787, schwedische Form, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt, Köpfe poliert

Adjustable Wrenches, System Crescent, with precision scale for adjusting the jaw, DIN 3117 A / ISO 6787, Swedish type, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment (nickel and chromium plated), matt chrome finish, polished heads

**590**
**Rollgabelschlüssel Profi**  
 Adjustable Wrenches Profi


Art.-Nr. / No.	 mm	 mm	 g	 VE
0591 00 02	6" - 155	19	120	1
0591 00 03	8" - 205	24	240	1
0591 00 04	10" - 255	29	410	1
0591 00 05	12" - 310	33	675	1



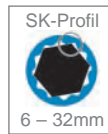
Rollgabelschlüssel, verstellbar, mit Skala zum Einstellen der Maulweite, DIN 3117 A / ISO 6787, Chrom-Vanadium-Stahl 31 CrV 3, matt verchromt

Adjustable Wrenches, with precision scale for adjusting the jaw, DIN 3117 A / ISO 6787, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), matt chrome finish

**591**
**Rollgabelschlüssel Basic**  
 Adjustable Wrenches Basic


# Schlüssel / Wrenches

## Ring-Maulschlüssel DIN 3113 B Combination Spanners DIN 3113 B



### 190

DIN 3113 B / ISO 3318, gekröpft, lange Form, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt / verchromt), matt verchromt, Prägung "Made in Germany", bis 32mm Ring poliert

DIN 3113 B / ISO 3318, offset, Chrome-Vanadium-Steel 1.2208, full galvanic treatment (nickel and chromium plated), matt chrome finish, stamped with "Made in Germany", ring polished up to 32mm





Art.-Nr. / No.	AF	mm	g	VE
0190 01 01	1/4	110	20	10
0190 01 02	5/16	130	30	10
0190 01 03	3/8	150	50	10
0190 01 04	7/16	160	55	10
0190 01 05	1/2	175	75	10
0190 01 06	9/16	185	90	10
0190 01 07	19/32	195	105	10
0190 01 08	5/8	210	120	10
0190 01 09	11/16	225	135	10
0190 01 10	3/4	250	200	10
0190 01 12	13/16	285	240	10
0190 01 13	7/8	295	265	10
0190 01 14	15/16	395	365	10
0190 01 15	1	329	400	10
0190 01 16	1.1/16	360	485	5
0190 01 17	1.1/8	360	485	5
0190 01 18	1.1/4	435	780	5
0190 01 30	1.5/16	435	780	5
0190 01 19	1.3/8	465	1000	5
0190 01 20	1.7/16	468	1000	5
0190 01 21	1.1/2	505	1400	5
0190 01 22	1.5/8	505	1370	5
0190 01 31	1.11/16	470	1250	5
0190 01 32	1.3/4	520	1900	5
0190 01 33	1.13/16	520	1900	5
0190 01 34	1.7/8	520	1900	5
0190 01 35	2	560	2350	1

Art.-Nr. / No.	mm	mm	g	VE
0190 00 01	6	110	20	10
0190 00 02	7	120	25	10
0190 00 03	8	130	30	10
0190 00 04	9	140	35	10
0190 00 05	10	150	50	10
0190 00 06	11	160	55	10
0190 00 07	12	167	65	10
0190 00 08	13	175	75	10
0190 00 09	14	185	90	10
0190 00 10	15	195	105	10
0190 00 11	16	210	120	10
0190 00 12	17	225	135	10
0190 00 13	18	237	155	10
0190 00 14	19	250	200	10
0190 00 15	20	267	240	10
0190 00 16	21	283	250	10
0190 00 17	22	295	265	10
0190 00 18	23	295	265	10
0190 00 19	24	329	400	10
0190 00 20	25	329	400	10
0190 00 21	26	360	400	5
0190 00 22	27	360	485	5
0190 00 23	28	360	485	5
0190 00 40	29	394	610	5
0190 00 24	30	394	610	5
0190 00 25	32	435	780	5
0190 00 41	33	440	780	5
0190 00 26	36	468	1000	5
0190 00 27	38	505	1300	5
0190 00 28	41	505	1300	5
0190 00 29	46	520	1900	5
0190 00 30	50	560	2350	1
0190 00 31	55	610	2850	1
0190 00 32	60	660	3600	1
0190 00 33	65	710	4550	1
0190 00 34	70	760	5800	1
0190 00 35	75	810	6650	1
0190 00 36	80	860	8500	1

## Sätze Sets



Art.-Nr. / No.	g
<b>Im Sichtkarton / in display box:</b>	
0190 00 51	8-tlg. / pcs. 8, 10, 11, 13, 14, 17, 19, 22mm 940
0190 00 52	10-tlg. / pcs. 6, 7, 8, 9, 10, 11, 13, 14, 17, 19mm 735
0190 00 53	12-tlg. / pcs. 8 - 19mm 1175
0190 01 51	8-tlg. AF / pcs. 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4" 785
0190 01 52	10-tlg. AF / pcs. 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8" 1085
0190 01 53	12-tlg. AF / pcs. 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1" 2105
<b>Im Karton / in cardboard box:</b>	
0190 00 54	16-tlg. / pcs. 6 - 14, 17, 19, 22, 24, 27, 30, 32mm 3220
0190 00 55	17-tlg. / pcs. 6 - 22mm 1920
0190 00 56	26-tlg. / pcs. 6 - 30, 32mm 6185
0190 01 54	16-tlg. AF / pcs. 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" 3365

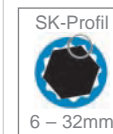
Art.-Nr. / No.	 mm	 mm	 g	 VE
0200 00 02	6 x 7	175	55	10
0200 00 04	8 x 9	191	75	10
0200 00 05	8 x 10	191	70	10
0200 00 07	10 x 11	206	105	10
0200 00 08	10 x 12	210	110	10
0200 00 09	10 x 13	216	112	10
0200 00 11	12 x 13	221	135	10
0200 00 12	12 x 14	230	150	10
0200 00 13	13 x 15	235	165	10
0200 00 14	14 x 15	235	165	10
0200 00 15	13 x 17	251	215	10
0200 00 17	16 x 17	251	210	10
0200 00 43	16 x 18	265	255	10
0200 00 18	17 x 19	271	270	10
0200 00 19	18 x 19	271	270	10
0200 00 20	19 x 22	290	330	10
0200 00 21	20 x 22	291	335	10
0200 00 22	21 x 23	311	400	5
0200 00 24	22 x 24	311	400	5
0200 00 25	24 x 26	331	495	5
0200 00 27	24 x 27	331	495	5
0200 00 28	25 x 28	352	565	5
0200 00 32	27 x 32	371	640	5
0200 00 33	30 x 32	371	640	5
0200 00 34	30 x 36	401	880	5
0200 00 35	32 x 36	401	890	5
0200 00 36	36 x 41	439	1100	5
0200 00 37	41 x 46	486	1390	5
0200 00 38	46 x 50	536	1955	1
0200 00 39	55 x 60	612	3250	1

**200**
**Doppelringschlüssel**  
 Double Ended Ring Spanners

Doppelringschlüssel tiefgekröpft, DIN 838 / ISO 3318, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt, extra polierte Ringköpfe, Prägung "Made in Germany"

Double Ended Ring Spanners, deep offset, DIN 838 / ISO 3318, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment (nickel and chromium plated), matt chrome finish, polished ring heads, stamped with "Made in Germany"

Art.-Nr. / No.	AF	mm	g	VE
0200 01 01	1/4 x 5/16	175	55	10
0200 01 03	3/8 x 7/16	206	105	10
0200 01 04	7/16 x 1/2	221	130	10
0200 01 05	1/2 x 9/16	221	145	10
0200 01 08	5/8 x 11/16	251	210	10
0200 01 11	3/4 x 25/32	271	270	10
0200 01 14	13/16 x 7/8	291	335	10
0200 01 17	15/16 x 1	311	435	5
0200 01 19	1.1/16x1.1/4	371	640	5
0200 01 36	1.3/16x1.5/16	371	640	5
0200 01 22	1.3/8x1.1/2	420	1000	5
0200 01 23	1.7/16x1.5/8	439	1100	5
0200 01 40	1.11/16x1.7/8	495	1400	5
0200 01 41	1.13/16x2	535	1955	1



SK-Profil für mehr Kraft an den Flanken. An allen Ringschlüsseln und Einsätzen von MATADOR.

SK Profile for higher power transmission. Find it on all ring spanners and sockets from MATADOR.



Art.-Nr. / No.		g
Im Sichtkarton / in display box:		
0204 00 43	6-tlg. / pcs. 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19mm	885
0205 00 44	8-tlg. / pcs. 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22mm	1265
0206 01 24	6-tlg. AF / pcs. 3/8 x 7/16, 1/2 x 9/16, 5/8 x 11/16, 3/4 x 25/32, 13/16 x 7/8, 15/16 x 1"	1500
0211 01 26	8-tlg. AF / pcs. 1/4 x 5/16, 3/8 x 7/16, 1/2 x 9/16, 5/8 x 11/16, 3/4 x 25/32, 13/16 x 7/8, 15/16 x 1, 1.1/16 x 1.1/4"	2180
Im Karton / in cardboard box:		
0207 00 45	10-tlg. / pcs. 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 24 x 27, 30 x 32mm	2355
0214 00 47	12-tlg. / pcs. 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 32mm	3310

**Sätze**  
 Sets


# Schlüssel / Wrenches

## Starter- und Blockschlüssel Starter and Manifold Spanners



188

Starter- und Blockschlüssel, ideal für Arbeiten am Motorblock, z.B. für Schrauben an Lichtmaschine, Vergaser und Anlasser, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt

Starter and Manifold Spanners, perfect for works on engines e.g. bolts on alternator, carburettor and starter, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment (nickel and chromium plated), matt chrome finish

Art.-Nr. / No.	mm	mm	g	VE
0188 00 07	10 x 12	145	80	10
0188 00 01	11 x 13	145	70	10
0188 00 02	13 x 15	165	100	10
0188 00 03	14 x 16	185	150	10
0188 00 04	14 x 17	185	150	10
0188 00 05	15 x 17	185	150	10
0188 00 08	16 x 18	200	215	10
0188 00 06	19 x 22	235	265	10

## Doppelringschlüssel, gerade DE Ring Spanners, straight



220

Doppelringschlüssel, gerade, DIN 837 / ISO 3318, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt

Double Ended Ring Spanners, straight, DIN 837 / ISO 3318, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment (nickel and chromium plated), matt chrome finish

Art.-Nr. / No.	mm	mm	g	VE
0220 00 01	6 x 7	100	10	10
0220 00 02	8 x 9	115	16	10
0220 00 03	8 x 10	120	20	10
0220 00 04	10 x 11	125	28	10
0220 00 05	12 x 13	140	40	10
0220 00 06	12 x 14	150	40	10
0220 00 07	13 x 15	155	45	10
0220 00 08	14 x 15	155	55	10
0220 00 09	13 x 17	160	60	10
0220 00 11	16 x 17	170	70	10
0220 00 28	16 x 18	170	80	10
0220 00 12	17 x 19	185	82	10
0220 00 13	18 x 19	188	80	10
0220 00 15	20 x 22	205	130	10
0220 00 16	21 x 23	222	135	10
0220 00 22	22 x 24	240	150	10
0220 00 18	24 x 27	255	195	5
0220 00 19	25 x 28	265	222	5
0220 00 21	30 x 32	285	280	5



Sätze in Kartonverpackung / Sets in cardboard box

0220 00 24	8-tlg. / pcs.	430		
	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22mm			
0220 00 25	12-tlg. / pcs.	1260		
	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 32mm			

## Doppelringschlüssel, TORX DE Ring Spanners, TORX



221





Doppelringschlüssel, gerade, für Außen-TORX-Schrauben, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt

Double Ended Ring Spanners, straight, for outside TORX-screws, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment (nickel and chromium plated), matt chrome finish




Art.-Nr. / No.	TORX	mm	g	VE
0221 06 08	E 6 x 8	110	25	10
0221 10 12	E 10 x 12	140	40	10
0221 14 18	E 14 x 18	180	80	10
0221 20 24	E 20 x 24	225	155	5

Satz in Kartonverpackung / Set in cardboard box





0221 00 01	4-tlg. / pcs.	300		
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Art.-Nr. / No.	 mm	 mm	 g	 VE	224
0224 00 01	6 x 7	110	50	10	
0224 00 02	8 x 9	140	70	10	
0224 00 03	10 x 11	175	80	10	
0224 00 04	12 x 13	175	145	10	
0224 00 05	14 x 15	205	150	10	
0224 00 06	16 x 18	205	260	10	
0224 00 07	17 x 19	205	260	10	
0224 00 08	21 x 22	235	280	10	
0224 00 50	8-tlg. / pcs.		1300		Satz in Kartonverpackung / Set in cardboard box

**Ratschenringschlüssel, gekröpft**  
 Double Box Wrenches, offset type


Art.-Nr. / No.	TORX	 mm	 g	 VE	226
0226 00 01	E 6 x 7	110	50	10	
0226 00 02	E 8 x 10	140	70	10	
0226 00 03	E 11 x 12	175	80	10	
0226 00 04	E 14 x 16	175	145	10	
0226 00 05	E 18 x 20	205	150	10	
0226 00 06	E 22 x 24	205	260	10	
0226 00 50	6-tlg. / pcs.		1300		Satz in Kartonverpackung / Set in cardboard box

**Ratschenringschlüssel, TORX**  
 Double Box Wrenches, TORX


Art.-Nr. / No.	 mm	 mm	 g	 VE	230
0230 08 09	8 x 9	160	110	1	
0230 10 11	10 x 11	175	138	1	
0230 12 13	12 x 13	205	188	1	
0230 14 15	14 x 15	210	196	1	
0230 16 17	16 x 17	240	332	1	
0230 18 19	18 x 19	250	360	1	<p>Double-Ended Swivel-Ring-Ratchet-Spanners</p> <ul style="list-style-type: none"> <li>- Ideal for outdoor works (e.g. boats, construction sites, agriculture, etc.) due to stainless steel cannot become rusty</li> <li>- Ratchet-technique with 72 teeth, re-engages after movement of 5°</li> <li>- Original MULTIGEAR-Ratchet technique - US-Patent - for extra long life</li> <li>- Extremely high torque performance (i.e. ring size 19mm: 261 Nm as DIN standard; 450 Nm our Spanners = 72% above DIN standard!)</li> <li>- No more chrome-peeling</li> <li>- Max. angle 180°</li> </ul>
0230 00 01	6-tlg. / pcs.		1324		

**Doppelring-Ratschenschlüssel**  
 Double Ring Ratchet Spanners

**VA-MATERIAL / STAINLESS STEEL**


# Schlüssel / Wrenches

## Offene Doppelringschlüssel Flare Nut Ring Spanners



### 251

Offene Doppelringschlüssel für Überwurfmutter und -schrauben an Rohrleitungsverschraubungen, auch ideal für Bremsleitungen, DIN 3118, 8 x 10 - 13 x 14mm, 6-kant: Köpfe 30° geschlitzt, 15° abgewinkelt; 14 x 17 - 27 x 36mm, 12-kant: Köpfe 15° geschlitzt, 15° abgewinkelt, Chrom-Vanadium-Stahl 31 CrV 3, matt verchromt

Flare Nut Ring Spanners, chrome plated, Chrome-Vanadium, for screwed connections on brake lines, 8 x 10 - 13 x 14mm, 6-pt.: Heads 30° slotted, 15° offset; 14 x 17 - 27 x 36mm, 12-pt.: Heads 15° slotted, 15° offset, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), matt chrome finish

Satz in Kartonverpackung / Set in cardboard box

Art.-Nr. / No.	mm	mm	g	VE
0251 00 01	8 x 10	140	45	10
0251 00 02	9 x 11	150	60	10
0251 00 03	10 x 11	150	65	10
0251 00 04	10 x 12	150	65	10
0251 00 14	11 x 13	170	95	10
0251 00 05	13 x 14	170	100	10
0251 00 06	14 x 17	200	145	10
0251 00 15	16 x 18	210	160	10
0251 00 07	17 x 19	210	155	10
0251 00 08	19 x 22	215	200	5
0251 00 13	22 x 24	235	275	5
0251 00 09	24 x 27	235	300	5
0251 00 11	30 x 32	275	450	5
0251 00 12	27 x 36	300	415	5
0251 00 90	8 x 10, 10 x 12, 11 x 13, 14 x 17, 19 x 22mm	550		

## Doppelsteckschlüssel, massiv Box Spanners



### 300

Doppelsteckschlüssel, mit Sechskant-Schaft, Innensechskant, massiv, geschmiedet, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt

Box Spanner, with hexagon shaft, inside hexagon, solid wrought, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment (nickel and chromium plated), matt chrome finish

Sätze in Kartonverpackung / Sets in cardboard box

Art.-Nr. / No.	mm	mm	g	VE
0300 00 01	6 x 7	115	40	10
0300 00 02	8 x 9	120	60	10
0300 00 03	10 x 11	130	75	10
0300 00 04	12 x 13	140	115	10
0300 00 05	14 x 15	150	140	10
0300 00 07	16 x 17	160	180	10
0300 00 09	18 x 19	170	225	10
0300 00 10	20 x 22	180	320	10
0300 00 11	21 x 23	180	330	5
0300 00 16	24 x 27	190	415	5
0300 00 17	25 x 28	200	500	5
0300 00 15	30 x 32	200	610	5
0300 00 91	8-tlg. / pcs.		1120	
	6x7 - 20x22			
0300 00 92	12-tlg. / pcs.		3100	
	6x7 - 30x32			

## Stufen-Drehstift Pin handles, graduated



### 342

6-fach (4, 6, 8, 10, 12, 14mm), für Nr. 300 + 380; Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung, matt verchromt

Graduated, for No. 300 + 380; Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment, matt chrome finish

Art.-Nr. / No.	mm	mm	g	VE
0342 00 17	6-32	250	230	10

## Doppelgelenksteckschlüssel Double Ended Swivel Spanners







### 430

Für enge Platzverhältnisse, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt

Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment (nickel and chromium plated), matt chrome finish

Satz in Kartonverpackung / Set in cardboard box

Art.-Nr. / No.	mm / AF	mm	g	VE
0430 00 01	8 x 9	145	50	10
0430 00 02	10 x 11	170	75	10
0430 00 03	12 x 13	200	125	10
0430 00 04	14 x 15	220	245	10
0430 00 05	16 x 17	250	255	10
0430 00 06	18 x 19	270	340	10
0430 00 07	20 x 22	295	435	5
0430 01 01	3/8 x 7/16	210	112	10
0430 01 02	1/2 x 9/16	245	220	10
0430 00 90	7-tlg. / pcs.		1235	
	8 x 9 - 20 x 22mm			

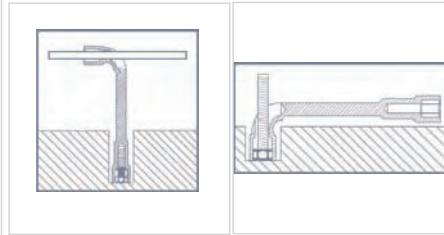
Art.-Nr. / No.	 mm	 mm	 g	 VE
0320 00 01	8	115	80	10
0320 00 02	9	122	85	10
0320 00 03	10	130	105	10
0320 00 04	11	136	115	5
0320 00 05	12	145	145	5
0320 00 06	13	152	170	5
0320 00 07	14	160	185	5
0320 00 08	15	170	215	5
0320 00 09	16	178	240	5
0320 00 10	17	187	275	5
0320 00 11	18	195	345	2
0320 00 12	19	205	385	2
0320 00 13	20	212	490	2
0320 00 14	21	225	550	2
0320 00 15	22	230	550	2
0320 00 16	23	240	715	2
0320 00 17	24	250	750	2
0320 00 18	26	270	885	2
0320 00 19	27	280	890	2
0320 00 20	28	290	920	2
0320 00 21	29	300	1120	2
0320 00 22	30	310	1220	2
0320 00 23	32	330	1570	2
0320 00 50	8-tlg. / pcs.	1900		
	8, 10, 11, 13, 16, 17, 18, 19mm			
0320 00 51	12-tlg. / pcs.	2600		
	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm			

## 320

### 6-kt.-Pfeifenkopfschlüssel 6-pt. Pipe Head Spanners





ISO 2236, ideal für Stehbolzen und tiefliegende Muttern, 6x12 (mit Sechs- u. Zwölfkant), kurze Seite gebohrt zum Einstecken von Drehstiften, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt,

ISO 2236, 6x12 (with 6-pt. and 12-pt.), with insertion on short side for tommy bar, Chrome-Vanadium-Steel 31 CrV 3 (1.2208), full galvanic treatment (nickel and chromium plated), matt chrome finish



Sätze in Kartonverpackung / Sets in cardboard box



Art.-Nr. / No.	 mm	 mm	 g	 VE
0380 00 01	6 x 7	110	30	10
0380 00 02	8 x 9	110	40	10
0380 00 30	8 x 10	115	40	10
0380 00 03	10 x 11	120	55	10
0380 00 04	12 x 13	140	80	10
0380 00 05	13 x 15	140	85	10
0380 00 06	14 x 15	140	90	10
0380 00 08	16 x 17	155	125	10
0380 00 09	17 x 19	160	165	10
0380 00 10	18 x 19	160	165	10
0380 00 32	18 x 21	170	190	10
0380 00 11	20 x 22	170	200	10
0380 00 12	21 x 23	175	200	5
0380 00 14	24 x 27	185	295	5
0380 00 15	25 x 28	190	310	5
0380 00 18	30 x 32	200	365	5
0380 00 19	32 x 36	220	455	5
0380 00 20	36 x 41	220	615	5
0380 00 21	41 x 46	240	775	5
0380 00 22	46 x 50	240	820	1
0380 00 50	8-tlg. / pcs.	850		
	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22mm			
0380 00 51	12-tlg. / pcs.	2100		
	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 32mm			

## 380

### Rohrsteckschlüssel Tubular Box Spanners

DIN 896 Form B / ISO 2236 / 1085, Spezialstahl, gehärtet, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt, Prägung "Made in Germany"

DIN 896 Form B / ISO 2236 / 1085, special tool steel, hardened, full galvanic treatment (nickel and chromium plated), matt chrome finish, signed with "Made in Germany"

Sätze in Kartonverpackung / Sets in cardboard box



Automatisches Bohrzentrum /  
Automatic Boring Center

# Schlagschlüssel / Slogging Spanners

## Schlag-Maulschlüssel Open Ended Slogging Spanners



### 175

DIN 133, für besonders schwere Montagen, bis Länge 500mm aus Chrom-Vanadium Stahl 31CrV3, ab Länge 525mm aus Werkstoff C35, gesandstrahlt, verzinkt für anhaltenden Rostschutz

For very heavy duty work, up to length 525mm Chrom-Vanadium steel 31CrV 3 (1.2208), above 545mm C35 steel, sand blasted, zinc plated

AF-Abmessungen auf Anfrage / AF-sizes on request

Art.-Nr. / No.	mm	mm	kg	VE
0175 00 01	27	180	0,35	1
0175 00 02	30	190	0,45	1
0175 00 03	32	190	0,45	1
0175 00 04	36	215	0,65	1
0175 00 05	41	235	0,95	1
0175 00 06	46	255	1,25	1
0175 00 07	50	275	1,60	1
0175 00 08	55	300	2,05	1
0175 00 09	60	320	2,45	1
0175 00 10	65	340	3,25	1
0175 00 11	70	375	4,25	1
0175 00 12	75	375	4,15	1
0175 00 13	80	400	6,10	1
0175 00 14	85	400	5,90	1
0175 00 15	90	445	8,35	1
0175 00 16	95	445	7,60	1
0175 00 17*	100	485	11,50	1
0175 00 18*	105	485	11,20	1
0175 00 19*	110	510	14,00	1
0175 00 20*	115	510	13,80	1
0175 00 21*	120	545	18,00	1
0175 00 22*	125	545	17,80	1
0175 00 23*	130	575	21,00	1
0175 00 24*	135	575	20,40	1
0175 00 25*	140	590	20,70	1
0175 00 26*	145	640	28,50	1
0175 00 27*	150	640	28,00	1
0175 00 28*	155	640	28,30	1
0175 00 29*	160	700	27,00	1
0175 00 30*	165	715	42,00	1
0175 00 31*	170	715	39,00	1
0175 00 32*	175	715	38,00	1
0175 00 33*	180	715	40,00	1

## Schlag-Ringschlüssel Striking Face Ring Spanners



### 270





DIN 7444, Spezialstahl, gesandstrahlt, verzinkt für anhaltenden Rostschutz

For very heavy duty work, up to length 435mm Chrom-Vanadium steel 31CrV 3 (1.2208), above 480mm C35 steel, sand blasted, zinc plated

AF-Abmessungen auf Anfrage / AF-sizes on request

Art.-Nr. / No.	mm	mm	kg	VE
0270 00 01	24	165	0,20	1
0270 00 02	27	180	0,28	1
0270 00 03	30	190	0,38	1
0270 00 04	32	190	0,35	1
0270 00 05	36	210	0,50	1
0270 00 06	41	225	0,70	1
0270 00 07	46	240	0,98	1
0270 00 08	50	250	1,08	1
0270 00 09	55	270	1,32	1
0270 00 10	60	280	1,60	1
0270 00 11	65	290	2,30	1
0270 00 12	70	310	2,90	1
0270 00 13	75	325	2,60	1
0270 00 14	80	345	3,85	1
0270 00 15	85	365	3,55	1
0270 00 16	90	400	5,43	1
0270 00 17	95	400	4,90	1
0270 00 18*	100	400	6,80	1
0270 00 19*	105	420	6,30	1
0270 00 20*	110	440	7,96	1
0270 00 21*	115	440	7,90	1
0270 00 22*	120	470	9,90	1
0270 00 23*	125	470	9,10	1
0270 00 24*	130	510	13,30	1
0270 00 25*	135	525	12,50	1
0270 00 26*	140	550	13,70	1
0270 00 27*	145	550	18,25	1
0270 00 28*	150	550	18,75	1




\* Auftragsbezogene Fertigung. Rücknahme ausgeschlossen.  
\* Manufacturing only on request. No return.

Art.-Nr. / No.					280
	mm	mm	kg	VE	
0280 00 20	22	180	0,40	1	<p>Für höchste Beanspruchung, schwere Ausführung, gekröpft, Chrom-Vanadium-Stahl 31 CrV 3, voll galvanische Behandlung (vernickelt und verchromt), matt verchromt</p> <p>Deep offset, for very heavy duty work, to use with club hammer or pneumatic hammer for tightening or loosening, Chrome-Vanadium steel 1.2208, hot forged, fully worked, sandblasted, zinc plated</p> <p>AF-Abmessungen auf Anfrage / AF-sizes on request</p>
0280 00 01	24	180	0,40	1	
0280 00 02	27	190	0,42	1	
0280 00 03	30	210	0,50	1	
0280 00 04	32	234	0,70	1	
0280 00 05	36	240	0,80	1	
0280 00 06	41	250	0,95	1	
0280 00 07	46	260	1,30	1	
0280 00 08	50	267	1,45	1	
0280 00 09	55	300	1,55	1	
0280 00 10	60	345	2,30	1	
0280 00 11	65	355	2,65	1	
0280 00 12	70	365	3,00	1	
0280 00 13	75	374	3,10	1	
0280 00 14	80	384	4,00	1	
0280 00 15	85	384	3,70	1	
0280 00 16	90	410	5,10	1	
0280 00 17	95	410	4,90	1	
0280 00 18	100	410	4,80	1	
0280 00 19	105	410	4,65	1	
0280 00 24	22 – 30 7/8 – 1.3/16	460	600	1	<p>Aufsteckrohre / Pipe bars</p>
0280 00 25	32 – 41 1.1/4 – 1.11/16	610	1130	1	
0280 00 26	46 – 55 1.3/4 – 2.1/4	760	2200	1	
0280 00 27	60 – 105 2.3/8 – 3"	860	2900	1	

## Zug-Ringschlüssel

### Heavy Duty Ring Spanners



Art.-Nr. / No.					290
		mm	g	VE	
0290 00 01	klein / small	110	25	5	<p>Praktischer Schlüsselhalter aus Metall, mit 4 Aussparungen für Schlüssel, zum Befestigen an Werkbänken, Lochwänden, Arbeitstafeln usw., bringt Ordnung in Ihre Schlüsselsortimente, in zwei Größen für Schlüssel bis 14x15mm und bis 30x32mm</p> <p>Holder for wrenches, metal plate, with 4 pockets for all kind of wrenches, for mounting on panels, workshop benches, display panels etc., get organized in your spanners assortment, in two sizes available for wrenches up to 14x15mm and up to 30x32mm</p>
0290 00 02	groß / big	110	30	5	

## Schlüsselhalter

### Holder for wrenches

