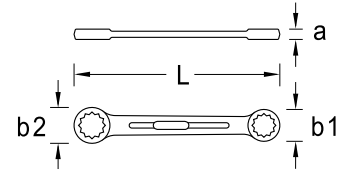


# 4 FLAT RING SPANNER

straight pattern

- > Acc. to DIN 837 Form B, ISO 3318, ISO 1085
- > Flat pattern
- > Thin walled rings

- > UD-profile
- > GEDORE vanadium steel 31CrV3, chrome-plated
- \* not standardised



Ø mm	L	a	b <sub>1</sub>	b <sub>2</sub>	$\frac{a}{b_1}$	Code	No.
6 x 7	99	4.5	10.0	11.5	0.014	6052710	4 6x7
8 x 9	114	5.2	13.0	14.5	0.024	6053010	4 8x9
8 x 10	115	5.2	13.0	16.0	0.022	6053280	4 8x10
10 x 11	131	5.8	16.0	17.0	0.034	6053440	4 10x11
10 x 13	149	6.4	16.0	20.5	0.045	6053520	4 10x13
12 x 13	149	6.4	19.0	20.5	0.049	6053870	4 12x13
13 x 15	161	7.2	20.5	23.0	0.064	6054170	4 13x15
14 x 15	161	7.2	21.5	23.0	0.064	6054250	4 14x15
13 x 17	167	7.8	20.5	25.5	0.074	6054330	4 13x17
14 x 17	169	7.8	21.5	25.5	0.077	6054410	4 14x17
16 x 17	169	7.8	24.5	25.5	0.084	6054680	4 16x17
17 x 19	186	8.5	25.5	28.0	0.098	6054760	4 17x19
18 x 19	186	8.5	27.0	28.0	0.106	6054840	4 18x19
19 x 22	209	9.4	28.0	32.5	0.136	6054920	4 19x22
20 x 22	*	209	9.4	29.5	0.134	6055060	4 20x22

Ø mm	L	a	b <sub>1</sub>	b <sub>2</sub>	$\frac{a}{b_1}$	Code	No.
19 x 24	*	233	10.0	28.0	0.176	6055140	4 19x24
21 x 23	*	233	10.0	30.5	0.171	6055220	4 21x23
22 x 24		233	10.0	32.5	0.184	6055300	4 22x24
24 x 26	*	261	10.8	35.5	0.230	6055490	4 24x26
24 x 27		260	10.8	35.5	0.249	6055570	4 24x27
25 x 28	*	289	11.6	36.5	0.273	6055730	4 25x28
24 x 30		290	11.6	35.5	0.303	6055650	4 24x30
27 x 32		320	12.6	39.0	0.373	6055810	4 27x32
30 x 32		320	12.6	43.5	0.399	6056030	4 30x32
30 x 36		357	13.8	43.5	0.469	6056110	4 30x36
32 x 36		357	13.8	46.0	0.492	6056380	4 32x36
36 x 41		391	15.0	51.5	0.616	6056460	4 36x41
41 x 46		431	16.2	59.0	0.789	6056540	4 41x46
46 x 50		473	16.5	66.0	1.035	6056620	4 46x50

# 4 FLAT RING SPANNER SET

- > Made up of sizes most in use
- > Flat pattern
- > Thin walled rings
- > UD-profile
- > Acc. to DIN 837 Form B, ISO 3318, ISO 1085
- > GEDORE vanadium steel 31CrV3, chrome-plated

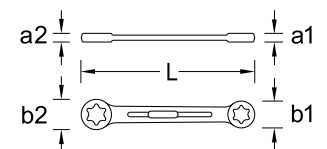


pieces	Contents	$\frac{a}{b_1}$	Code	No.
8	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	0.521	6061700	4-8
12	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x26 25x28 27x32	1.549	6062000	4-12
12	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32	2.000	6062190	4-120

# TX 4 FLAT RING SPANNER

straight pattern, for protruding TORX® head screws

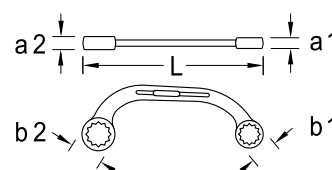
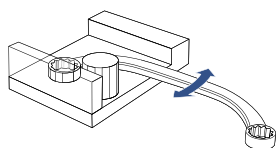
- > GEDORE vanadium steel 31CrV3, chrome-plated
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Ø	□ mm	★ mm	L	a <sub>1</sub>	a <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	$\frac{a_1}{b_1}$	Code	No.
E6xE8	M5 - M7	5,74 x 7,52	110	5.0	6.0	9.0	11.0	0.014	6059800	TX 4 E6xE8
E10xE12	M8 - M10	9,42 x 11,17	140	7.0	8.0	13.0	15.0	0.039	6059990	TX 4 E10xE12
E14xE18	M12 - M14	12,9 x 16,7	180	8.5	9.5	17.0	21.0	0.074	6060140	TX 4 E14xE18
E20xE24	M16 - M20	18,45 x 22,16	226	11.5	13.5	24.5	28.5	0.163	6060220	TX 4 E20xE24

## SPECIAL

- > Thin walled rings
- > GEDORE vanadium steel 31CrV3, chrome-plated
- > Specialists in tight spaces



## 304 / 304 (AF) HALF-MOON RING SPANNER

Ø mm	L	a <sub>1</sub>	a <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	⚖	Code	No.
11 x 13	150	7.0	7.5	17.0	20.5	0.077	6470040	304 11x13
13 x 15	185	8.5	8.5	20.5	23.0	0.129	6470630	304 13x15
13 x 17	185	8.5	8.5	20.5	25.5	0.140	6470120	304 13x17
14 x 16	185	8.5	8.5	21.5	24.5	0.137	6470200	304 14x16

Ø mm	L	a <sub>1</sub>	a <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	⚖	Code	No.
14 x 17	185	8.5	8.5	21.5	25.5	0.144	6470390	304 14x17
15 x 17	185	8.5	8.5	23.0	25.5	0.150	6470470	304 15x17
16 x 18	185	8.5	8.5	24.5	27.0	0.163	6567550	304 16x18
19 x 22	230	10.0	10.5	28.0	32.5	0.261	6470550	304 19x22

### INCH

Ø" AF	L	a <sub>1</sub>	a <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	⚖	Code	No.
7/16 x 1/2	150	7.0	7.5	17.0	20.5	0.079	6471010	304 7/16x1/2AF
9/16 x 5/8	185	8.5	8.5	21.5	24.5	0.139	6471280	304 9/16x5/8AF

Ø" AF	L	a <sub>1</sub>	a <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	⚖	Code	No.
5/8 x 3/4	230	10.0	10.5	24.5	28.0	0.219	6471360	304 5/8x3/4AF
3/4 x 7/8	230	10.0	10.5	28.0	32.5	0.247	6471440	304 3/4x7/8AF

## NO. 400

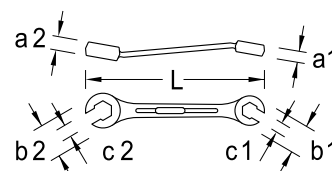
- > Acc. to DIN 3118
- > Sizes 8x10 to 12x14 mm with hexagon

- > GEDORE vanadium steel 31CrV3, chrome-plated
- > For applications involving hydraulic/brake lines



Ring 15° offset from shaft

Hexagon gap 30° offset,  
UD-section at 15° offset



## 400 (MM) / 400 (AF) FLARE NUT SPANNER, OPEN

\* not standardised

Ø mm	L	a <sub>1</sub>	a <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	c <sub>1</sub>	c <sub>2</sub>	⚖	Code	No.
8 x 10	140	6.5	8.0	18	20	6.0	7.0	0.045	6057190	400 8x10
9 x 11	145	7.5	8.5	19	22	6.5	8.5	0.059	6056970	400 9x11
10 x 11	150	8.0	9.5	20	22	7.0	8.5	0.064	6057270	400 10x11
10 x 12	150	8.0	9.5	20	24	7.0	9.0	0.073	6051070	400 10x12
11 x 13	160	8.5	10.5	22	26	8.5	10.0	0.077	6057350	400 11x13
12 x 14	170	9.5	11.2	24	28	9.0	11.0	0.106	6057430	400 12x14
13 x 15	180	10.5	11.8	26	29	10.0	12.0	0.116	6057000	400 13x15
14 x 17	195	11.5	12.2	28	32	11.0	14.0	0.136	6057510	400 14x17

Ø mm	L	a <sub>1</sub>	a <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	c <sub>1</sub>	c <sub>2</sub>	⚖	Code	No.
17 x 19	210	12.2	13.2	32	35	14.0	15.0	0.179	6057780	400 17x19
19 x 22	230	13.2	15.2	35	41	15.0	17.0	0.246	6058670	400 19x22
22 x 24	250	15.2	16.2	41	45	17.0	18.0	0.335	6057860	400 22x24
24 x 27	270	16.2	17.2	45	48	18.0	20.0	0.408	6058750	400 24x27
30 x 32	300	20.2	22.2	50	52	22.0	24.0	0.575	6058830	400 30x32
36 x 41	351	25.2	28.2	58	66	25.0	32.0	0.980	1933175	400 36x41
46 x 50	396	31.5	33.5	74	79	35.0	39.0	0.800	2297183	400 46x50

### INCH

Ø" AF	L	a <sub>1</sub>	a <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	c <sub>1</sub>	c <sub>2</sub>	⚖	Code	No.
5/16 x 3/8	140	6.5	8.0	18	20	6.0	7.0	0.043	6057940	400 5/16x3/8AF
3/8 x 7/16	150	8.0	8.5	20	22	7.0	8.5	0.057	6058080	400 3/8x7/16AF
7/16 x 1/2	160	8.5	10.5	22	26	8.5	10.0	0.076	6058160	400 7/16x1/2AF
1/2 x 9/16	170	9.5	11.2	24	28	10.0	11.0	0.092	6058240	400 1/2x9/16AF

Ø" AF	L	a <sub>1</sub>	a <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	c <sub>1</sub>	c <sub>2</sub>	⚖	Code	No.
9/16 x 5/8	195	11.2	12.2	28	32	11.0	13.0	0.129	6058320	400 9/16x5/8AF
5/8 x 3/4	210	12.2	13.2	32	35	13.0	15.0	0.178	6058400	400 5/8x3/4AF
3/4 x 7/8	230	13.2	15.2	35	41	15.0	17.0	0.235	6056700	400 3/4x7/8AF
7/8 x 1	250	15.2	16.2	41	45	17.0	19.0	0.304	6058590	400 7/8x1AF