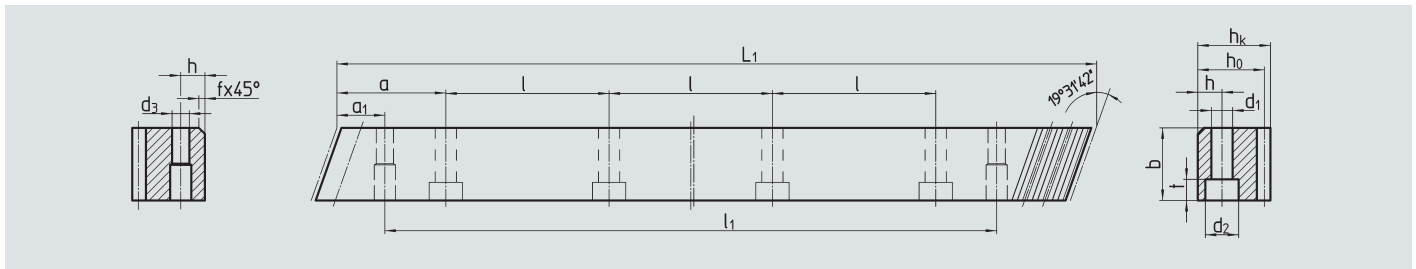


ATLANTA Quality 10



Order Code	Module	L_1	N° of Teeth	$b^{*0.4}$	h_k	h_0	f	a	l	N° of Holes	h	d_1	d_2	t	a_1	l_1	d_3	kg
39 15 050 ²⁾	1.5	500.00	100	17	17	15.5	2	62.5	125	4	6	6	10	6	31.7	436.6	5.7	2.00
39 16 050	1.5	500.00	100	17	17	15.5	2	without mounting holes										2.00
39 15 100	1.5	1000.00	200	17	17	15.5	2	62.5	125	8	6	6	10	6	31.7	936.6	5.7	2.60
39 16 100	1.5	1000.00	200	17	17	15.5	2	without mounting holes										2.60
39 20 050 ²⁾	2	500.00	75	25	24	22	2	62.5	125	4	8	7	11	7	31.7	436.6	2.7	2.10
39 21 050	2	500.00	75	25	24	22	2	without mounting holes										2.10
39 20 100	2	1000.00	150	25	24	22	2	62.5	125	8	8	7	11	7	31.7	936.6	5.7	4.20
39 21 100	2	1000.00	150	25	24	22	2	without mounting holes										4.20
39 20 200	2	2000.00	300	25	24	22	2	62.5	125	16	8	7	11	7	31.7	1936.6	5.7	8.40
39 21 200	2	2000.00	300	25	24	22	2	without mounting holes										8.40
39 30 050 ²⁾	3	500.00	50	30	29	26	2	62.5	125	4	9	10	15	9	35.0	430.0	7.7	3.00
39 31 050	3	500.00	50	30	29	26	2	without mounting holes										3.00
39 30 100	3	1000.00	100	30	29	26	2	62.5	125	8	9	10	15	9	35.0	930.0	7.7	6.00
39 31 100	3	1000.00	100	30	29	26	2	without mounting holes										6.00
39 30 200	3	2000.00	200	30	29	26	2	62.5	125	16	9	10	15	9	35.0	1930.0	7.7	12.00
39 31 200	3	2000.00	200	30	29	26	2	without mounting holes										12.00
39 40 050 ¹⁾²⁾	4	506.67	38	40	39	35	2	62.5	125	4	12	10	15	9	33.3	433.0	7.7	5.30
39 40 100	4	1000.00	75	40	39	35	2	62.5	125	8	12	10	15	9	33.3	933.4	7.7	10.50
39 41 100	4	1000.00	75	40	39	35	2	without mounting holes										10.50
39 40 200	4	2000.00	150	40	39	35	2	62.5	125	16	12	10	15	9	33.3	1933.4	7.7	21.00
39 41 200	4	2000.00	150	40	39	35	2	without mounting holes										21.00
39 50 100	5	1000.00	60	50	39	34	2.5	62.5	125	8	12	14	20	13	37.5	925.0	11.7	13.00
39 51 100	5	1000.00	60	50	39	34	2.5	without mounting holes										13.00
39 50 200	5	2000.00	120	50	39	34	2.5	62.5	125	16	12	14	20	13	37.5	1925.0	11.7	26.00
39 60 100	6	1000.00	50	60	49	43	2.5	62.5	125	8	16	18	26	17	37.5	925.0	15.7	19.80
39 61 100	6	1000.00	50	60	49	43	2.5	without mounting holes										19.80
39 60 200	6	2000.00	100	60	49	43	2.5	62.5	125	16	16	18	26	17	37.5	1925.0	15.7	39.60
39 61 200	6	2000.00	100	60	49	43	2.5	without mounting holes										39.60

1) This rack can only be used for continuous linking with the left side

2) Due to the screw connection, the feed force is maximum 50 % of the value for racks with $L_1 = 1,000$ mm

Total Pitch Error:
 $GT_f / 500 \leq 0.100$ mm
 $GT_f / 1000 \leq 0.200$ mm
 $GT_f / 1500 \leq 0.300$ mm
 $GT_f / 2000 \leq 0.400$ mm

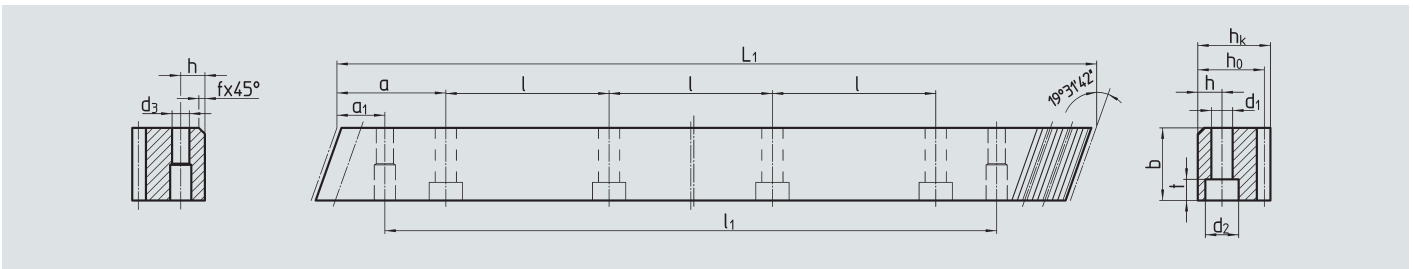
- ⊗ Teeth hardened with the ATLANTA High-Performance hardening process and ground
- ⊗ Heat-treatable steel according to ATLANTA-Standard
- ⊗ Ground on all sides after hardening

For information on mounting racks, see page C-92.

To achieve precision rack joints, we recommend our patented rack assembly kit, see page C-96. For lubrication of racks & pinions, we recommend our electronic lubrication systems, see Chapter D. For the calculation and selection of the rack & pinion drive, see pages C-44 to C-55.

For screws for rack mounting, see page C- 95.

ATLANTA Quality 10



Order Code	Module	L_1	N° of Teeth	$b^{+0.4}$	h_k	h_0	f	a	l	N° of Holes	h	d_1	d_2	t	a_1	l_1	d_3	kg
39 81 100	8	960.00	36	80	79	71	2.5			without mounting holes								42.50
39 81 200	8	1920.00	72	80	79	71	2.5			without mounting holes								85.00
39 11 100	10	1000.00	30	100	99	89	2.5			without mounting holes								68.72
39 13 100	12	1000.00	25	120	120	108	2.5			without mounting holes								120.00

Total Pitch Error: $GT_f/1000 \leq 0.200 \text{ mm}$
 $GT_f/2000 \leq 0.400 \text{ mm}$

- ⊗ Teeth hardened with the ATLANTA High-Performance hardening process and ground
- ⊗ Heat-treatable steel according to ATLANTA-Standard
- ⊗ Backside machined, profile blasted

For information on mounting racks, see page C-92.

To achieve precision rack joints, we recommend our patented rack assembly kit, see page C-96. For lubrication of racks & pinions, we recommend our electronic lubrication systems, see Chapter D. For the calculation and selection of the rack & pinion drive, see pages C-44 to C-55.

For screws for rack mounting, see page C- 95.