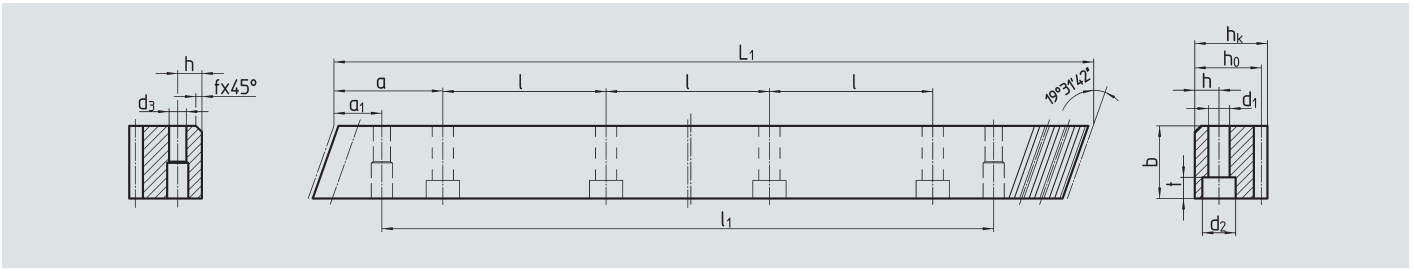



ATLANTA Quality 8



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	
38 21 050 ²⁾	2	500.00	75	25	24	22	2	62.5	125	4	8	7	11	7	31.7	436.6	5.7	2.10
38 21 100	2	1000.00	150	25	24	22	2	62.5	125	8	8	7	11	7	31.7	936.6	5.7	4.30
38 20 100	2	1000.00	150	25	24	22	2	without mounting holes										4.30
38 21 200	2	2000.00	300	25	24	22	2	62.5	125	16	8	7	11	7	31.7	1936.6	5.7	8.60
38 20 200	2	2000.00	300	25	24	22	2	without mounting holes										8.60
38 31 050 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
38 31 100	3	1000.00	100	30	29	26	2	62.5	125	8	9	10	15	9	35.0	930.0	7.7	6.10
38 30 100	3	1000.00	100	30	29	26	2	without mounting holes										6.10
38 31 200	3	2000.00	200	30	29	26	2	62.5	125	16	9	10	15	9	35.0	1930.0	7.7	12.20
38 30 200	3	2000.00	200	30	29	26	2	without mounting holes										12.20
38 41 100	4	1000.00	75	40	39	35	2	62.5	125	8	12	10	15	9	33.3	933.4	7.7	10.90
38 40 100	4	1000.00	75	40	39	35	2	without mounting holes										10.90
38 41 200	4	2000.00	150	40	39	35	2	62.5	125	16	12	10	15	9	33.3	1933.4	7.7	21.80
38 40 200	4	2000.00	150	40	39	35	2	without mounting holes										21.80

2) Due to the screw connection, the feed force is maximum 50 % of the value for racks with L₁ = 1,000 mm

Total Pitch Error: $GT_f / 500 \leq 0.050 \text{ mm}$
 $GT_f / 1000 \leq 0.100 \text{ mm}$
 $GT_f / 2000 \leq 0.200 \text{ mm}$

- ⊗ Teeth milled, quenched & tempered
- ⊗ Heat-treatable steel according to ATLANTA-Standard
- ⊗ Backside machined

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.