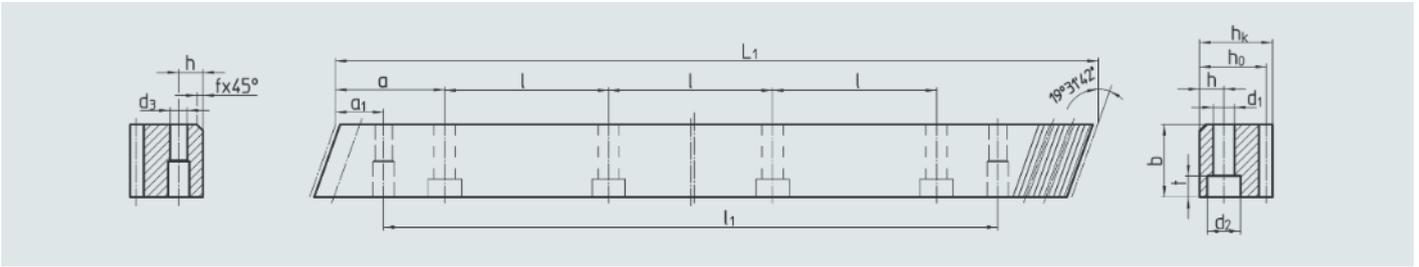


ATLANTA Quality 6



Order Code	Module	L ₁	N° of Teeth z	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
29 20 050 ²⁾	2	500.00	75	24	24	22	2	62.5	125	4	8	7	11	7	31.7	436.6	5.7	2.10
29 21 050	2	500.00	75	24	24	22	2	without mounting holes										2.10
29 20 100	2	1000.00	150	24	24	22	2	62.5	125	8	8	7	11	7	31.7	936.6	5.7	4.10
29 21 100	2	1000.00	150	24	24	22	2	without mounting holes										4.10
29 30 050 ²⁾	3	500.00	50	29	29	26	2	62.5	125	4	9	10	15	9	35.0	430.0	7.7	2.90
29 31 050	3	500.00	50	29	29	26	2	without mounting holes										2.90
29 30 100	3	1000.00	100	29	29	26	2	62.5	125	8	9	10	15	9	35.0	930.0	7.7	5.90
29 31 100	3	1000.00	100	29	29	26	2	without mounting holes										5.90
29 40 050 ¹⁾²⁾	4	506.67	38	39	39	35	2	62.5	125	4	12	10	15	9	33.3	433.0	7.7	5.40
29 31 050	4	506.67	38	39	39	35	2	without mounting holes										5.40
29 40 100	4	1000.00	75	39	39	35	2	62.5	125	8	12	10	15	9	33.3	933.4	7.7	10.70
29 41 100	4	1000.00	75	39	39	35	2	without mounting holes										10.70
29 42 100	4	1000.00	75	39	39	35	2	62.5	125	8	12	14	20	13	33.3	933.4	11.7	10.70

- 1) This rack can only be used for continuous linking with the left side (see sketch).
- 2) Due to the screw connection, the feed force is max. 50 % of the value for racks with L₁ = 1,000 mm

Total Pitch Error: $GT_f / 500 \leq 0.026 \text{ mm}$
 $GT_f / 1000 \leq 0.034 \text{ mm}$

- ⊗ 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.