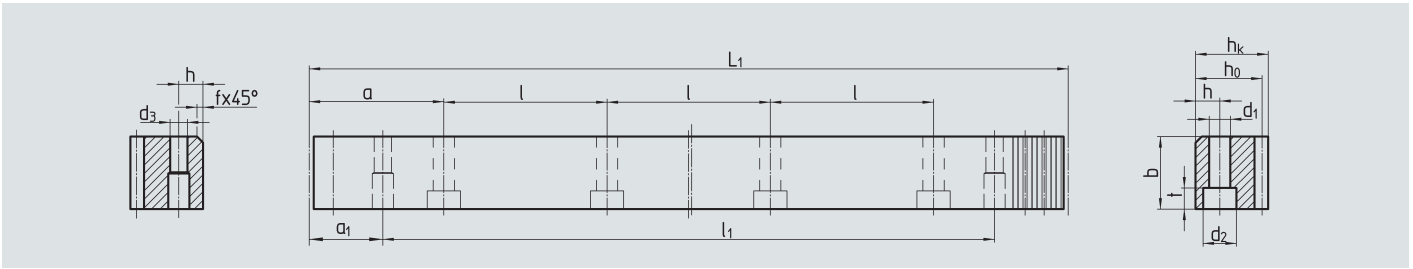


ATLANTA Quality 7



Order Code	Module	L <sub>1</sub>	N° of Teeth z	b <sup>+0.4</sup>	h <sub>k</sub>	h <sub>0</sub>	f	a	l	N° of Holes	h	d <sub>1</sub>	d <sub>2</sub>	t	a <sub>1</sub>	l <sub>1</sub>	d <sub>3</sub>	kg
28 20 107	2	1005.30	160	24	24	22	2	62.8	125.66	8	8	7	11	7	31.4	942.7	5.7	4.20
28 20 207	2	2010.60	320	24	24	22	2	62.8	125.66	16	8	7	11	7	31.4	1948.0	5.7	8.40
28 30 107	3	1017.90	108	29	29	26	2	63.6	127.23	8	9	10	15	9	34.4	949.1	7.7	6.00
28 30 207	3	2035.70	216	29	29	26	2	63.6	127.23	16	9	10	15	9	34.4	1967.0	7.7	12.00
28 40 107	4	1005.30	80	39	39	35	2	62.8	125.66	8	12	14	20	13	37.5	930.3	11.7	10.50
28 40 207	4	2010.60	160	39	39	35	2	62.8	125.66	16	12	14	20	13	37.5	1935.6	11.7	21.00
28 50 107	5	1005.30	64	49	39	34	2.5	62.8	125.66	8	12	14	20	13	30.1	945.0	11.7	13.40
28 50 207	5	2010.60	128	49	39	34	2.5	62.8	125.66	16	12	14	20	13	30.1	1950.4	11.7	26.80

Other lengths and without mounting holes available on request

**Total Pitch Error:**  $GT_f/1000 \leq 0.052 \text{ mm}$   
 $GT_f/2000 \leq 0.068 \text{ mm} (\approx 0.034 \text{ mm} / 1000)$

- ⊗ 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.