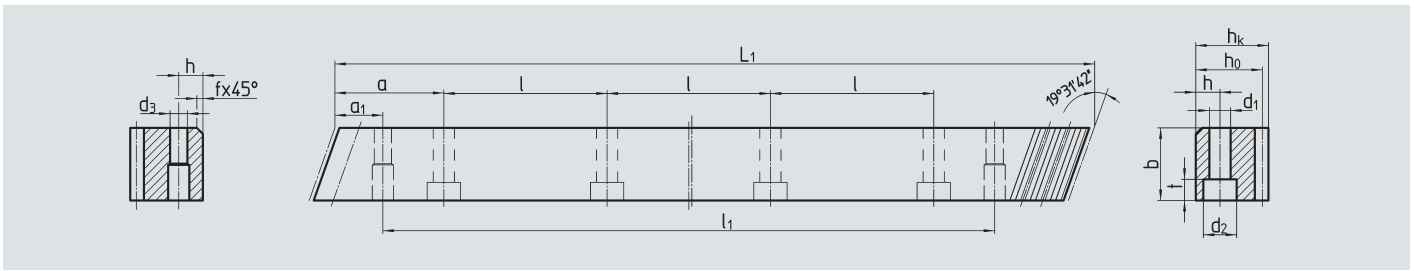


ATLANTA Quality 8



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	kg
29 20 108	2	1000.00	150	24	24	22	2	62.5	125	8	8	7	11	7	31.7	936.6	5.7	4.12
29 20 158	2	1500.00	225	24	24	22	2	62.5	125	12	8	7	11	7	31.7	1436.6	5.7	6.15
29 20 208	2	2000.00	300	24	24	22	2	62.5	125	16	8	7	11	7	31.7	1936.6	5.7	8.00
29 30 108	3	1000.00	100	29	29	26	2	62.5	125	8	9	10	15	9	35.0	930.0	7.7	5.70
29 30 158	3	1500.00	150	29	29	26	2	62.5	125	12	9	10	15	9	35.0	1430.0	7.7	8.90
29 30 208	3	2000.00	200	29	29	26	2	62.5	125	16	9	10	15	9	35.0	1930.0	7.7	11.20
29 40 108	4	1000.00	75	39	39	35	2	62.5	125	8	12	14	20	13	33.3	933.4	11.7	10.10
29 40 158 ¹⁾	4	1506.67	113	39	39	35	2	62.5	125	12	12	14	20	13	33.3	1433.4	11.7	16.00
29 40 208	4	2000.00	150	39	39	35	2	62.5	125	16	12	14	20	13	33.3	1933.4	11.7	20.16
29 50 108	5	1000.00	60	49	39	34	2.5	62.5	125	8	12	14	20	13	37.5	925.0	11.7	13.00
29 50 208	5	2000.00	120	49	39	34	2.5	62.5	125	16	12	14	20	13	37.5	1925.0	11.7	24.52
29 60 108	6	1000.00	50	59	49	43	2.5	62.5	125	8	16	18	26	17	37.5	925.0	15.7	18.25
29 60 208	6	2000.00	100	59	49	43	2.5	62.5	125	16	16	18	26	17	37.5	1925.0	15.7	36.20

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

Other lengths and without mounting holes on request

Total Pitch Error: $GT_f/1000 \leq 0.060 \text{ mm}$
 $GT_f/1500 \leq 0.072 \text{ mm} (\triangleq 0.048 \text{ mm} / 1000)$
 $GT_f/2000 \leq 0.078 \text{ mm} (\triangleq 0.039 \text{ mm} / 1000)$

- ⊗ 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.