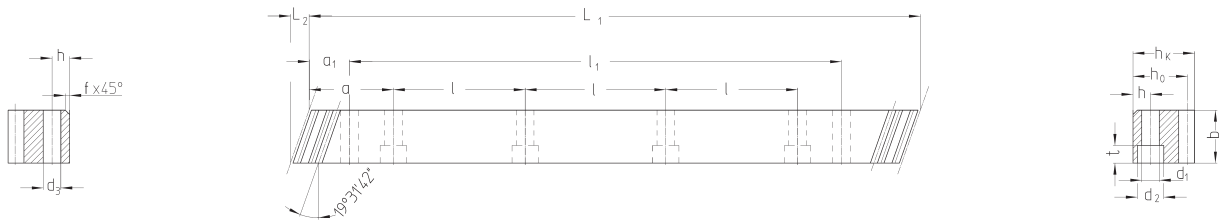
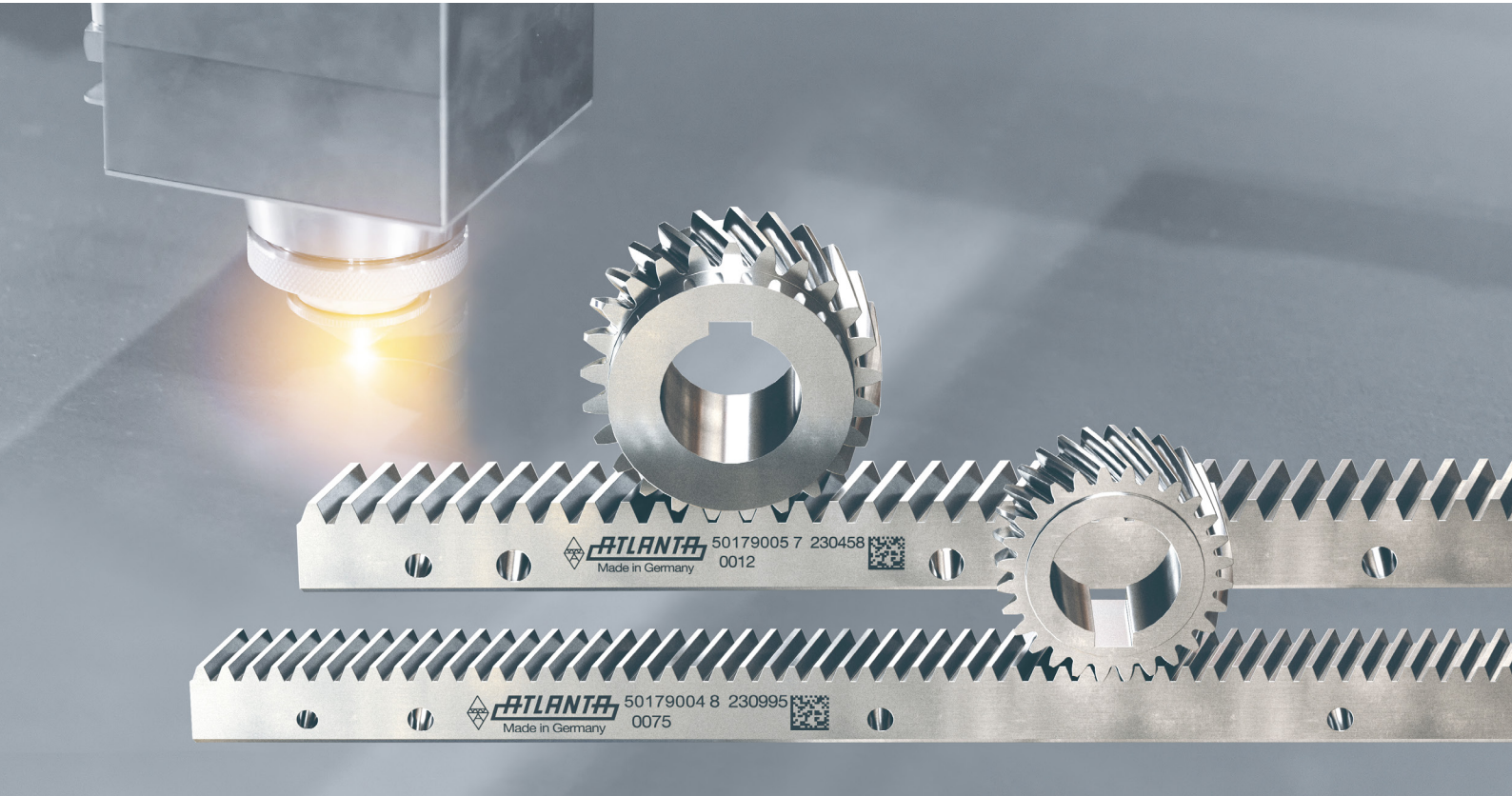


New UHPR Racks from ATLANTA

ATLANTA is pleased to announce a new range of Ultra High Precision Racks (UHPR), which combines very low pitch deviation and tooth thickness to ensure high positioning accuracy and minimum backlash.

They were developed especially for applications requiring precise positioning with high repeatability, such as laser cutting and aluminum profile processing machines.

When used in combination with ATLANTA's pinions and precision servo reducers, an extremely precision axis drive can be achieved. Trust in the rack and pinion drive "Made by ATLANTA"



Order code	Module	L_1	L_2	N° of teeth	b	h_k	h_0	f	a	l	N° of holes	h	d_1	d_2	t	a_1	l_1	d_3	kg
5 01 79 004	2	1000,00	8.5	150	24	24	22	2.0	62.5	125	8	8	7	11.0	7	31.7	936.6	5.7	4.10
5 01 79 005	3	1000,00	10.3	100	29	29	26	2.0	62.5	125	8	9	10	15.0	9	35.0	930.0	7.7	5.90

Features of the New UHPR Racks

- Max. Feed Force 15.5 kN for module 2.0 and 28.5 kN for module 3.0
- Total Pitch Error $GT_f/1000 = \pm 0.030$ mm
- Tooth Thickness Tolerance - 0.015 mm
- Case hardening steel to ATLANTA standard for maximum hardness and high resistance against wear
- Teeth hardened with the ATLANTA high-performance hardening process
- Rack profile ground on all sides for maximum precision and minimal linear play