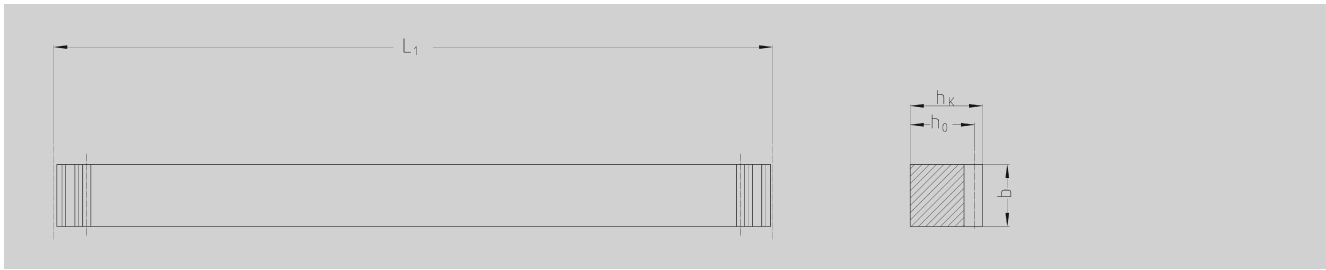




Quality 10



Order Code	Module	L ₁	N° of Teeth	b	h _k	h ₀	Remarks	kg
27 10 025	1	251.33	80	15	15	14	Square dimension	0.41
27 10 050	1	499.51	159	15	15	14	Square dimension	0.82
27 10 100	1	999.03	318	15	15	14	Square dimension	1.64
27 15 025	1.5	249.76	53	17	17	15.5	Square dimension	0.51
27 15 050	1.5	499.51	106	17	17	15.5	Square dimension	1.03
27 15 100	1.5	999.03	212	17	17	15.5	Square dimension	2.06
27 15 200	1.5	1998.05	424	17	17	15.5	Square dimension	4.11
27 20 025	2	251.33	40	20	20	18	Square dimension	0.71
27 20 050	2	502.65	80	20	20	18	Square dimension	1.41
27 20 100	2	999.03	159	20	20	18	Square dimension	2.81
27 20 150	2	1507.96	240	20	20	18	Square dimension	4.25
27 20 200	2	1998.05	318	20	20	18	Square dimension	5.62
27 20 300	2	3015.93	480	20	20	18	Square dimension	8.49
27 25 025	2.5	251.33	32	25	25	22.5	Square dimension	1.10
27 25 050	2.5	502.65	64	25	25	22.5	Square dimension	2.21
27 25 100	2.5	997.46	127	25	25	22.5	Square dimension	4.38
27 25 200	2.5	2002.77	255	25	25	22.5	Square dimension	8.80
27 30 025	3	254.47	27	30	30	27	Square dimension	1.61
27 30 051	3	508.94	54	30	30	27	Square dimension	3.22
27 30 101	3	1017.88	108	30	30	27	Square dimension	6.44
27 30 150	3	1526.81	162	30	30	27	Square dimension	9.66
27 30 201	3	2035.75	216	30	30	27	Square dimension	12.88
27 30 300	3	3053.63	324	30	30	27	Square dimension	19.32
27 40 025	4	251.33	20	40	40	36	Square dimension	2.83
27 40 050	4	502.65	40	40	40	36	Square dimension	5.65
27 40 100	4	1005.31	80	40	40	36	Square dimension	11.31
27 40 150	4	1507.96	120	40	40	36	Square dimension	19.97
27 40 201	4	2010.62	160	40	40	36	Square dimension	22.61
27 40 300	4	3015.93	240	40	40	36	Square dimension	33.93

Total pitch error $GT_f/1000 \leq 0.200$ mm.

- Milled teeth and induction hardened
- Material C45
- Bright steel

Mounting racks see page ZF-2.

To achieve precision rack joints, we recommend our patented rack assembly kit, see page ZF-4.

For lubrication of rack & pinions we recommend our automatic lubrication systems, see page ZE-1.

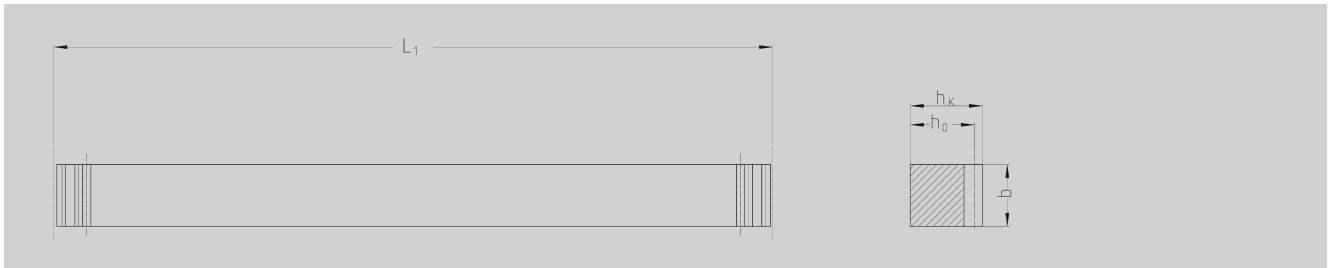
For the calculation and selection of the rack & pinion drive, see page ZD-1.

Screws for rack mounting see page ZF-3.





Quality 10



Order Code	Module	L ₁	N° of Teeth	b	h _k	h ₀	Remarks	kg
27 50 025	5	251.33	16	50	40	35	Not square dimension	3.44
27 50 050	5	502.65	32	50	40	35	Not square dimension	6.87
27 50 100	5	1005.31	64	50	40	35	Not square dimension	13.74
27 50 150	5	1507.96	96	50	40	35	Not square dimension	20.40
27 50 200	5	2010.62	128	50	40	35	Not square dimension	27.48
27 52 100	5	1005.31	64	50	50	45	Square dimension	17.10
27 52 200	5	2010.62	128	50	50	45	Square dimension	34.20
27 60 051	6	508.94	27	60	50	44	Not square dimension	10.49
27 60 101	6	1017.88	54	60	50	44	Not square dimension	20.99
27 60 201	6	2035.75	108	60	50	44	Not square dimension	41.97
27 62 101	6	1017.88	54	60	60	54	Square dimension	25.00
27 62 201	6	2035.75	108	60	60	54	Square dimension	50.00
27 80 100	8	1005.31	40	80	79.5	71.5	Square dimension	44.63
27 80 200	8	2010.62	80	80	79.5	71.5	Square dimension	89.26
27 11 100	10	1005.30	32	100	100	90	Square dimension	70.60

Total pitch error $GT_f/1000 \leq 0.200$ mm.

- Milled teeth and induction hardened
- Material C45
- Bright steel

Mounting racks see page ZF-2.



To achieve precision rack joints, we recommend our patented rack assembly kit, see page ZF-4.

For lubrication of rack & pinions we recommend our automatic lubrication systems, see page ZE-1.

For the calculation and selection of the rack & pinion drive, see page ZD-1.

Screws for rack mounting, see page ZF-3.