

# ZRD POWER

Racks suitable for continuous munting 可连续安装齿条

Racks with ground finished faces 齿条各面磨光处理

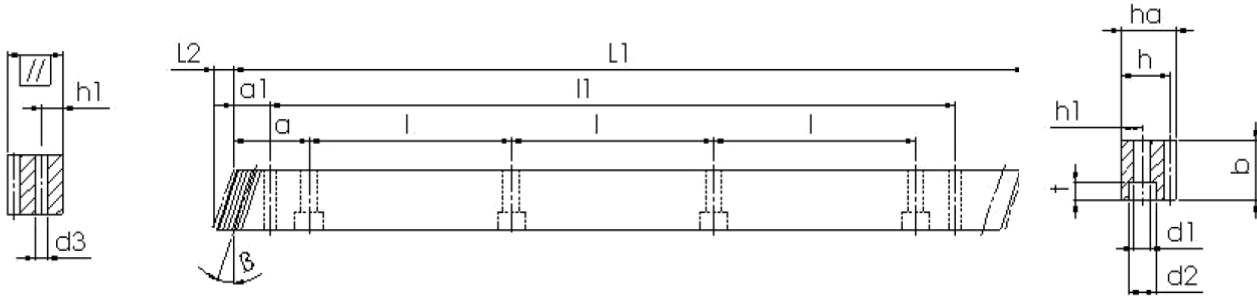
The quality grade of the toothing is from 8-9 DIN 3962/63/67 铣齿等级8-9 DIN 3962/63/67

Helical teeth Rack 斜齿条

Helix angle 19°31'42" right hand 右方向 螺旋角 19°31'42"

Pressure angle  $\alpha=20^\circ$  压力角 20°

Material: C45 材质 C45

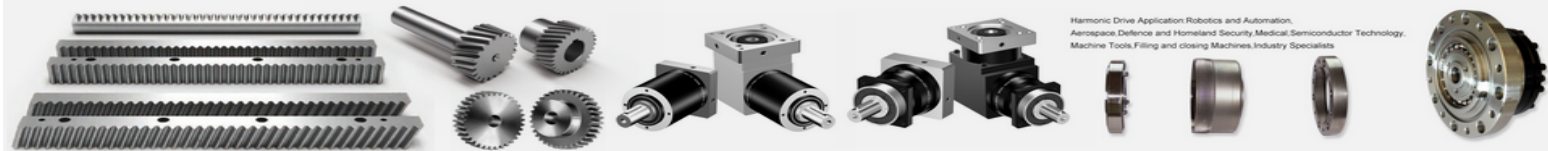


Module	L <sub>1</sub>	L <sub>2</sub>	Z	b	h <sub>a</sub>	h <sub>f</sub>	f <sup>+0.5</sup>	a	l	h <sub>1</sub>	d <sub>1</sub>	d <sub>2</sub>	t	a <sub>1</sub>	l <sub>1</sub>	d <sub>3</sub>	kg	Code	
2	500.00	8.9	75	25	24.75	22.75	2	62.5	125	8	7	11	7	31.7	436.6	5.7	2.20	ZRD145-020-205	
2	500.00	8.9	75	25	24.75	22.75	2										2.20	ZRD145-020-105	without bores
2	1000.00	8.9	150	25	24.75	22.75	2	62.5	125	8	7	11	7	31.7	936.6	5.7	4.40	ZRD145-020-210	
2	1000.00	8.9	150	25	24.75	22.75	2										4.40	ZRD145-020-110	without bores
2	2000.00	8.9	300	25	24.75	22.75	2	62.5	125	8	7	11	7	31.7	1936.6	5.7	8.80	ZRD145-020-220	
2	2000.00	8.9	300	25	24.75	22.75	2										8.80	ZRD145-020-120	without bores
3	500.00	10.6	50	30	29.75	26.75	2	62.5	125	9	10	15	9	35	430	7.7	3.10	ZRD145-030-205	
3	500.00	10.6	50	30	29.75	26.75	2										3.10	ZRD145-030-105	without bores
3	1000.00	10.6	100	30	29.75	26.75	2	62.5	125	9	10	15	9	35	930	7.7	6.20	ZRD145-030-210	
3	1000.00	10.6	100	30	29.75	26.75	2										6.20	ZRD145-030-110	without bores
3	2000.00	10.6	200	30	29.75	26.75	2	62.5	125	9	10	15	9	35	1930	7.7	12.50	ZRD145-030-220	
3	2000.00	10.6	200	30	29.75	26.75	2										12.50	ZRD145-030-120	without bores
4	506.67	14.5	38	40	39.70	35.70	3	62.5	125	12	10	15	9	33.3	433	7.7	5.60	ZRD145-040-205	
4	506.67	14.5	38	40	39.70	35.70	3										5.60	ZRD145-040-105	without bores
4	1000.00	14.2	75	40	39.70	35.70	3	62.5	125	12	10	15	9	33.3	933.4	7.7	11.10	ZRD145-040-210	
4	1000.00	14.2	75	40	39.70	35.70	3										11.10	ZRD145-040-110	without bores
4	2000.00	14.2	150	40	39.70	35.70	3	62.5	125	12	10	15	9	33.3	1933.4	7.7	22.20	ZRD145-040-220	
4	2000.00	14.2	150	40	39.70	35.70	3										22.20	ZRD145-040-120	without bores
5	1000.00	17.7	60	50	39.70	34.70	3	62.5	125	12	14	20	13	37.5	925	11.7	13.26	ZRD145-050-210	
5	1000.00	17.7	60	50	39.70	34.70	3										13.26	ZRD145-050-110	without bores
5	2000.00	17.7	120	50	39.70	34.70	3	62.5	125	12	14	20	13	37.5	1925	11.7	26.52	ZRD145-050-220	
5	2000.00	17.7	120	50	39.70	34.70	3										26.52	ZRD145-050-120	without bores
6	1000.00	21.3	50	60	49.70	43.70	3	62.5	125	16	18	26	17	37.5	925	15.7	20.12	ZRD145-060-210	
6	1000.00	21.3	50	60	49.70	43.70	3										20.12	ZRD145-060-110	without bores
6	2000.00	21.3	100	60	49.70	43.70	3	62.5	125	16	18	26	17	37.5	1925	15.7	40.24	ZRD145-060-220	
6	2000.00	21.3	100	60	49.70	43.70	3										40.24	ZRD145-060-120	without bores
8	960.00	28.4	36	80	79.60	71.60	3	60.0	120	25	25	33	21	120	720	19.7	44.85	ZRD145-080-210	
8	960.00	28.4	36	80	79.60	71.60	3										44.85	ZRD145-080-110	without bores
8	1920.00	28.4	72	80	79.60	71.60	3	60.0	120	25	25	33	21	120	1680	19.7	89.71	ZRD145-080-220	
8	1920.00	28.4	72	80	79.60	71.60	3										89.71	ZRD145-080-120	without bores
10	1000.00	35.5	30	100	99.00	89.00	3	62.5	125	32	33	48	32	125	750	19.7	69.80	ZRD145-100-210	
10	1000.00	35.5	30	100	99.00	89.00	3										69.80	ZRD145-100-110	without bores

Z: number of teeth 齿数

Dimensions in mm

## Customer Success, Innovation, Excellence, Integrity, Individual responsibility



Harmonic Drive Application Robotics and Automation,  
Aerospace Defense and Homeland Security Medical Semiconductor Technology,  
Machine Tools Filing and closing Machines Industry Specialists