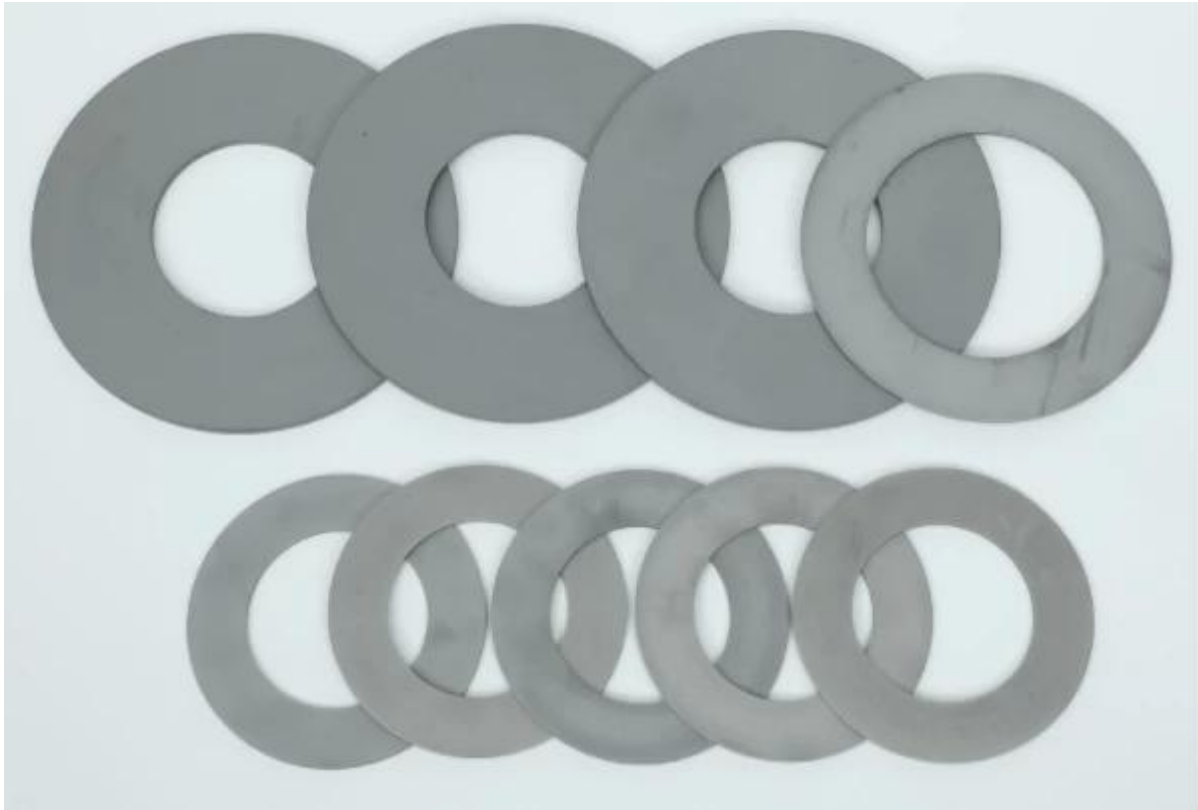


In recent years, with the vigorous development of the new-energy lithium battery industry and the accelerating pace of technological innovation, the slitting requirements for lithium battery products are increasingly high, such as service life, product quality, etc., ordinary high-speed steel saw blades have been unable to meet the daily processing needs, and carbide circle blades with higher hardness, strength and better wear resistance have been more and more widely used.

Carbide Circular blade cutter are mainly used in electrode and diaphragm industries of lithium batteries, and are important cutters in battery electrode and diaphragm cutters. Grand Sea Cemented Carbide, relying on the strong technical research and development strength of Grand Sea Tungsten Industry and professional technical team, adopts various processing technologies, supply various conditions, stable quality of the carbide cutter materials to meet the requirement of customers.

### Grade Recommendation:

材质名称	WC	CO	晶粒度	比重	硬度	抗折力
(Grade)	(%)	(%)	Grain size ( $\mu\text{m}$ )	Density ( $\text{g}/\text{cm}^3$ ) $\pm 0.1$	Hardness (HRA) $\pm 0.5$	TRS ( $\text{kgf}/\text{mm}^2$ )
H10S	90	10	0.6	14.4	92.1	>350
H12U	88	12	0.4	14.25	92.5	>350
HG5	88	12	1.2	14.3	89	>280
HGF20	88.5	11.5	0.8	14.25	91	>320
HGF31	84	15	0.8	13.9	90.4	>350



#### Grand Sea Advantage:

1. Complete tungsten industry chain, stable quality
- 2, the tolerance is controlled within  $10\mu$ , the inner and outer diameter tolerance is less than other manufacturers in the same line
3. Large scale, sufficient production capacity, independent operation of segmented products;
4. Professional sales and technical team, quick response
5. Professional R & D technical team can cooperate with customers for new product research and development to provide the best solutions.