

Grand Sea tungsten carbide cutting Disc size from from 13mm to 320mm in diameter with a thickness range of 0.25mm to 5mm.

Application: For making circular blades and rotary cutters servicing film and foil, paper cutting, food processing and other applications.

**Grade Recommendation:**

| 材质名称<br>(Grade) | WC<br>(%) | CO<br>(%) | 晶粒度                             | 比重  | 硬度                          | 抗折力                                 |
|-----------------|-----------|-----------|---------------------------------|---|-----------------------------|-------------------------------------|
|                 |           |           | Grain size<br>( $\mu\text{m}$ ) | Density<br>( $\text{g}/\text{cm}^3$ ) $\pm 0.1$ | Hardness<br>(HRA) $\pm 0.5$ | TRS<br>( $\text{kgf}/\text{mm}^2$ ) |
| H12U-T          | 88        | 12        | 0.3                             | 14.2  | 93                          | >350                                |
| H12U            | 88        | 12        | 0.4                             | 14.25   | 92.5                        | >350                                |
| H08U-K          | 92        | 8         | 0.4                             | 14.7  | 93.2                        | >380                                |
| H10S            | 90        | 10        | 0.6                             | 14.4  | 92.1                        | >350                                |
| H12S            | 88        | 12        | 0.6                             | 14.25   | 91.5                        | >350                                |
| HGF20           | 88.5      | 11.5      | 0.8                             | 14.25   | 91                          | >320                                |
| HC4             | 92        | 8         | 1                               | 14.7  | 92                          | >240                                |
| HG5             | 88        | 12        | 1.2                             | 14.3  | 89                          | >280                                |
| HG6             | 85.5      | 14.5      | 2                               | 14  | 86.5                        | >300                                |