

YINGLONG SUPERHARD MATERIALS MANUFACTORY

DIAMOND GRINDING WHEELS FOR SEMICONDUCTOR INDUSTRY

Diamond Grinding Wheels (金剛石砂輪)

In Front of the Original Semiconductor Processing, Grinding, Thinning and Polishing of the Wafer Substrate, a Wide Variety of Diamond Grinding Wheel would be Used.

Based on Various Types of Wafer Materials, like Sapphire Substrate, SiC Substrate, GaAs Substrate, Silicon Substrate, Different Diamond Grinding Wheels would be Chosen, such as Diamond Vitrified Grinding Wheels, Metal Grinding Wheels, Resin Grinding Wheels.

In the Process of Machining, "HeroHome" Diamond Grinding Wheels are with Long Life, Advantageous Grinding and Thinning Result, Great Extent to Meet the Industry Machining Accuracy and Surface Finish Requirements for Optical Industry and Solve the Weakness of Machining Scratches on the Wafer Surface.

By Long Time Exploring, "HeroHome" Grinding Wheels could be Installed and Used in the Japanese, South Korean, Germany Grinders and Replace the Imported Grinding Wheels. As a Factory, "HeroHome" not only Produces the Grinding Wheels as the Regular Model, but also could Produce as Customer Design.



半導體行業砂輪

在半導體原件的加工中，晶圓基板的減薄研磨需要用到各種各樣的金剛石砂輪。根據基板材料不同，相應的金剛石砂輪的配方也不同。在磨削藍寶石基板、碳化矽基板、砷化鎵基板、矽基板等的過程中，常用的砂輪有金剛石陶瓷結合劑砂輪、金剛石金屬結合劑砂輪和金剛石樹脂結合劑砂輪。

"英隆"生產的金剛石具有使用壽命長，磨削效果好等特點，克服了工件磨削過程表面易劃傷的缺點，極大程度上滿足了光學元件加工行業對於基板精度和表面光潔度的高要求。我司生產的砂輪可替代進口產品，並在日本、韓國、德國以及國產的磨床上具有良好的表現。我們不但能夠生產和提供常規規格的砂輪，還可根據客戶的要求定制。



YingLong(HeroHome) SuperHard Materials Manufactory

Address: Modern Industrial Zone, Lin Tong District, Xi'an, China.

Fax: +86-29-83354775/83852230

Phone: +86-29-63354776/83851636

Email: Sales@cnHeroHome.com Export@cnHeroHome.com

Web: Http://www.HeroHome.com.cn

ZIP Code: 710600



PRODUCTS

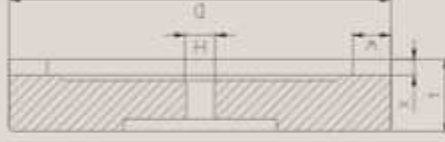
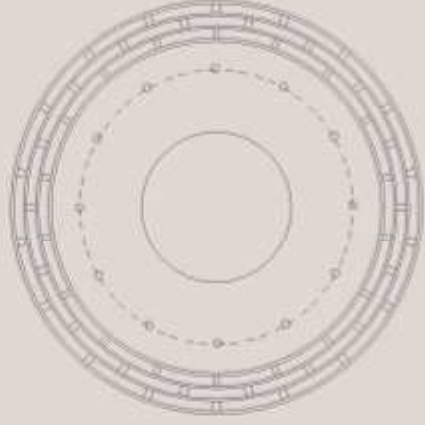
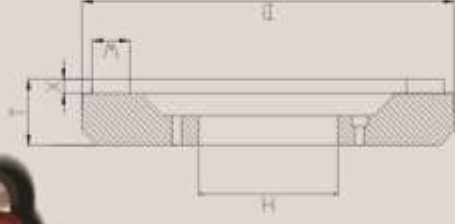
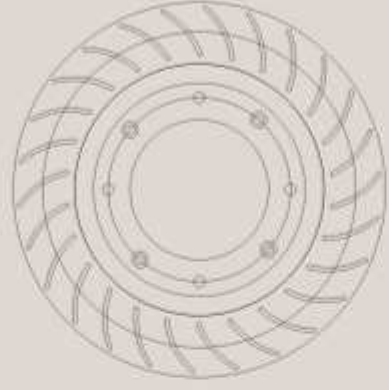
YINGLONG SUPERHARD MATERIALS MANUFACTORY

DIAMOND GRINDING WHEELS FOR SEMICONDUCTOR INDUSTRY

Grinding Wheels For LED Wafer

With the New Technology in LED Manufacture Field, New Skills for Higher Productivity, Thinning & Lapping, are also being Evolved. "HeroHome" Diamond Vitrified Grinding Wheels are Designed and Used for Grinding LED Sapphire with very Good Surface Finishes.

隨著LED行業技術的發展,各種新工藝不斷出現,其中減薄和拋光工藝也得到了空前發展;金剛石陶瓷砂輪設計并應用於磨削藍寶石基板,使其獲得非常好的光潔度。





MAIN

PRODUCTS

YINGLONG SUPERHARD MATERIALS MANUFACTORY

DIAMOND GRINDING WHEELS FOR SEMICONDUCTOR INDUSTRY

Grinding Wheels For SIC & GaAs Wafer

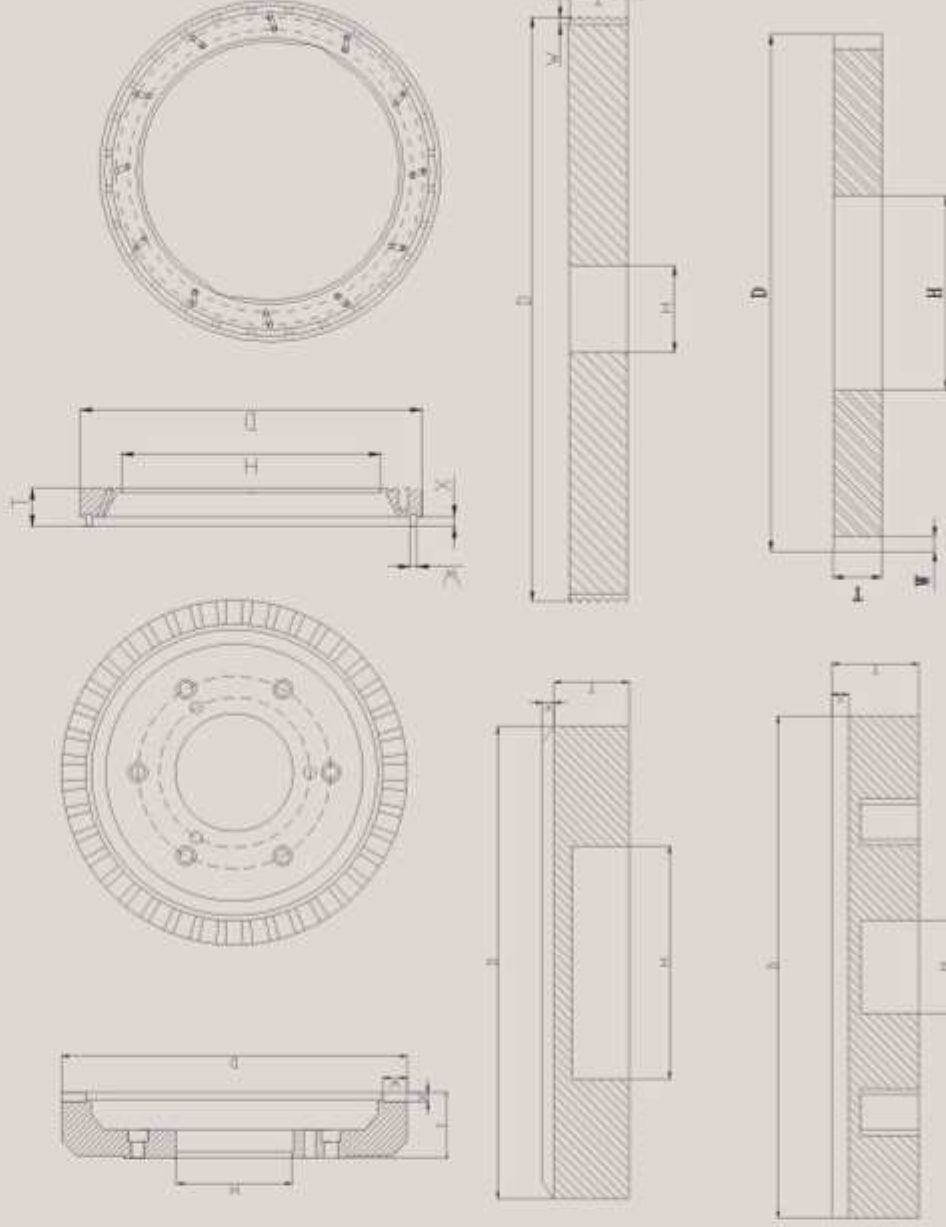
The Grinding Wheels We Provide for Semiconductor Industry are Mainly Used for Thinning and Fine Grinding of the Silicon Wafer, Gallium Arsenide and GaAs Wafer.



The Selection of a Grinding Wheel Determines Vital Parameters of Grinding. The Speed, Feed, the Surface Finish, the Material Removal Rate, and the Final Thickness that can be Achieved are All Dependent on the Choice of the Grinding Wheel and the Grit Size. The Grinding Wheels are Classified by the Grit Size and the Type of Bonding in which the Diamonds are Impregnated. The Grit Sizes Vary from Mesh 100#-700# for a Coarse or Rough Grinding Wheel and for a Fine Grinding the Grit Size Vary from Mesh 1000# - 8000#.

我們為半導體行業提供的砂輪主要用於矽片、砷化鎵及氮化鎵砂片的減薄和拋光。

砂輪的選擇決定了磨削的其他重要參數。速度、進刀量、表面光潔度、材料去除率和最終可以達到的厚度都取決於砂輪及粒度的選擇。砂輪按照細微性及結合劑的種類進行分類。其中，100#-700#用於粗磨，1000#-8000#用於精磨。



YINGLONG SUPERHARD MATERIALS MANUFACTORY

DIAMOND GRINDING WHEELS FOR SEMICONDUCTOR INDUSTRY

Diamond Dicing Blade (金刚石切割片)



Our Application Expertise Encompasses a Broad Range of Electronic Materials including Mono Crystalline and Poly Crystalline Silicon, Sapphire, Quartz, Specialty Glasses, and a Variety of other Hard Compounds and Ceramics. Whether Your Concern is Part Quality or Productivity, "HEROHOME" Dicing Blades Step up to the Challenge.

Our Standard and Custom Specifications are Available in a Variety of Bond, Hardness and Diamond or Cubic Boron Nitride (CBN) Grain Sizes to Meet Your Material Removal, Heometry, Chipping, and Surface Finish Requirements. We also Offer the Broadest Range of Blade Sizes and Bond Systems Including Sintered and Plated Metal as Well as Resin for Maximum Engineering Flexibility.

“英隆”生產的切割片廣泛的應用在各類電子材料製備中，包括單晶/多晶矽、藍寶石、水晶、特殊玻璃和其他硬質化合物和陶瓷材料。不論您擔心的是品質還是效率，“英隆”的切割片都能解決。

我們的產品可以滿足您在多餘材料的去除、幾何形狀、切削和表面精磨的需求，並且標準化、定制化了金剛石和CBN磨料的結合劑、硬度和粒度。同時我們還提供最全面的刀片尺寸和結合劑系統，包括金屬結合劑、樹脂結合劑和電鍍結合劑來使技術的靈活性最大化。



Diamond Polishing Slurries (金剛石拋光液和微粉)

Diamond Polishing Slurries Mainly Used in Grinding of Sapphire Substrate, Back Thinning of the LED Chip, Optical Crystal Grinding and Polishing, and also other Materials such as Hard Disk Heads.

主要應用於藍寶石襯底的研磨、LED晶片的背部減薄、光學晶體以及硬盤磁頭等的研磨和拋光。



CONTACT US

YingLong(HeroHome) SuperHard Materials ManuFactory

Address: Modern Industrial Zone, LinTong District, Xi'An, CHINA.

Fax: +86-29-63354775/83879696 ZIP Code: 710600

Web: Http://www.HeroHome.com.cn Http://www.cnHeroHome.com

General Office:

Phone: +86-29-83851636/83879696 Fax: +86-29-83852230

Email: Info@cnHeroHome.com HeroHome.Info@Gmail.com

Commercial Department:

Phone: +86-29-63354775 Cell: +86-(0)13572451944

Email: Sales@cnHeroHome.com HeroHome.Sales@Gmail.com

Export Department:

Phone: +86-29-63354776 Cell: +86-(0)18602928387

Email: Export@cnHeroHome.com HeroHome.Export@Gmail.com

Technical Department:

Phone: +86-29-83855677

Email: Tech@cnHeroHome.com HeroHome.Tech@Gmail.com

