



D2 610mm Length Industry Round Cutting Blade For Printing Packaging

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: D2
- Minimum Order Quantity: MOQ 10 Pieces
- Price: Can be discussed
- Packaging Details: 1pc/wrapper, 100pcs/box, 100boxes/ctn, Wooden and carbon boxes
- Delivery Time: 30 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 500 Piece/Pieces per Day



Product Specification

- Product Name: Industry Round Cutting Blade
- Material: D2
- Hardness: HRC52-80
- Precision: ± 50 Micron
- OD: 610mm
- ID: 55mm
- Thickness: 0.5mm
- Applicable Industries: Manufacturing Plant
- Highlight: d2 round cutting blade, d2 round cutting blades, 610mm round cutting blade



More Images



for more products please visit us on blade-industrial.com

Product Description

D2 610mm Length Industry Round Cutting Blade For Printing Packaging

Description:

Here are some specific recommendations for blade geometry design based on common cutting materials and processes:

- 1, Cutting soft materials (e.g., plastics, rubber, thin metals):
Choose flat or slightly convex blade edge design
Tooth pattern can be standard straight or serrated
Blade material can be high-speed steel or coated high-speed steel
- 2, Cutting medium-hardness materials (e.g., medium carbon steel, aluminum alloys):
Choose slightly convex or R-type blade edge design
Tooth pattern can be helical or wave-like
Blade material can be tungsten carbide or coated diamond
- 3, Cutting hard materials (e.g., stainless steel, alloy steels):
Choose R-type or concave blade edge design
Tooth pattern is best suited for helical or pyramidal shape
Blade material should be coated diamond or ceramic
- 4, Cutting highly ductile materials (e.g., thick metal plates, composite materials):
Choose saw-tooth or perforated blade edge design
Tooth pattern can be helical or pyramidal
Blade material should be coated diamond or ceramic
- 5, For high-speed cutting processes:
Select blade materials with good thermal conductivity
Adopt blade designs with cooling channels at the tip
Tooth pattern can have a specialized angled geometry to reduce vibration

Industrial Blade Specifications:

Product name	Industry Round Cutting Blade
Material	D2
Hardness	HRC52-80
Precision	±50 Micron
Length	610mm
Width	55mm
Thickness	0.5mm
Applicable Industries	Manufacturing Plant

When selecting the optimal tooth pattern for your cutting requirements, there are several key factors to consider:

- 1, Material hardness and toughness:
Softer materials generally work better with straight or serrated tooth patterns to avoid excessive deformation.
Harder materials benefit from angled or hooked tooth patterns that can better fracture the material.
Highly ductile materials may require specialized tooth designs like saw-tooth or pyramidal patterns to prevent material buildup.
- 2, Cutting speed and feed rate:
High-speed cutting often performs better with angled or wave-like tooth patterns to reduce vibration and chatter.
Lower speeds may allow simpler straight-edged teeth, but higher feeds may necessitate more aggressive patterns.
- 3, Part geometry and accessibility:
Complex or hard-to-reach workpiece shapes may require specialized tooth designs for effective cutting.
Internal cuts or tight clearances may favor tooth patterns that can navigate tight spaces.
- 4, Noise and surface finish requirements:
Smoother finishes are generally achieved with finer-pitched, more numerous teeth.
Coarser tooth patterns produce a rougher surface finish but may be preferred for rapid material removal.
Noise generation during cutting can be minimized by using angled or serrated tooth profiles.
- 5, Tool life and maintenance:
More aggressive tooth geometries tend to wear faster and require more frequent sharpening.
Compromise may be needed between cutting performance and tool longevity.

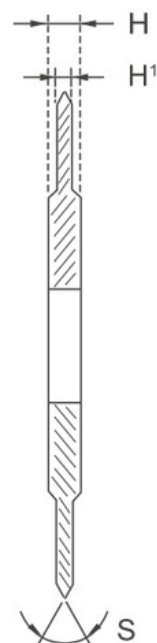
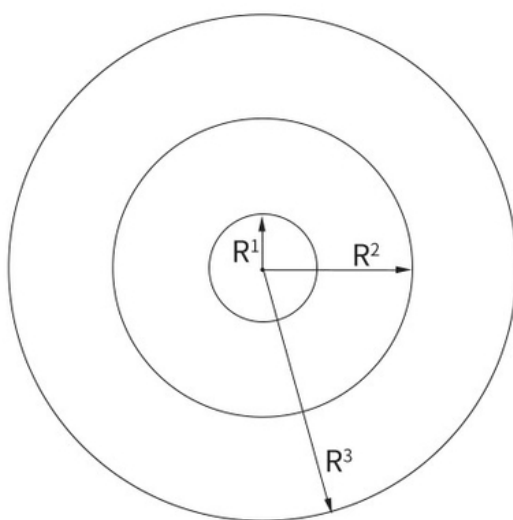
Picture:



Size:

Round knife size

Support customization and processing according to drawings



Applications:



Packing:



Jiangsu Seton Industrial Technology Co.,Ltd



+86 15852715407



alen@setonindustrial.com



blade-industrial.com

No.99 Furong Mid Three Road,Xishan Economic Development Zone.Wixi.