ROWE EQUIPMENT, INC.

Your Trusted Source for Plastics Processing Equipment & Supplies

TECHNICAL DATA SHEET

Slitter Blades

High-precision slitter blades for cutting plastic film, sheet, and web materials. Designed for clean, burr-free cuts with minimal dust generation.

SPECIFICATIONS

Specification	Details
Blade Styles	Score cut, shear cut, razor cut, crush cut
Diameter Range	1" to 12"
Bore Sizes	0.5" to 2" (standard and custom)
Thickness Range	0.010" to 0.250"
Hardness	58-65 HRC
Concentricity	Within 0.0005" TIR

AVAILABLE OPTIONS

Option	Description
Solid Round	Standard circular blades
Hub-Style	Mounted on steel hubs for easy installation
Carbide-Tipped	Carbide edge on steel body
Coated Blades	TiN, TiCN, or DLC coatings available
Razor Holders	For disposable razor blade systems

MATERIALS

Material	Properties / Applications
D2 Tool Steel	General purpose, excellent wear resistance
M2 High-Speed Steel	Heat resistance for high-speed applications

Tungsten Carbide	Maximum wear life for abrasive films
Ceramic	Clean cuts on sensitive materials
CPM 10V	Extreme wear resistance for filled films

DIMENSIONS & SIZES

Size/Type	Specifications
Small Blades	1" to 3" OD for narrow web slitting
Medium Blades	3" to 6" OD for general applications
Large Blades	6" to 12" OD for heavy-duty slitting
Custom Sizes	Any dimension to match your equipment

OEM COMPATIBILITY

Compatible with equipment from: Dienes, TKM, Tidland, Maxcess, Double E, Appleton, Converting Equipment International

APPLICATIONS

• Film slitting • Sheet cutting • Tape production • Label converting • Flexible packaging • Nonwoven processing

INDUSTRIES SERVED

• Flexible packaging • Label manufacturing • Tape production • Film converting • Medical packaging • Food packaging

ADDITIONAL NOTES

Resharpening services available. Custom blade geometries for specific applications.

Contact Rowe Equipment, Inc.

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