

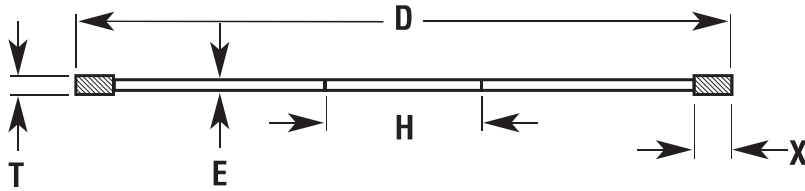
High Quality Diamond and CBN
CUT-OFF WHEELS



DIACUT
THINWHEEL™

CUT-OFF WHEELS—1A1R

(RESIN BOND/STEEL CORE)



*Special Hole Size Add €10

D	T	E	X	H*	H*	Diamond	CBN
				Inch	mm		
75mm	0.8mm	0.5mm	6mm	1 ¼	10, 20		
75mm	1.0mm	0.7mm	6mm	1 ¼	10, 20		
100mm	0.8mm	0.5mm	6mm	1 ¼	10, 20, 22, 30, 32		
100mm	1.0mm	0.7mm	6mm	1 ¼	10, 20, 22, 30, 32		
100mm	1.2mm	0.9mm	6mm	1 ¼	10, 20, 22, 30, 32		
125mm	0.8mm	0.5mm	6mm	1 ¼	20, 22, 30, 32		
125mm	1.0mm	0.7mm	6mm	1 ¼	20, 22, 30, 32		
125mm	1.2mm	0.9mm	6mm	1 ¼	20, 22, 30, 32		
150mm	0.8mm	0.5mm	6mm	1 ¼	20, 22, 30, 32		
150mm	1.0mm	0.7mm	6mm	1 ¼	20, 22, 30, 32		
150mm	1.2mm	0.9mm	6mm	1 ¼	20, 22, 30, 32		
175mm	0.8mm	0.5mm	6mm	1 ¼	20, 22, 30, 32		
175mm	1.0mm	0.7mm	6mm	1 ¼	20, 22, 30, 32		
175mm	1.2mm	0.9mm	6mm	1 ¼	20, 22, 30, 32		
200mm	0.8mm	0.5mm	6mm	1 ¼	20, 22, 30, 32		
200mm	1.0mm	0.7mm	6mm	1 ¼	20, 22, 30, 32		
200mm	1.2mm	0.9mm	6mm	1 ¼	20, 22, 30, 32		
250mm	1.2mm	0.9mm	6mm	Hole size to specifications			
250mm	1.6mm	1.2mm	6mm	Hole size to specifications			
300mm	1.2mm	0.9mm	6mm	Hole size to specifications			
300mm	1.6mm	1.2mm	6mm	Hole size to specifications			

FLANGES

STANDARD FLANGE STANDARD HOLE SIZE 1 ¼"		HOLE REDUCTION FLANGE HOLE SIZE ¾"–1 ⅛", 10mm–30mm	
75mm		75mm	
89mm			
100mm			
114mm			
125mm			
140mm			
150mm			
175mm			
200mm		200mm	

*Special Hole Size Add €10
April 1, 2019

ORDER EXAMPLE:

Wheel type = 1A1R

D = 150mm

T = 1.0mm

H = 30mm

Bond Type = 3DB-ROS1

Grit Size = 100/120 mesh

GRINDING WET OR DRY?

GRINDING WHAT MATERIAL?

DIAMOND/BOND COMBINATIONS:

1DB - ROS1: Medium Hard Bond—Free cutting, used on heat-sensitive materials as glass/quartz/ceramics etc.

2DB - ROS2: Nickel Coated Diamond, Hard Bond—Use only with ample coolant.

3DB - ROS1: Nickel Coated Diamond, Medium Hard Bond STANDARD CUT-OFF FOR CARBIDE WET OR DRY:

3D-100/120-ROS1-100 CON

CBN/BOND COMBINATIONS:

1CB - ROS1: Nickel Coated CBN, Medium Hard Bond—Used on ferrous material harder than 55 HRC, wet cutting only.

STANDARD CUT-OFF:

1CB-100/120-ROS1-100 CON

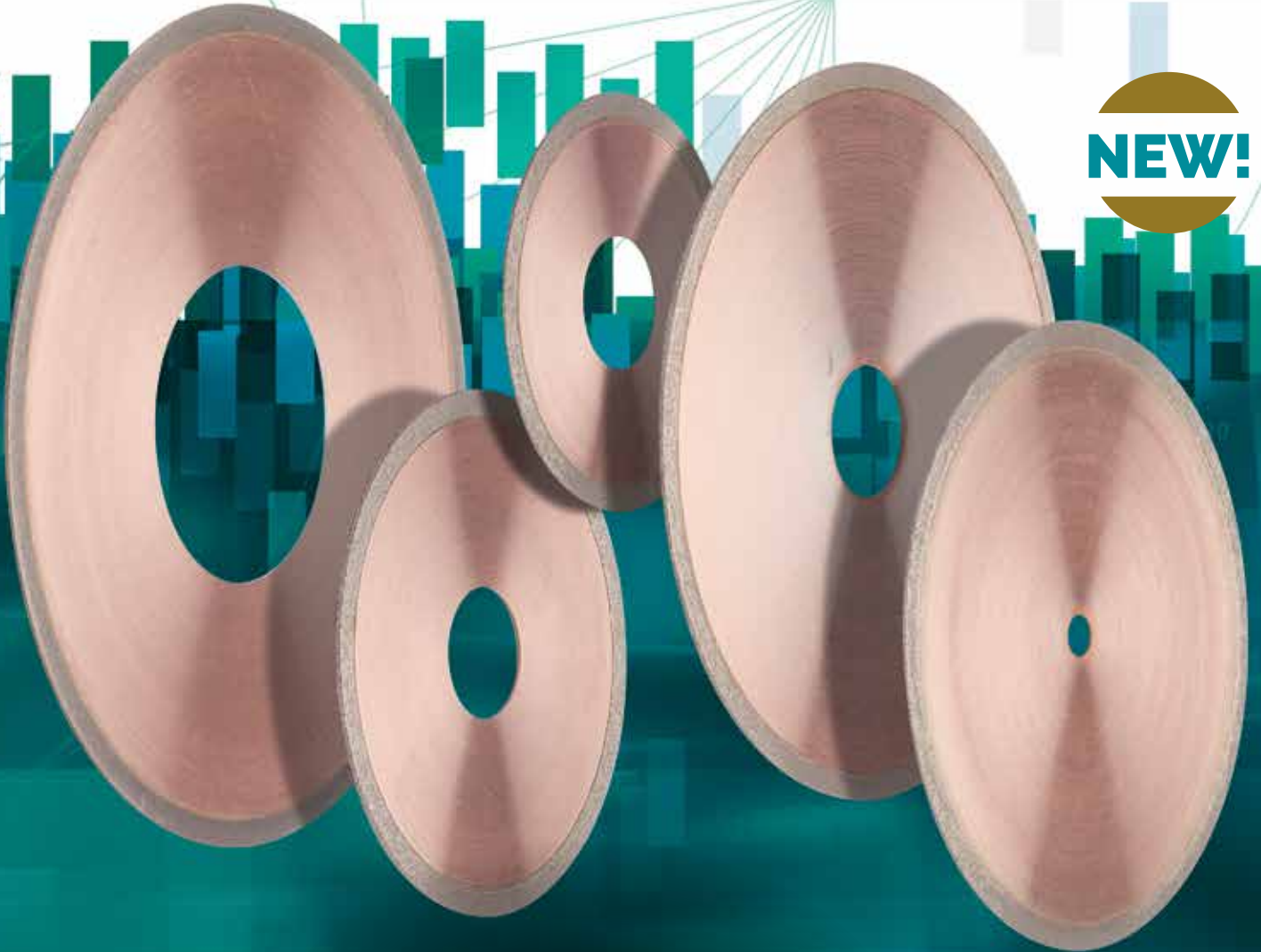
2CB - ROS2: Nickel Coated CBN, Hard Bond—Used on ferrous material harder than 55 HRC. Recommended with straight oil coolant, automatic machining.

Distributor pro
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www.diapraha.cz

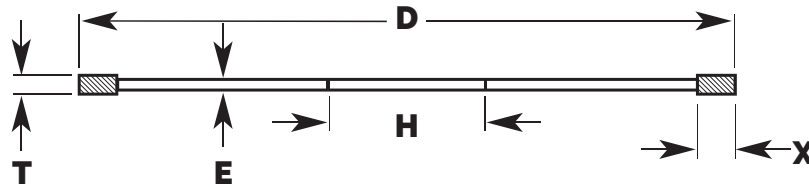


High Quality Metal Bond Diamond
CUT-OFF WHEELS

NEW!



DIACUT
THINWHEEL™



*Special Hole Size Add €10

D	T	E	X	H*	H*	Diamond
75mm	0.8mm	0.5mm	6mm	1 ¼"	10, 20	
100mm	0.8mm	0.5mm	6mm	1 ¼"	10, 20, 22, 30, 32	
100mm	1.0mm	0.7mm	6mm	1 ¼"	10, 20, 22, 30, 32	
100mm	1.2mm	0.9mm	6mm	1 ¼"	10, 20, 22, 30, 32	
125mm	0.8mm	0.5mm	6mm	1 ¼"	20, 22, 30, 32	
125mm	1.0mm	0.7mm	6mm	1 ¼"	20, 22, 30, 32	
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150mm	0.8mm	0.5mm	6mm	1 ¼"	20, 22, 30, 32	
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200mm	1.2mm	0.9mm	6mm	1 ¼"	20, 22, 30, 32	
200mm	1.6mm	1.2mm	6mm	1 ¼"	20, 22, 30, 32	

NOTE: Comply to ANSI B7.1 Safety Standards

FLANGES

STANDARD FLANGE STANDARD HOLE SIZE 1¼"		HOLE REDUCTION FLANGE HOLE SIZE ¾"—1½", 10mm-30mm	
75mm		75mm	
89mm		89mm	
100mm		100mm	
114mm		114mm	
125mm		125mm	
140mm		140mm	
150mm		150mm	
175mm		175mm	

*Special Hole Size Add €10

ORDER EXAMPLE:

Wheel type = 1A1R
D = 150mm
T = 1.0mm
H = 30mm
Grit Size = 140/170 mesh

STANDARD CONCENTRATION:

75 (3.3 ct/cm³)

RECOMMENDATIONS:

Use with coolant
Use the roughest possible grit
Use the largest flange
Use the thickest wheel possible
to increase wheel stiffness
and straight cuts

**CHARACTERISTICS/
ADVANTAGES:**

High efficiency
High abrasion resistance
Longer life
Better form stability

MATERIALS:

Carbide
Ceramic (fire/unfired)
Glass
Quartz
Sapphire
Etc.

Distributor pro
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