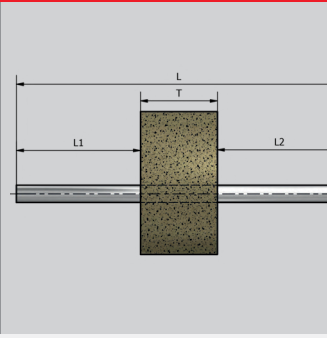
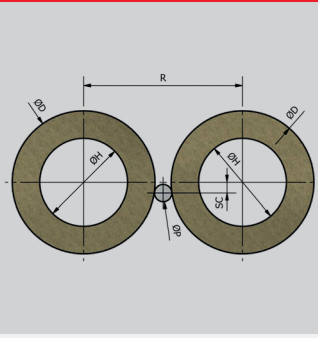
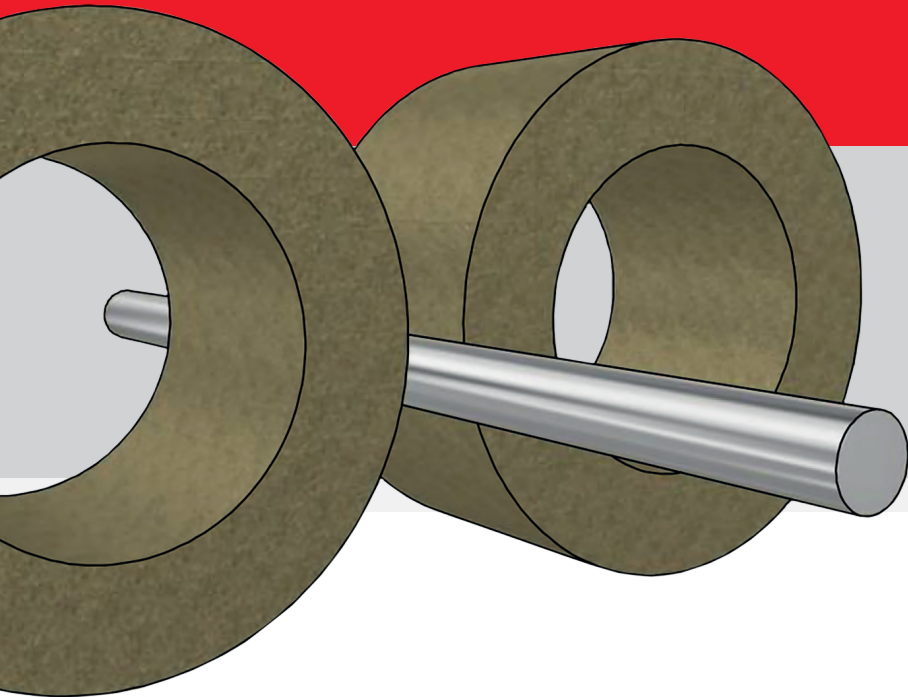


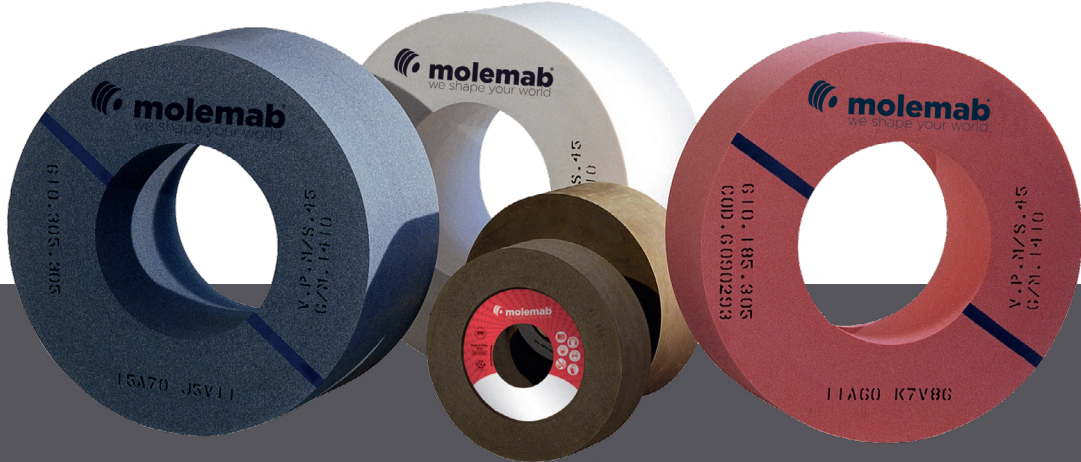
CENTERLESS GRINDING WHEELS



VITRIFIED CONVENTIONAL CENTERLESS WHEELS

Conventional grinding wheels

Centerless grinding wheels allow mass production of cylindrical parts with various diameters. Due to the positioning of the workpiece, held with the axis of rotation parallel to that of two grinding wheels, centerless grinding enables even high stock removal rates combined with geometric precision of the machined parts.



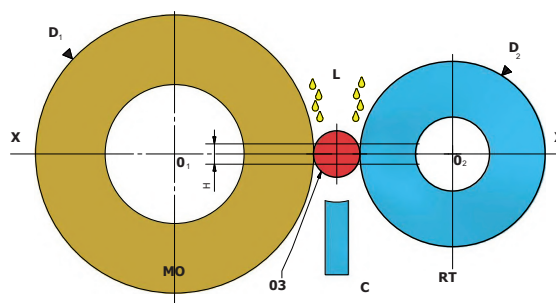
Centerless grinding wheels / Vitrified bond				
Material	Type	Hardness	Through feed	Plunge
Carbon steel	Carbon steel / Low alloy	HRC 24 ÷ 38	15A 060 K07 V86	15A 080 L07 V86
Carbon / Low alloy steel	Heat treated / Hardened steel	HRC 40 ÷ 52	11A 060 J08 V30	11A 060 JK08 V11
Alloy steel	Hardened steel	HRC 52 ÷ 58	09A 060 J08 V86	09A 060 K07 V86
Alloy steel	HSS / Hardened / Cemented / Nitrided	HRC 52 ÷ 64	2TA 100/2 J08 VK	2TA 100/2 K08 VK
Stainless steel	AISI 300 / 400 family	HRC 64	08C 080 H10 V11	08C 080 J08 V11
Chrome	Chrome plated		11A 060 J08 V30	11A 060 K08 V30
Cast iron	Spheroidal / Grey cast iron		08C 060 K07 V11	08C 060 L07 V11
Tool steel and carbide	HSS / HM		2AK 080/6 L09 V44	
			Roughing	Finishing
Titanium			08C 060 K08 V11	08C 100 I08 V11

RESIN BOND CONVENTIONAL CENTERLESS WHEELS



Centerless grinding machines Type "A"

The centerless grinding machines type A are based on a feed system by a regulating wheel, normally rubber bonded, where the axis O_2 is inclined with respect to axis O_1 . The working wheel diameter is generally between 300 and 610 mm and the maximum thickness can be up to 815 mm.

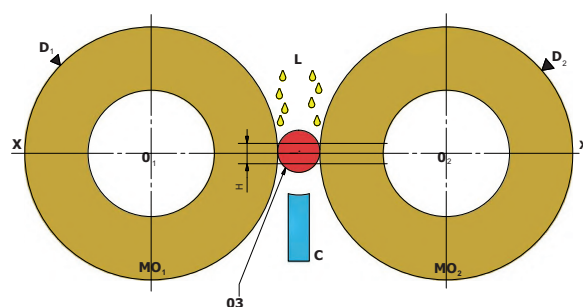


Resin bonded wheels for grinding steel bars and tubes

Material	Type	Perfecta Line 500x350	Perfecta Line 610x500
Stainless steel	Bars AISI 300 / 400 family	MVC 080 OP6 BGT	MVC 60/80 Q08 BGT
Stainless steel	Bars AISI 300 / 400 family	7XC 080 OP8 BGT	7XC 080 OP8 BGT
Stainless steel	AISI 400 family / Valves steel	7XC 080 R08 BGT	7XC 080 R08 BGT
Carbon steel	Hydraulic piston tubes	69A 054 P08 BC	69A 054 P08 BC

Centerless grinding machines Type "B"

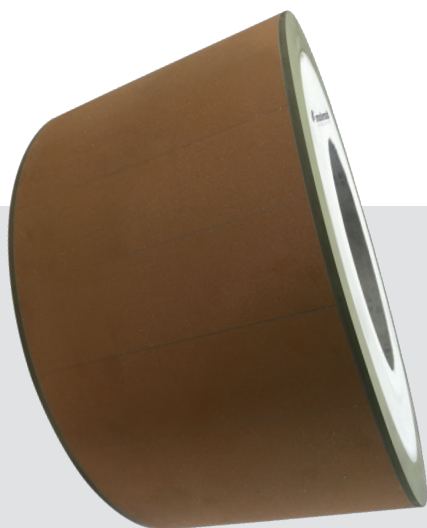
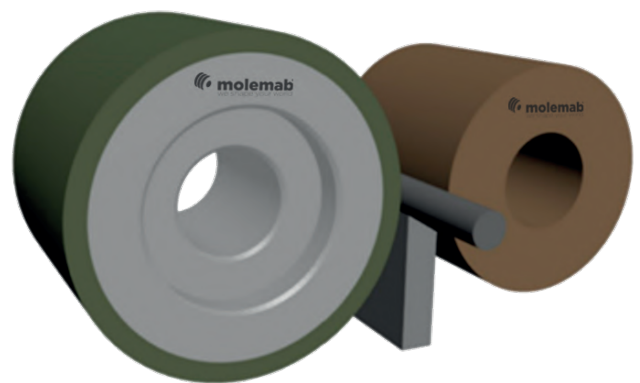
The centerless grinding machines type B are based on a feed system with two working wheels, mounted in opposite position. They can have a diameter between 350 and 660 mm and a maximum thickness of 300 mm. The power, generally between 100 and 240 Hp, gives the possibility to remove up to 300 cm³/min. The feed rate depends on the tolerances and the surface finish requested. When working small diameters, it's possible to reach a feed rate of 30 m/min. Reducing this feed rate you can get a better surface finish.



VITRIFIED SUPERABRASIVES CENTERLESS WHEELS

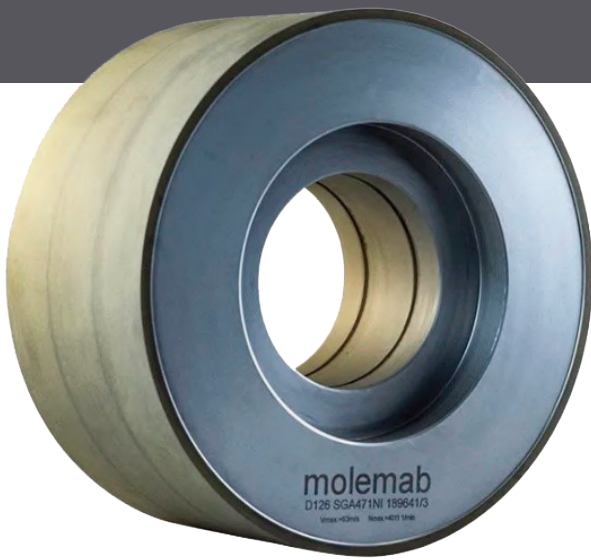
DIA/CBN VIT

Our long-term experience in producing these wheels enables us to provide the best quality for every specific need. Typical applications for such wheels are bearing rollers, injection nozzles, pump parts and many others. Since CBN and Diamond have excellent grinding features, vitrified bonded DIA/CBN wheels can be used with smaller dimensions compared to grinding wheels made with conventional abrasives.



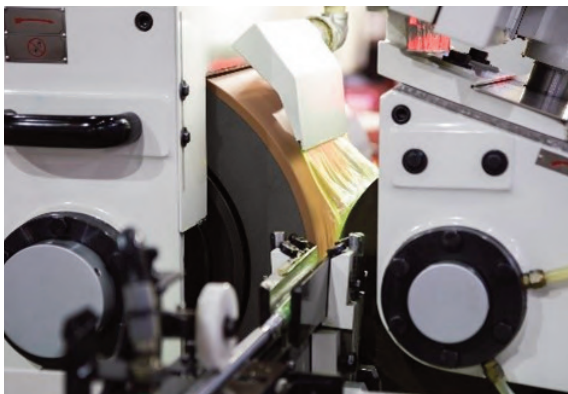
Naphthalene-Free since 1961
With our products we contribute
to a cleaner environment
and a greener future
for generations to come

RESIN BOND SUPERABRASIVES CENTERLESS WHEELS

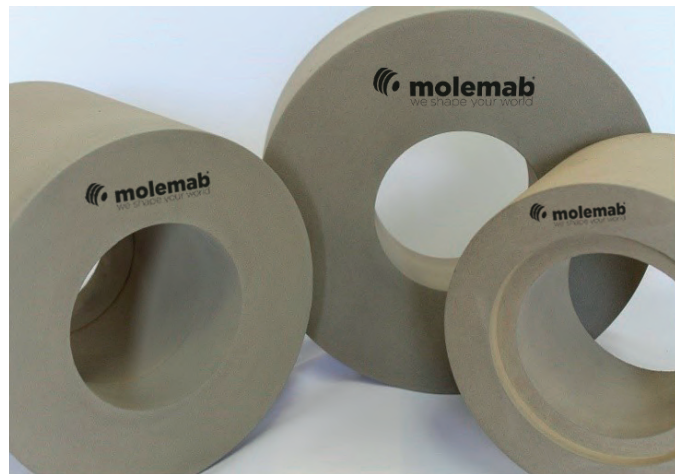


DIA/CBN Resin bond grinding wheels

Our resin bonded grinding wheels are the ideal solution for grinding HSS and HM parts. We use the best qualities of diamond and CBN to guarantee low wheel wear and the best dimensional accuracy of the workpiece.



Rubber Bonded Regulating Wheels



Shape	Specification	Dimension		
		OD	T	Bore
T1	00A080RR	204	102	80
T1	00A120RR	204	102	80
T7	00A080RR	254	204	115
T7	00A120RR	254	204	115
T7	00A080RR	305	250	127
T7	00A120RR	305	250	127
T7	00A080RR	305	355	127
T7	00A120RR	305	355	127
T7	00A080RR	400	355	203,2
T7	00A120RR	400	355	203,2
T7	00A080RR	400	500	203,2
T7	00A120RR	400	500	203,2
T7	00A120RR	400	660	203,2

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