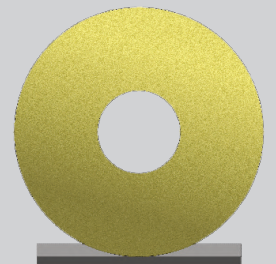
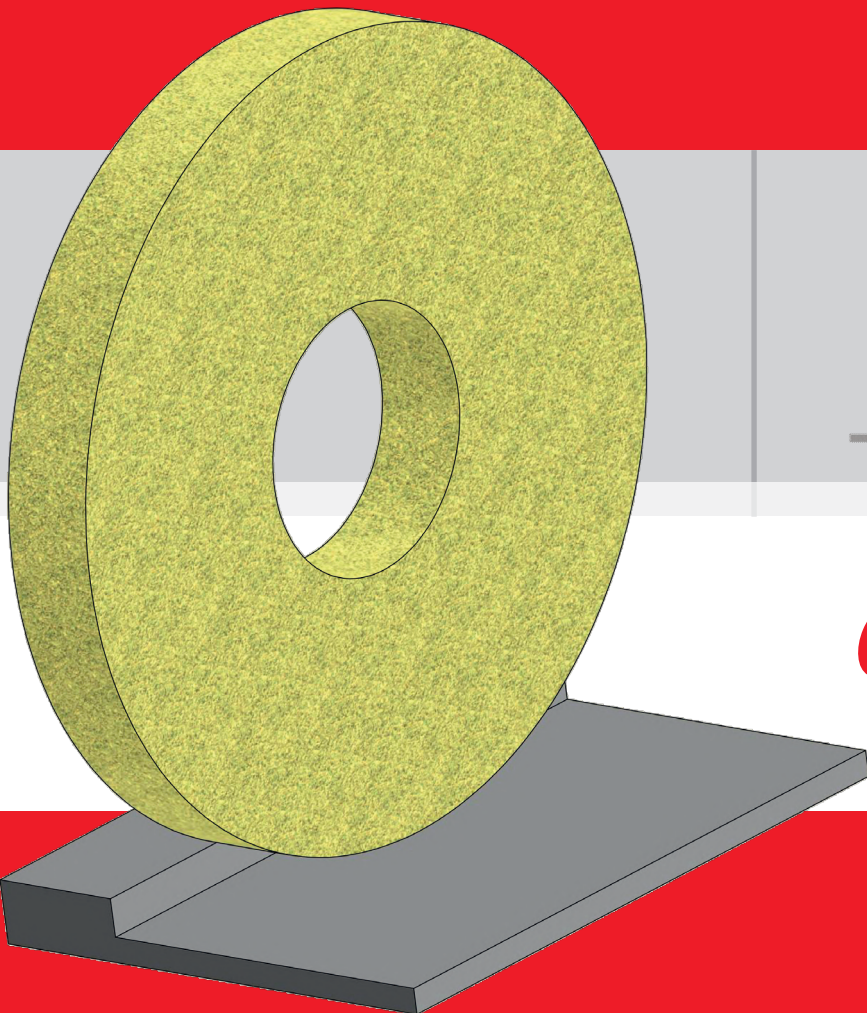
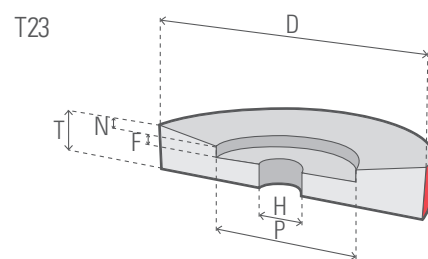
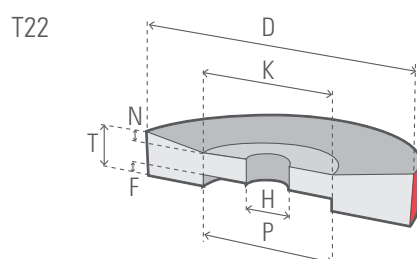
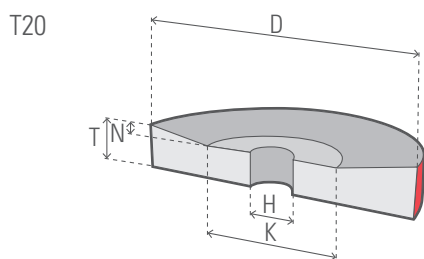
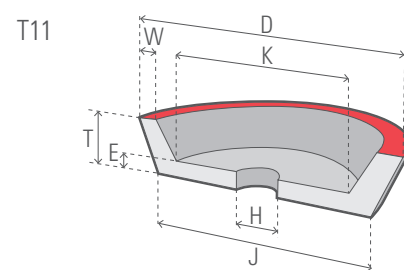
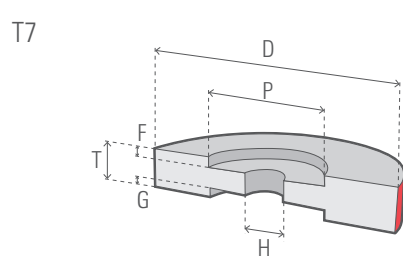
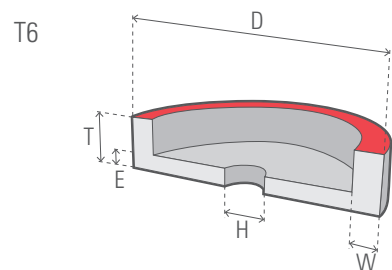
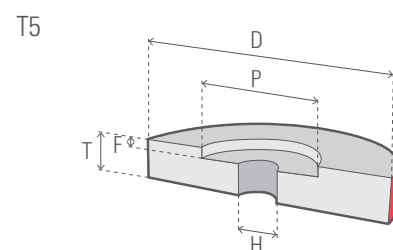
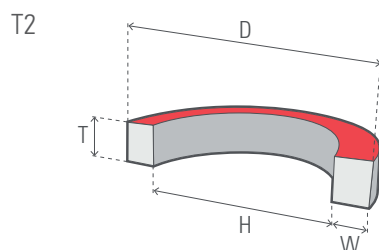
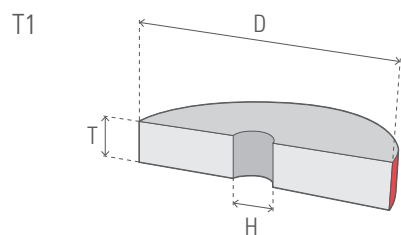
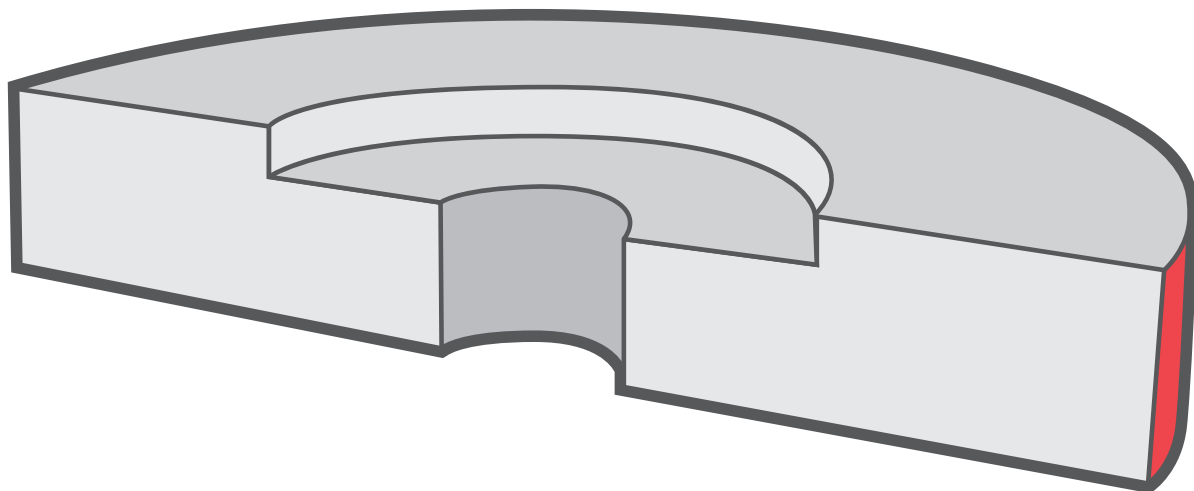


SURFACE GRINDING
AND CREEP FEED
GRINDING WHEELS



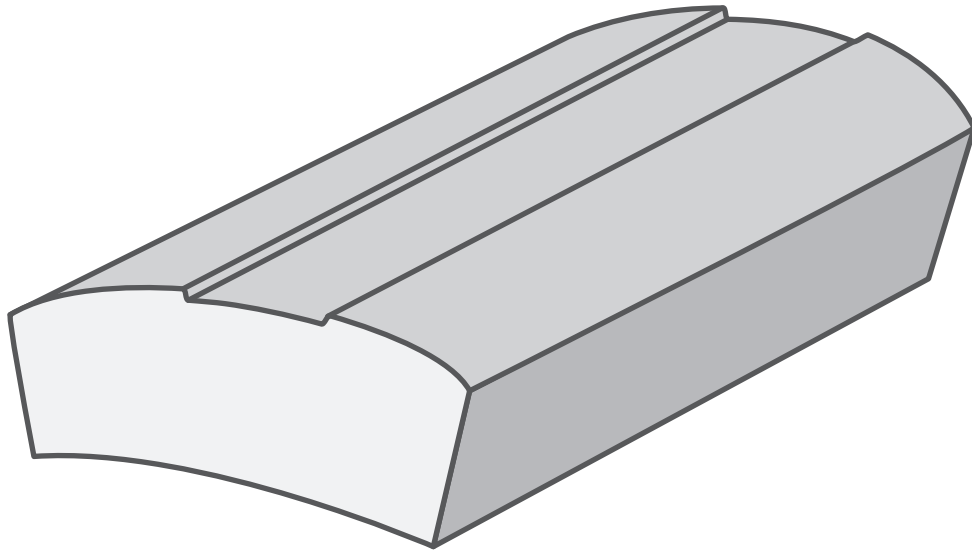
C7

SHAPES OF STANDARD FEPA GRINDING WHEELS **molemab**

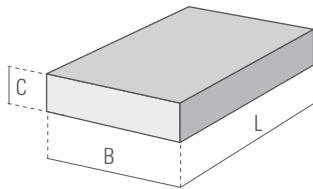


Naphthalene-Free since 1961
 With our products we contribute to a cleaner environment
 and a greener future for generations to come

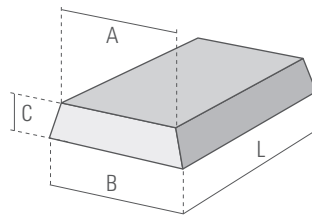
SHAPE OF ABRASIVE SEGMENTS **molemab**



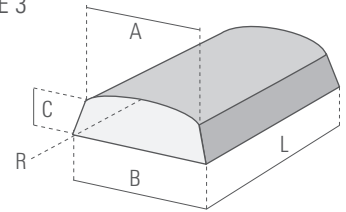
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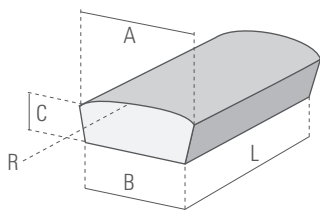
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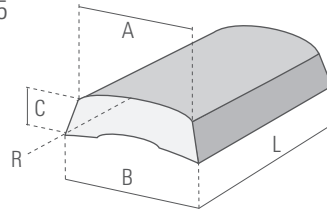
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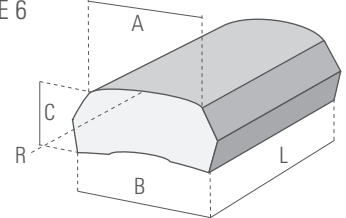
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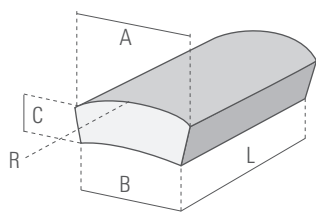
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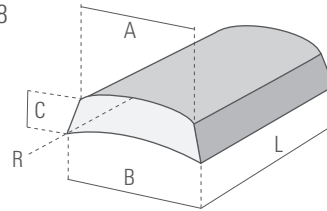
SHAPE 6



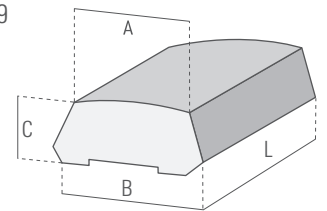
SHAPE 7



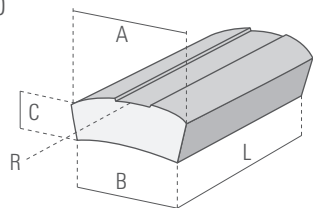
SHAPE 8



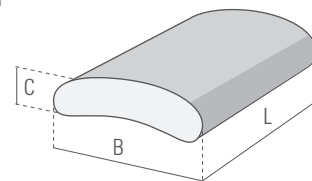
SHAPE 9



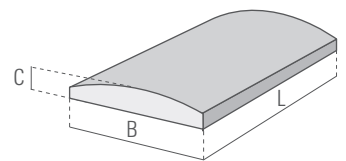
SHAPE 10



SHAPE 11



SHAPE 12





SURFACE GRINDING AND CREEP FEED GRINDING

Surface Grinding / Pro-S Line			Pro-S	Pro-S
Material	Heat treatment	Hardness	T < 35	T > 35
Carbon steel		HRC 24 ÷ 38	11A 036 I 10 V86	11A 036 I 10 V86
Carbon steel		HRC 24 ÷ 38		11A 046 H 10 V86
Carbon / Low alloy steel		HRC 40 ÷ 52	09A 046 FG12 V34 P3	09A 046 FG12 V34 P3
Carbon / Alloy steel	Heat-treated / Hardened steel	HRC 42 ÷ 56	45A 060 G12 VG5 P13	45A 046/2 GH12 V34 P4
Carbon / Alloy steel	Heat-treated / Hardened steel	HRC 42 ÷ 56		45A 054 FG12 V85 P1
Carbon / Alloy steel	Hardened steel	HRC 52 ÷ 58	43A 046 G12 V34 P1	43A 046 G12 V34 P1
HSS / Carbon / Alloy steel	Hardened / Cemented / Nitrided	HRC 52 ÷ 64	1TA 054 F12 VG4 P3	1TA 046 F12 VG4 P3
HSS / Carbon / Alloy steel	Hardened / Cemented / Nitrided	HRC 52 ÷ 64		1TA 054 F12 VG4 P3

Surface Grinding / Arctic Line			Arctic	Arctic
Material	Heat treatment	Hardness	T < 35	T > 35
Carbon / Alloy steel	Heat-treated / Hardened steel	HRC 42 ÷ 56	OMA 054 G12 V85 P4	OMA 054 G12 V85 P4

Surface Grinding / Arctic Plus Line			Arctic Plus	Arctic Plus
Material	Heat treatment	Hardness	T < 35	T > 35
HSS / Carbon / Alloy steel	Hardened / Cemented / Nitrided	HRC 52 ÷ 64	1GA 54/9 GH12 V86 P1	1GA 54/9 GH12 V86 P1

Surface Grinding / Special Application			T < 35	T > 35
Material	Type	Heat Treatment		
Stainless steel	AISI family 400	Hardened and unhard.	45A 54/2 G12 V34 P3	45A 54/2 G12 V34 P3
Stainless steel	AISI family 300	Unhardened	08C 046 G10 V01	08C 046 G12 V01 P3

Creep Feed Grinding			Glacier Max	Glacier Max
Material	Heat treatment	Hardness	T < 35	T > 35
Carbon / Alloy steel	Heat-treated / Hardened steel	HRC 42 ÷ 56	96A 80/2 GH12 V84	96A 80/2 GH12 V84
HSS / Carbon / Alloy steel	Hardened / Cemented / Nitrided	HRC 52 ÷ 64	1GA 54/9 H09 V86	1GA 54/9 H09 V86
HSS / Carbon / Alloy steel	Hardened / Cemented / Nitrided	HRC 52 ÷ 64	4AK 60/100 GH13 VK4 P1	

Surface Grinding with CUP			Ø 178	Ø 200
Material	Heat treatment	Hardness		
Carbon / Low-alloy steel		HRC 40 ÷ 52	09A 036 G10 V34 P	09A 36 G10 V34 P
Carbon / Low-alloy steel		HRC 40 ÷ 52	09A 046 H12 V86 P	09A 36 H8 V20
Carbon / Alloy steel	Heat-treated / Hardened steel	HRC 42 ÷ 56	OMA 54/2 G12 V85 P4	OMA 54/2 G12 V85 P4
HSS / Carbon / Alloy steel	Hardened / Cemented / Nitrided	HRC 52 ÷ 64	3SA 046 G08 V114	3SA 046 G08 V114
Cast iron	Spheroidal cast iron / Grey cast iron		06C 036 I08 V01	06C 036 I08 V01
Non ferrous metals	Aluminium / Bronze / Brass / Copper		08C 046 H10 V11 P3	08C 046 H10 V11 P3

Surface Grinding with Segments			Continuos cutting	Discontinuos cutting
Material	Type	Hardness		
Carbon steel	Mild steel / Low alloy	HRC 24 ÷ 38	09A 030 G08 V86	11A 030 G09 V86
Carbon steel	Mild steel / Low alloy	HRC 24 ÷ 38	09A 036 H08 V86	11A 046 E10 V86
Carbon / Alloy steel	Heat-treated / Hardened steel	HRC 42 ÷ 56	09A 036 G10 V92	11A 036 G08 V86
Carbon / Alloy steel	Heat-treated / Hardened steel	HRC 42 ÷ 56	91A 036 G12 V86	31A 036 G08 V89
HSS / Carbon / High alloy steel	Hardened / Cemented / Nitrided	HRC 52 ÷ 64	09A 036 F12 V34 P	3SA 30/1 FG9 V40 P
HSS / Carbon / High alloy steel	Hardened / Cemented / Nitrided	HRC 52 ÷ 64	31A 036 F12 V86 P	3SA 036 G08 V24
Cast iron	Spheroidal cast iron / Grey cast iron		06C 036 I07 V11	06C 036 I07 V11
Non ferrous metals	Aluminium / Bronze / Brass / Copper		08C 046 G05 V01	08C 046 H15V11
Tungsten carbide			08C 060 G08 V01	

Pro-S

Standard line of grinding wheels designed for use on horizontal spindle grinding machines. Ideal for machining mild, annealed, hardened, and tempered steel.

Standard grits:

11A 36/46/54 - 09A 36/46/54

Standard bonds: V34 - V86



Arctic

Grinding wheels developed for machining hardened steels with hardness up to 56 HRC.

Standard grits:

45A 54 - 0MA 54/60

Standard bond:

V34 - V85



Arctic Plus

The new line was designed and developed using new abrasives and bonds of last generation, featuring improved mechanical strength to take full advantage of the potential of Aluminium Oxide and Ceramic Abrasives. Ideal on hardened steels up to 62 HRC.

Standard grits: 1GA 54/9

Standard bond: V86



Glacier Max

Line exclusively dedicated to Creep Feed operations

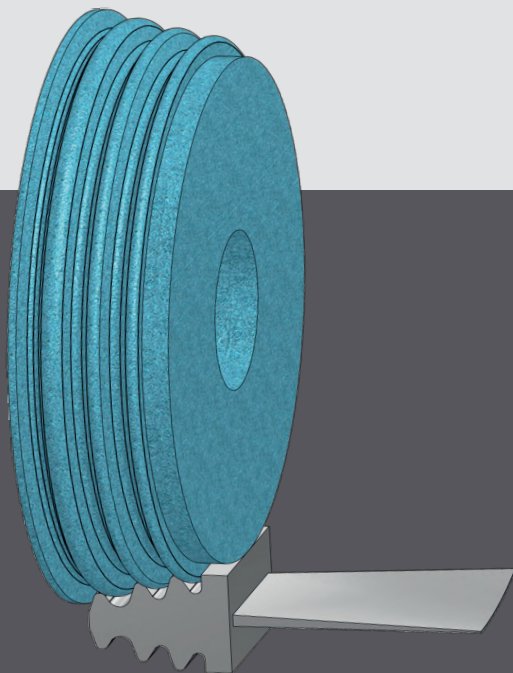
A perfect profile holding, thanks to the special bond. A cold cut, due to the incredible porous structure, which guarantees a reduction in machining time.



Abrasives:

AK60 - 4AK60 - 1GA - 96A

Bond: VK4 - V84 - V86



Grinding wheels and segments for surface grinding on vertical spindle machines

For mild steel, hardened steel, HSS, and stainless steel.

Abrasives: 09A - 11A - 3SA

For Cast Iron, Hard Metal and Nonferrous Metals.

Abrasives: 09A - 06C - 08C



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