




TECHNICAL DATA
Diamond Pads –
Self adhesive grinding surfaces

	Application area	Hardness range	Surface	Grain sizes available	Abrasive and bond	Cooling media	Run-in time – pre-dressing needed	Maintenance of the surface	Indicative lifetime per surface (Number of of SiC Paper or Foil)	Surface diameter sizes
Plane grinding	 Ceramics, sintered carbides and very hard, ferrous metals	>600 HV	Diamond Pad	250 µm	Metal bonded diamonds	Water	None	None	>100	200 mm / 8" 250 mm / 10" 300 mm / 12"
	 Ceramics, sintered carbides and very hard, ferrous metals	>600 HV	Diamond Pad	125 µm	Metal bonded diamonds	Water	None	None	>100	200 mm / 8" 250 mm / 10" 300 mm / 12"
Fine grinding	 Minerals, ceramics, sintered carbides and very hard ferrous metals	>600 HV	Diamond Pad	40 µm	Metal bonded diamonds	Water	None	None	>100	200 mm / 8" 250 mm / 10" 300 mm / 12"
	 Minerals, ceramics, sintered carbides and very hard ferrous metals	>600 HV	Diamond Pad	20 µm	Metal bonded diamonds	Water	None	None	>100	200 mm / 8" 250 mm / 10" 300 mm / 12"

Adaptor for magnetic disc

Adaptor	Description	Surface diameter sizes
 MD-Rondo	Adapter for use with self adhesive consumables on the MD-disc. For easy exchange of consumables.	200 mm / 8" 250 mm / 10" 300 mm / 12"



Grit / Grain size comparison

These are guideline values only. Grit sizes are defined as a range and not a single value.
FEPA is the Federation of European Producers of Abrasives. ANSI is the American National Standards Institute.
Struers grinding paper / foil follows the FEPA P standard while grinding stones and similar follow the FEPA F standard.

Grain size	200 µm	125 µm	82 µm	68 µm	46 µm	30 µm	22 µm	18 µm	15 µm	7 µm	4 µm
FEPA P (Europe)	P80	P120	P180	P220	P320	P500	P800	P1000	P1200	P2000	P4000
FEPA F (Europe)	F80	F100	F150	F180	F240	F320	F360	F400	F500	F800	F1200
ANSI/UAMA (US)*	#80	#120	#180	#220	#280	#320	#360	#400	#500	#800	#1200

* ANSI standard B74.18