



Natural Diamond – CVD-P7 Version

New development CVD-P7 Profile Dresser System „DIAFORM“

DIAFORM profile dressing tools are typically used in the tool-making industry and can be found in nearly every customer's facility. These tools are particularly popular in flat grinding applications.

Our CVD-P7 DIAFORM profile dressing tools have highly accurate diamond tips which allow for very precise forms to be dressed into grinding wheels. These tools are a great alternative to tools manufactured utilizing natural diamond. The CVD-P7 material used in our tools is more homogenous than natural diamond and is more cost effective. This material also tends to be more consistent in quality and more readily available than natural diamond stones.

Using our DIAFORM CVD-P7 tools requires no special adjustments to your grinding machine. Simply install them as you would a natural diamond version and you are ready to go.

These tools are available in all of the standard profiles. Custom shapes and forms can also be produced. Our DIAFORM CVD-P7 tools can be re-lapped or reconditioned many times without loss of tip quality.

These tools are typically used on these grinding machines:

JUNG, ASYST, ELB, ABA Z&B, GEIBEL&HOTZ, BLOHM, KEHREN, REFORM, KELLENBERGER and others.

We also provide other types of profile dressing tools available in CVD-P7 quality for grinding machines such as SCHAUDT and FORTUNA and many others.

Primary industries utilizing these tools:

- Tool makers
- Manufacturers of plug connectors
- Manufacturers of parts for injection molding machines
- Machine builders, especially surface grinding

DR.KAISER CVD-P7 Profile Dresser offer many advantages due to the following:

- marginal variation of quality because of synthetic Diamond (CVD-P7)
- very high profile accuracy during dressing cycle due to consistent diamond shape and size
- more cost effective than natural diamond versions
- CVD-P7 synthetic diamond is more readily available than natural diamond stones
- CVD-P7 material will still be available in the future at even higher quality levels
- no quality changes caused by in-homogenous diamond material
- re-lapping or reconditioning of CVD-P7 material causes no thermal stresses
- consistent performance after each re-lap
- extra thin profiles available by using special shaped CVD-P7 inserts

Micronz Article Numbers:

#4.811717 55deg **R 0.25** MT1 short (Studer) Unit Price £ 230.00 plus VAT
#4.811718 55deg **R 0.5** MT1 short (Studer) Unit Price £ 230.00 plus VAT

Carriage £ 15.00

Prices subject to change, lead time currently 5 weeks from order but we will hold stock for regular buyers

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