

SWATYCOMET

HYBRID BONDS

Superabrasives
grinding tools
for CNC applications



New generation of
grinding tools for
CNC production of
tungsten carbide
tools.



NEW GENERATION
PRODUCTS

SWATYCOMET HYPERFLUTE⁺



Flute grinding is the biggest challenge in the manufacture of tungsten carbide cutting tools!
Shorter manufacturing time of cutting tools in this operation significantly increases savings.

The new generation HYPERFLUTE⁺ superabrasive flute grinding tools is setting a new standard for high performance grinding and the quality of manufacturing.

Specially adapted for CNC machines:

Walter, Saacke, Hawemat, Schutte, Anca, Schneeberger, Reinecker etc.

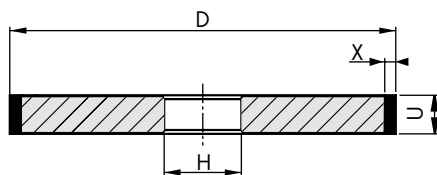
Advantages:

- high profile retention and edge stability
- deep flute grinding with feed rate up to 250mm/min
- longer lifespan of grinding wheel;
- shorter manufacturing time of cutting tools;
- less machine load;

Grinding tools

1A1

D x U x X x H

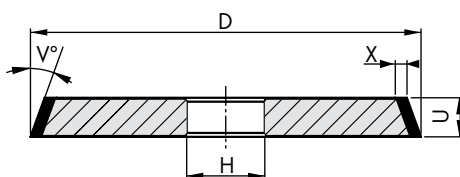


D	T=U	X	H
75	6/10/12	6/10	*By order
100	6/10/12/15	6/10	*
125	6/10/12/15	6/10	*
150	8/10/12/15	6/10	*

Grinding tools

1V1/V°

D x U x X x H



D	T=U	X	V°	H
75	6/8/10	6/10	≤45	*By order
100	6/8/10/12	6/10	≤45	*
125	6/8/10/12	6/10	≤45	*
150	8/10/12	6/10	≤45	*

Order printout sample:
1V1-10° 125 x 10 x 10 x 20
D64 HYPERFLUTE⁺



New grinding tools Hyper-G from company SWATYCOMET represents the best choice for optimal and efficient manufacturing of cutting tools.

Development of grinding tool HYPER-G combines new binding system with the highest quality superabrasive grains and new manufacturing technology, which positions these products among top quality grinding tools.

Advantages:

- extreme edge stability
- increased quality of cutting tools (best surface quality)
- reduced grinding time
- longer life time

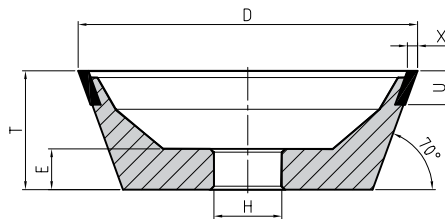
Specially adapted for CNC machines:

Walter, Saacke, Hawemat, Schutte, Anca, Schneeberger, Reinecker etc.

Grinding tools

11V9

D x X x U x H

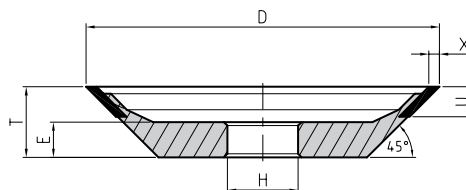


D	X	U	E	T	H
75	3/5	10	12	30	*By order
100	3/5	10	12	35	*

Grinding tools

12V9- 45°

D x X x U x H



D	X	U	E	T	H
100	3	10	10	20	*By order
125	3	10	10	25	*

Order printout sample:
12V9-45° 125 x 3 x 10 x 20
D54 HYPER-G

All products of other dimensions can be made by special order.

SWATYCOMET

HYBRID BONDS



HYPERFLUTE+
Grinding tools
1A1

HYPERFLUTE+
Grinding tools
1V1/V°



HYPER-G
Grinding tools
11V9

HYPER-G
Grinding tools
12V9- 45°

