

ARNO[®]

WERKZEUGE

We have a passion for precision.

VHM- UND PM-HSS-NC-ENTGRATER

PM and HSS deburring cutters




Ausführung

- AE - 4 Schneiden, 60°
- 4 Schneiden, 90°
- 4 Schneiden, 120°

Design

- AE - 4 flutes, 60°
- 4 flutes, 90°
- 4 flutes, 120°



Bezeichnung Description	Schneiden Flutes	Fräsertyp Type	Ausführung Design	Spiralwinkel Helix angle	Abb. Picture	Seite Page
AE - VHM NC-Entgrater / Solid carbide deburring cutter						
AE63041-...	4	VHM NC-Entgrater Solid carbide deburring cutter	kurz short	60°		314
AE63141-...	4	VHM NC-Entgrater Solid carbide deburring cutter	kurz short	90°		316
AE63241-...	4	VHM NC-Entgrater Solid carbide deburring cutter	kurz short	120°		318
AE - PM-HSS NC-Entgrater / Powder metal deburring cutter						
AE63041-...-PM	4	PM-HSS NC-Entgrater Powder metal deburring cutter	kurz short	60°		315
AE63141-...-PM	4	PM-HSS NC-Entgrater Powder metal deburring cutter	kurz short	90°		317
AE63241-...-PM	4	PM-HSS NC-Entgrater Powder metal deburring cutter	kurz short	120°		319

ARNO[®]

WERKZEUGE

We have a passion for precision.

AUSFÜHRUNG AE

Design AE

Schneller als die Konkurrenz.

Coated for speed.

Dank der TiAlN-Beschichtung überzeugt der ARNO[®] Vollhartmetall NC-Entgrater durch eine um 50 % höhere Schnittgeschwindigkeit als ein unbeschichteter Entgrater. Er ist optimal für das Anfasen, Entgraten und Konturbearbeiten nahezu aller gängigen Werkstoffe geeignet. Auch MMS oder Trockenbearbeitung ist möglich.



Thanks to the TiAlN coating this NC-drill can be up to 50 % faster than equivalent uncoated version. Suitable for nearly all materials. The tools can be used with micro lubrication coolant or run dry.

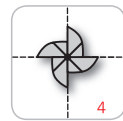
Vollhartmetall NC-Entgrater

4 Schneiden, 60°



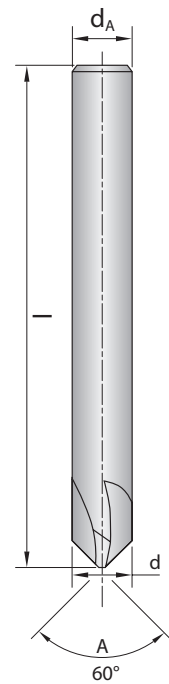
Solid carbide deburring cutter

4 flutes, 60°



AE63041-...

Schaft / Shank	d h6	d _A h6	l	A
AE63041-040	4,0	4	54	60°
AE63041-060	6,0	6	54	60°
AE63041-080	8,0	8	58	60°
AE63041-100	10,0	10	66	60°
AE63041-120	12,0	12	73	60°



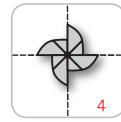
PM-HSS NC-Entgrater

4 Schneiden, 60°



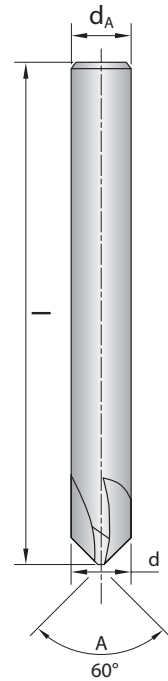
Powder metal deburring cutter

4 flutes, 60°



AE63041-....-PM

Schaft / Shank	d h6	d _A h6	l	A
AE63041-040-PM	4,0	4	54	60°
AE63041-060-PM	6,0	6	54	60°
AE63041-080-PM	8,0	8	58	60°
AE63041-100-PM	10,0	10	66	60°
AE63041-120-PM	12,0	12	73	60°



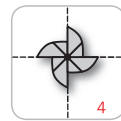
Vollhartmetall NC-Entgrater

4 Schneiden, 90°



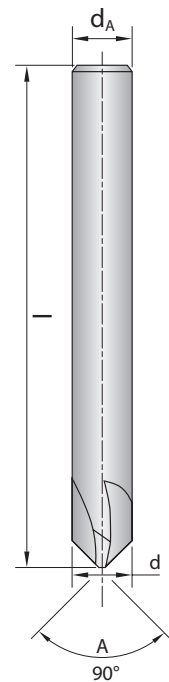
Solid carbide deburring cutter

4 flutes, 90°



AE63141-...

Schaft / Shank	d h6	d _A h6	l	A
AE63141-040	4,0	4	54	90°
AE63141-060	6,0	6	54	90°
AE63141-080	8,0	8	58	90°
AE63141-100	10,0	10	66	90°
AE63141-120	12,0	12	73	90°



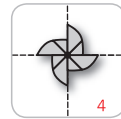
PM-HSS NC-Entgrater

4 Schneiden, 90°



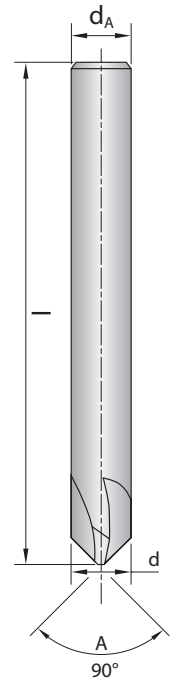
Powder metal deburring cutter

4 flutes, 90°



AE63141-....-PM

Schaft / Shank	d h6	d _A h6	l	A
AE63141-040-PM	4,0	4	54	90°
AE63141-060-PM	6,0	6	54	90°
AE63141-080-PM	8,0	8	58	90°
AE63141-100-PM	10,0	10	66	90°
AE63141-120-PM	12,0	12	73	90°



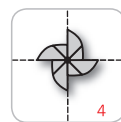
Vollhartmetall NC-Entgrater

4 Schneiden, 120°



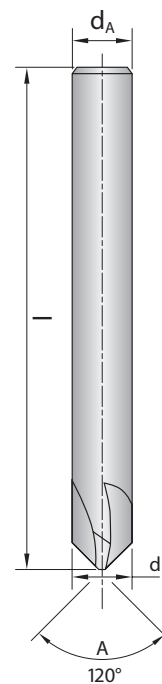
Solid carbide deburring cutter

4 flutes, 120°



AE63241-....

Schaft / Shank	d h6	d _A h6	l	A
AE63241-040	4,0	4	54	120°
AE63241-060	6,0	6	54	120°
AE63241-080	8,0	8	58	120°
AE63241-100	10,0	10	66	120°
AE63241-120	12,0	12	73	120°



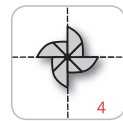
PM-HSS NC-Entgrater

4 Schneiden, 120°



Powder metal deburring cutter

4 flutes, 120°



AE63241-....-PM

Schaft / Shank	d h6	d _A h6	l	A
AE63241-040-PM	4,0	4	54	120°
AE63241-060-PM	6,0	6	54	120°
AE63241-080-PM	8,0	8	58	120°
AE63241-100-PM	10,0	10	66	120°
AE63241-120-PM	12,0	12	73	120°

