

TC burrs for high-performance applications

ALU cut for aluminium/non-ferrous metals



2

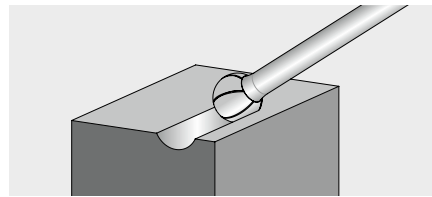


d_1 [mm]	l_2 [mm]	d_2 [mm]	l_1 [mm]	Cut		Item no.	Designation
10	20	6	60	ALU	1	21100786	ZYAS 1020/6 ALU
12	25	6	65	ALU	1	21100586	ZYAS 1225/6 ALU
				ALU HC-NFE	1	21100595	ZYAS 1225/6 ALU HC-NFE
16	25	6	65	ALU	1	21100658	ZYAS 1625/6 ALU
12	25	8	65	ALU	1	21100588	ZYAS 1225/8 ALU



Ball shape KUD

Ball-shaped burr according to DIN 8032 for an extremely high stock removal rate, long tool life and smooth operation when machining aluminium.



Special features:

- Large chips and reduced material adhesion.
- HC-NFE coating prevents material adhesion when working on long-chipping and lubricating non-ferrous metals.

d_1 [mm]	l_2 [mm]	d_2 [mm]	l_1 [mm]	Cut		Item no.	Designation
---------------	---------------	---------------	---------------	-----	--	----------	-------------

Small tungsten carbide burrs

3	2	3	33	ALU HC-NFE	1	21211096	KUD 0302/3 ALU HC-NFE
6	5	3	35	ALU HC-NFE	1	21213096	KUD 0605/3 ALU HC-NFE
3	2	3	33	ALU	1	21211095	KUD 0302/3 ALU
6	5	3	35	ALU	1	21213095	KUD 0605/3 ALU

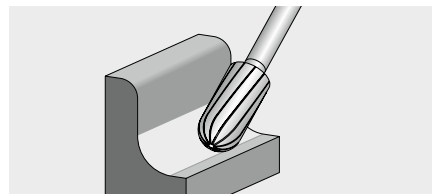
Tungsten carbide burrs

12	5	6	45	ALU HC-NFE	1	21112585	KUD 0605/6 ALU HC-NFE
6	5	6	45	ALU HC-NFE	1	21112586	KUD 0605/6 ALU HC-NFE
8	7	6	47	ALU	1	21112686	KUD 0807/6 ALU
10	9	6	49	ALU	1	21112788	KUD 1009/6 ALU
12	10	6	51	ALU	1	21112886	KUD 1210/6 ALU
				ALU HC-NFE	1	21112901	KUD 1210/6 ALU HC-NFE
16	14	6	54	ALU	1	21112978	KUD 1614/6 ALU



Cylindrical shape with radius end WRC

Cylindrical burr with radius end according to DIN 8032 for an extremely high stock removal rate, long tool life and smooth operation when machining aluminium.



Special features:

- Large chips and reduced material adhesion.
- HC-NFE coating prevents material adhesion when working on long-chipping and lubricating non-ferrous metals.

d_1 [mm]	l_2 [mm]	d_2 [mm]	l_1 [mm]	Cut		Item no.	Designation
---------------	---------------	---------------	---------------	-----	--	----------	-------------

Small tungsten carbide burrs

3	13	3	43	ALU HC-NFE	1	21205196	WRC 0313/3 ALU HC-NFE
6	13	3	43	ALU HC-NFE	1	21205296	WRC 0613/3 ALU HC-NFE
3	13	3	43	ALU	1	21205195	WRC 0313/3 ALU
6	13	3	43	ALU	1	21205295	WRC 0613/3 ALU

Continued on next page

TC burrs for high-performance applications

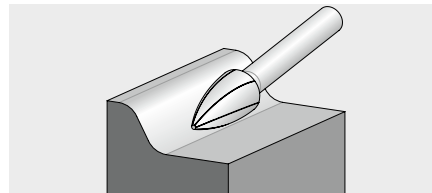
ALU cut for aluminium/non-ferrous metals

d ₁ [mm]	l ₂ [mm]	d ₂ [mm]	l ₁ [mm]	Cut		Item no.	Designation
Tungsten carbide burrs							
6	16	6	55	ALU HC-NFE	1	21105787	WRC 0616/6 ALU HC-NFE
				ALU	1	21105786	WRC 0616/6 ALU
8	20	6	60	ALU	1	21105188	WRC 0820/6 ALU
10	20	6	60	ALU	1	21105288	WRC 1020/6 ALU
12	25	6	65	ALU	1	21105386	WRC 1225/6 ALU
				ALU HC-NFE	1	21105401	WRC 1225/6 ALU HC-NFE
16	25	6	65	ALU	1	21105458	WRC 1625/6 ALU
12	25	8	65	ALU	1	21105388	WRC 1225/8 ALU



Pointed tree shape SPG Z5 HC-FEP

Pointed tree-shaped burr according to DIN 8032, flattened tip for an extremely high stock removal rate, long tool life and smooth operation when machining aluminium.



Special features:

- Large chips and reduced material adhesion.
- HC-NFE coating prevents material adhesion when working on long-chipping and lubricating non-ferrous metals.



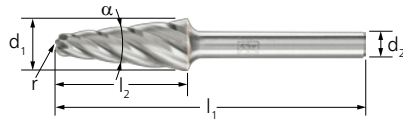
d ₁ [mm]	l ₂ [mm]	d ₂ [mm]	l ₁ [mm]	Cut		Item no.	Designation
Small tungsten carbide burrs							
3	13	3	43	ALU HC-NFE	1	21222664	SPG 0313/3 ALU HC-NFE
6	13	3	43	ALU HC-NFE	1	21222764	SPG 0613/3 ALU HC-NFE
3	13	3	43	ALU	1	21222663	SPG 0313/3 ALU
6	13	3	43	ALU	1	21222763	SPG 0613/3 ALU

Tungsten carbide burrs

6	18	6	55	ALU HC-NFE	1	21122567	SPG 0618/6 ALU HC-NFE
10	20	6	60	ALU HC-NFE	1	21122677	SPG 1020/6 ALU HC-NFE
6	18	6	55	ALU	1	21122566	SPG 0618/6 ALU
8	20	6	60	ALU	1	21122596	SPG 0820/6 ALU
10	20	6	60	ALU	1	21122676	SPG 1020/6 ALU
12	25	6	65	ALU	1	21122766	SPG 1225/6 ALU
				ALU HC-NFE	1	21122767	SPG 1225/6 ALU HC-NFE

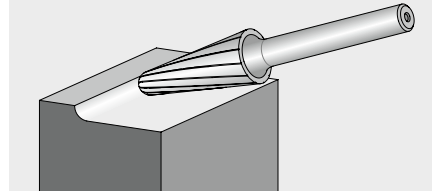
TC burrs for high-performance applications

ALU cut for aluminium/non-ferrous metals



Conical shape with radius end KEL

Conical burr with round radius end according to DIN 8032 for an extremely high stock removal rate, long tool life and smooth operation when machining aluminium.



Special features:

- Large chips and reduced material adhesion.
- HC-NFE coating prevents material adhesion when working on long-chipping and lubricating non-ferrous metals.

d ₁ [mm]	l ₂ [mm]	d ₂ [mm]	l ₁ [mm]	α [°]	r [mm]	Cut	Item no.	Designation
------------------------	------------------------	------------------------	------------------------	----------	-----------	-----	----------	-------------

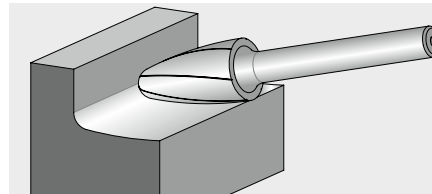
Tungsten carbide burrs

8	20	6	60	16	1.25	ALU	1	21124988	KEL 0820/6 ALU
10	20	6	60	14	2.9	ALU	1	21125088	KEL 1020/6 ALU
12	30	6	70	14	2.6	ALU	1	21125286	KEL 1230/6 ALU
						ALU HC-NFE	1	21125285	KEL 1230/6 ALU HC-NFE
16	30	6	70	14	4.8	ALU	1	21125358	KEL 1630/6 ALU
12	30	8	70	14	2.6	ALU	1	21125288	KEL 1230/8 ALU



Tree shape with radius end RBF

Tree-shaped burr with radius end according to DIN 8032 for an extremely high stock removal rate, long tool life and smooth operation when machining aluminium.



Special features:

- Large chips and reduced material adhesion.
- HC-NFE coating prevents material adhesion when working on long-chipping and lubricating non-ferrous metals.

d ₁ [mm]	l ₂ [mm]	d ₂ [mm]	l ₁ [mm]	r [mm]	Cut	Item no.	Designation
------------------------	------------------------	------------------------	------------------------	-----------	-----	----------	-------------

Small tungsten carbide burrs

3	13	3	43	0.75	ALU HC-NFE	1	21218136	RBF 0313/3 ALU HC-NFE
6	13	3	43	1.5	ALU HC-NFE	1	21230096	RBF 0613/3 ALU HC-NFE
3	13	3	43	0.75	ALU	1	21218135	RBF 0313/3 ALU
6	13	3	43	1.5	ALU	1	21230095	RBF 0613/3 ALU

Tungsten carbide burrs

6	18	6	55	1.5	ALU HC-NFE	1	21117385	RBF 0618/6 ALU HC-NFE
					ALU	1	21117386	RBF 0618/6 ALU
8	20	6	60	1.2	ALU	1	21117688	RBF 0820/6 ALU
10	20	6	60	2.5	ALU	1	21117788	RBF 1020/6 ALU
12	25	6	65	2.5	ALU	1	21117886	RBF 1225/6 ALU
					ALU HC-NFE	1	21117885	RBF 1225/6 ALU HC-NFE
16	30	6	70	3.6	ALU	1	21117958	RBF 1630/6 ALU
12	25	8	65	2.5	ALU	1	21117888	RBF 1225/8 ALU