

# WEMARO®

SINCE 1989



# WEMARO

## O nama WEMARO Tool GmbH

Svetski dobavljač alata za proizvodnje prozora i vrata

Mi smo dinamična organizacija sa bogatim iskustvom u razvoju, proizvodnji i prodaji reznog alata za PVC, aluminijum, čelik, kompozitne materijale i profile za proizvodnju prozora, vrata i fasada.

Naše specijalizovano znanje je cenjeno kod naših kupaca i predstavlja kamen temeljac naše poslovne strategije. U saradnji sa kupcem dolazimo do najboljih rešenja za njihove potrebe. Bez obzira koliko je problem mali, naši stručnjaci će rado pomoći kupcu savetom i pružiti mu brzu podršku u rešavanju istog.

Korišćenjem poslednjih dostignuća u razvoju tehnologije naša modernizovana proizvodnja je u stanju da brzo odgovori na sve potrebe naših kupaca. Ceste promene i male serije ne predstavljaju problem.

WEMARO Alati su testirani u skladu sa najvišim standardima kvaliteta i stalno unapređivani i poboljšavani.

## About us WEMARO Tools GmbH

The World Leading Supplier of tools for the manufactures of windows and doors

We are a dynamic organisation with a wide breadth of experience in the development, manufacture and sales of cutting tools for UPVC-, aluminium, steel and composite materials and profiles for the industries of windows, doors and curtain walls.

Our specialised knowledge is highly valued by our customers and is a corner stone of our business strategy. We work together with our customers to provide the best solution for their application. But no matter how small the problem, our specialists are delighted to serve our customers giving advice and speedy applications support.

Incorporating all the recent developments in technology our streamlined production methods enable us to react fast to our customer needs. On-off's and small batches are generally no problem.

WEMARO Tools are tested to the highest quality standards and are continually developed and improved.



# WEMARÉ



### HSS glodala i glodala od tvrdog metala

Artikli kategorije 91000 do 91155  
Za PVC, aluminijum, čelik i kompozitne materijale

### Milling Cutters HSS-E and tungsten-carbide

product categories 91000 to 91155  
for UPVC-, aluminium-, steel- and composite materials



### HSS burgije i burgije od tvrdog metala

Artikli kategorije 91201 do 91600  
Za PVC, aluminijum, čelik i kompozitne materijale

### Drill bits HSS-E and tungsten-carbide

product categories 91201 to 91600  
for UPVC-, aluminium-, steel- and composite materials



### Testere HSS, tvrdi metal i dijamantski polikristal-PCD

Artikli kategorije 92000 do 92061  
Za PVC, aluminijum, čelik i kompozitne materijale

### Sawblades HSS-E, carbide-tipped and PCD

product categories 92000 bis 92061  
for UPVC-, aluminium-, steel- and composite materials



### Pribor, alati i rezervni delovi

Artikli kategorije 93000 do 95630  
Za proizvodnje prozora, vrata i fasada

### Accessories and spare parts

product categories 93000 bis 95630  
for the industries of windows, doors and curtain walls

**Specijalna sečiva za rezanje npr.**

**REHAU GENE0 & ALUPLAST ENERGETO**

\*i svih profila ojačanih fiberglass-om i ekstrudiranom gumom

\*za dodatne informacije pozovite

**precizni rez**

**dug vek trajanja**

**ekonomičnost**

**smanjena buka**

**WEWARO®**

SINCE 1989

## za glodanje i bušenje aluminijumskih i PVC profila

- na kopirnim glodalicama, glodalicama za drenaže i CNC mašinskim centrima:

- AFS, BJM, elumatec, Emmegi, FOM, Haffner, KABAN, Kombimatec, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Schirmer, Striffler, TEKNA, Thorwesten, Wegoma, itd.
- Broj obrtaja ca. 8.000 - 20.000 O/min
- Direktno i adekvatno hlađenje je neophodno pri obradi aluminijuma !

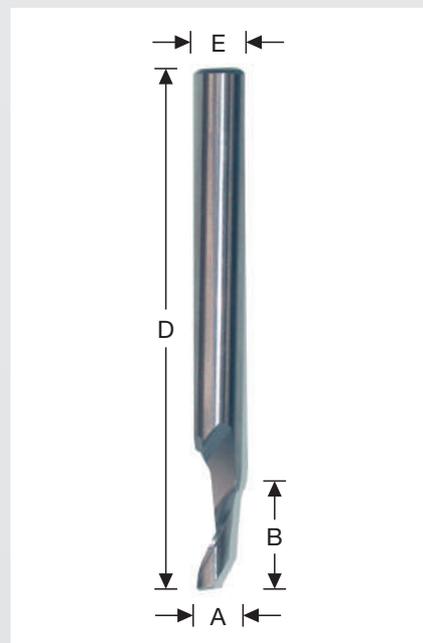
## Single flute cutter HSS-E

### for slotting and drilling in Aluminium- and UPVC-profiles

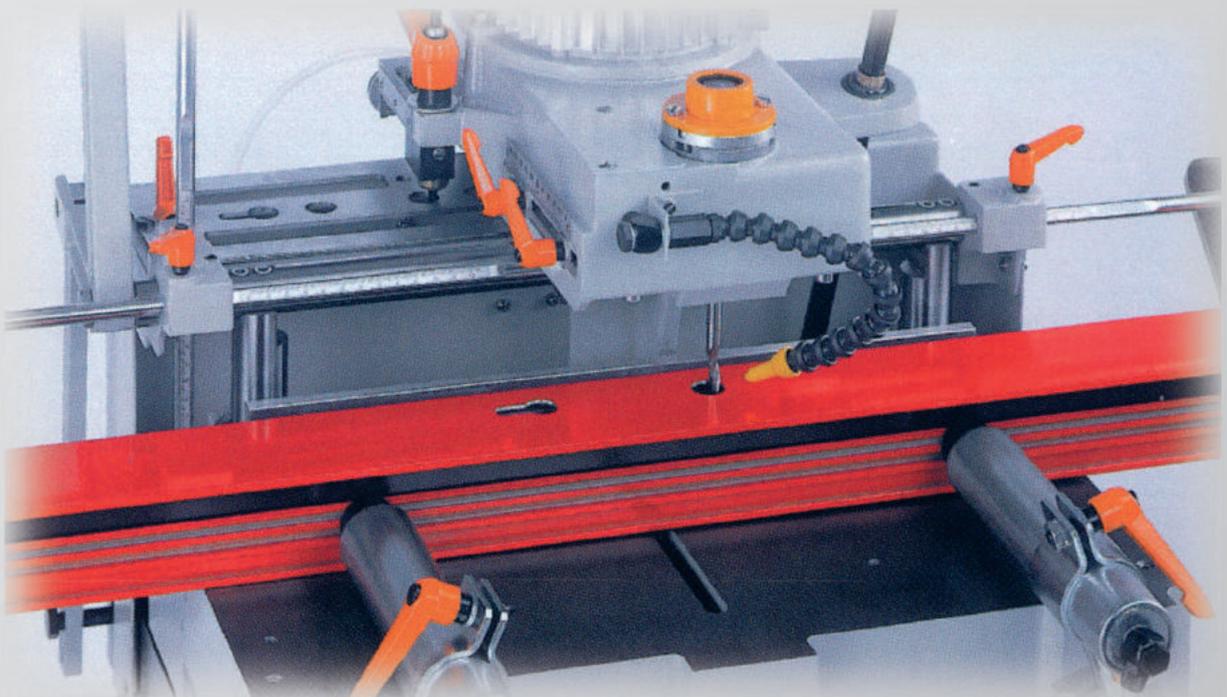
- used on copyrouters, drainage slot routers and CNC-machining-centres:

- AFS, BJM, elumatec, Emmegi, FOM, Haffner, KABAN, Kombimatec, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Schirmer, Striffler, TEKNA, Thorwesten, Wegoma, etc.
- speed approx. 8.000 - 20.000 rpm
- direct and adequate cooling-spray is particularly important for aluminium working !

Art.-Nr.	A	B	D	E
060 008 003	3	12	60	8
060 006 004	4	12	60	6
060 008 004	4	12	60	8
060 008 204	4	20	60	8
080 008 004	4	12	80	8
080 008 254	4	25	80	8
010 008 254	4	25	100	8
010 008 124	4	12	100	8
011 008 004	4	40	100	8
011 008 204	4	20	120	8
060 006 005	5	12	60	6
060 008 005	5	12	60	8
060 008 185	5	18	60	8
070 008 255	5	25	70	8
080 008 255	5	25	80	8
080 008 355	5	35	80	8
090 008 255	5	25	90	8
090 008 355	5	35	90	8
010 008 145	5	14	100	8
011 008 025	5	20	100	8
011 008 255	5	25	100	8
011 008 305	5	30	100	8
011 008 005	5	40	100	8
011 008 545	5	45	100	8
020 008 005	5	14	120	8
011 008 205	5	40	120	8
060 006 006	6	14	60	6
060 008 006	6	14	60	8
070 008 256	6	25	70	8
080 008 006	6	14	80	8
080 008 256	6	25	80	8
010 008 146	6	14	100	8
011 008 006	6	40	100	8
060 008 007	7	14	60	8
080 008 007	7	14	80	8
080 008 008	8	14	80	8
080 008 258	8	25	80	8
080 008 408	8	40	80	8
010 008 008	8	14	100	8
010 008 258	8	25	100	8



011 008 008	8	40	100	8
020 008 008	8	14	120	8
020 008 258	8	25	120	8
020 008 408	8	40	120	8
080 008 009	9	14	80	8
011 008 009	9	40	100	8
080 008 010	10	14	80	8
010 008 140	10	14	100	8
010 008 010	10	22	100	8
080 010 010	10	14	80	10
020 010 010	10	14	120	10
080 008 011	11	14	80	8
080 008 012	12	14	80	8
090 008 512	12	50	90	8
010 008 012	12	28	100	8
080 010 012	12	14	80	10



## za glodanje i bušenje aluminijumskih i PVC profila

- na kopirnim glodalicama, glodalicama za drenaže i CNC mašinskim centrima:

AFS, BJM, elumatec, Emmegi, FOM, Haffner, KABAN, Kombimatec, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Schirmer, Striffler, TEKNA, Thorwesten, Wegoma, itd.

- Broj obrtaja ca. 8.000 - 20.000 O/min

- Direktno i adekvatno hlađenje je neophodno pri obradi aluminijuma !

## Single flute cutter HSS-E - stepped shank -

### for slotting and drilling in Aluminium- and UPVC-profiles

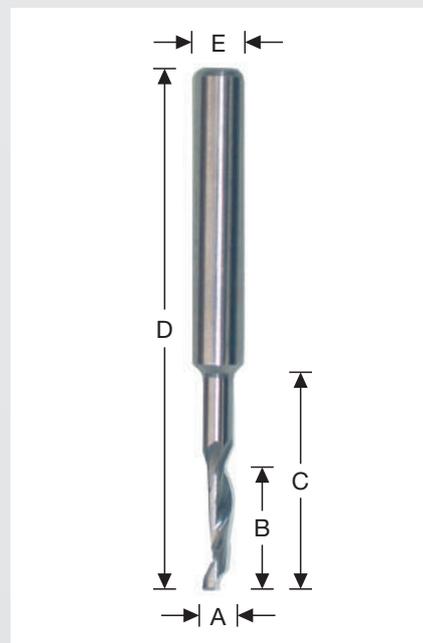
- used on copyrouters, drainage slot routers and CNC-machining-centres:

AFS, BJM, elumatec, Emmegi, FOM, Haffner, KABAN, Kombimatec, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Schirmer, Striffler, TEKNA, Thorwesten, Wegoma, etc.

- speed approx. 8.000 - 20.000 rpm

- direct and adequate cooling-spray is particularly important for aluminium working !

Art.-Nr.	A	B	C	D	E
080 108 004	4	18	35	80	8
090 108 004	4	16	45	90	8
080 106 005	5	18	35	80	6
080 108 005	5	18	35	80	8
090 108 005	5	16	45	90	8
090 108 155	5	16	55	90	8
010 108 005	5	18	35	100	8
010 108 255	5	25	55	100	8
020 108 005	5	14	35	120	8
020 108 175	5	14	75	120	8
020 108 145	5	20	45	120	8
025 108 005	5	14	65	125	8
080 108 006	6	14	35	80	8
090 108 006	6	16	45	90	8
010 108 006	6	18	35	100	8
080 108 007	7	14	45	80	8
080 108 008	8	14	54	80	8
010 108 008	8	14	68	100	8
010 108 308	8	30	70	100	8
020 108 008	8	14	90	120	8
020 108 308	8	30	70	120	8
085 110 010	10	14	65	85	10
090 010 451	10	25	45	90	10
096 110 010	10	14	75	96	10
010 110 010	10	30	70	100	10
020 110 010	10	14	95	120	10
020 110 310	10	30	70	120	10



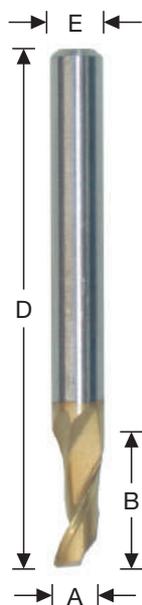
## Jednopera HSS glodala

91003

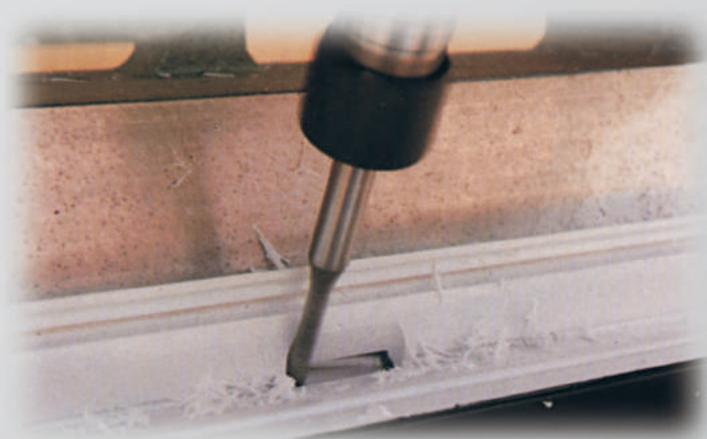
- TIN-ojačana ( titanijum nitrit )  
za duži vek trajanja u PVC profilima

### Single flute cutter HSS-E

- *TIN-coated*  
for longer durability in UPVC-Profiles



Art.-Nr.	A	B	C	D	E
060 018 004	4	12		60	8
060 018 005	5	12		60	8
060 018 185	5	18		60	8
080 118 005	5	18	35	80	8
090 118 005	5	16	45	90	8
011 018 255	5	25		100	8
011 018 005	5	40		100	8
060 018 006	6	14		60	8
080 018 008	8	14		80	8
080 118 008	8	14	54	80	8
020 018 008	8	14		120	8



**Perfektni vodeni kanali - za sve odgovarajuće glodalice vodenih drenaža**  
**Perfect waterslots – for all scope the suitable drainage cutter**

## Jednopera HSS glodala

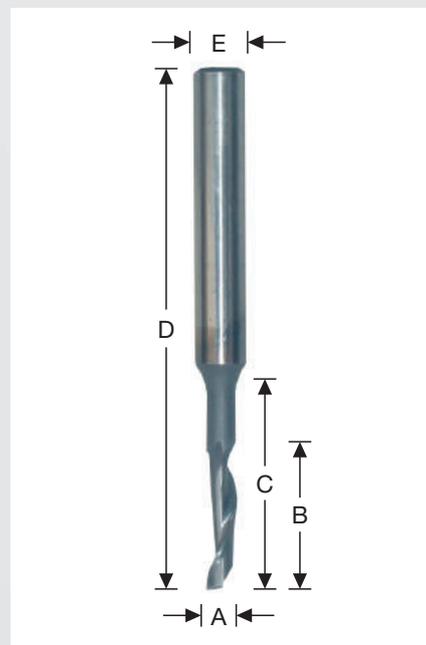
91004

- CrN- ojačana ( hrom nitrit )  
za duži vek trajanja u aluminijumskim profilima

### Single flute cutter HSS-E

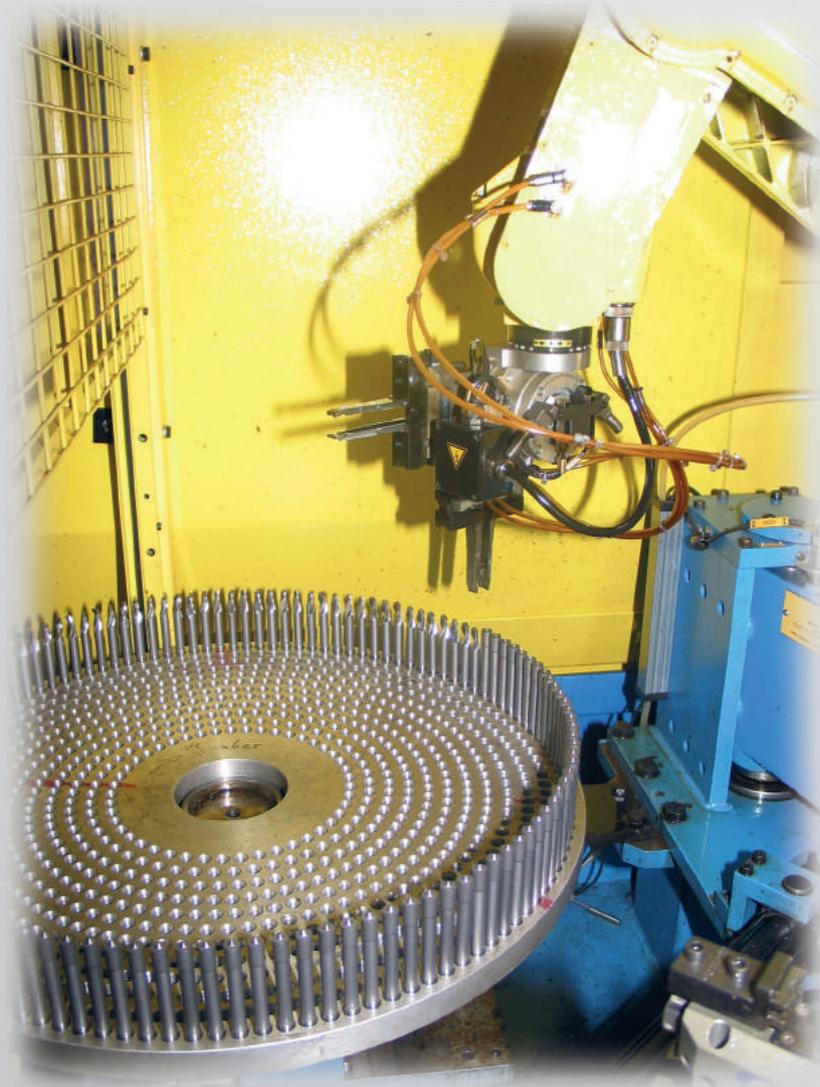
- CrN-coated  
for longer durability in Aluminium-profiles

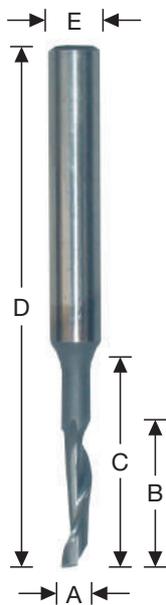
Art.-Nr.	A	B	C	D	E
060 028 003	3	12		60	8
060 028 004	4	12		60	8
060 028 005	5	12		60	8
060 028 185	5	18		60	8
080 128 005	5	18	35	80	8
080 028 355	5	35		80	8
060 028 006	6	14		60	8
060 028 007	7	14		60	8
080 028 008	8	14		80	8
080 128 008	8	14	54	80	8
080 028 258	8	25		80	8
090 028 451	10	25	45	90	10



**Potpuno automatizovani CNC centri za brušenje sa CBN tehnologijom  
garantujunajviši stepen preciznosti u svakom ponavljanju obrade**

**Fully automatic CNC grinding centres with \*CBN grinding  
technology guarantee highest precision and repetition (\*cubic boron nitride)**





## Jednopera HSS glodala

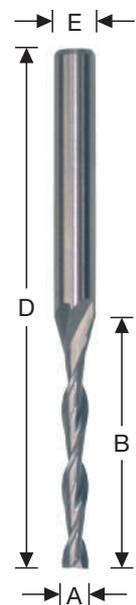
91005

- TiCN-titanijum karbon nitrit  
za duži vek trajanja u aluminijumskim i PVC profilima

### Single flute cutter HSS-E

- **TiCN-coated**  
for longer durability in Aluminium- and UPVC-profiles

Art.-Nr.	A	B	C	D	E
060 048 005	5	12		60	8
060 048 006	6	14		60	8
060 048 007	7	14		60	8
080 048 008	8	14		80	8
080 148 005	5	18	35	80	8
080 148 008	8	14	54	80	8



## Glodala za drenaže HSS

91010

za drenažne glodalice  
elumatec, Haffner, Kombimatec, MLA, ROTOX, Striffler, Wegoma, itd.

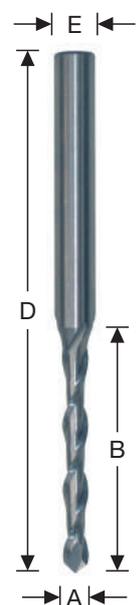
Duplo sečivo, spiralno  
Za obradu aluminijuma

### Waterslot cutter HSS-E

for elumatec, Haffner, Kombimatec, MLA, ROTOX, Striffler, Wegoma, etc.

**Two flutes, spiral**  
For aluminium-working

Art.-Nr.	A	B	D	E
012 008 905	5	30	90	8
012 008 005	5	40	100	8



## Glodala za drenaže HSS

91011

za drenažne glodalice  
elumatec, Haffner, Kombimatec, MLA, ROTOX, Striffler, Wegoma, itd.

Duplo sečivo, spiralno. Vrh kao kod burgije  
Za obradu PVC profila

### Waterslot cutter HSS-E

for elumatec, Haffner, Kombimatec, MLA, ROTOX, Striffler, Wegoma, etc.

**Two flutes, spiral with drill point**  
For UPVC-working

Art.-Nr.	A	B	D	E
014 006 005	5	45	100	6
014 008 305	5	30	90	8
014 008 495	5	40	90	8
014 008 405	5	40	100	8

## HSS Glodalo za obradu

91012

za elumatec, Haffner, Kombimatec, MLA, ROTOX, Pertici, itd.

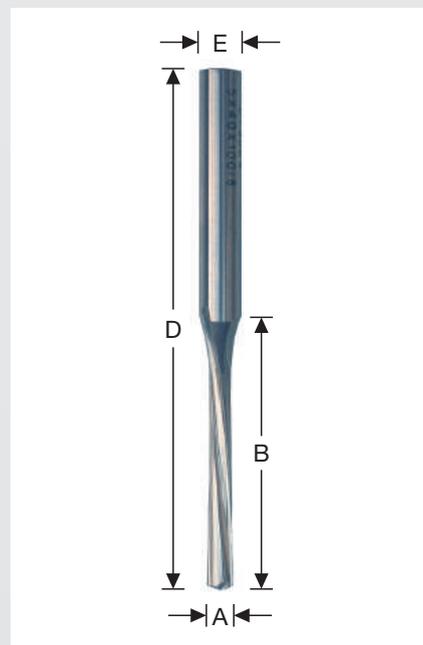
**Duplo sečivo, spiralno, tkz. spora spirala, RH/LH**  
za obradu aluminijumskih i PVC profila.  
Specijalno dizajnirano protiv lomljenja sa dodatnom snagom.

### Milling cutter HSS-E

for elumatec, Haffner, Kombimatec, MLA, ROTOX, Pertici, etc.

**Two flutes, spiral, slow spiral, RH cut / LH spiral**  
for aluminium- and UPVC-routing and waterslotting.  
Specially designed to give added strength and prevent breakages.

Art.-Nr.	A	B	D	E
015 008 440	4	40	100	8
015 008 535	5	35	80	8
015 008 540	5	40	100	8
015 008 545	5	45	120	8



## Glodala za drenaže HSS

91021

za drenažne glodalice  
elumatec, Haffner, Kombimatec, MLA, ROTOX, Striffler, Wegoma, itd.

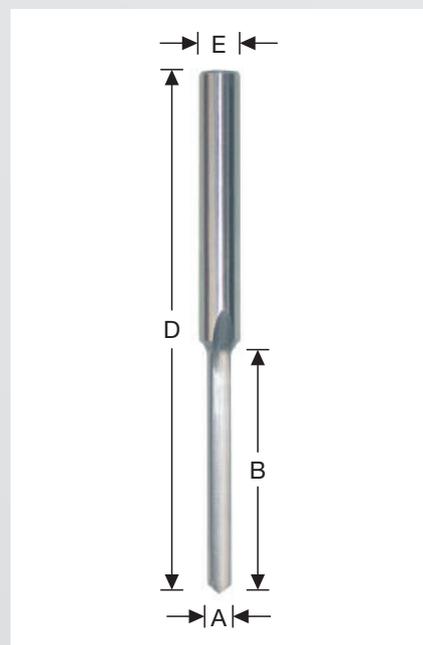
**Duplo sečivo, pravo. Vrh kao kod burgije**  
Za obradu PVC profila

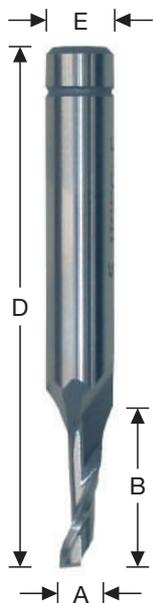
### Waterslot cutter HSS-E

for elumatec, Haffner, Kombimatec, MLA, ROTOX, Striffler, Wegoma, etc.

**Single flute, straight, with drill point**  
For UPVC-working

Art.-Nr.	A	B	C	D	E
013 008 254	4	25		100	8
013 008 705	5	30		70	8
013 008 305	5	35		80	8
013 008 485	5	45		90	8
013 008 355	5	35		100	8
013 008 455	5	45		100	8
013 008 555	5	55		100	8
013 120 545	5	45		120	8
013 008 306	6	30		100	8
013 008 456	6	45		100	8
013 108 308	8	30	62	100	8
013 708 305	5	30		100	8





## Jednopera HSS glodala

91022

### Specijalna glodala za obradu čeličnih profila

- za korišćenje na kopirnim glodalicama i CNC mašinskim centrima:

- elumatec, Emmegi, Haffner, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Striffler, TEKNA, Wegoma, itd.
- Broj obrtaja ca. 6.000 - 12.000 O/Min
- **Direktno i adekvatno hlađenje je neophodno pri obradi čelika!**

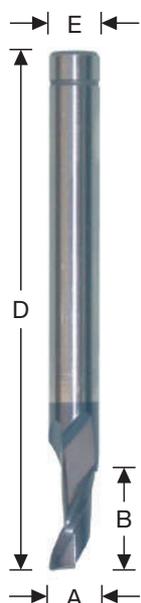
### Single flute cutter HSS-E

#### Special cutters for steel cutting

- used on copyrouters and CNC-machining-centres:

- elumatec, Emmegi, Haffner, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Striffler, TEKNA, Wegoma, etc.
- speed approx. 6.000 - 12.000 rpm
- *direct and adequate cooling-spray is particularly important for steel working !*

Art.-Nr.	A	B	D	E
160 008 005	5	12	60	8
180 008 008	8	14	80	8



## Jednopera HSS glodala

91023

### Specijalna glodala za obradu čeličnih profila

-  **dodatno ojačana za duži radni vek**

- za korišćenje na kopirnim glodalicama i CNC mašinskim centrima:

- elumatec, Emmegi, Haffner, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Striffler, TEKNA, Wegoma, itd.
- Broj obrtaja ca. 6.000 - 12.000 O/Min
- **Direktno i adekvatno hlađenje je neophodno pri obradi čelika!**

### Single flute cutter HSS-E

#### Special cutters for steel cutting

- **coated for longer durability**

- used on copyrouters and CNC-machining-centres:

- elumatec, Emmegi, Haffner, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Striffler, TEKNA, Wegoma, etc.
- speed approx. 6.000 - 12.000 rpm
- *direct and adequate cooling-spray is particularly important for steel working !*

Art.-Nr.	A	B	D	E
160 038 005	5	12	60	8
180 038 008	8	14	80	8

## Jednopero, spiralno Specijalno glodalo za čelične profile

- za korišćenje na kopirnim glodalicama i CNC mašinskim centrima:

- elumatec, Emmegi, Haffner, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Striffler, TEKNA, Wegoma, itd.
- Broj obrtaja ca. 6.000 - 12.000 O/Min
- Direktno i adekvatno hlađenje je neophodno pri obradi čelika!

Za obradu čeličnih profila na ručnim kopirnim glodalicama

## Double-ended single flute cutter -solid carbide-

### Single flute, spiral

### Special cutters for steel cutting

- used on copyrouters and CNC-machining-centres:

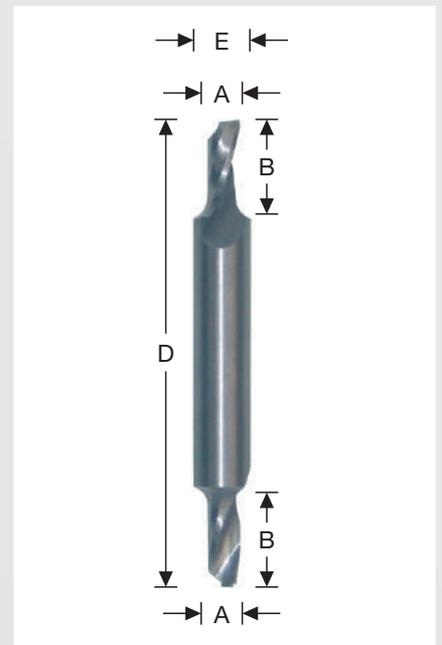
- elumatec, Emmegi, Haffner, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Striffler, TEKNA, Wegoma, etc.

- speed approx. 6.000 - 12.000 rpm

- direct and adequate cooling-spray is particularly important for steel working !

For working steel profiles on copy-routers

Art.-Nr.	A	B	D	E
065 708 005	5	11	65	8



Proizvodnja glodala u modernom postrojenju sa CNC tehnologijom

*Production on modern machine plants combined with up-to-date CNC technique*

Specijalo obrađeno za lakše bušenje

## Duplo sečivo, spiralno

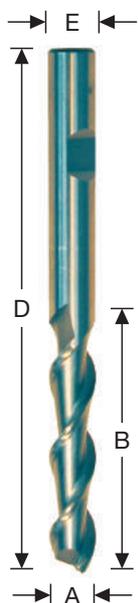
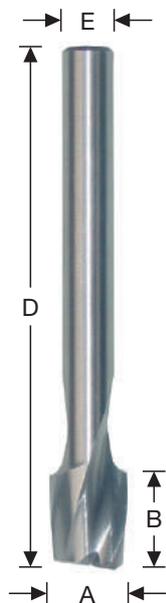
Za aluminijumske i PVC profile. Aluma mašine

## Milling cutter HSS-E

*special grinded for easy drilling*

### Two flutes, spiral

*For aluminium and UPVC*



Art.-Nr.	A	B	C	D	E
082 008 004	4	12		60	8
082 008 005	5	12		60	8
082 008 006	6	14		60	8
082 008 007	7	14		60	8
082 008 008	8	14		80	8
082 008 208	8	30		100	8
082 008 308	8	40		100	8
082 108 258	8	25	80	120	8
082 010 008	8	38		88	10
082 008 010	10	14		80	8
082 010 010	10	45		95	10
012 010 010	10	25		120	10
082 008 012	12	14		80	8
082 012 012	12	35		90	12
012 012 012	12	30		120	12
082 012 112	12	53		110	12
082 012 013	13	26		73	12
082 012 014	14	35		90	12
082 012 114	14	53		110	12
082 012 016	16	35		90	12
082 016 016	16	63		123	16
082 012 018	18	35		90	12
082 016 018	18	63		123	16
082 012 020	20	35		90	12
082 020 020	20	75		141	20

## Glodala za obradu HSS

91026

### Duplo sečivo, ravno

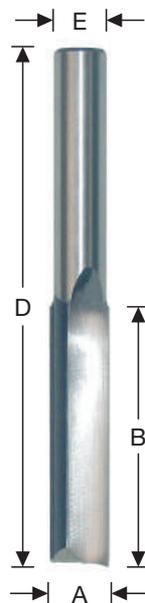
Za obradu aluminijumskih i PVC profila (npr. otvor za bravu). Haffner mašine

### Slot milling cutter HSS-E

#### Two flutes, straight

For UPVC-working, used on copyrouters

Art.-Nr.	A	B	D	E		
080 008 275	5	27	80	8		
010 008 305	5	35	100	8		
010 008 306	6	30	100	8		
010 008 307	7	30	100	8		
090 008 158	8	15	90	8		
010 008 308	8	30	100	8		
075 010 008	8	30	75	10		
075 008 010	10	40	75	8		
097 010 010	10	40	97	10		
097 010 110	10	50	100	10		
020 010 251	10	25	120	10		
075 008 012	12	40	75	8		
075 010 012	12	40	75	10		
097 010 012	12	48	97	10		
097 010 014	14	48	97	10		
097 010 016	16	48	97	10		
097 010 018	18	48	97	10		
097 710 010	10	40	97	10	HM-best.	Carb. tip.
097 710 012	12	40	97	10	HM-best.	Carb. tip.
097 710 014	14	40	97	10	HM-best.	Carb. tip.
090 778 016	16	30	90	8	HM-best.	Carb. tip.
097 710 016	16	45	97	10	HM-best.	Carb. tip.



## Glodalo za otvor brave HSS

91027

### Duplo sečivo, spiralno

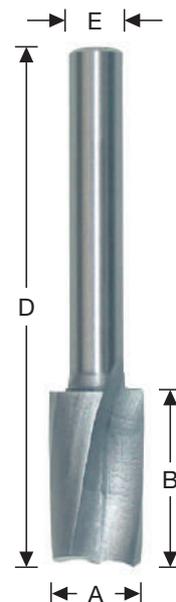
Za obradu PVC profila. Rotox mašine

### Slot milling cutter HSS-E

#### Two flutes, spiral

For UPVC-working

Art.-Nr.	A	B	D	E		
082 008 312	12	25	75	8		
082 008 412	12	25	85	8		
082 008 512	12	50	90	8		
082 008 314	14	25	75	8		





## Burgija-glodalo HSS - elumatec -

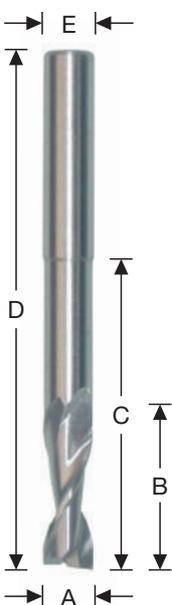
91029

za KF 78/60

### Routing drill HSS-E - elumatec -

for elumatec KF 78/60

Art.-Nr.	A	B	D	E
078 365 100	10	90	148	10
078 365 101	10	72	126	10



## Dvopero glodalo HSS - elumatec -

91030

za KF 178

Dva sečiva , spiralno

R = Desna rotacija - L = Leva rotacija

### Milling cutter HSS-E - elumatec -

for elumatec KF 178

Two flutes, spiral

R = RH-rotation - L = LH-rotation

Art.-Nr.	A	B	C	D	E	
178 366 010	10	22	60	100	10	R
178 366 110	10	22	40	100	10	L
178 366 210	10	22	70	120	10	R

## Stepenasto glodalo HSS

91031

za ROTOX-kopir glodalicu

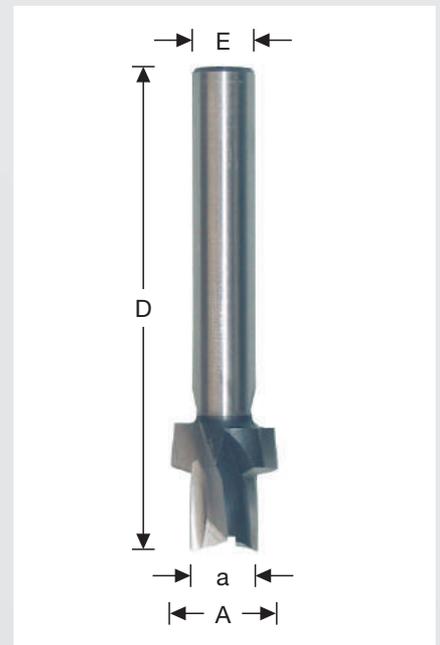
R = Desna rotacija - L = Leva rotacija

### Stepped cutter HSS-E

for ROTOX-copy routers

R = RH-rotation - L = LH-rotation

Art.-Nr.	a	A	D	E	
015 361 017	10,5	17,5	75	10	R
015 361 117	10,5	17,5	75	10	L
015 361 617	10,5	17,5	95	10	R
015 361 717	10,5	17,5	95	10	L



## Glodala za CNC obradu HSS

91032

za sve modele čistilica

za elumatec, Stürtz, Urban, Rotox, Wegoma, itd.

Ojačane verzije na zahtev.

TIN-verzija na zahtev

### Router cutter & gasket groove cutter HSS-E

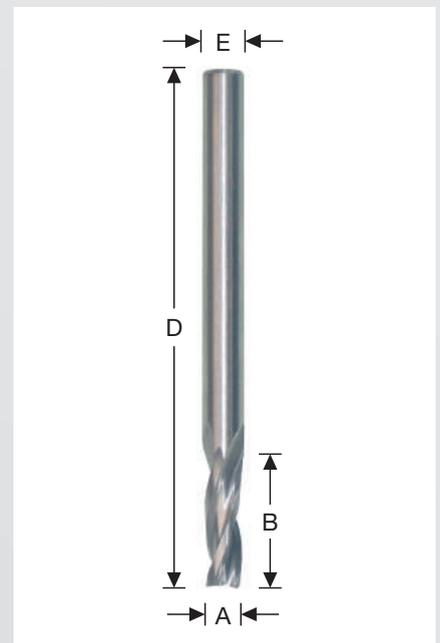
for corner cleaning machines

as elumatec, Stürtz, Urban, Rotox, Wegoma, etc.

Solid-carbide on demand.

TIN-coating on demand

Art.-Nr.	A	B	D	E	Z/T	
068 006 005	5	24	68	6	2	
068 006 006	6	24	68	6	2	
016 706 006	6	20	120	6	2	VHM / TC
016 178 006	6	25	100	8	2	VHM / TC
016 128 206	6	20	120	8	2	
016 128 306	6	20	120	8	3	
055 006 065	6,5	16	55	6	2	
066 006 065	6,5	16	66	6	2	
075 006 065	6,5	16	75	6	2	
066 006 070	7	16	66	6	2	
016 108 207	7	20	100	8	2	
016 108 307	7	20	100	8	3	
016 178 007	7	25	100	8	2	VHM / TC
016 128 207	7	20	120	8	2	
016 128 307	7	20	120	8	3	
055 006 075	7,5	16	55	6	2	
066 006 075	7,5	16	66	6	2	
075 006 075	7,5	16	75	6	2	
016 108 308	8	20	100	8	3	
016 128 208	8	20	120	8	2	
016 128 308	8	20	120	8	3	
016 128 210	10	20	120	8	2	
016 128 310	10	20	120	8	3	
016 128 211	12	12	120	8	2	
016 128 212	12	12	120	8	3	



Glodala i burgije za čišćenje profila sa gumom?

Nema problema - na lageru imamo preko 40 različitih veličina i tipova...

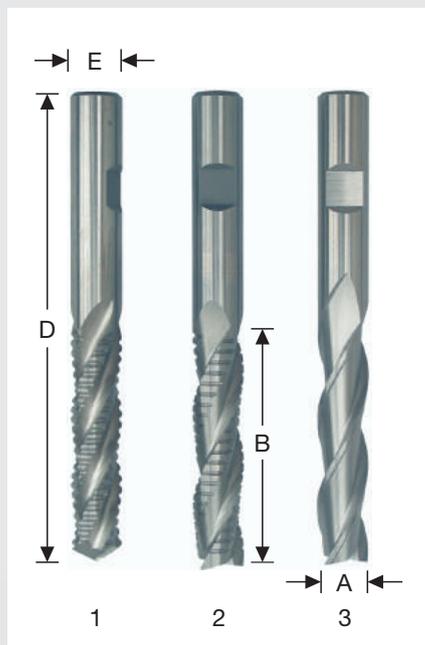
*Routers/drills for gasket grooves? No problem - we keep in stock more than 40 several sizes and types...*

za obradu na CNC mašinama elumatec, Stürtz, Thorwesten, Wegoma, itd.

### Slot milling cutter HSS-E

for CNC-machines as elumatec, Stürtz, Thorwesten, Wegoma, etc.

Art.-Nr.	A	B	D	E	Z/T	P
084 010 010	10	45	95	10	4	2
084 010 910	10	45	95	10	4	1
084 012 012	12	53	110	12	4	2
084 012 212	12	53	110	12	3	2
084 012 112	12	53	110	12	4	3
084 012 312	12	53	110	12	3	3
084 012 912	12	53	110	12	4	1
084 012 013	13	53	110	12	4	2
084 012 214	14	53	110	12	3	2
084 012 914	14	53	110	12	4	1

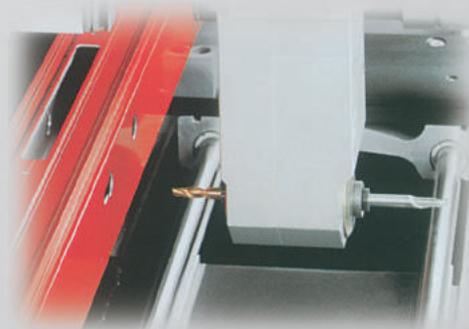
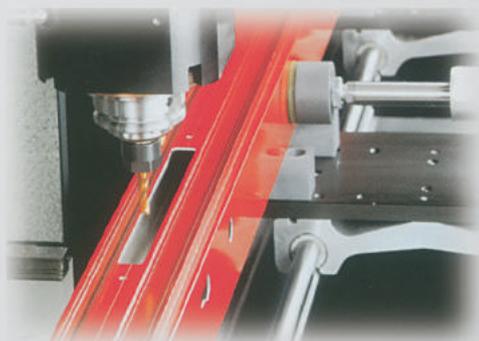


Glodala za obradu (grubu i završnu) za

ekonomičan rad npr. na otvorima za bravu ili

na industrijskim profilima, itd.

*Slot milling cutters (also roughing type) for economical working on lockboxes or industrial profiles etc.*

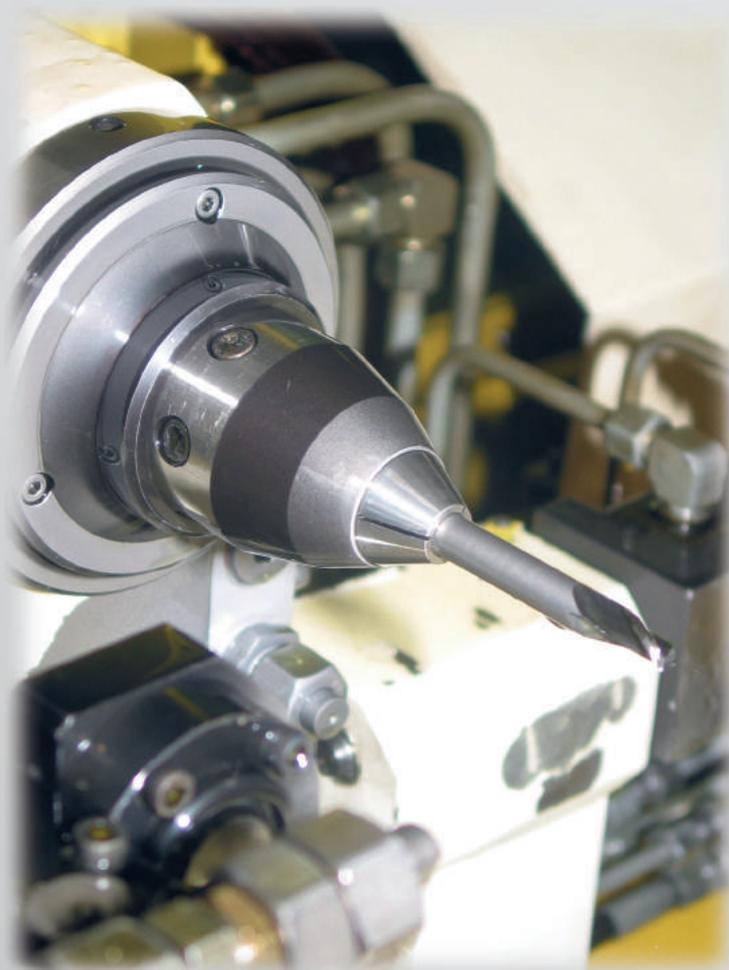
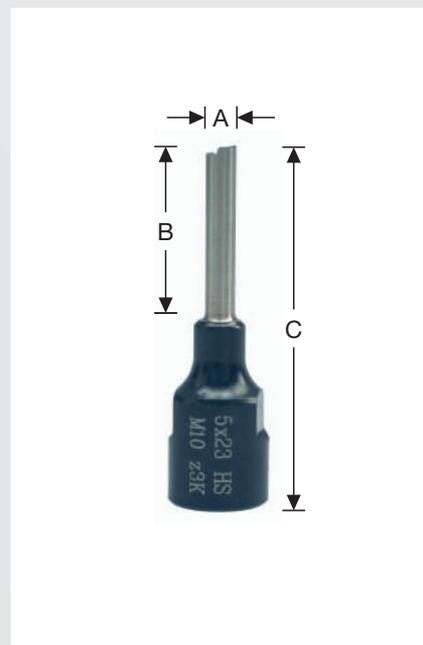


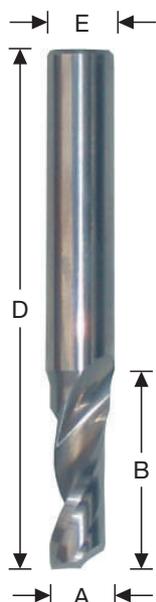
Za korišćenje na ručnim glodalicama npr. Rotox, Striffler, STRIMA, itd.

## Milling cutter HSS, female thread M10

for working UPVC-profiles with hand-routers as Rotox, Striffler, STRIMA, etc.

Art.-Nr.	A	B	C	
052 100 003	3	8	52	
035 100 004	4	10	35	
052 100 004	4	12	52	
035 100 005	5	10	35	
052 100 005	5	23	52	
052 100 006	6	23	52	
047 100 008	8	26	47	
043 100 010	10	20	43	
050 100 115	11,5	17	50	
043 100 012	12	14,5	43	
043 100 112	12	23	43	
058 100 012	12	38	58	
080 100 012	12	45	80	M12x1
043 100 014	14	21	43	
043 100 016	16	23	43	
043 100 018	18	23	43	
043 700 012	12	14,5	43	HM Carb.-tip.





za glodanje i bušenje aluminijumskih i PVC profila - primena na mašinskim obradnim centrima:

BJM, elumatec, Emmegi, FOM, Haffner, Handtmann, HEFI, Italmac, Mecal, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Schirmer, Schüco, Striffler, TEKNA, Wegoma, itd.

- Broj obrtaja ca. 8.000 - 30.000 O/min
- Direktno i adekvatno hlađenje je neophodno pri obradi aluminijuma !

za obradu aluminijumskih i PVC profila

## Single flute cutter -solid carbide-

**for slotting and drilling in Aluminium- and UPVC-profiles.**

- used on CNC-machining-centres:

BJM, elumatec, Emmegi, FOM, Haffner, Handtmann, HEFI, Italmac, Mecal, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Schirmer, Schüco, Striffler, TEKNA, Wegoma, etc.

- speed approx. 8.000 - 30.000 rpm

- direct and adequate cooling-spray is particularly important for aluminium working !

For working of aluminium- and UPVC profiles

Art.-Nr.	A	B	D	E
050 706 002	2	10	50	6
050 706 003	3	12	50	6
060 708 003	3	12	60	8
070 706 032	3,2	12	70	6
070 704 040	4	12	70	4
060 705 004	4	25	60	5
060 706 004	4	14	60	6
070 706 004	4	8	70	6
070 706 040	4	12	70	6
060 708 004	4	20	60	8
060 705 005	5	20	60	5
070 705 050	5	12	70	5
070 705 005	5	30	70	5
080 705 005	5	40	80	5
080 705 045	5	45	80	5
090 705 005	5	30	90	5
060 706 005	5	20	60	6
080 706 005	5	40	80	6
060 708 005	5	20	60	8
070 708 005	5	15	70	8
070 708 305	5	30	70	8
080 708 005	5	20	80	8
080 708 305	5	30	80	8
080 708 045	5	40	80	8
090 708 205	5	20	90	8
090 708 005	5	30	90	8
010 708 005	5	12	100	8
010 708 025	5	20	100	8
011 708 005	5	40	100	8
020 708 005	5	20	120	8
060 706 006	6	16	60	6
060 706 026	6	20	60	6
070 706 060	6	12	70	6
080 706 036	6	30	80	6
080 706 006	6	40	80	6
010 706 006	6	12	100	6
010 706 306	6	30	110	6

060 708 006	6	16	60	8
060 708 007	7	18	60	8
060 708 008	8	18	60	8
070 708 080	8	12	70	8
070 708 008	8	25	75	8
080 708 358	8	35	80	8
090 708 008	8	35	90	8
010 708 080	8	16	100	8
020 708 008	8	14	120	8
020 708 358	8	35	120	8
150 708 008	8	50	150	8
090 708 510	10	50	90	8
070 710 110	10	22	70	10
070 710 010	10	28	75	10
083 710 010	10	45	83	10
097 710 110	10	40	100	10
010 710 710	10	30	100	10
083 710 012	12	35	83	10
083 710 412	12	45	83	10
070 712 012	12	24	70	12
080 712 012	12	32	80	12
080 712 412	12	42	80	12
090 712 012	12	55	90	12
010 712 712	12	35	100	12
020 712 012	12	40	120	12
083 710 413	13	45	83	10
083 710 014	14	35	83	10
075 714 140	14	26	75	14
090 716 016	16	25	90	16
010 720 020	20	30	100	20

## Jednopero glodalo VHM - HSC

91101

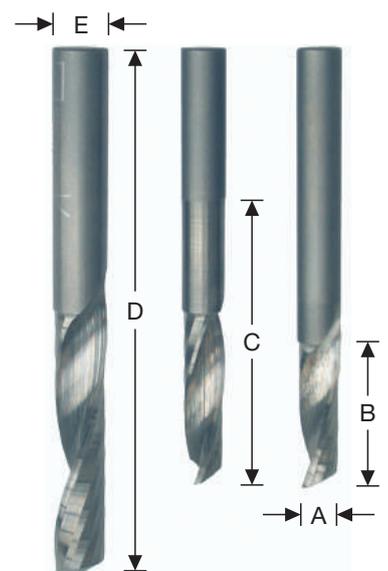
- Specijalno dizajnirano za najveće zahteve na CNC mašinama  
Verzija za velike brzine

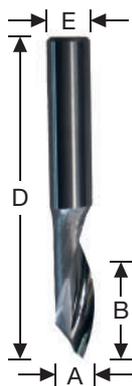
### Single flute cutter -solid carbide-

#### Highspeed version

special designed for highest pretentions used on CNC-machines

Art.-Nr.	A	B	C	D	E
080 708 328	8	27	-	80	8
080 718 328	8	32	50	80	8
010 710 521	10	52	-	100	10





Specijalna verzija za velike brzine obrade na mašinskim obradnim centrima

- npr. elumatec, Emmegi, FOM, Handtmann, Rapid, itd.
- Veća brzina i posmak
- Smanjen nivo buke
- dug vek trajanja

## Single flute cutter -solid carbide- polished

**Special version for high-speed cutting/HSC of aluminium extrusions on CNC-machining centres**

- as elumatec, Emmegi, FOM, Handtmann, Rapid, etc.
- more speed and feed
- reduction in noise level
- extremely long life

Art.-Nr.	A	B	C	D	E
140 390 102	2	7		70	8
140 390 103	3	10		70	8
060 905 004	4	20		60	5
060 908 004	4	12		60	8
140 390 104	4	10		70	8
060 905 005	5	20		60	5
060 908 005	5	20		60	8
140 390 105	5	16		70	8
060 908 006	6	20		60	8
140 390 106	6	16		70	8
140 390 108	8	22		70	8
080 908 008	8	25		80	8
075 910 010	10	30		75	10
084 912 012	12	30		84	12
080 918 004	4	10	40	80	8
080 918 005	5	10	40	80	8
140 391 105	5	20	25	80	8
080 918 006	6	10	40	80	8
080 918 008	8	12	54	80	8
140 391 108	8	22	40	80	8
011 918 010	10	12	80	110	10

## Jednopero glodalo - chipbreaker

91103

Specijalno dizajnirano glodalo sa funkcijom lomljenja strugotine za obradu na mašinskim obradnim centrima

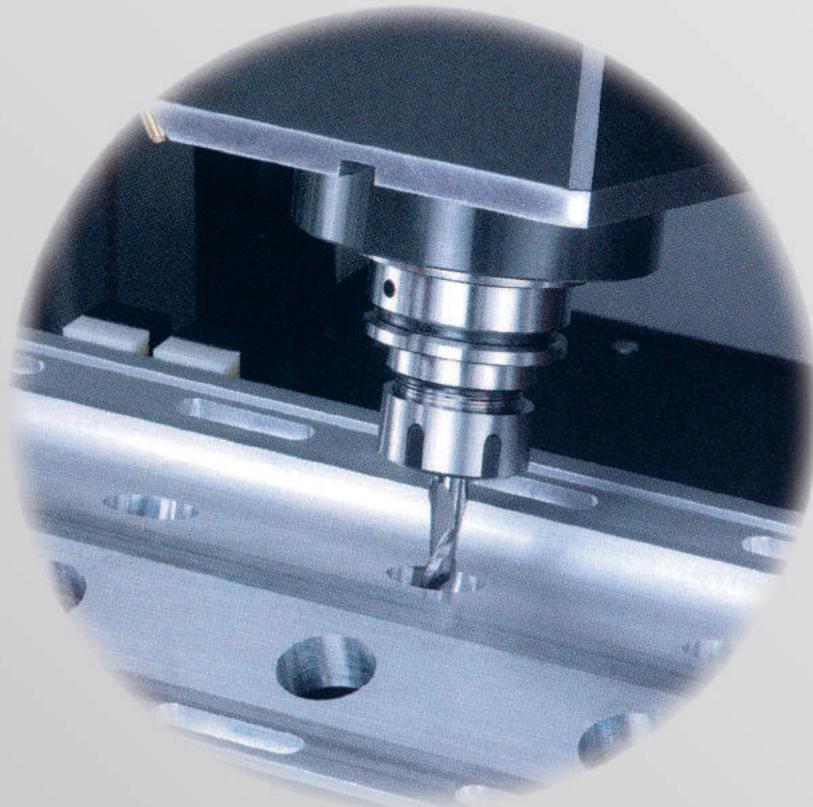
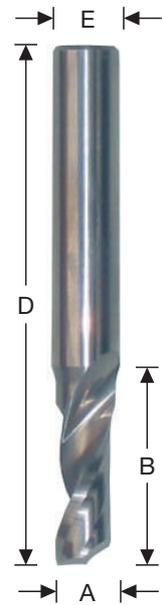
- najbolji rezultati obrade do 6000 mm posmak

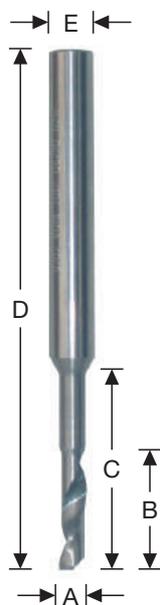
### **Single flute cutter -chipbreaker-**

**Special version with chipbreaker for aluminium extrusions on CNC-machining centres**

- best possible feed up to 6.000 mm and best cutting result

Art.-Nr.	A	B	D	E
070 608 005	5	10	70	8
070 608 006	6	10	70	8
080 608 008	8	14	80	8
080 610 010	10	20	80	10





za obradu aluminijumskih i PVC profila

- da se koristi na mašinskim obradnim centrima:

BJM, elumatec, Emmegi, FOM, Haffner, Handtmann, HEFI, Italmac, Mecal, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Schirmer, Schüco, Striffler, TEKNA, Wegoma, itd.

- Broj obrtaja ca. 8.000 - 30.000 o/min

- Direktno i adekvatno hlađenje je neophodno pri obradi aluminijumskih profila !

## Single flute cutter -solid carbide-

**Stepped shank -**

**for slotting and drilling in Aluminium- and UPVC-profiles.**

- used on CNC-machining-centres:

BJM, elumatec, Emmegi, FOM, Haffner, Handtmann, HEFI, Italmac, Mecal, MLA, Pertici, Pressta-Eisele, Rapid, Rotox, Schirmer, Schüco, Striffler, TEKNA, Wegoma, etc.

- speed approx. 8.000 - 30.000 rpm

- direct and adequate cooling-spray is particularly important for aluminium working !

For working of aluminium- and UPVC profiles

Art.-Nr.	A	B	C	D	E	
070 714 032	3,2	12	40	70	4	
080 718 004	4	15	35	80	8	
077 716 005	5	8	40	77	6	Schüco
080 718 005	5	16	35	80	8	
090 718 005	5	20	45	90	8	
090 718 355	5	35	55	90	8	
010 718 305	5	30	50	100	8	
010 718 405	5	40	50	100	8	
010 718 355	5	30	60	100	8	
011 718 305	5	30	62	110	8	
077 716 006	6	10	40	77	6	Schüco
080 718 006	6	20	35	80	8	
090 718 006	6	20	30	90	8	
070 718 007	7	18	45	70	8	
070 718 008	8	16	40	70	8	
080 718 008	8	10	40	80	8	Schüco
090 718 358	8	35	50	90	8	
010 718 008	8	16	70	100	8	
010 718 258	8	25	60	100	8	
020 718 008	8	35	80	120	8	
011 710 010	10	15	65	110	10	Schüco
011 710 126	10	15	82	126	10	Schüco
010 711 010	10	20	70	100	10	
010 712 012	12	20	70	100	12	
010 716 016	16	30	50	100	16	

## Jednopero glodalo VHM

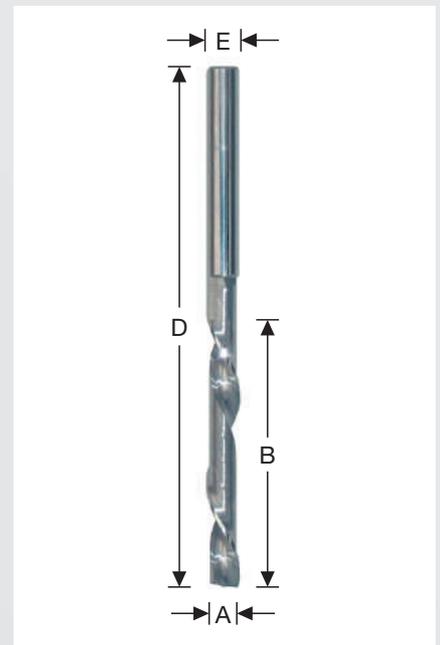
91106

- Specijalna izvedba

### Single flute cutter -solid carbide-

- Special version - RH/cut - LH/spiral - downward chip clearance

Art.-Nr.	A	B	D	E
038 703 203	3	10	38	3
040 704 204	4	14	60	4
060 705 205	5	20	60	5
060 705 255	5	25	60	5
080 705 205	5	40	80	5
080 705 250	5	50	80	5
010 705 205	5	70	100	5
060 706 206	6	20	60	6
075 708 208	8	20	75	8
090 708 208	8	40	90	8
075 710 210	10	30	75	10
075 712 212	12	30	75	12



## Glodalo za vodene kanale VHM

91120

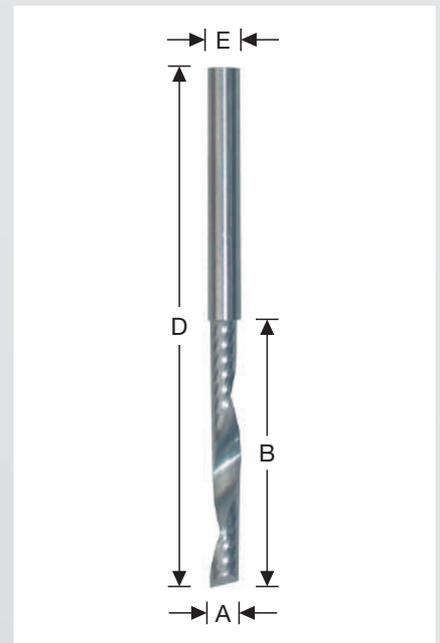
Jedna spirala, burgijasti vrh, pljosnati ugao spirale  
- Specijalna verzija za CNC mašine , npr. SUPERCUT, itd.

### Waterslot cutter -solid carbide-

Single-flute, drill point, flat twist angle

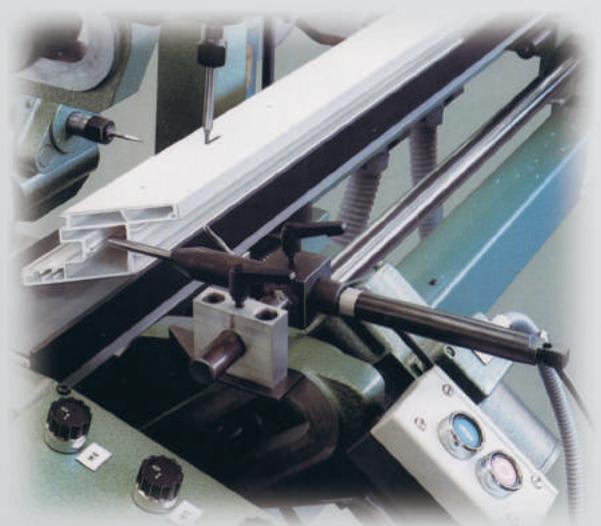
- special version for CNC-machines - as SUPERCUT, etc.

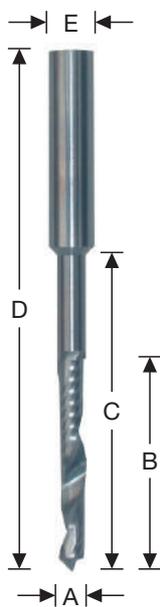
Art.-Nr.	A	B	D	E
060 705 305	5	25	60	5
080 705 305	5	40	80	5
080 706 306	6	40	80	6



Glodala napravljena od tvrdog metala -  
unapređenih uglova rezanja specijalno  
dizajniranih za odradu profila

**Router cutters made of solid carbide –  
advanced cutting angles especially  
for profile working**





Jednopero, spiralno  
 - Specijalna verzija za CNC mašine - sa burgijastim vrhom od 90°  
 - za obradne centre npr. elumatec, Haffner, Handtmann, HEFI, Rapid, Schirmer, Stürtz, itd.

## **Waterslot cutter -solid carbide-**

### **Single flute, spiral**

- special version for CNC-machines - **with drill point 90°**  
 - for machining-centres as elumatec, Haffner, Handtmann, HEFI, Rapid, Schirmer, Stürtz, etc.

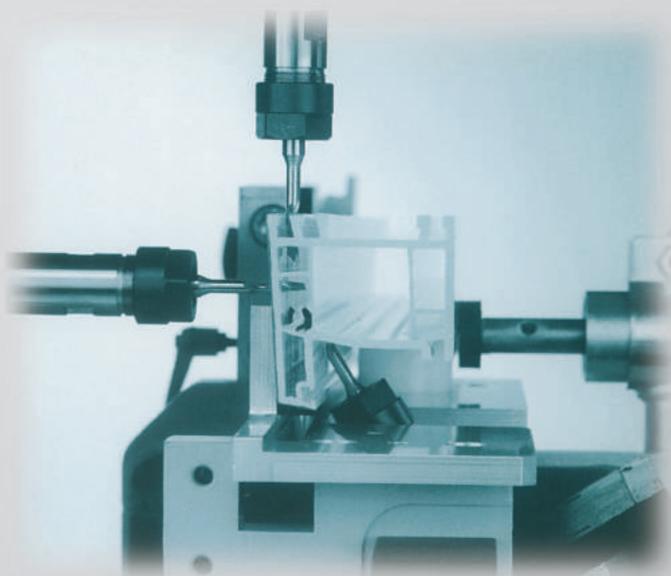
Art.-Nr.	A	B	C	D	E
080 705 405	5	40		80	5
060 708 095	5	20		60	8
080 708 395	5	30		80	8
080 708 405	5	40		80	8
090 708 395	5	30		90	8
090 718 395	5	35	55	90	8
010 718 395	5	35	55	100	8
080 706 406	6	40		80	6
090 706 456	6	45		90	6
010 718 906	6	35	72	110	8

HSS ili tvrdi čelik:

...perfektni drenažni kanali - prikladna glodala za sve drenažne glodalice

**HSS-E or solid carbide:**

**...perfect waterslots – for all scope the suitable drainage cutter**



## Glodalo za drenažu

91122

Jednopero, spiralno VHM-  
Tvrđi metal sa čeličnim prihvatom 8mm

Za obradu PVC profila

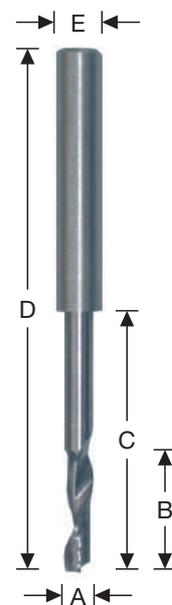
### **Waterslot cutter -solid carbide-**

#### **Single flute, spiral**

solid carbide cutting edge with **steel shank 8 mm**

For UPVC-working

Art.-Nr.	A	B	C	D	E
060 808 005	5	20		60	8
080 808 005	5	20	35	80	8
090 808 005	5	20	45	90	8
090 808 305	5	30		90	8
011 808 495	5	40	50	90	8
090 808 405	5	40	55	90	8
011 808 305	5	30	45	100	8
011 808 405	5	40	50	100	8
020 808 005	5	45	60	120	8



## Glodalo za drenažu

91123

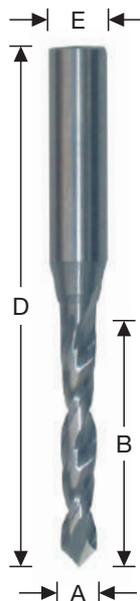
Dve spirale sa burgijastim vrhom od 90°  
za obradne centre npr. elumatec, Haffner, Handtmann, HEFI, Rapid, Schirmer,  
Stürtz, itd.

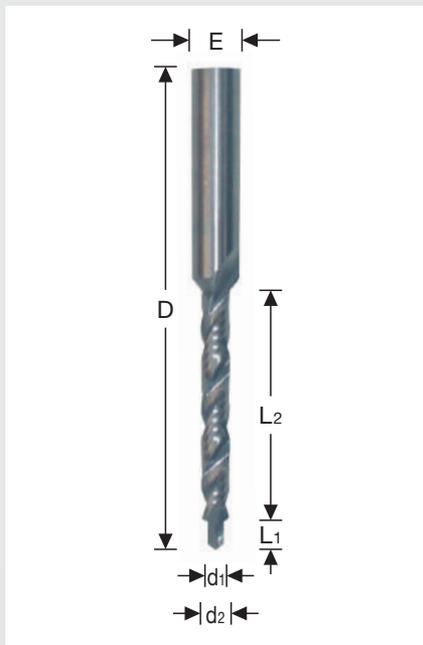
### **Waterslot cutter -solid carbide-**

#### **Two flutes with drill point 90°**

for machining-centres as elumatec, Haffner, Handtmann, HEFI, Rapid, Schirmer, Stürtz,  
etc.

Art.-Nr.	A	B	D	E
014 705 005	5	40	80	5
014 705 405	5	40	100	5
014 708 265	5	20	60	8
014 708 375	5	30	70	8
014 708 405	5	40	80	8
014 708 205	5	20	85	8
014 708 305	5	30	90	8
014 708 415	5	40	100	8
014 708 455	5	45	100	8
014 708 406	6	40	75	8
014 708 496	6	40	95	8
014 708 306	6	30	90	8
014 708 456	6	45	90	8
014 708 658	8	65	100	8





## Stepenasto glodalo

91124

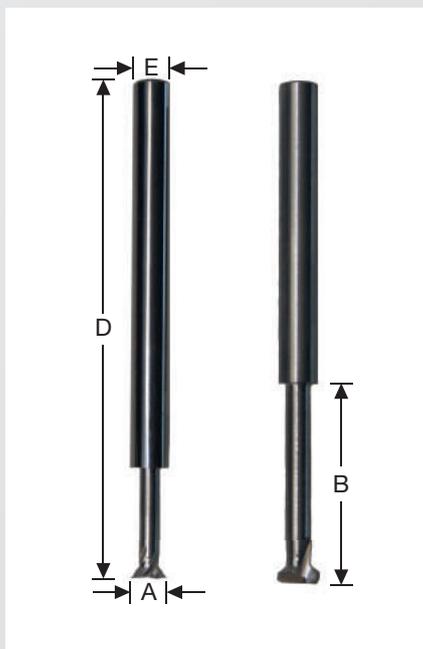
Dve spirale  
za primenu na obradnim centrima npr. elumatec, Haffner, Rapid, Stürtz, itd.  
Za obradu PVC profila

### Stepped cutter -solid carbide-

#### Two flutes

for machining-centres as elumatec, Haffner, Rapid, Stürtz, etc.  
For UPVC-working

Art.-Nr.	d1	l1	d2	l2	D	E
922 083 433	2,0	4,5	5	20	60	8
922 083 447	2,5	4,5	5	20	60	8
922 083 432	2,5	4,5	5	30	70	8
922 083 441	3	4,5	5	20	60	8
922 083 425	3	4,5	5	30	70	8
922 083 450	3	5,5	5	30	70	8
922 083 426	3	4,5	5	40	80	8
922 083 540	3	5,5	5	40	100	8
922 083 440	4	10	5	40	80	8
954 505 004	4	20	8	57	100	8



## T-glodalo VHM

91125

za unutrašnje čišćenje  
- za korišćenje na centrima npr. elumatec, Rotox, Stürtz,  
Urban- razni tipovi i veličine na zahtev

### T-slot cutter solid carbide

for inside corner cleaning  
- for machining-centres as elumatec, Rotox, Stürtz, Urban  
- various types and sizes available

Art.-Nr.	A	B	D	E	Z/T
010 788 090	8	20	100	8	4
273 513 210	8	30	100	8	2
273 513 090	9	50	100	8	2
273 513 120	12	45	100	8	2
273 515 180	12	50	100	8	2
273 513 100	14	45	100	8	2

Jednopera , jedna spirala  
 VHM-tvrđi čelik sa prihvatom 8 mm  
 za obradne centre npr. AFS, BJM, Rotox,  
 SchirmerP1 = Rez u desno / Desna spirala  
 P2 = Rez u desno / Leva spirala  
 P3 = Rez u desno / Desna spirala + korak 2,7x5  
 P4 = Rez u desno / Leva spirala + korak 2,7x5

## Waterslot cutter -solid carbide-

### Single flute, spiral

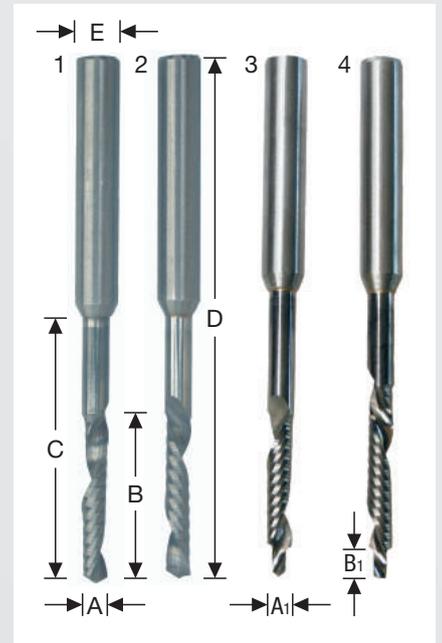
solid carbide, cutting edge with **steel shank 8 mm**  
 for AFS, BJM, Rotox, Schirmer CNC-machining-centre

P1 = RH cut / RH spiral

P2 = RH cut / LH spiral

P3 = RH cut / RH spiral + step 2,7x5

P4 = RH cut / LH spiral + step 2,7x5

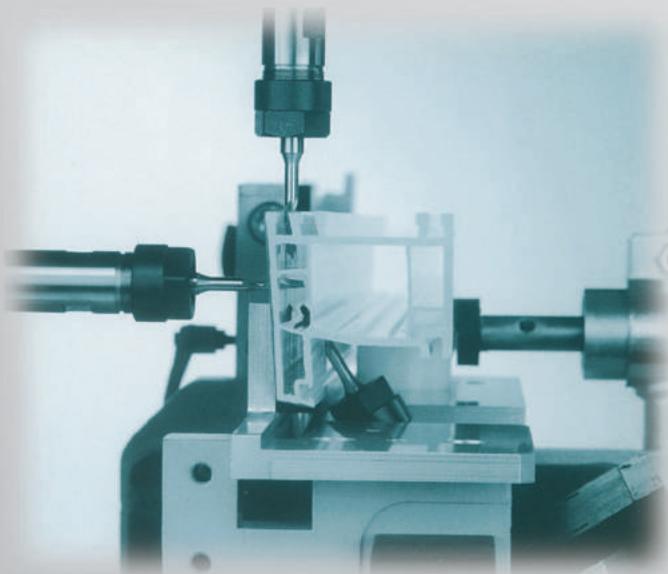


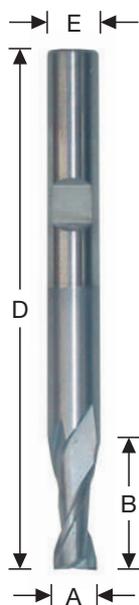
Art.-Nr.	A	B	C	D	E	P
080 838 255	2,7/5	25		80	8	3
010 838 305	2,7/5	30	50	100	8	3
080 808 255	5	25		80	8	1
090 808 345	5	34	45	90	8	1
010 808 305	5	30	50	100	8	1
080 848 305	2,7/5	25		80	8	4
010 848 305	2,7/5	30	50	100	8	4
080 828 255	5	25		80	8	2
080 828 355	5	35		80	8	2
010 828 305	5	30	50	100	8	2

HSS ili tvrdi čelik:...perfektni drenažni kanali - prikladna glodala za sve drenažne glodalice

**HSS-E or solid carbide:**

**...perfect waterslots – for all scope the suitable drainage cutter**





## Glodalo za obradu

91131

za obradu čelika - specijalno ojačanje  
dvopero, spiralno  
za upotrebu na glodalicama i glodalicama sa velikim brojem obrtaja npr.  
Schüco

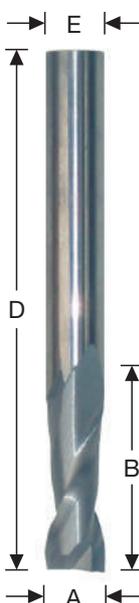
### **Milling cutter -solid carbide-**

for **steel working - special coated**

**Two flutes, spiral**

for copy routers and high speed router machines, as Schüco

Art.-Nr.	A	B	D	E
182 706 004	4	10	57	6
182 706 005	5	10	57	6
182 706 006	6	10	57	6
182 708 008	8	16	63	8
182 710 010	10	19	72	10



## Glodalo za obradu VHM

91140

Univerzalno glodalo za sve obradne centre  
Dvopero, spiralno

### **Milling cutter -solid carbide-**

All-purpose tool, for all kind of CNC-machines

**Two flutes, spiral**

Art.-Nr.	A	B	C	D	E
058 706 025	2,5	8		58	6
082 705 305	5	30		70	5
082 718 206	6	20	60	120	8
082 706 406	6	40		100	6
082 708 608	8	18		60	8
082 708 008	8	35		80	8
082 708 108	8	40		100	8
082 708 708	8	70		150	8
082 711 008	8	35	42	100	10
082 710 210	10	22		72	10
140 391 210	10	12	60	90	10
082 710 010	10	40		100	10
140 392 210	10	12	80	110	10
082 710 710	10	70		150	10
082 712 212	12	22		70	12
140 391 212	12	12	60	100	12
082 712 412	12	45		100	12
082 712 512	12	40		120	12
082 714 414	14	45		100	14
082 716 416	16	45		100	16
140 391 316	16	32	60	102	16
082 716 216	16	20	60	115	16
082 716 116	16	70		150	16

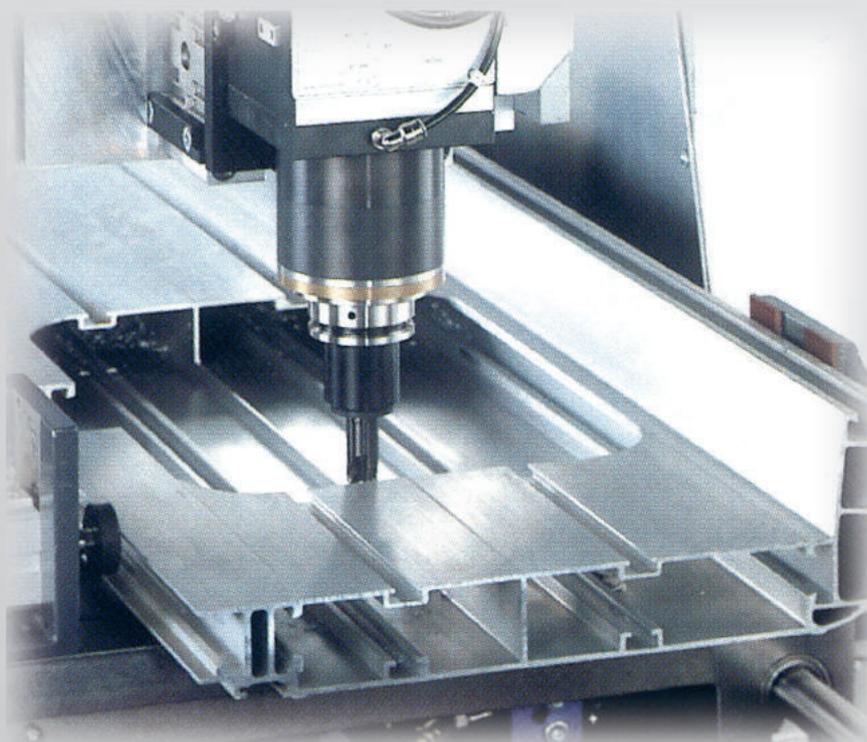
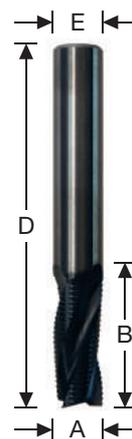
Specijalna verzija za velike brzine obrade na obradnim centrima - najveća preciznost  
 - veća brzine i posmak  
 - izuzetno dug vek trajanja

## Milling cutters -solid carbide-HSC-roughing "ZR"-

**Special version for high-speed cutting/HSC of aluminium extrusions on CNC-machining centres**

- highest precision
- more speed and feed
- extremely long life

Art.-Nr.	A	B	C	D	E	Z
057 744 002	2	10		57	6	3
057 744 003	3	15	23	57	6	3
057 744 004	4	15	23	57	6	3
057 744 005	5	15	23	57	6	3
057 744 006	6	15	23	57	6	3
072 744 008	8	22		72	8	3
072 744 010	10	25		72	10	3
080 744 012	12	30		80	12	3
010 744 016	16	30	50	100	16	4





## Burgija HSS

91201

DIN 338 N - potpuno izbrušena  
kratka, precizna

Ostale dimenzije na zahtev

### Twist drill HSS

DIN 338 N -fully ground-, short, precision

Other dimensions upon demand

Art.-Nr.	A	B	D
303 001 020	2,0	24	49
303 001 025	2,5	30	57
303 001 030	3,0	33	61
303 001 032	3,2	36	65
303 001 035	3,5	39	70
303 001 040	4,0	43	75
303 001 042	4,2	43	75
303 001 045	4,5	47	80
303 001 050	5,0	52	86
303 001 055	5,5	57	93
303 001 060	6,0	57	93
303 001 065	6,5	63	101
303 001 070	7,0	69	109
303 001 075	7,5	69	109
303 001 080	8,0	75	117
303 001 085	8,5	75	117
303 001 090	9,0	81	125
303 001 100	10,0	87	133
303 001 110	11,0	94	142
303 001 120	12,0	101	151
303 001 130	13,0	101	151
303 001 140	14,0	108	160
303 001 150	15,0	114	169



## Burgija HSS

91211

DIN 340 N -potpuno izbrušena-  
duga, precizna

### Twist drill HSS

DIN 340 N -fully ground-, long, precision

Art.-Nr.	A	B	D
302 002 020	2,0	56	85
302 002 025	2,5	62	92
302 002 030	3,0	66	100
302 002 032	3,2	69	106
302 002 035	3,5	73	112
302 002 040	4,0	78	119
302 002 042	4,2	78	119
302 002 045	4,5	82	126
302 002 050	5,0	87	132
302 002 055	5,5	91	139
302 002 060	6,0	91	139
302 002 065	6,5	97	148
302 002 070	7,0	102	156
302 002 075	7,5	102	156

302 002 080	8,0	109	165
302 002 085	8,5	109	165
302 002 090	9,0	115	175
302 002 095	9,5	115	175
302 002 100	10,0	121	184

## Burgija HSS

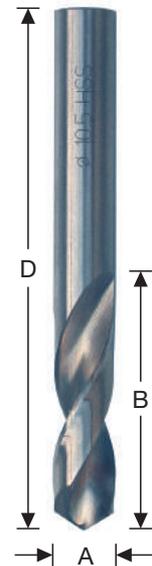
91221

DIN 1897 -potpuno izbrušena--  
kratka, precizna

### Twist drill HSS

DIN 1897 -fully ground-, short, precision

Art.-Nr.	A	B	D
303 004 050	5,0	26	62
303 004 060	6,0	28	66
303 004 080	8,0	37	79
303 004 100	10,0	43	89
303 004 110	11,0	47	95
303 004 120	12,0	51	102
303 004 130	13,0	51	102



## Burgija HSS

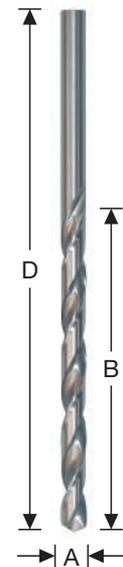
91225

DIN 1869 -potpuno izbrušena--  
extra dugačka, precizna

### Twist drill HSS-G

DIN 1869 -fully ground-, extra long, precision

Art.-Nr.	A	B	D
303 008 020	2,0	85	125
303 008 025	2,5	95	140
303 008 030	3,0	100	150
303 008 032	3,2	105	155
303 008 035	3,5	115	165
303 008 040	4,0	120	175
303 008 042	4,2	120	175
303 008 045	4,5	125	185
303 008 050	5,0	135	195
303 008 055	5,5	140	205
303 008 060	6,0	140	205
303 008 065	6,5	150	215
303 008 070	7,0	155	225
303 008 075	7,5	155	225
303 008 080	8,0	165	240
303 008 085	8,5	165	240
303 008 090	9,0	175	250
303 008 095	9,5	175	250
303 008 100	10,0	185	265
303 008 105	10,5	185	265
303 008 110	11,0	195	280
303 008 115	11,5	195	280



303 008 120	12,0	205	295
303 008 130	13,0	205	295

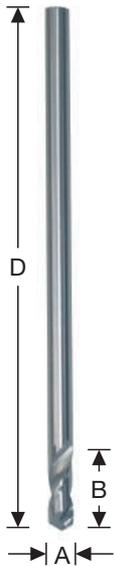
## Burgija HSS - za šuplje profile

91226

Specijalna burgija -potpuno izbrušena-  
- za bušenje čelika, konstrukcija i profila za prozore i fasade  
- extra kratka spirala, otporna na lom

### **Window construction twist drill HSS**

*Special drill -fully ground-  
- extra short flute, break-proof*



Art.-Nr.	A	B	D
306 100 030	3,0	30	100
306 100 040	4,0	30	100
306 150 050	5,0	30	150
306 150 055	5,5	30	150
306 150 060	6,0	30	150
306 150 065	6,5	30	150
306 150 100	10,0	30	150
306 150 105	10,5	30	150
306 180 050	5,0	30	180
306 180 055	5,5	30	180
306 180 060	6,0	30	180
306 180 065	6,5	30	180
306 180 080	8,0	30	180
306 180 085	8,5	30	180
306 180 100	10,0	30	180
306 180 105	10,5	30	180

Precizne spiralne burgije i stepenaste burgije se bruse od punog materijala - ova metoda garantuje najbolje rezultate u dobijanje najbolje tolerancije i preciznosti



**Precision twist drills and stepped drills are ground from solid stock – this method guarantees best possible diameter tolerances and precision**

## Burgija HSS CO

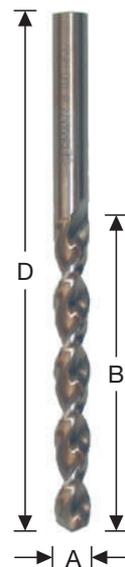
91230

DIN 338 -Kobalt-, -potpuno izbrušena-  
-Veoma izdržljiva - za sve potrebe , kraća

### Twist drill HSS CO

DIN 338 -cobalt-, -fully ground precision Jobber  
drills, heavy duty, all purpose tool

Art.-Nr.	A	B	D
303 007 020	2,0	24	49
303 007 025	2,5	30	57
303 007 030	3,0	33	61
303 007 032	3,2	36	65
303 007 035	3,5	39	70
303 007 040	4,0	43	75
303 007 042	4,2	43	75
303 007 045	4,5	47	80
303 007 050	5,0	52	86
303 007 055	5,5	57	93
303 007 060	6,0	57	93
303 007 062	6,2	63	101
303 007 065	6,5	63	101
303 007 070	7,0	69	109
303 007 075	7,5	69	109
303 007 080	8,0	75	117
303 007 085	8,5	75	117
303 007 090	9,0	81	125
303 007 100	10,0	87	133
303 007 110	11,0	94	142
303 007 120	12,0	101	151
303 007 130	13,0	101	151



## Burgija HSS CO

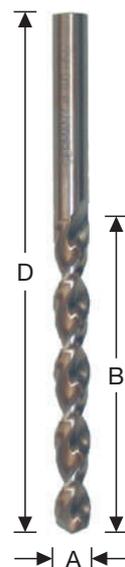
91232

DIN 338-Kobalt-potpuno izbrušena-  
-Veoma izdržljiva - za sve potrebe , duža

### Twist drill HSS CO

DIN 340 -cobalt-, -fully ground- precision Jobber  
drills, heavy duty, all purpose tool

Art.-Nr.	A	B	D
303 009 030	3,0	62	95
303 009 032	3,2	69	106
303 009 035	3,5	73	112
303 009 040	4,0	78	119
303 009 042	4,2	78	119
303 009 045	4,5	82	126
303 009 050	5,0	87	132
303 009 055	5,5	91	139
303 009 060	6,0	97	139
303 009 065	6,5	97	148
303 009 070	7,0	102	156
303 009 080	8,0	109	165
303 009 090	9,0	115	175
303 009 100	10,0	121	184



## Stepenasta burgija HSS

91250

za bušenje aluminijumskih - i PVC profila Ugao 180° (za ravnu glavu šrafa cilindra)

Ostale dimenzije i tipovi su brzo dostupni na zahtev !

### Stepped drill bits HSS

for working aluminium and UPVC-profiles

**Angle 180°** (for cylinder head screw)

Other sizes and types are shortly available upon demand !



Art.-Nr.	A	B	C	D	
301 008 004	4,3	8,0	11	117	180°
301 010 005	5,3	10,0	13	133	180°
301 104 053	5,3	10,4	10	133	180°
301 012 006	6,4	12,0	15	151	180°
301 120 700	7,0	12,0	10	151	180°
301 012 008	8,0	12,0	15	151	180°
301 130 800	8,0	13,0	10	151	180°

## Stepenasta burgija HSS

91260

za bušenje aluminijumskih - i PVC profila Ugao 90° (za upuštenu glavu šrafa cilindra)\* kraća verzija za obradne centre

Ostale dimenzije i tipovi su brzo dostupni na zahtev !

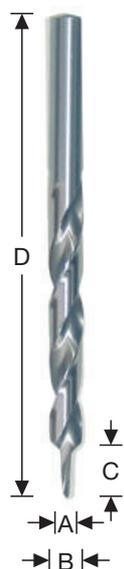
### Stepped drill bits HSS

for working aluminium and UPVC-profiles

**Angle 90°** (for cheese head screw)

\* short version for CNC-machines

Other sizes and types are shortly available upon demand !



Art.-Nr.	A	B	C	D	
301 108 004	4,3	8,0	11	117	90°
301 111 005	5,0	11,0	6	142	90°
301 112 005	5,0	12,0	20	100	90°
301 110 005	5,3	10,0	13	133	90°
301 112 006	6,4	12,0	15	151	90°
301 208 004*	4,3	8,0	11	79	90°
301 210 005*	5,3	10,0	13	89	90°
301 210 006*	6,4	12,0	15	102	90°

Cilindrični držač 8 mm četvrtka 90°

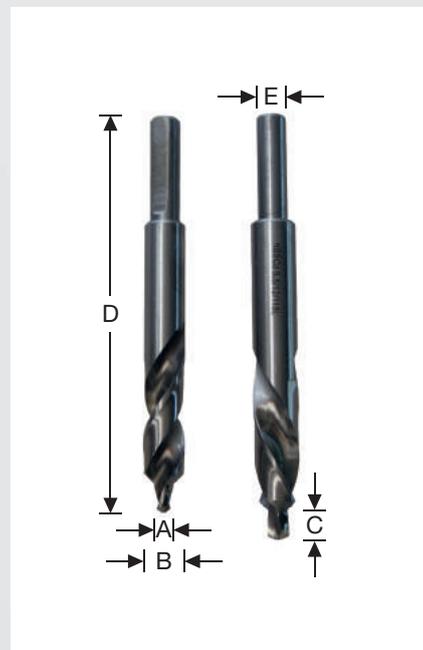
R = Desna - L = Leva

## Drills for handle hole, HSS Co, piloted

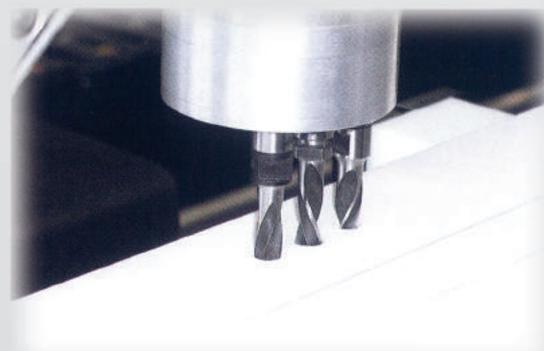
cylindric shank 8 mm with flat Angle 90°

R = RH-rotation - L = LH-rotation

Art.-Nr.	A	C	B	D	E	
301 207 055	5,5	7	11	107	8	R
301 210 055	5,5	7	11	110	8	R
301 210 155	5,5	7	12	115	8	L
301 210 255	5,5	7	11	115	8	R
301 212 255	5,5	7	12	120	8	L
301 310 155	5,5	7	13	115	8	L



Burgije za ručice sa navojem ili cilindričnom drškom



Drills for triple-drill units with male thread or cylindric plain shank

## Burgija VHM

cilindrična celom dužinom sa konusnim vrhom.

Univerzalna burgija od tvrdog metala za bušenje u drvetu, aluminijumu, PVC-u, čeliku, staklu, fiberu, itd.

R = Desna - L = Leva

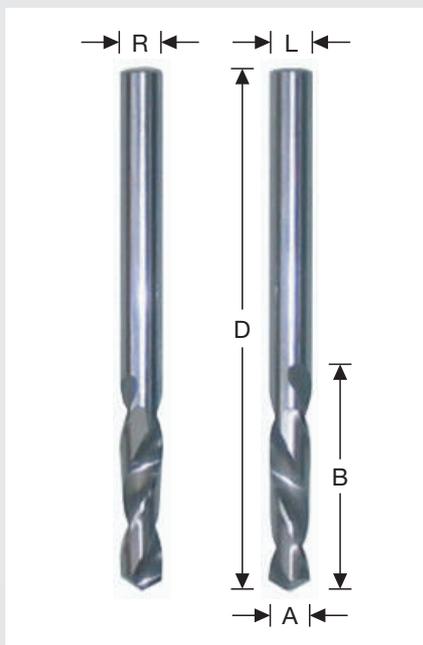
### **Brad point drill -solid carbide-**

*cylindrical on the whole length, with taper drill point. All purpose drill.*

*For use in CNC-machining centres, for best results in wood, UPVC, aluminium, glass-fiber, steel, etc.*

R = RH-rotation - L = LH-rotation

Art.-Nr.	A	B	D	
484 000 002	2,0	12	38	R
484 000 025	2,5	14	43	R
484 000 003	3,0	16	46	R
484 001 030	3,0	27	46	R
484 000 035	3,5	20	52	R
484 000 004	4,0	22	55	R
484 000 045	4,5	24	58	R
484 000 005	5,0	26	62	R
484 000 006	6,0	28	66	R
484 000 008	8,0	37	79	R
485 000 002	2,0	12	38	L
485 000 025	2,5	14	43	L
485 000 003	3,0	16	46	L
485 001 030	3,0	27	46	L
485 000 035	3,5	20	52	L
485 000 004	4,0	22	55	L
485 000 045	4,5	24	58	L
485 000 005	5,0	26	62	L



## Višestepena burgija HSS

Univerzalna burgija za razne materijale i primene

C = korak mm

### **Multi Step drill HSS**

*All purpose step drill for sheet metal, tubes and profiles*

C = Stepped

Art.-Nr.	A	B	C	E
304 000 001	4	12	1	6
304 000 002	6	20	2	8
304 000 003	6	30	2	8



## Upuštač HSS

91266

Troperi, desni ,cilindrična drška

### Counter sinks 90° HSS

three flutes, RH, cylindric shank

Art.-Nr.	A	B	E
310 004 043	4,3	1,5	4
310 005 050	5,0	2,0	5
310 005 053	5,3	2,0	5
310 006 060	6,0	2,0	6
310 006 063	6,3	2,0	6
310 006 070	7,0	3,0	6
310 006 073	7,3	3,0	6
310 006 080	8,0	3,0	6
310 006 083	8,3	3,0	6
310 006 094	9,4	4,0	6
310 006 100	10,0	4,0	6
310 006 104	10,4	4,0	6
310 008 115	11,5	4,0	8
310 008 124	12,4	4,0	8
310 008 134	13,4	5,0	8
310 010 150	15,0	5,0	10
310 010 165	16,5	5,0	10
310 010 190	19,0	5,0	10
310 010 205	20,5	5,0	10
310 012 230	23,0	6,0	10
310 012 250	25,0	6,0	10
310 012 280	28,0	7,0	12
310 012 310	31,0	7,0	12



## Upuštač sa rupom

91267

ugao 90°

Za obaranje ivica i upuštanje rupa

### Counter sinks with cross-hole

90° zero flute  
to deburr drill holes

Art.-Nr.	A	E
311 000 002	2/5	6
311 000 005	5/10	8
311 000 010	10/15	10
311 000 015	15/20	12
311 000 020	20/25	15
311 000 025	25/30	15



## Kombinovana mašinska ureznica HSS

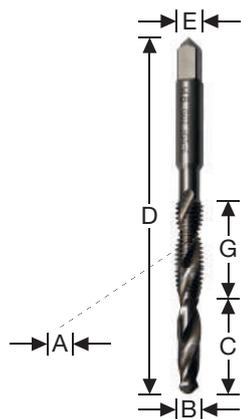
91268

za bušenje rupe, rezanje navoja, i obaranje ivice otvora u JEDNOM prolazu

### **Combined machine taps HSS-E**

to drill cored hole, thread cutting and deburr in **ONE** operation

Art.-Nr.	A	B	C	G	D	E
312 000 003	M3	2,5	16	11	56	3,0
312 000 004	M4	3,3	18	14	63	4,0
312 000 005	M5	4,2	20	18	71	5,0
312 000 006	M6	5,0	22	22	80	6,0
312 000 008	M8	6,8	26	25	95	8,0
312 000 010	M10	8,5	30	31	106	10,0
312 000 012	M12	10,2	32	35	115	12,0



## Glodalo - burgija

91269

5 pločica od tvrdog metala za bušenje ojačanja na CNC THORWESTEN mašini

stara verzija

### **Hole drill TCT**

5 tungsten carbide special teeth for UPVC/ steel reinforcement working on CNC machine THORWESTEN  
**old version -discontinued-**

Art.-Nr.	A	D	E
304 000 020	20	91	10
304 000 024	24	91	10



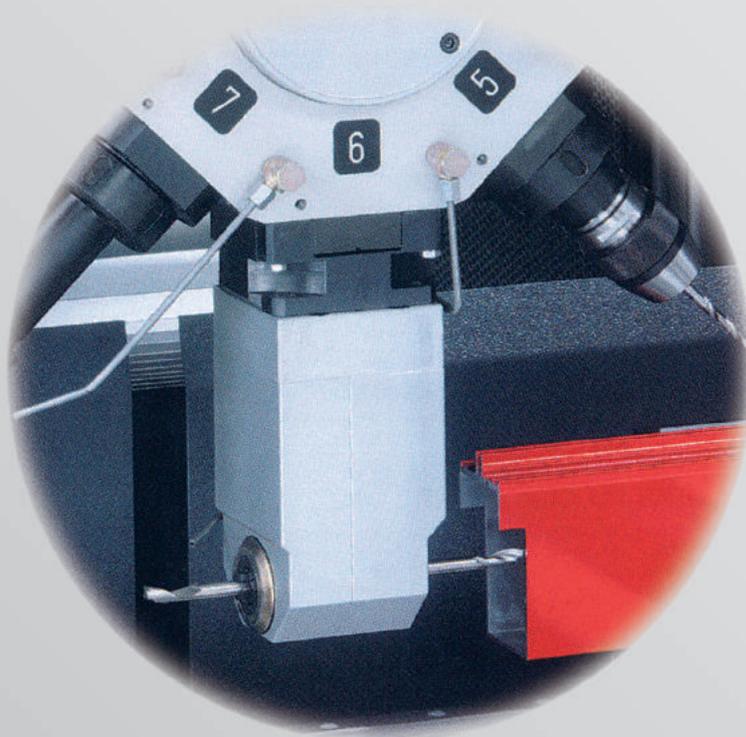
## Specijalna stepenasta burgija – THORWESTEN – 91270

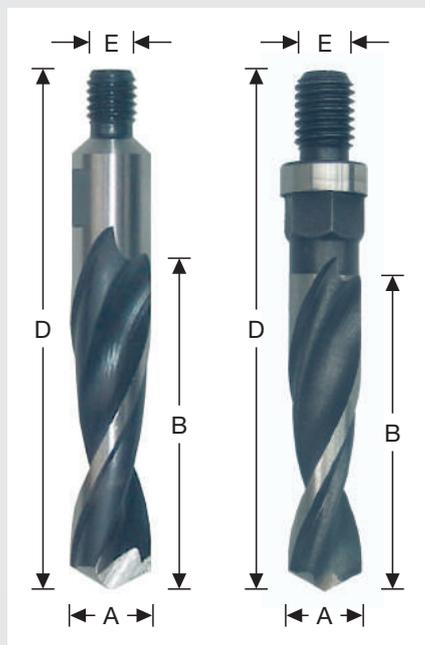
za korišćenje pri bušenju ojačanja u PVC profilu na CNC mašini THORWESTEN  
nova verzija

### **Special stepped drill**

for UPVC/ steel reinforcement working on CNC machine THORWESTEN  
new version

Art.-Nr.	A	D	E
304 007 020	20	100	10





## Burgije za ručice HSS

91300

sa Konusnim vrhom, Navojem  
Desne

Za bušenje u PVC profilu sa i bez ojačanja.

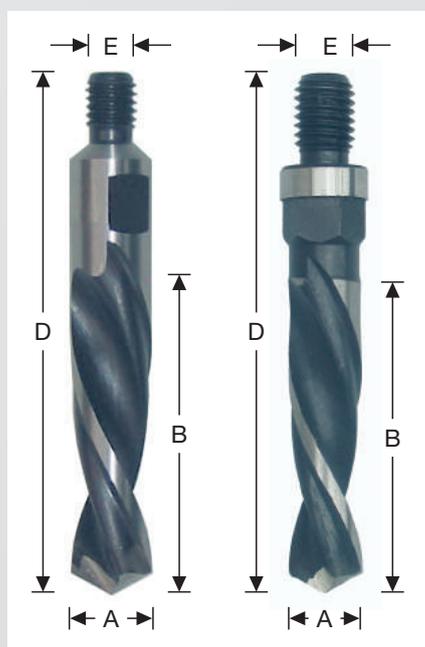
### Threaded drill HSS-E

with **taper drill point**, male thread

**RH-rotation**

For working of UPVC profiles with or without filling steel profile

Art.-Nr.	A	B	D	E
492 050 010	10	50	87	M6 Konus/cone
488 030 010	10	30	65	M10
482 050 010	10	45	78	M8 Konus/cone
496 050 010	10	30	76	M10
480 050 010	10	50	87	M10
480 080 010	10	80	113	M10
492 050 012	12	50	87	M6 Konus/cone
482 050 012	12	45	78	M8 Konus/cone
488 030 012	12	30	65	M10
496 050 012	12	30	76	M10
480 050 012	12	50	87	M10
480 080 012	12	80	113	M10
492 050 014	14	50	87	M6 Konus/cone
482 050 014	14	45	78	M8 Konus/cone
488 030 014	14	30	65	M10
496 050 014	14	30	76	M10
480 050 014	14	50	87	M10
480 080 014	14	80	113	M10



## Burgije za ručice HSS

91301

sa Konusnim vrhom, navojem  
Leve

Za bušenje u PVC profilu sa i bez ojačanja

### Threaded drill HSS-E

with **taper drill point**, male thread

**LH-rotation**

For working of UPVC profiles with or without filling steel profile

Art.-Nr.	A	B	D	E
483 050 010	10	45	78	M8 Konus/cone
489 030 010	10	30	60	M10
497 050 010	10	30	72	M10
481 050 010	10	50	87	M10
481 080 010	10	80	113	M10
483 050 012	12	45	78	M8 Konus/cone
489 030 012	12	30	60	M10
497 050 012	12	30	72	M10
481 050 012	12	50	87	M10
481 080 012	12	80	113	M10
483 050 014	14	45	78	M8 Konus/cone
489 030 014	14	30	60	M10
497 050 014	14	30	72	M10
481 050 014	14	50	87	M10
481 080 014	14	80	113	M10

## Burgije za ručice HSS

91310

sa Uvodnikom, Navojem  
Desne

Za bušenje u PVC profilu sa i bez ojačanja

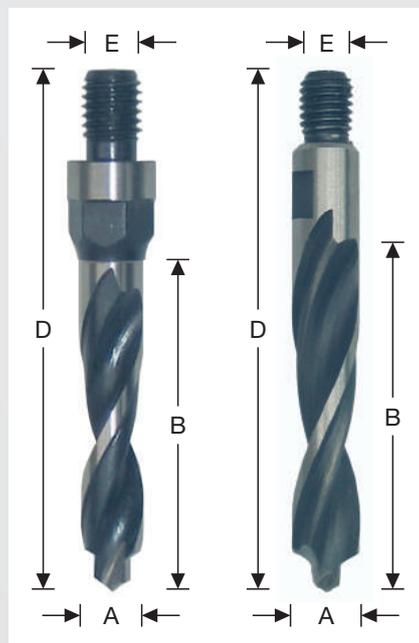
### Threaded drill HSS-E

*piloted version, male thread*

*RH-rotation*

*For working of UPVC profiles with or without filling steel profile*

Art.-Nr.	A	B	D	E
490 050 010	10	45	78	M8 Konus/cone
494 030 010	10	30	65	M10
476 030 010	10	35	76	M10
486 150 010	10	50	84	M10
486 050 010	10	50	87	M10
486 060 010	10	60	100	M10
486 080 010	10	80	113	M10
490 050 012	12	45	78	M8 Konus/cone
494 030 012	12	30	65	M10
476 030 012	12	30	76	M10
486 150 012	12	50	84	M10
486 050 012	12	50	87	M10
486 060 012	12	60	100	M10
486 080 012	12	80	113	M10
490 050 014	14	45	78	M8 Konus/cone
494 030 014	14	30	65	M10
476 030 014	14	30	76	M10
486 150 014	14	50	84	M10
486 050 014	14	50	87	M10
486 080 014	14	80	113	M10



## Burgije za ručice HSS

91311

sa Uvodnikom, Navojem  
Leve

Za bušenje u PVC profilima sa i bez ojačanja.

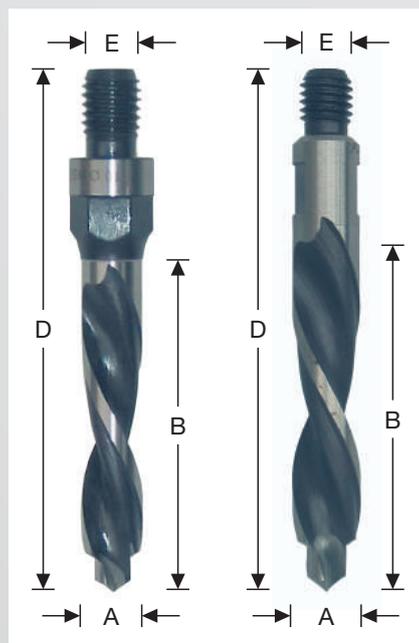
### Threaded drill HSS-E

*piloted version, male thread*

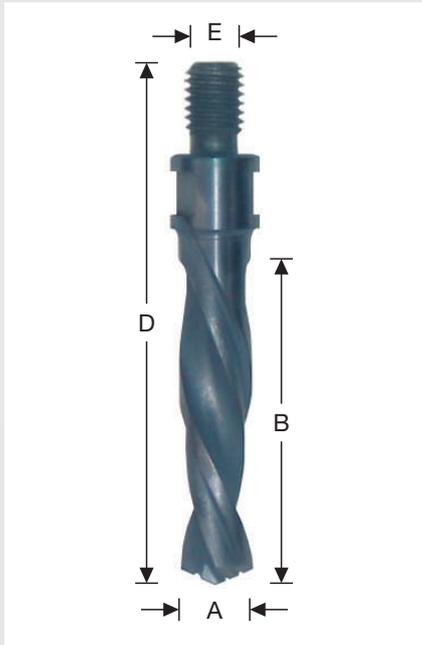
*LH-rotation*

*For working of UPVC profiles with or without filling steel profile*

Art.-Nr.	A	B	D	E
491 050 010	10	45	78	M8 Konus/cone
495 030 010	10	30	60	M10
477 030 010	10	35	72	M10
487 050 010	10	50	87	M10
487 060 010	10	60	100	M10
487 080 010	10	80	113	M10
491 050 012	12	45	78	M8 Konus/cone
495 030 012	12	30	60	M10
477 030 012	12	35	72	M10
487 050 012	12	50	87	M10
487 060 012	12	60	100	M10
487 080 012	12	80	113	M10
491 050 014	14	45	78	M8 Konus/cone
495 030 014	14	30	65	M10



477 030 014	14	35	72	M10
487 050 014	14	50	87	M10
487 080 014	14	80	113	M10



## Burgije za ručice HSS

91315

- sa dodatnim Funkcijom lomljenja špona - Ojačane za čelik -
- sa konusnim vrhom i navojem M10 Desne / Leve
- za obradne centre

R = Desne - L = Leve

### Threaded drill HSS-E

- with **additional chip breaker and special coating** for steel
- with **taper drill point** and Male screw M10
- RH / LH
- used on CNC-machining centres

R = RH-rotation - L = LH-rotation

Art.-Nr.	A	B	D	E	
498 050 010	10	50	87	M10	R
498 050 012	12	50	87	M10	R
498 050 014	14	50	87	M10	R
498 060 010	10	60	97	M10	R
498 060 012	12	60	97	M10	R
498 060 013	13	60	97	M10	R
499 050 010	10	50	87	M10	L
499 050 012	12	50	87	M10	L
499 050 014	14	50	87	M10	L
499 060 010	10	60	97	M10	L



## Adapter za burgije

91316

Za burgije iz grupe 91300-91315  
standardna drška  
R = Desni - L = Levi

### Plain shank bits

for use drills group 91300-91315  
in standard drill chunk

R = RH-rotation - L = LH-rotation

Art.-Nr.	A	B	C	
478 008 008	8	20	M8	R
479 008 008	8	20	M8	L
478 008 010	8	20	M10	R
479 008 010	8	20	M10	L
478 010 010	10	20	M10	R
479 010 010	10	20	M10	L

## Dijamantska glodala

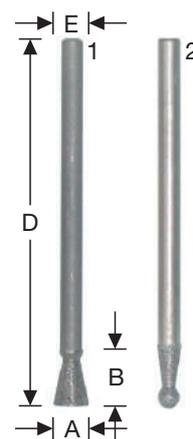
91500

za obradu PVC profila  
za ručne bijakse 95202 / 95205

### Diamond-Tools

for the UPVC window production  
fits to pneumatic dentist drill 95202 / 95205

Art.-Nr.	A	B	D	E	Abb.
000 562 501	3	6	40	3	1
000 562 502	4	6,5	40	3	1
000 562 503	5	7	40	3	1
000 562 511	3	7	40	3	2
000 562 512	4	7	40	3	2



## Glodala za pneum. bijakse

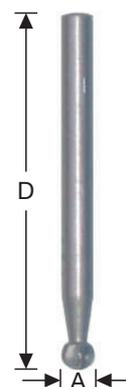
91600

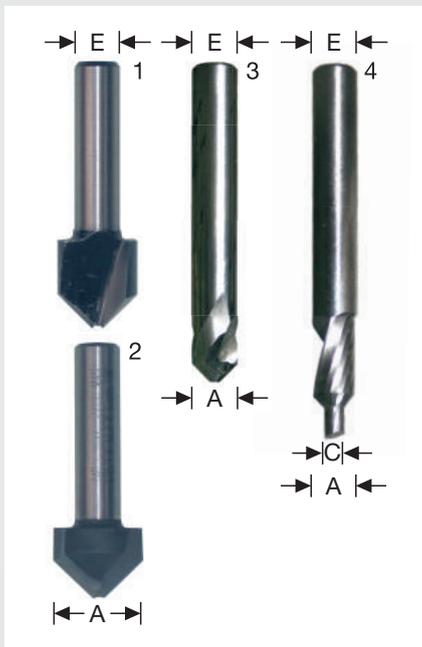
odgovara za 95202 / 95203 / 95207

### Router bit for pneumatic tools

suitable for 95202 / 95203 / 95207

Art.-Nr.	A	D	Oblik	Form	Mat.
037 003 003	3	40	Kugla	ball	HSS
037 003 004	4	40	Kugla	ball	HSS
040 003 003	3	40	Cilindar	cylinder	VHM
040 004 004	4	40	Cilindar	cylinder	VHM





## Alucobond obrada

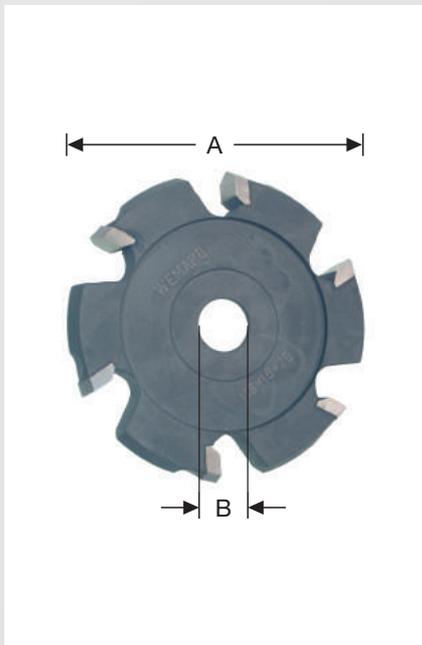
91900

V-glodala za ručne glodalice / CNC mašine

### ALUCOBOND

V-Grooving bits for hand routers / CNC-machines

Art.-Nr.	A	B	C	E
054 372 503	6		4	6
054 372 504	8		4	8
054 372 506	10	95°		10
054 372 501	15,9	90°		8
054 372 502	18	135°		8



## Testerasta glodala HM za ALUCOBOND

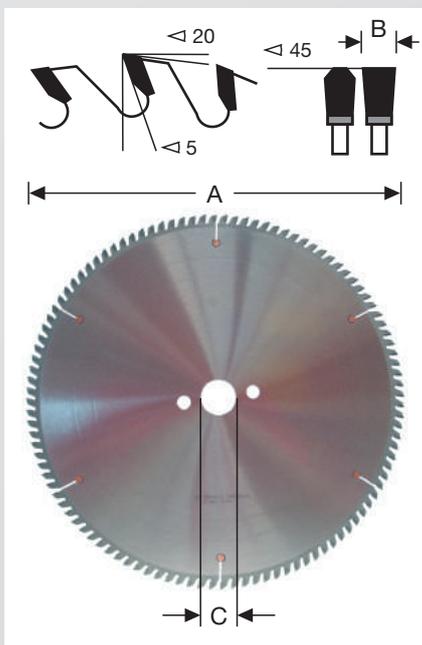
91901

za horizontalne glodalice ploča

### Carbide-tipped grooving cutters for ALUCOBOND

for sheet milling machines

Art.-Nr.	A	B	C	Breite
700 118 200	118	20	135°	18 mm
700 118 201	118	20	90°	14 mm
700 220 300	220	30	90°	14 mm
700 220 301	220	30	135°	18 mm
700 244 301	244	30	90°	14 mm
700 244 300	244	30	135°	18 mm



## Kružna testera HM za ALUCOBOND

91902

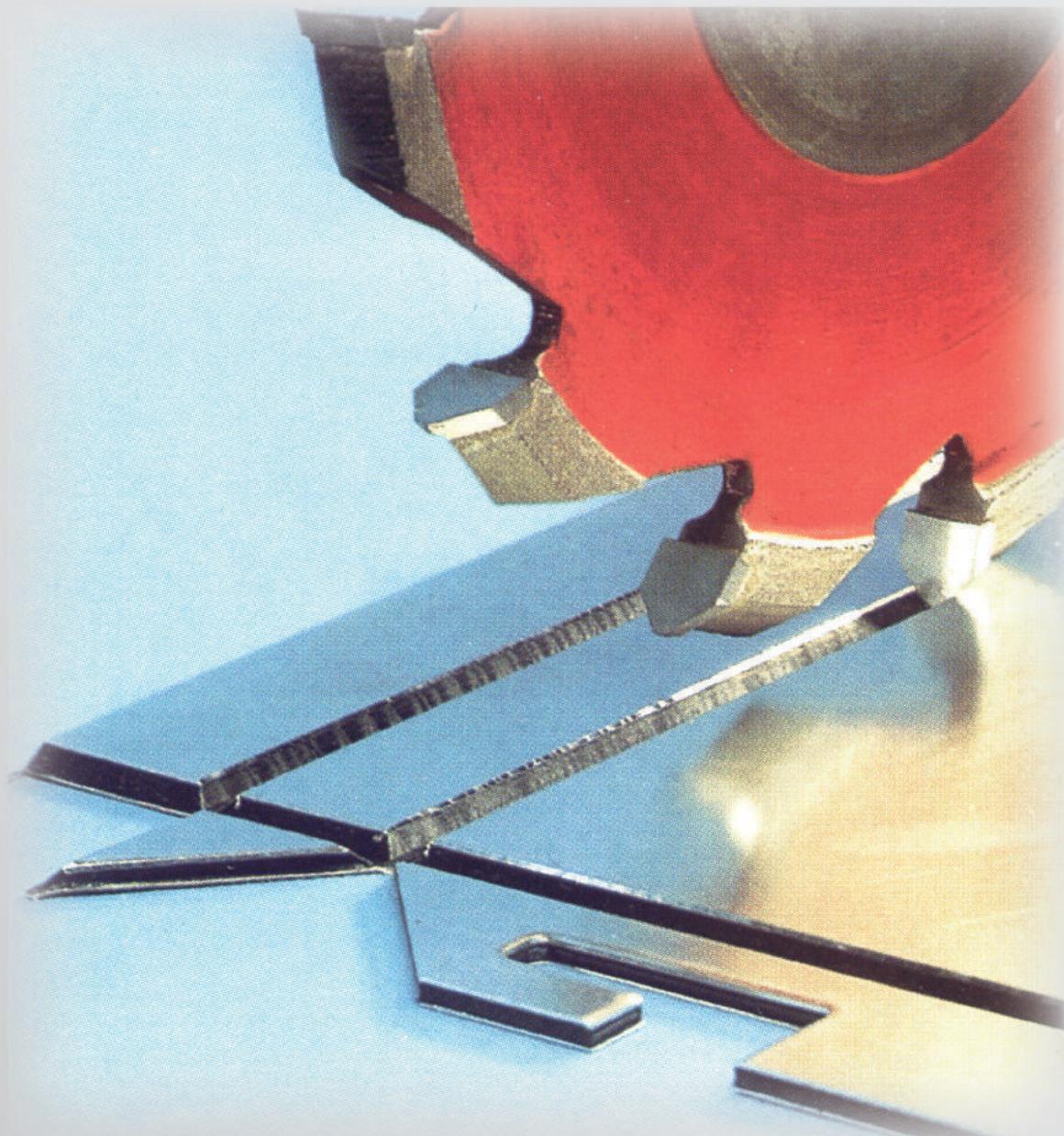
za formatizere HOLZHER / Striebig

### Carbide-tipped sawblade for ALUCOBOND

for sheet cutting machines  
Holzher / Striebig

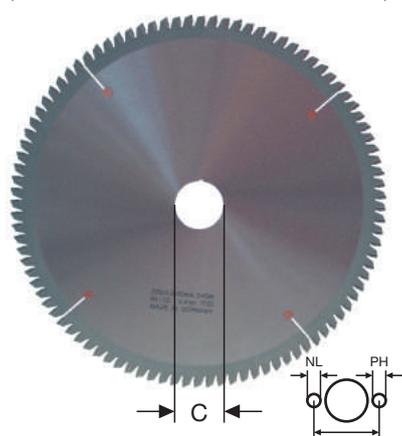
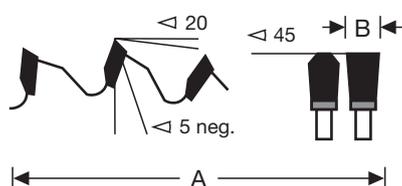
Art.-Nr.	A	B	C	Z
721 250 300	250	3,2	30	60
721 300 300	300	3,2	30	72
721 300 301	300	3,2	30	96

Rezni alati za kompozitne materijale kao  
ALUCOBOND, DiBOND, REYNOBOND  
itd.



***Cutting tools for composite panels  
as ALUCOBOND, DiBOND, REYNOBOND etc.***

## Kružne testere HM - negativne -



Flah-trapez zubi, smanjen nivo buke,  
- za aluminijumske, PVC i ne metalne profile - testere  
za rezanje (napad odozgo)

Ostale dimenzije na zahtev

**Carbide-tipped sawblades -negative rake-**

**TCG, noise reduced,**

- for profiles of aluminium and plastics

- used on **chop-mitre saws**

Other dimensions upon demand

Art.-Nr.	A	B	C	Z	NL	
718 150 300	150	2,8	30	42		
718 170 300	170	2,8	30	48		
718 190 300	190	2,8	30	54		
718 210 300	210	2,8	30	54		
718 216 303	216	3,0	30	60		
718 250 300	250	3,2	30	60		
718 250 301	250	3,2	30	80		
718 250 320	250	3,2	32	60		
718 250 321	250	3,2	32	80		
718 250 322	250	3,2	32	96		
718 250 401	250	3,2	40	80	4/12/64	+ 2/9/55
718 275 301	275	3,2	30	88		
718 275 400	275	3,2	40	88	4/12/64	+ 2/9/55
718 300 300	300	3,2	30	72		
718 300 301	300	3,2	30	96		
718 300 320	300	3,2	32	72		
718 300 321	300	3,2	32	96		
718 300 400	300	3,2	40	72		
718 300 401	300	3,2	40	96		
718 310 300	310	3,2	30	96		
718 330 302	330	3,2	30	96		
718 330 320	330	3,4	32	84		
718 330 322	330	3,2	32	96		
718 350 300	350	3,3	30	84		
718 350 301	350	3,4	30	108		
718 350 321	350	3,3	32	84		
718 350 320	350	3,4	32	108		
718 350 400	350	3,3	40	84	4/12/64	+ 2/9/55
718 350 401	350	3,4	40	108	4/12/64	+ 2/9/55
718 350 501	350	3,3	50	84	4/12/64	+ 4/15/80
718 350 500	350	3,4	50	108	4/12/64	+ 4/15/80
718 380 320	380	3,8	32	110		
718 380 322	380	3,8	32	84		
718 400 302	400	3,8	30	66		
718 400 300	400	3,8	30	96		
718 400 304	400	3,6	30	120		
718 400 320	400	3,8	32	96	2/11/63	
718 400 400	400	3,8	40	96	4/12/64	+ 2/9/55
718 400 500	400	3,8	50	96	4/12/64	+4/15/80
718 420 300	420	4,0	30	96		
718 420 301	420	3,8	30	108		
718 420 304	420	4,0	30	108		
718 420 302	420	3,8	30	108	6/6,5/80	

718 420 303	420	4,0	30	120	
718 420 400	420	3,8	40	96	
718 420 401	420	3,8	40	108	
718 450 303	450	4,0	30	72	
718 450 301	450	4,0	30	108	
718 450 320	450	3,8	32	96	
718 450 321	450	4,0	32	108	
718 500 301	500	4,4	30	100	
718 500 302	500	4,0	30	120	
718 500 300	500	4,4	30	120	
718 500 303	500	4,2	30	140	
718 500 320	500	4,4	32	120	
718 500 800	500	4,4	80	100	6/6,5/100
718 520 300	520	4,4	30	120	
718 520 500	520	4,4	50	120	
718 550 300	550	4,4	30	110	
718 550 301	550	4,4	30	120	1/11/30
718 550 302	550	4,4	30	132	1/10,5/60
718 550 320	550	4,4	32	128	2/11/63
718 550 400	550	4,4	40	160	
718 550 801	550	4,4	80	120	6/6,5/100
718 600 300	600	4,6	30	140	
718 600 400	600	4,6	40	140	
718 600 800	600	5,0	80	128	6/8/100

## Kružne testere HM - pozitivne -

92010

Flah-trapez zubi, smanjen nivo buke  
- za aluminijumske , PVC i ne metalne profile  
- koristi se za Stone rezalice, rezalice (Rezalice sa napadom odozdo ili odpozadi)

Ostale dimenzije na zahtev

## Carbide-tipped sawblades -positive rake-

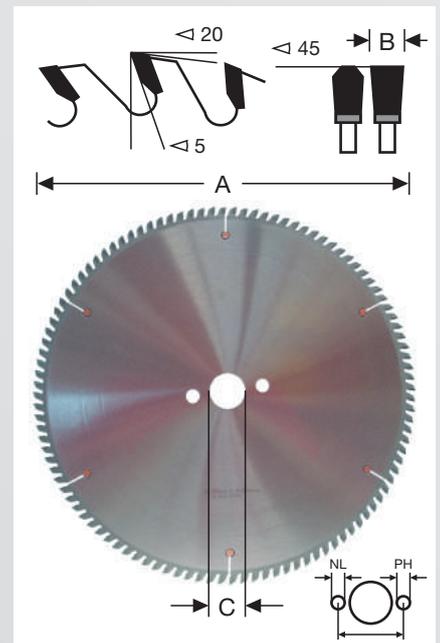
**TCG, noise reduced,**

- for profiles of aluminium and plastics

- used on **table saws / mitre saws (sawblade feed from the bottom or from behind)**

Other dimensions upon demand

Art.-Nr.	A	B	C	Z	NL
720 220 300	220	3,2	30	64	2/7/42
720 250 300	250	3,2	30	60	
720 250 301	250	3,2	30	80	
720 250 320	250	3,2	32	60	
720 250 321	250	3,2	32	80	
720 275 320	275	3,6	32	60	
720 275 400	275	3,2	40	72	4/12/64 + 2/9/55
720 280 322	280	3,2	32	88	
720 280 323	280	3,2	32	96	Combi
720 300 300	300	3,2	30	72	
720 300 301	300	3,2	30	96	
720 300 320	300	3,2	32	72	
720 300 321	300	3,2	32	96	
720 300 401	300	3,2	40	96	4/12/64 + 2/9/55
720 330 300	330	3,2	30	96	2/6,5/40
720 350 300	350	3,3	30	84	



720 350 301	350	3,4	30	108		
720 350 321	350	3,3	32	84	2/12/64	
720 350 320	350	3,4	32	96	2/12/64	
720 350 322	350	3,4	32	108	2/12/64	
720 350 400	350	3,3	40	84	4/12/64	+ 2/9/55
720 350 401	350	3,4	40	108	4/12/64	+ 2/9/55
720 370 300	370	3,4	30	96		
720 380 321	380	3,8	32	56		
720 400 302	400	4,0	30	72		
720 400 300	400	3,8	30	96		
720 400 301	400	3,8	30	120		
720 400 320	400	3,8	32	96	2/12/64	
720 400 400	400	3,8	40	96	4/12/64	+2/12/80
720 420 301	420	4,0	30	52		
720 420 304	420	3,5	30	96	2/10,5/70	
720 420 300	420	4,0	30	96		
720 420 303	420	4,0	30	120		
720 450 300	450	4,0	30	108		
720 450 321	450	3,8	32	96	2/12/64	
720 450 320	450	4,0	32	108	2/12/64	
720 500 306	500	4,2	30	72		
720 500 310	500	4,4	30	96		
720 500 302	500	4,0	30	120	1/10,5/30	
720 500 305	500	4,0	30	120	2/10,5/70	
720 500 300	500	4,4	30	120	2/11/70	
720 500 309	500	4,0	30	160	2/12/64	
720 500 321	500	4,0	32	100	2/12/64	
720 500 320	500	4,0	32	120	2/12/64	
720 500 322	500	4,4	32	120	2/12/64	
720 500 500	500	4,4	50	120	2/10,5/70	
720 500 800	500	4,4	80	120	6/6,5/100	
720 500 803	500	4,0	80	144	6/9/100	
720 520 300	520	4,4	30	120		
720 530 300	530	4,2	30	128		
720 550 303	550	4,4	30	72		
720 550 300	550	4,4	30	110		
720 550 304	550	4,4	30	120	1/11/30	
720 550 301	550	4,4	30	132	2/10,5/70	
720 550 302	550	4,4	30	132	1/10,5/70	
720 550 324	550	4,0	32	126	2/11/63	
720 550 321	550	4,4	32	132	2/12/64	
720 550 400	550	4,4	40	110		
720 550 500	550	4,4	50	110		
720 550 800	550	4,4	80	128	6/6,5/100	
720 550 802	550	4,0	80	160	6/9/100	
720 600 300	600	4,6	30	140		
720 600 321	600	4,6	32	140	2/12/64	
720 600 400	600	4,6	40	140		
720 600 401	600	4,6	40	140	2/13/80	
720 600 500	600	4,6	50	140	2/10,5/70	
720 600 800	600	5,0	80	120	6/8/100	
720 700 500	700	6,0	50	180		

Flah-trapez, specijalna izvedba,  
Smanjenje buke do 10 dB  
- za sve aluminijumske, PVC i nemetal profile  
- Smanjenje vibracija - najbolji rez i dug vek trajanja

Ostale dimenzije na zahtev

### Carbide-tipped sawblades -SUPERSOUND-

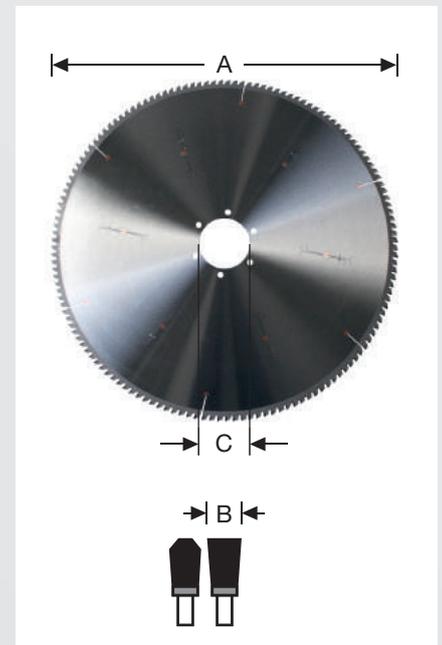
**TCG, special version, reduction in noise level up to 10dB,**

- for profiles of aluminium and plastics

- Reduction of vibrations - best cut and long life

Other dimensions upon request

Art.-Nr.	A	B	C	Z	NL/ph
722 420 300	420	4,0	30	96	
722 450 320	450	4,0	32	108	2/12/64
722 500 300	500	4,0	30	120	
722 500 320	500	4,0	32	120	2/12/64
722 550 300	550	4,4	30	132	2/10,5/70+ 1/10,5/60
722 550 320	550	4,4	32	132	2/12/64
722 550 801	550	4,4	80	144	6/9/100



Testere „Made in Germany“  
saws blades “Made in Germany”

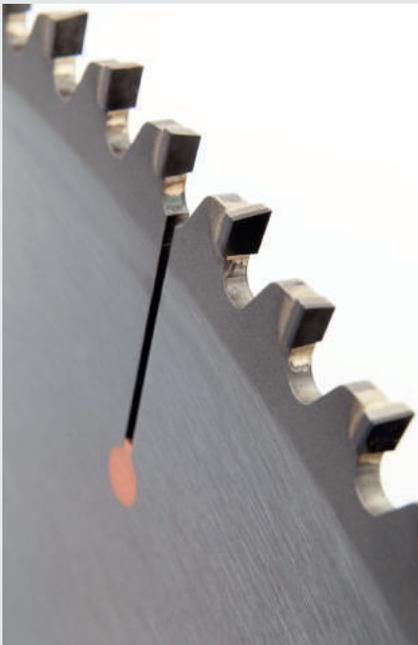
Naša proizvodnja na  
„Trumpf“-Laser mašinama

***In-house production of steel-body  
on “Trumpf“-Lasercutmachines***

Proizvodnja testera u modernom  
mašinskom pogonu

***sawblades production on modern  
machine plants***





## Specijalne kružne testere - dijamnatski zubi -

92012

za rezanje profila ojačanih fiberglass-om,  
npr. REHAU, aluplast, itd. – pogodna za rezanje profila sa gumom zbog aksijalnih uglova zuba

- Vidno duži vek trajanja u poređenju sa vrhunskim HM sečivima od tvrdog metala- idealno za visoko serijske proizvodnje

### **Special sawblades -diamond-tipped-**

*for cut of fibreglass reinforced extrusions,*

*e.g. REHAU, aluplast, etc. – because of axial teeth angles also for co-extruded sealings*

*- significant better life-time against high-tech carbide blades*

*- for big series*

Art.-Nr.	A	B	C	Z	
728 500 300	500	3,5	30	120	GZ
728 500 301	500	3,4	30	120	TF / P
728 500 302	500	3,4	30	96	TF / P
728 500 800	500	3,5	80	120	GZ
728 600 800	600	5,0	80	120	GZ



## Specijalne kružne testere - tvrdi metal zubi-

92013

za rezanje profila ojačanih fiberglass-om,  
npr. REHAU, aluplast, itd. – pogodna za rezanje profila sa gumom zbog aksijalnih uglova zuba

- Vidno duži vek trajanja u poređenju sa standardnim HM testerama- idealno za manje i srednje proizvodnje

### **Special sawblades -carbide-tipped-**

*for cut of fibreglass reinforced extrusions,*

*e.g. REHAU, aluplast, etc. – because of axial teeth angles also for co-extruded sealings*

*- significant better life-time against standard blades*

*- for small and medium series*

Art.-Nr.	A	B	C	Z	
723 330 300	330	2,8	30	100	
723 330 320	330	2,8	32	100	
723 380 320	380	3,6	32	110	
723 420 300	420	3,6	30	100	
723 500 300	500	3,6	30	140	
723 500 320	500	3,6	32	140	
723 500 800	500	3,6	80	140	
723 550 300	550	4,0	30	160	
723 550 320	550	4,0	32	160	
723 550 800	550	4,0	80	160	

DM05 zaščita  
za rezanje čelika

Ostale dimenzije na zahtev !

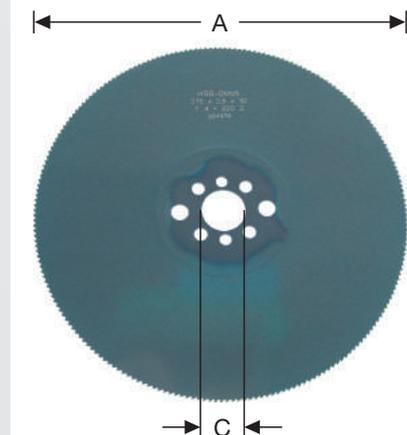
## Metal cutting sawblades HSS

DM05 vaporized

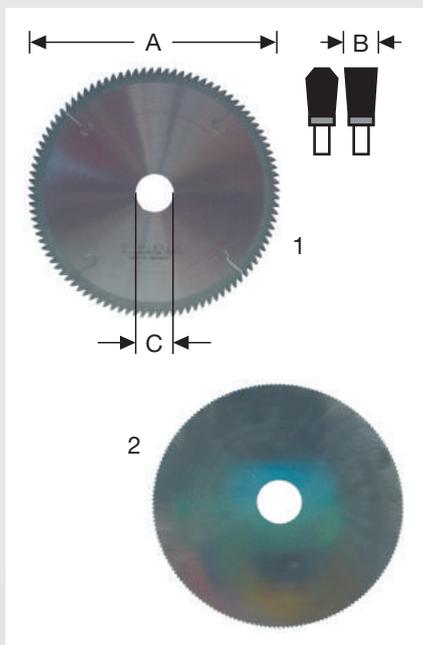
for steel cutting

Other dimensions upon demand !

Art.-Nr.	A	B	C	Z	
702 200 321	200	1,8	32	128	
702 225 320	225	2,0	32	180	
702 250 324	250	2,0	32	160	
702 250 321	250	2,0	32	200	
702 250 322	250	2,0	32	240	
702 275 321	275	2,0	32	220	
702 275 320	275	2,5	32	220	
702 275 400	275	2,5	40	72	
702 275 405	275	2,5	40	110	
702 275 401	275	2,5	40	120	
702 275 404	275	2,5	40	140	
702 275 402	275	2,5	40	160	
702 275 403	275	2,5	40	220	
702 300 320	300	2,5	32	160	
702 300 321	300	2,5	32	220	
702 300 400	300	2,5	40	220	
702 350 321	350	2,5	32	180	
702 350 320	350	2,5	32	280	
702 400 500	400	3,5	50	80	
702 450 400	450	4,0	40	120	
702 450 401	450	3,0	40	350	
702 275 329	250	2,5	32	220	HSSE/Cobalt*
702 315 320	315	2,5	32	220	HSSE/Cobalt*
702 350 322	350	2,5	32	280	HSSE/Cobalt*
702 350 323	350	2,5	32	350	HSSE/Cobalt*



\* Cobalt za nerđajući čelik  
Cobalt for stainless steel



## Kružne testere za PVC lajsne

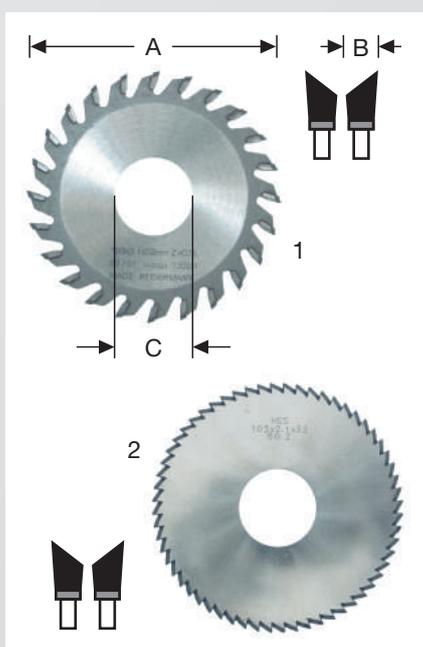
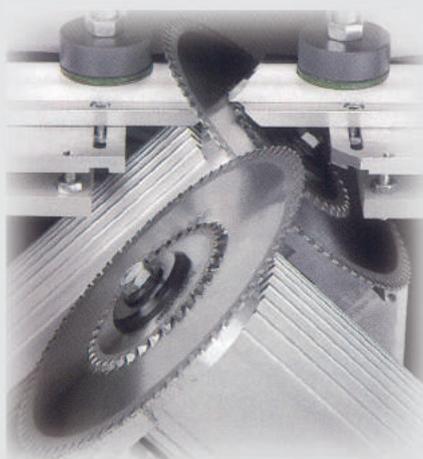
92030

za elumatec, Haffner, Rotox, Striffler, Wegoma, itd.  
1 = HM-sa vidijama - 2 = HSS Specijal nazubljene

### Glazing bead saw

for elumatec, Haffner, Rotox, Striffler, Wegoma, etc.  
1 = carbide-tipped - 2 = HSS special

Art.-Nr.	A	B	C	Z	
720 138 140	138	2,5	14	24	1
720 138 200	138	2,5	20	42	1
704 150 202	150	2,6	20	48	1
720 160 200	160	2,5	20	48	1
720 175 200	175	2,1	20	68	1 W/AT
702 180 320	180	2,0	32	180	2
720 190 200	190	2,1	20	72	1
720 190 201	190	2,1	20	56	1 W/AT
720 200 201	200	2,1	20	60	1 W/AT
718 200 300	200	2,8	30	54	1 W/AT
718 200 301	200	2,2	30	100	1
720 200 320	200	2,5	32	80	1
718 200 321	200	2,2	32	100	1
702 200 320	200	2,0	32	180	2
718 210 320	210	2,8	32	100	1
718 225 320	225	2,0	32	100	1
702 225 321	225	2,0	32	200	2
718 250 200	250	2,2	20	120	1
718 250 202	250	2,2	20	120	1 W/AT
702 250 200	250	2,0	20	180	2
702 250 325	250	2,0	32	180	2
718 275 300	275	3,2	30	88	1
720 300 302	300	2,4	30	96	1
720 300 305	300	3,2	30	120	1



## Kružne testere za PVC lajsne, manje- 45°

92031

odgovaraju za 92030  
1 = HM-sa vidijama - 2 = HSS Specijal nazubljene

R = Desna - L = Leva

### Glazing bead saw 45°

fits to 92030  
1 = carbide tipped - 2 = HSS special

R = RH - L = LH

Art.-Nr.	A	B	C	Z	
718 092 300	92	3,0	30	24	1 R
718 092 301	92	3,0	30	24	1 L
720 095 200	95	2,1	20	20	1 R
720 095 201	95	2,1	20	20	1 L
702 098 320	98	2,0	32	60	2 R
702 098 321	98	2,0	32	60	2 L
720 098 320	98	3,0	32	36	1 R
720 098 321	98	3,0	32	36	1 L
720 103 320	103	2,1	32	24	1 R

720 103 321	103	2,1	32	24	1	L
702 103 320	103	2,1	32	60	2	R
702 103 321	103	2,1	32	60	2	L
718 130 200	130	2,5	20	36	1	R
718 130 201	130	2,5	20	36	1	L
720 150 300	150	4,0	30	32	1	R
720 150 301	150	4,0	30	32	1	L
720 150 302	150	2,7	30	48	1	R
720 150 303	150	2,7	30	48	1	L

## Testere za usecanje V izreza ( notch)

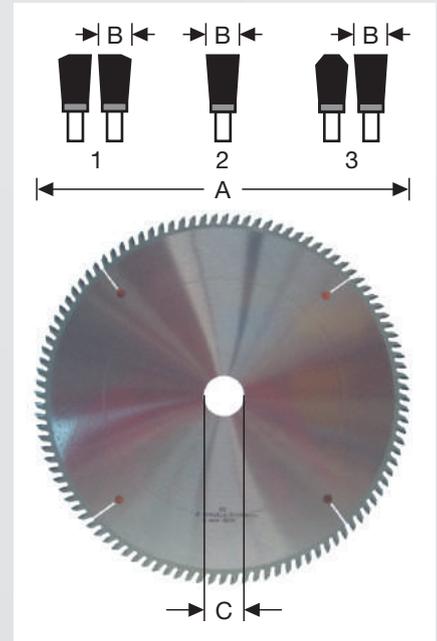
92040

za Rezalice za usecanje i obradne centre:  
elumatec, Graule, Pressta-Eisele, Rotox, Schüco, itd.

### Carbide-tipped sawblades for endmilling machines

for **Vee-notching** saws and CNC-working centres:  
elumatec, Graule, Pressta Eisele, Rotox, Schüco, etc.

Art.-Nr.	A	B	C	Z	
700 180 200	180	3,5	20	34	1
700 180 320	180	3,2	32	28	3
700 250 402	250	2,8	40	80	3
720 254 320	254	3,4	32	68	1
720 254 321	254	3,4	32	80	1
720 254 322	254	3,4	32	100	1
720 300 322	300	3,4	32	104	1
700 300 401	300	3,3	40	84	2
700 350 401	350	3,4	40	96	2
700 350 402	350	3,5	40	108	2
700 350 400	350	4,4	40	108	2
700 380 400	380	3,8	40	110	1
700 400 320	400	3,8	32	96	1
700 400 401	400	3,8	40	96	2
700 400 400	400	4,0	40	96	3
720 420 302	420	4,0	30	96	1
720 430 400	430	3,5	40	120	1
720 450 400	450	3,5	40	110	1
700 450 402	450	4,0	40	108	2
700 450 401	450	4,2	40	96	2
700 450 403	450	4,2	40	108	2
700 450 400	450	4,5	40	100	2
700 500 300	500	4,4	30	120	1
700 500 320	500	4,6	32	120	1 elumatec
700 500 321	500	4,6	32	60	1 elumatec
700 500 400	500	4,4	40	120	3
700 500 401	500	4,4	40	120	2
700 500 500	500	4,4	50	120	1
700 500 501	500	4,4	50	120	2
700 550 400	550	4,4	40	110	1
700 550 401	550	4,4	40	120	1
700 550 500	550	4,4	50	110	1
700 550 501	550	4,4	50	132	1
700 550 502	550	4,4	50	132	2
700 600 400	600	4,6	40	140	1



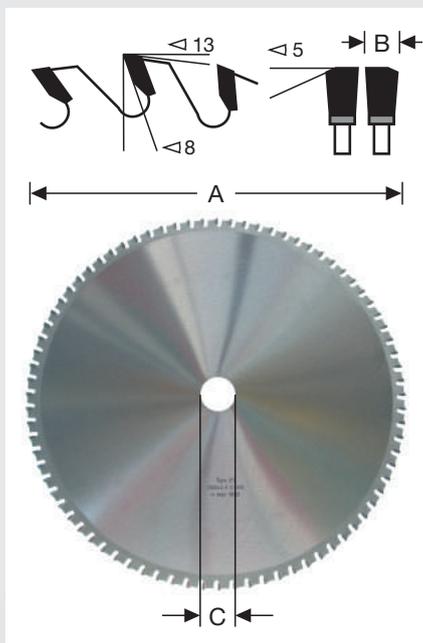
## Kružna testera za rezanje čelika HM

za suvo rezanje za specijalnim zubima , za mekane čelike, trgovačke profile, flahove i ugaone lajsne, bužire cevi, cevi, bakar, mesing, aluminijum. itd  
1500 - 1800 O/min

### Carbide-tipped steel-circular sawblades

*for dry-cutting, special teeth for cutting mild-steel, metal-clad workpieces, sandwich panels, angle irons, pipes, cable ducts, sheet metal, brass, copper, aluminium, etc.*

Art.-Nr.	A	B	C	Z
707 160 200	160	2,2	20	30
707 190 301	190	2,4	30	38
707 190 302	190	2,2	30	48
707 200 300	200	2,4	30	40
707 210 302	210	2,4	30	40
707 216 300	216	2,4	30	40
707 230 301	230	2,4	30	44
707 250 301	250	2,4	30	48
707 300 300	300	2,4	30	60
707 300 301	300	2,4	30	80
707 305 257	305	2,4	25,4	60
707 305 254	305	2,4	25,4	80
707 350 255	350	2,4	25,4	72
707 350 300	350	2,6	30	80
707 355 256	355	2,6	25,4	80
707 355 301	355	2,4	30	90
707 400 300	400	3,0	30	84

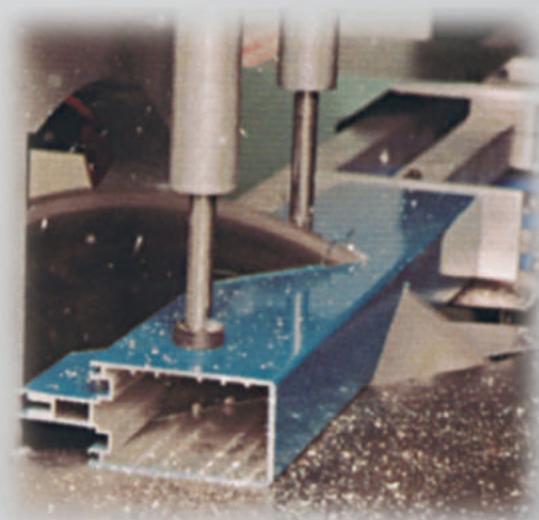


Specijalne kružne testere za podsecanje PVC lajsni

***Special glazing bead sawblades for simultaneous undercutting of the glazing bead profile***

Specijalni zubi testere za podsecanje i rezanje profila

***Special tooth shape for V-notch and cut off saws***



## Kružna glodala za čeone glodalice

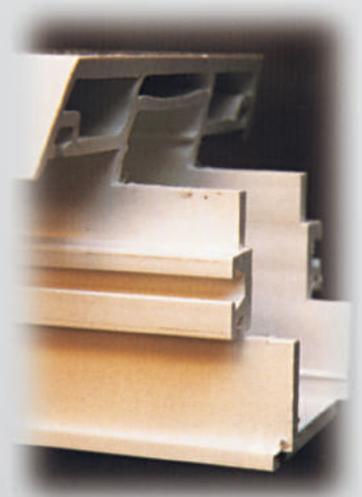
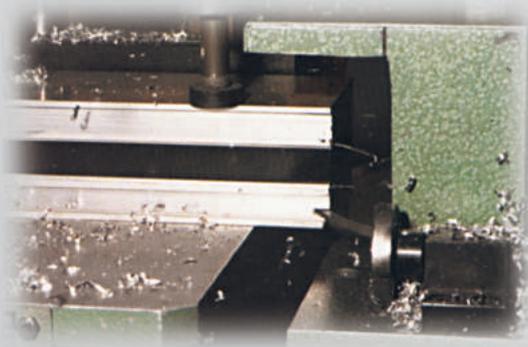
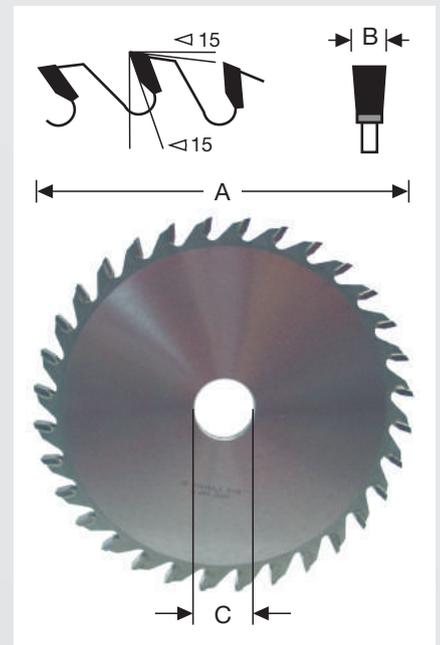
92050

za čeone glodalice:  
elumatec, Graule, Haffner, Pressta-Eisele, Rotox, Schüco, Wegoma, itd.

### ***Carbide-tipped endmilling cutters***

for endmilling machines:  
elumatec, Graule, Haffner, Pressta-Eisele, Rotox, Schüco, Wegoma, etc.

Art.-Nr.	A	B	C	Z
700 125 300	125	8,0	30	12
700 150 224	150	8,0	22	12
700 150 300	150	8,0	30	12
700 150 321	150	8,0	32	12
700 200 402	200	6,5	40	32
700 200 403	200	8,0	40	32
700 250 408	250	8,0	40	16
700 250 406	250	8,0	40	40
700 250 403	250	10,0	40	32
700 250 404	250	16,0	40	32
700 250 410	250	16,5	40	32
700 250 405	250	20,0	40	32
700 280 400	280	4,0	40	36
700 280 403	280	6,0	40	36
700 280 401	280	8,0	40	36
700 300 402	300	8,0	40	16
700 300 400	300	8,0	40	36

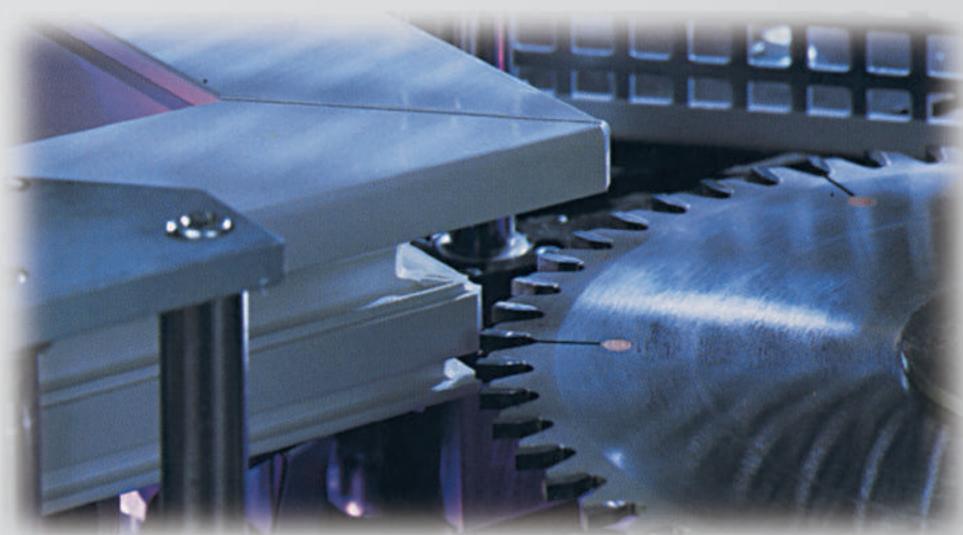
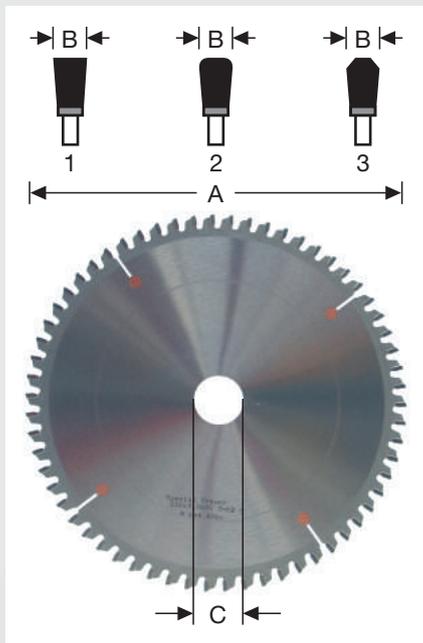


Za čišćenje spoljnjih kontura na CNC čistilicama npr. elumatec, Rotox, Stürtz, Urban, Wegoma, itd.

## Carbide-tipped sawblades

*Disk cutter for machining outer profile corners used on CNC-corner cleaners as elumatec, Rotox, Stürtz, Urban, Wegoma, etc.*

Art.-Nr.	A	B	C	Z	slika	
700 152 300	152	3,5	30	48	3	
473 817 745	170	4,5	20	12+4 R	2	
473 817 460	170	4,5	20	12+4 L	2	
700 180 250	180	2,8	25	48	1	
473 819 450	190	4,5	20	16+4 R	2	
473 819 460	190	4,5	20	16+4 L	2	
700 200 300	200	3,0	30	48	1	
700 225 300	225	3,6	30	54	3	
700 230 200	230	4,5	20	54+6	2	
700 230 328	230	3,0	30	60	2	
700 230 300	230	3,0	30	60	1	
700 250 200	250	4,5	20	56+8	2	
700 250 329	250	3,3	30	54	1	
700 250 327	250	2,5	32	54	1	
700 250 328	250	3,3	32	54	1	
700 250 326	250	5,0	32	32	2	
700 250 325	250	5,0	32	32	2	17 mm
700 250 324	250	5,0	32	63+5	2	
700 300 200	300	4,0	20	90+6	1	



Testere za čišćenje - takođe sa radijusom - za sve moderne CNC čistilice

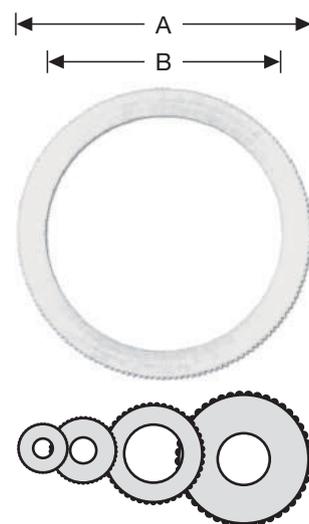
**Corner cleaning blades – also with radius – for streamlined CNC-corner cleaning machines**

- Precizne verzije, sa rubom  
Mnogo dostupnih dimenzija !

### **Bush for sawblades**

*precise version, rim*  
*Many other sizes available !*

Art.-Nr.	A	B	C
000 200 140	20	14	1,8
000 300 200	30	20	1,8
000 300 250	30	25	2,0
000 300 270	30	27	2,0
000 300 580	30	15,88	1,4
000 320 201	32	20	2,0
000 320 250	32	25	2,0
000 320 254	32	25,4	2,0
000 320 302	32	30	1,3
000 320 303	32	30	1,6
000 320 300	32	30	2,0
000 320 304	32	30	2,5
000 320 305	32	30	3,0
000 320 580	32	15,88	2,0
000 400 220	40	22	2,8
000 400 253	40	25	2,5
000 400 300	40	30	2,0
000 400 302	40	30	2,5
000 400 301	40	30	3,0
000 400 320	40	32	2,0
000 500 300	50	30	2,5
000 500 401	50	40	2,5
000 500 403	50	40	3,8





## Koncentrat za hlađenje

93000

- bio razgradiv , meša se sa vodom
- Odnos 1:20
- Za hlađenje alata pri obradi na:  
Kopirnim i glodalicama za drenaže, rezalicama za aluminijum i čelik, itd.

### **Coolant concentrate**

- **free from environment polluting substances, water mix**
- *mixing proportion: 1:20*
- *used for aluminium and steel:*  
*copy-router machines, waterslot machines, sawing machines for aluminium, etc.*

#### Art.-Nr.

600 000 005	5	Liter	Kanister	canister
600 000 020	20	Liter	Kanister	canister
600 000 200	200	Liter	bure	drum



## Koncentrat za hlađenje

93001

- za čelik , meša se sa vodom
- Odnos 1:10
- Upotreba na:  
rezalicama za čelik

### **Coolant concentrate**

- *for steel working*
- *mixing proportion 1:10*
- *used in:*  
**steel sawing machines**

#### Art.-Nr.

601 000 005	5	Liter	Kanister	canister
601 000 020	20	Liter	Kanister	canister



## Ulje za hlađenje

93010

- koristi se u:  
jedinicama za hlađenje (npr. elumatec, Pressta-Eisele, Emmegi, itd.)

### **High-duty coolant liquid**

- *used in:*  
**cycle mist spray units** (e.g. elumatec, Pressta-Eisele, Emmegi, etc.)

#### Art.-Nr.

604 000 001	1	Liter	Flaša	bottle
604 000 005	5	Liter	Kanister	canister
604 000 020	20	Liter	Kanister	canister
604 000 200	200	Liter	Bure	drum

## Ulje za hlađenje

93011

- ne iritira kožu
- koristi se u:  
jedinicama za hlađenje (npr. elumatec, Pressta-Eisele, Emmegi, itd.)

### **High-duty coolant liquid**

- **no skin irritation**
- *used in:*  
**cycle mist spray units** (e.g. elumatec, Pressta-Eisele, Emmegi, etc.)

#### Art.-Nr.

604 001 001	1	Liter	Flaša	bottle
604 001 005	5	Liter	Kanister	canister
604 001 020	20	Liter	Kanister	canister



## Ulje za hlađenje RAPID

93015

Univerzalno Neutralnog mirisa

### **Coolant liquid RAPID**

*All-purpose  
odour neutral and low-volatility*

#### Art.-Nr.

606 000 005	5	Liter	Kanister	canister
606 000 020	20	Liter	Kanister	canister



## Ulje za hlađenje EMMEGI P68

93016

- specijalno dizajnirano za pulsno hlađenje na EMMEGI QUADRA, SATELLITE, itd.

### **Coolant liquid EMMEGI P68**

- *special designed for pulsed spray coolant system EMMEGI QUADRA, SATELLITE, etc.*

#### Art.-Nr.

607 000 005	5	Liter	Kanister	canister
607 000 020	20	Liter	Kanister	canister
607 000 200	200	Liter	Bure	drum





## Ulje za hlađenje - BRZO ISPARAVA

93017

- mala viskoznost-  
bez ostatka
- koristi se u:  
jedinicama za hlađenje (npr. elumatec, Pressta-Eisele, Emmegi, itd.)

### **High-duty coolant liquid**

- **with low viscosity and fast exhale**
- **residue-free**
- **used in:**  
**cycle mist spray units** (e.g. elumatec, Pressta-Eisele, Emmegi, etc.)

#### Art.-Nr.

608 000 005	5	Liter	Kanister	canister
608 000 020	20	Liter	Kanister	canister



## Pasta za hlađenje

93020

- za mašine bez sistema za hlađenje
- da hladi i podmazuje testere, burgije, glodala, ureznice...

### **Lubricant stick**

- **for machines without spray unit**
- **to cool and lubricate** circular sawblades, cutters, drills and thread toolings.

#### Art.-Nr.

602 000 350	300 g
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## Ulje za hlađenje u spreju

93021

- Ulje u spreju sa EP aditivima
- smanjuje habanje i stvara zaštitni film na alatu
- bez hlor-silikon - voska

### **Cutting oil spray**

- High-duty cutting oil with EP (Extreme-Pressure) additives**
- **abrasive wear and best possible lubricating oil film**
- free of chlorine-silicon-wax

#### Art.-Nr.

602 000 400	400 ml
-------------	--------

## Jednokomponentni lepak ALU RAPID P860

93100

za jednostavno, ekonomično i jako lepljenje aluminijuma u proizvodnji prozora, vrata i fasada  
Odobrio i potvrdio institut "Fensterinstitut Rosenheim" -  
Detalji su dostupni na zahtev  
A = Količina  
B = 1 - Kartuše, 2 - Salama  
C = Pakovanje/kutija  
Crna boja na zahtev

### **One-component adhesive ALU RAPID P860**

for **simple, economical and strong cementing of aluminium-profiles** in window-, door- and vehicle constructions.

**Proofed by "Fensterinstitut Rosenheim" -**

Detailed informations and technical data sheet available upon request.

A = Quantity

B = 1 - cartridges, 2 - tubes

C = packaging / box

colour black on request

Art.-Nr.	A	B	C	D	D
980 013 105	310 ml	1	20	bela	white
980 013 107	580 ml	2	20	bela	white



## Pištolj za lepak

93101

odgovara za 93100.  
Za istiskivanje našeg lepka P860

A = za pakovanje - B = način upotrebe

### **Glue equipment**

**suitable for 93100.**

To handle our glue P860

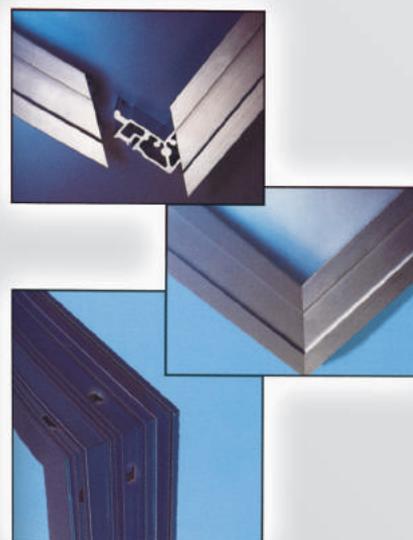
A = fits to cartridge - B = use

Art.-Nr.	A	B	Bild
980 013 201	310 ml	man.	1
980 013 202	310 ml	pneum.	2
980 013 200	580 ml	man.	1
980 013 203	580 ml	pneum.	3



Spojite vaše uglove sa JEDNOKOMPONENTNIM LEPKOM - najekonomičnijom metodom

**Fix your corner with ONE-COMPONENT GLUE - the most economic method**





## Specijalni čistač za P 860

93102

- Biološke sirovine
- za eloksirane,plastificirane i farbane profile

### **Special cleaning liquid ALU CLEANER P860**

- on base of biological rawmaterials
- for painted, anodised and powder-coated aluminium profiles

#### Art.-Nr.

603 000 001	1	Liter	konzerva	can
603 000 010	10	Liter	Kanister	canister
603 000 030	30	Liter	Kanister	canister
603 000 200	200	Liter	Bure	drum



## Lepak za diht gumu

93200

Za lepljenje gume na spojevima u izradi stolarije. Pakovanje - Kutija - 10 komada

### **Special glue for sealings**

to glue window seals at the cut surface. Box = 10 bottles

#### Art.-Nr. A

900 000 631	20 g
900 000 632	50 g

## Čaure

94000

odgovara za:  
Elu MOF 77, 131, 177  
ROTOX KF - Serija 1  
elumatec jedinice za bušenje  
elumatec AS 170 / GF 171 / KF178 / SBZ 122

### Collets

suitable to

Elu MOF 77, 131, 177

ROTOX KF - Serie 1

elumatec drill units

elumatec AS 170 / GF 171 / KF178 / SBZ 122

Art.-Nr.	A	B	C
077 351 030	3,0	19,6	34,2
077 351 040	4,0	19,6	34,2
077 351 050	5,0	19,6	34,2
077 351 060	6,0	19,6	34,2
077 351 063	6,35	19,6	34,2
077 351 070	7,0	19,6	34,2
077 351 080	8,0	19,6	34,2
077 351 090	9,0	19,6	34,2
077 351 095	9,52	19,6	34,2
077 351 100	10,0	19,6	34,2
077 351 120	12,0	19,6	34,2
077 351 127	12,7	19,6	34,2



## Čaure

94001

odgovara za:  
Elu MOF 96  
Wegoma OF  
Perles OF  
ROTOX drenažna glodalica

### Collets

suitable to:

Elu MOF 96

Wegoma OF

Perles OF

ROTOX Water slot machines

Art.-Nr.	A	B	C
053 351 005	6,0	13,5	26,0
053 351 006	6,35	13,5	26,0
053 351 004	8,0	13,5	26,0





## Čaure

94002

odgovara za:  
elumatec AS70, KF78, Haffner

### Collets

suitable to:  
elumatec AS70, KF78, Haffner

Art.-Nr.	A	B	C			
070 351 002	6,0	70,2	M8			
070 351 003	6,35	70,2	M8			
070 351 000	8,0	70,2	M8			
900 000 171	8,0	69,0	M10	MK2	Haffner+	MLA
070 351 004	9,52	70,2	M8			
078 351 000	10,0	70,2	M8			
900 000 172	10,0	69,0	M10	MK2	Haffner+	MLA



## Čaure

94003

odgovara za:  
Haffner, Wegoma KF

### Collets

suitable to:  
Haffner, Wegoma KF

Art.-Nr.	A	B	C
900 000 016	5,0	16,9	33,0
900 000 017	6,0	16,9	33,0
900 000 095	6,35	16,9	33,0
900 000 018	8,0	16,9	33,0
900 000 096	9,52	16,9	33,0
900 000 019	10,0	16,9	33,0



## Čaure

94004

odgovara za:  
Pertici Kopirna glodalica

### Collets

suitable to:  
Pertici copy routers

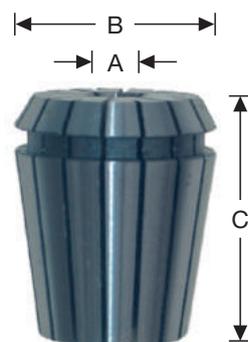
Art.-Nr.	A	B	C
900 000 031	8,0	15	30,3
900 000 032	9,52	15	30,3
900 000 033	10,0	15	30,3

**Čaure****94005**odgovara za:  
ROTOX KF od Serije 2**Collets**suitable to:  
ROTOX KF up from series 2

Art.-Nr.	A	B	C
900 000 049	5,0	15,6	34,5
900 000 021	6,0	15,6	34,5
900 000 022	8,0	15,6	34,5
900 000 023	10,0	15,6	34,5

**Čaure****94006**odgovara za:  
elumatec SBZ 130 / 140 / 150, SKL 118, ALTECH, Emmegi, TEKNA**Collets**suitable to:  
elumatec SBZ 130 / 140 / 150, SKL 118, ALTECH, Emmegi, TEKNA

Art.-Nr.	A	B	C
130 351 006	3,0-4,0	33,0	40,2
130 351 007	5,0-6,0	33,0	40,2
130 351 008	6,0-7,0	33,0	40,2
130 351 000	7,0-8,0	33,0	40,2
130 351 001	9,0-10,0	33,0	40,2
130 351 002	11,0-12,0	33,0	40,2
130 351 003	15,0-16,0	33,0	40,2
130 351 004	19,0-20,0	33,0	40,2

**Čaure****94007**odgovara za:  
Pressta-Eisele KF, Emmegi, FOM, elumatec**Collets**suitable to:  
Pressta-Eisele KF, Emmegi, FOM, elumatec

Art.-Nr.	A	B	C
900 000 073	6,0	21,0	31,5
900 000 074	8,0	21,0	31,5
900 000 075	10,0	21,0	31,5
900 000 170	12,0	21,0	31,5



odgovara za:

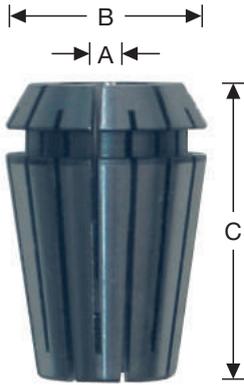
elumatec SBZ Tip 122, EMMEGI, Pressta CopyS, Rotox AKF

**Collets**

suitable to:

elumatec SBZ Type 122, EMMEGI, Pressta CopyS, Rotox AKF

Art.-Nr.	A	B	C
122 351 010	0,5-1,0	16,8	28
122 351 015	1,0-1,5	16,8	28
122 351 020	1,5-2,0	16,8	28
122 351 025	2,0-2,5	16,8	28
122 351 030	2,5-3,0	16,8	28
122 351 040	3,0-4,0	16,8	28
122 351 050	4,0-5,0	16,8	28
122 351 060	5,0-6,0	16,8	28
122 351 070	6,0-7,0	16,8	28
122 351 080	7,0-8,0	16,8	28
122 351 090	8,0-9,0	16,8	28
122 351 000	9,0-10,0	16,8	28

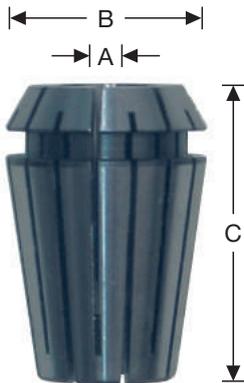


odgovara za: elumatec BZ, EMMEGI, Thorwesten

**Collets**

suitable to: elumatec BZ, EMMEGI, Thorwesten

Art.-Nr.	A	B	C
900 000 504	3,0-4,0	25,7	34
900 000 506	5,0-6,0	25,7	34
900 000 508	7,0-8,0	25,7	34
900 000 509	8,0-9,0	25,7	34
900 000 510	9,0-10,0	25,7	34
900 000 511	10,0-11,0	25,7	34
900 000 512	11,0-12,0	25,7	34



## Čaure

**94014**

odgovara za: elumatec  
SBZ 610, Haffner

Ostale dimenzije na zahtev

### Collets

suitable to:  
elumatec SBZ 610, Haffner  
Other dimensions upon demand

Art.-Nr.	A	B	C
610 351 003	5,0	19,8	33
610 351 004	6,0	19,8	33
610 351 001	8,0	19,8	33
610 351 000	10,0	19,8	33
610 351 012	12,0	19,8	33



## Čaure

**94015**

odgovara za:  
Više osne glave bušilica sa navojem M8x0,75 mm

### Collets

suitable to:  
Multi-spindle drill heads with male thread M8x0,75 mm

Art.-Nr.	A	B	C
900 000 452	3,0	10,9	33
900 000 453	4,0	10,9	33
900 000 455	5,0	10,9	33
900 000 456	6,0	10,9	33



## Stezači čaura

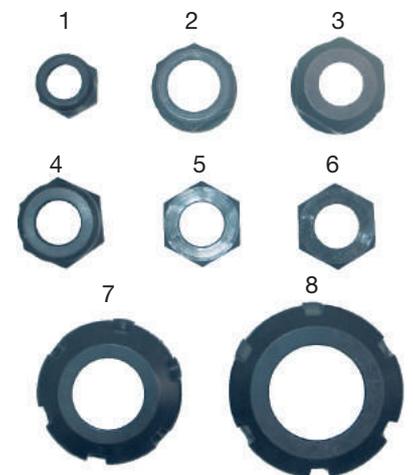
**94009**

A = slika - B = odgovara za

### Collet nut

A = picture - B = suitable to

Art.-Nr.	A	B
053 107 400	1	94001
077 107 400	2	94000
112 122 402	2	94000
122 107 400	3	94008
900 000 024	4	94005
900 000 020	5	94003
900 000 068	6	94004
900 000 076	7	94007
900 352 100	7	94012
130 352 100	8	94006



## Stezni šrafovi za čaure

94010

za elumatec AS 70 / KF 78  
staru i novu varijantu  
B = odgovara za

### Clamping screw

for elumatec AS 70 / KF 78  
old and new version  
B = suitable to



Art.-Nr.			B	Bild
070 910 704	Alt	stara	94002	2
070 910 711	Neu	nova	94002	1

## Čaura

94013

komplet za kopirne glodalice, drenažne glodalice Striffler, STRIMA, itd.

### Collet chuck

cpl., for router motors, drainage slot routers as Striffler, STRIMA, etc.



Art.-Nr.	A	B	C
900 000 045	6	M10	40
900 000 046	8	M10	40
900 000 047	6	M12x1	40
900 000 048	8	M12x1	40
900 000 054	10	M10	45
900 000 057	10	M12x1	45
900 000 058	12	M10	50
900 000 061	12	M12x1	50

## Nož za čiščenje - tkz. burek nož

95000

koristi se za uklanjanje viška vara pri izradi PVC stolarije

### ***Moon knife***

*used to remove welding sprue from UPVC-windows*

Art.-Nr.				Bild
900 000 202			Economy	1
900 000 010	Original	/Genuine	Don Carlos	2

Vođica na zahtev

*Button stick on request*



**Najjeftiniji način za čiščenje vara -  
tkz. burek nož napravljen od  
najkvalitetnijeg čelika**

***The cheapest method to remove  
welding sprue – Moon knives  
made of best steel quality***

Za čiščenje gornje i donje površine kod PVC profila Koriste se na mašinama npr. Actual, elumatec, KMW, Pertici, Rotox, Stürtz, Urban, Wegoma, Zierke, itd.

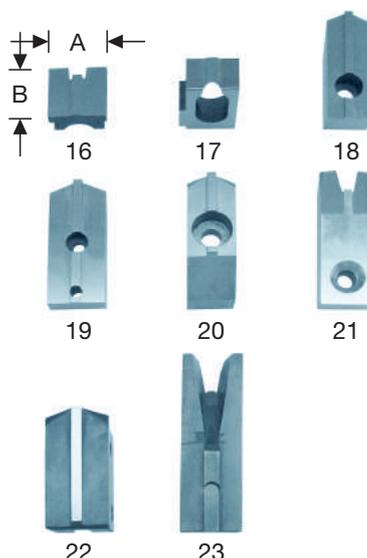
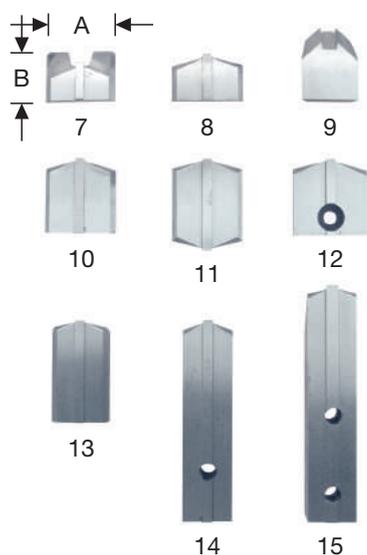
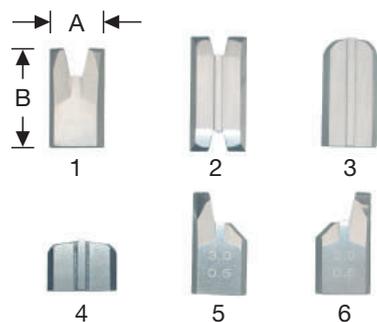
Specijalne izvedbe na zahtev za ostale mašine

## Groove knives

for grooving top and bottom surfaces of welded UPVC-window corners.

Used on machines of Actual, elumatec, KMW, Pertici, Rotox, Stürtz, Urban, Wegoma, Zierke, etc.

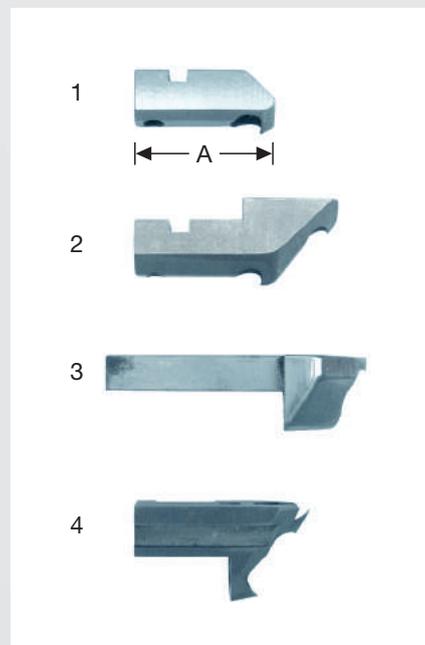
Also special design for other machines on request



Art.-Nr.	A	B	C	D	slika	odgovara /isto
900 000 040	19	35	0,0	0,0	1	Urban, Zierke, Glöckner
900 000 041	19	35	2,5	0,3	1	Urban, Zierke, Glöckner
900 000 050	19	35	2,5	0,4	1	Urban, Zierke, Glöckner
900 000 042	19	35	2,5	0,5	1	Urban, Zierke, Glöckner
900 000 213	19	35	2,8	0,5	1	Urban, Zierke, Glöckner
900 000 044	19	35	3,0	0,3	1	Urban, Zierke, Glöckner
900 000 039	19	35	3,0	0,5	1	Urban, Zierke, Glöckner
900 000 143	19	35	3,5	0,5	1	Urban, Zierke, Glöckner
900 000 144	19	35	5,0	-0,1	1	Erhaben / jade
900 000 209	19	40	0,0	0,0	2	elumatec, Stürtz
900 000 212	19	40	2,8	0,5	2	elumatec, Stürtz
900 000 214	19	40	3,6	0,5	2	elumatec, Stürtz
900 000 226	24	30	2,5	0,5	2	Rotox 17/EPA 376
900 000 224	24	41	0,0	0,0	2	Rotox 17/EPA 376
900 000 220	24	41	2,5	0,5	2	Rotox 17/EPA 376
900 000 219	24	41	3,0	-0,7	2	Rotox 17/EPA 376
900 000 229	24	41	3,0	0,3	2	Rotox 17/EPA 376
900 000 221	24	41	3,0	0,5	2	Rotox 17/EPA 376
900 000 225	19	38	2,8	0,3	3	Wegoma
900 000 227	19	40	3,0	0,3	3	Wegoma
900 000 043	24	18	2,5	0,3	4	Actual
900 000 222	24	20	2,5	0,5	4	Actual
900 000 223	24	20	3,0	0,5	4	Actual
900 000 072	19	35	3,0	0,5	5	Urban SV480
900 000 071	19	35	3,0	0,5	6	Urban SV480
900 000 064	24	15	3,0	0,5	7	Rotox 37
900 000 066	24	15	3,0	0,7	8	Rotox 37
900 000 087	24	25	3,0	0,5	10	Rotox 375 / 379
900 000 088	24	30	3,0	0,6	11	Rotox 375 / 379
900 000 250	19	40	3,0	0,5	13	Zierke 7402
900 000 062	16	65	3,0	0,5	14	Urban SV300
900 000 063	16	80	3,0	0,5	15	Urban SV400
900 000 241	20	25	3,0	0,5	17	Stürtz
900 000 242	16	43	3,0	0,6	18	MLA, V-Tecnic
900 000 243	19	46	3,0	0,6	19	elumatec EV343
900 000 244	19	43	3,0	0,7	20	Kombimatec
900 000 245	19	50	3,0	0,5	21	V-tecnic/Kombimatec
900 000 247	20	40	3,0	0,3	22	Someco, Technoplast
900 000 246	20	61	3,0	0,3	23	Someco

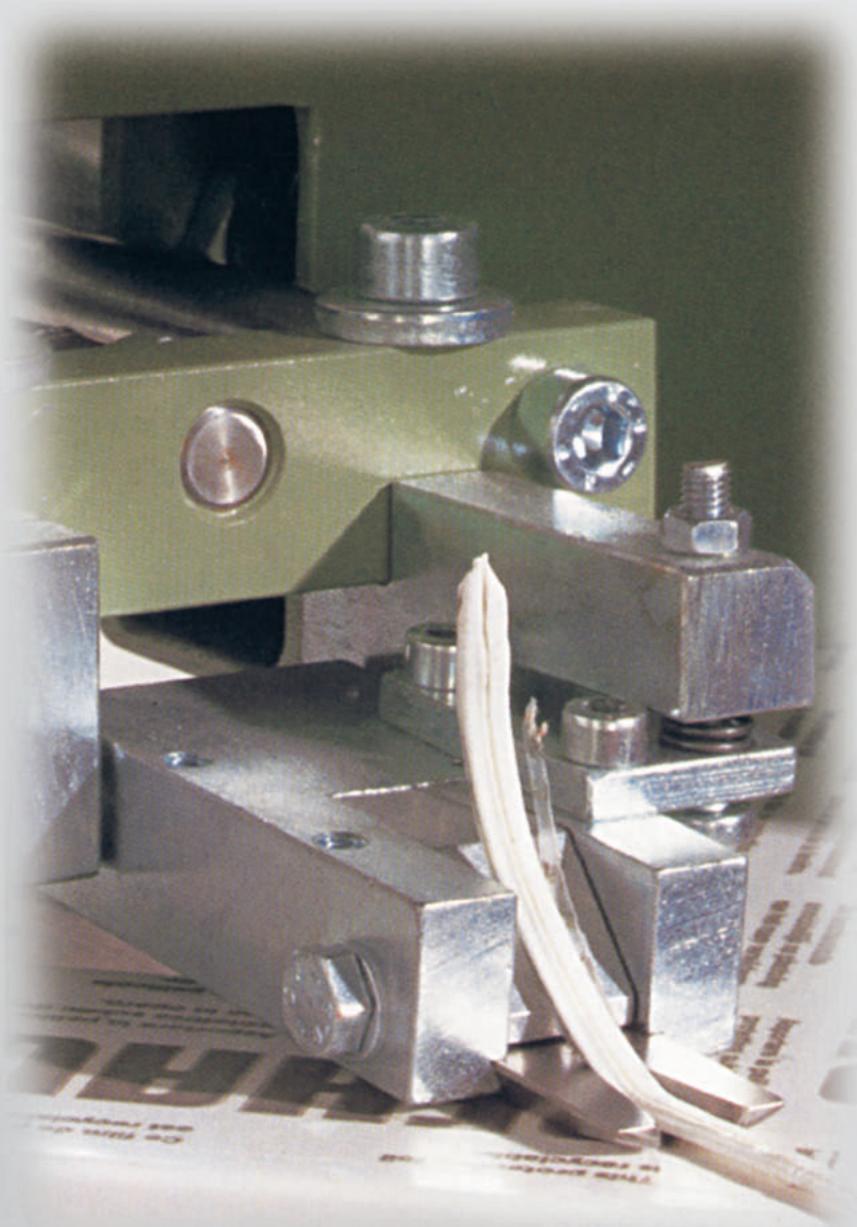
**Inside cleaning knives**

Art.-Nr.	A	Abb.			
900 000 300	39	1	jednostrani	single-	hook
900 000 303	55	2	dupli	double-	hook
900 000 304	67	3			
900 000 305	46	4			



Nožići u mnogo različitim veličinama

**Groove knives in many different sizes**



## Makaze za gumu

95019

za uklapanje dihtung gume na fasadama bez otpada i merenja



### **Notching pliers**

*for reasonable assembling of rubber gaskets on glass clading panels / curtain wall extrusions without measuring, no waste*

Art.-Nr.	A	B
900 000 280	51	15
900 000 281	61	15

## Makaze za gumu

95020

za rezanje gume,plastičnih profila ili drveta u trakama - graničnici na 45°

- PVC drška

\* tanko sečivo za male i mekane profile



### **Gasket shears**

*for industry and trade handicraft.*

*- to cut ledges, profiles etc. made of plastics, rubber or wood*

*- two fixed stops 45°*

*\* thinn cutting blade for small or very soft extrusions*

Art.-Nr.				Abb.
900 000 014	Standard	Economy		1
900 000 140	Original	Genuine	Löwe	1
900 000 002	Spezial	special	*	2

## Rezervni nožići / spare parts

Art.Nr.	Opis / Description
900 100 014	Nožić Spare blade
900 100 140	Nožić Original Löwe Spare blade Löwe



## Makaze za gumu za V izrez

95021

za sva uklapanja dihtung gume pri izradi stolarije, bez merenja i otpada

### **V-notch gasket shears**

for all kind of window- and door sealings.

Reasonable assembling of sealings without measuring, no waste

#### Art.-Nr.

900 000 080    Original    Löwe

## Rezervni nožići / Spare parts

#### Art.Nr.

Opis / Description

900 000 081    Nožići (Par)  
Spare knife (pair)



## Makaze za gumu - varijabilne

95022

za sve dihtung gume u proizvodnji stolarije Uglovi 45°/60°/75°/90°/105°/120°/135°

### **Gasket shears -adjustable-**

for all kind of window- and door sealings;

adjustable angels 45°/60°/75°/90°/105°/120°/135°

#### Art.-Nr.

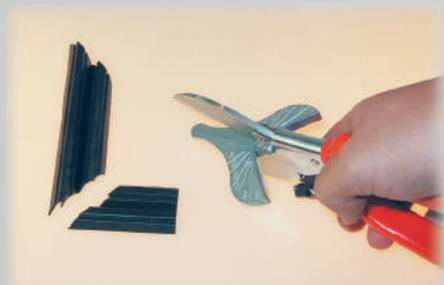
900 000 013

## Rezervni nožići / Spare parts

#### Art.Nr.

Opis / Description

900 100 014    Nožići  
Spare blade





## Makaze za gumu

95023

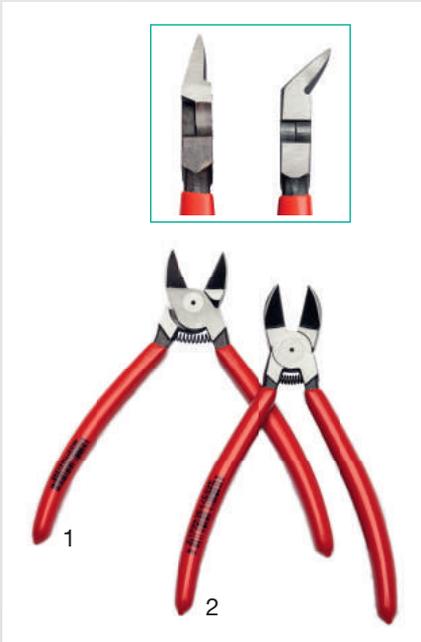
Univerzalne, kvalitetne, trajne, čelične,  
precizne i oštre - marka Finny

### ***Gasket scissor***

*All-round scissors, best quality  
lasting, stainless, exact and sharp -Finny brand-*

**Art.-Nr.**

900 000 007



## Ugaona klešta

95024

Za uklanjanje viška PVC vara  
- ravna (1)  
- 45° za uklanjanje viška ispod dihtung gume (2)

### ***Side cutter for PVC***

*for flush cut of PVC  
- straight  
- 45° angle, internal corner gasket snips*

**Art.-Nr.**

900 000 012            1

900 000 015            2

## Utiskivači dihtung gume - kolica

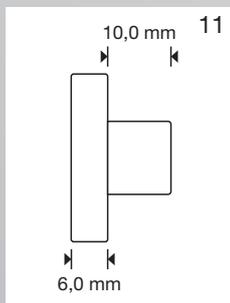
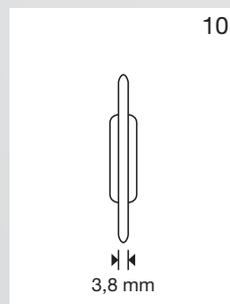
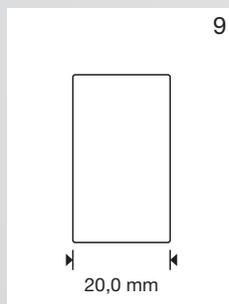
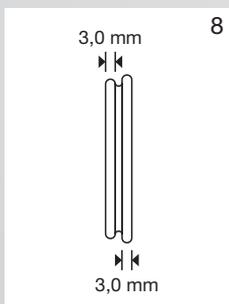
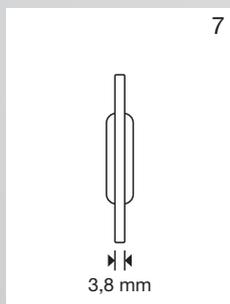
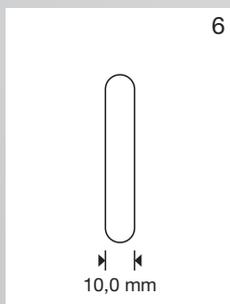
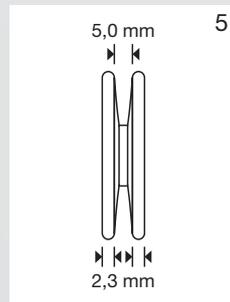
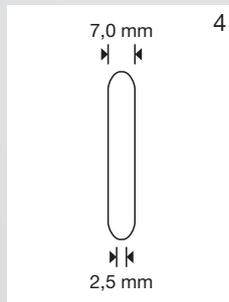
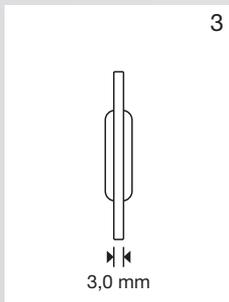
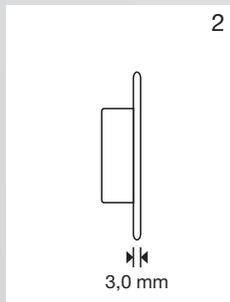
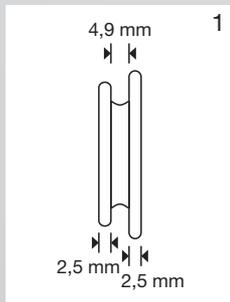
95025

Za lakše utiskivanje dihtung gume u žlebove profila.  
Prečnik 40 mm.

### Gasket roller

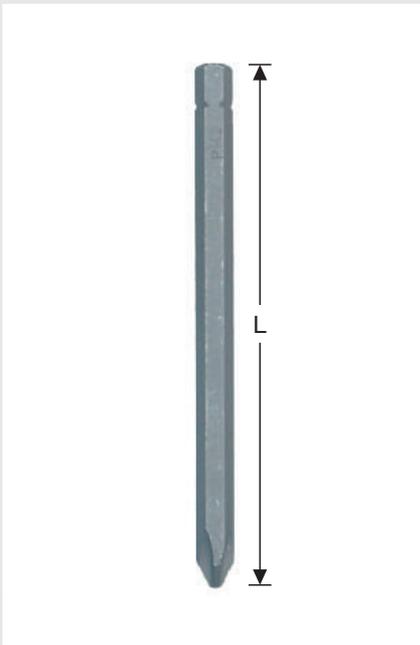
for reasonable assembling of sealings.  
Diameter of roll 40 mm.

Art.-Nr.	sl.
952 000 001	1
952 000 002	2
952 000 003	3
952 000 004	4
952 000 005	5
952 000 006	6
952 000 007	7
952 000 008	8
952 000 009	9
952 000 010	10
952 000 011	11



## Umetači za šrafljenje

95030



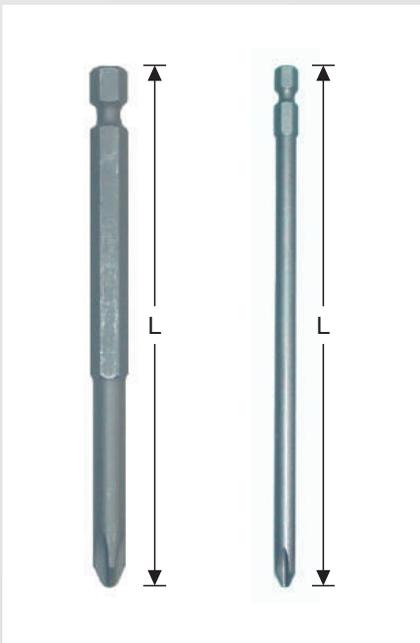
### Insert bits

1/4" C 6.3

Art.-Nr.	A	L
900 000 077	PH1	25
900 000 026	PH2	25
900 000 025	PH2	50
900 000 115	PZ2	50
900 000 183	PH2	100
900 000 078	PH3	25
900 000 027	PZ2	25
900 000 086	TORX30	25
900 000 116	TORX10	50
900 000 117	TORX15	50
900 000 118	TORX20	50
900 000 119	TORX25	50
900 000 120	TORX30	50

## Umetači za šrafljenje

95031



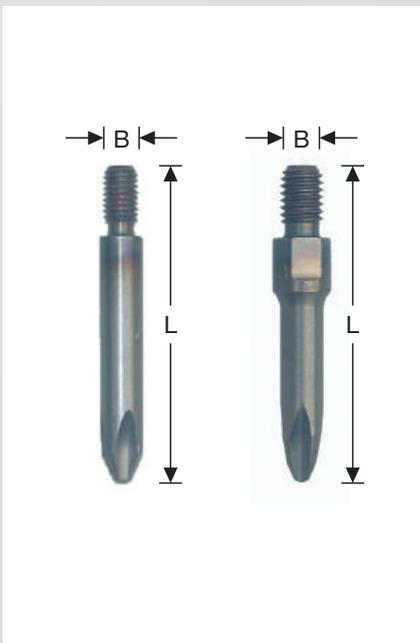
### Insert bits

1/4" E 6.3

Art.-Nr.	A	L	
900 000 186	PH2	50	
900 000 187	PH2	100	
900 000 188	PH2	152	
900 000 168	PH2	152	red.6,0 mm

## Umetači za šrafljenje

95032



sa navojem.  
Za šrafilice Powasert, Rotox, Striffler, Stürtz, Urban, Wegoma, itd.

### Insert bits

with thread.  
For stationary screw units Powasert, Rotox, Striffler, Stürtz, Urban, Wegoma, etc.

Art.-Nr.	A	B	L	
900 000 184	PH2	M4	33	
900 000 185	PH2	M5	33	
900 000 179	PH2	M5	33	d-6,0 mm
900 003 185	PH2	M5	33	d-7,0 mm
900 050 185	PH2	M5	33	ZrN-ojačan/ZrN-coated
900 000 079	PH2	M5	45	
900 000 029	PH2	M5	50	
900 000 034	PH2	UNF10-32	45	

ZrN - Cirkonijum nitrit

900 000 030	PH2	M6	44	
900 000 028	PH2	M6	44	d-6,0 mm
900 015 079	TX15	M5	45	
900 020 079	TX20	M5	45	

## Umetači za šrafljenje

95033

Sa navojem.

Za šrafilice Powasert, Rotox, Striffler, Stürtz, Urban, Wegoma, itd. sa izraženom ivicom radi boljeg naleganja

### **Insert Bits**

*with thread.*

*For stationary screw units Powasert, Rotox, Striffler, Stürtz, Urban, Wegoma, etc.*

***with canted edges for perfect fit***

Art.-Nr.	A	B	L
900 042 034	PH2	UNF10-32	45
900 042 179	PH2	M5	33



## Magnetni držač

95034

- za nastavke
- koristi se za ručne bušilice

### **Socket driver with permanent magnet**

*- for insert bits*

*- to use in drilling machines*

Art.-Nr.	L mm
900 000 151	74



## Produžetak za umetače sa navojem M5

95036

za mašine za šrafljenje  
1/4" E 6.3

### Bit extension for bits with male thread M5

suitable for stationary screw units  
1/4" E 6.3

Art.-Nr.	L	
900 000 193	90	
900 000 200	116	
900 000 194	128	
900 000 195	150	
900 000 207	115	UNF10/32 elumatec
900 000 205	142	UNF10/32
900 000 208	155	UNF10/32 elumatec
900 000 211	158	
900 000 206	158	UNF10/32
900 000 231	162	UNF10/32



## Nastavak , spojnica

95037

sa navojem na oba kraja

### Connection

with female thread on both sides

Art.-Nr.	B	D	L		
900 000 191	M5	8	25		
900 001 191	M5	7,6	25		
900 000 192	M5/M6	8	30		
900 000 196	UNF10/32	8	27	IG/AG	spolj./unutra.



## Produžeci za umetače

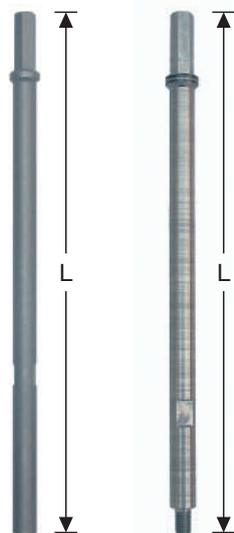
95038

Specijalo za POWASERT ADS, Stürtz, itd.

### Bit extension

special for POWASERT ADS, Stürtz, etc.

Art.-Nr.	L mm			
900 000 198	175	UNF	Unut.-Navoj	female thread
900 000 201	175	M5	Unut.-Navoj	female thread
900 001 201	158	M5	Spolj.-Navoj	male thread



## Produžeci za nastavke

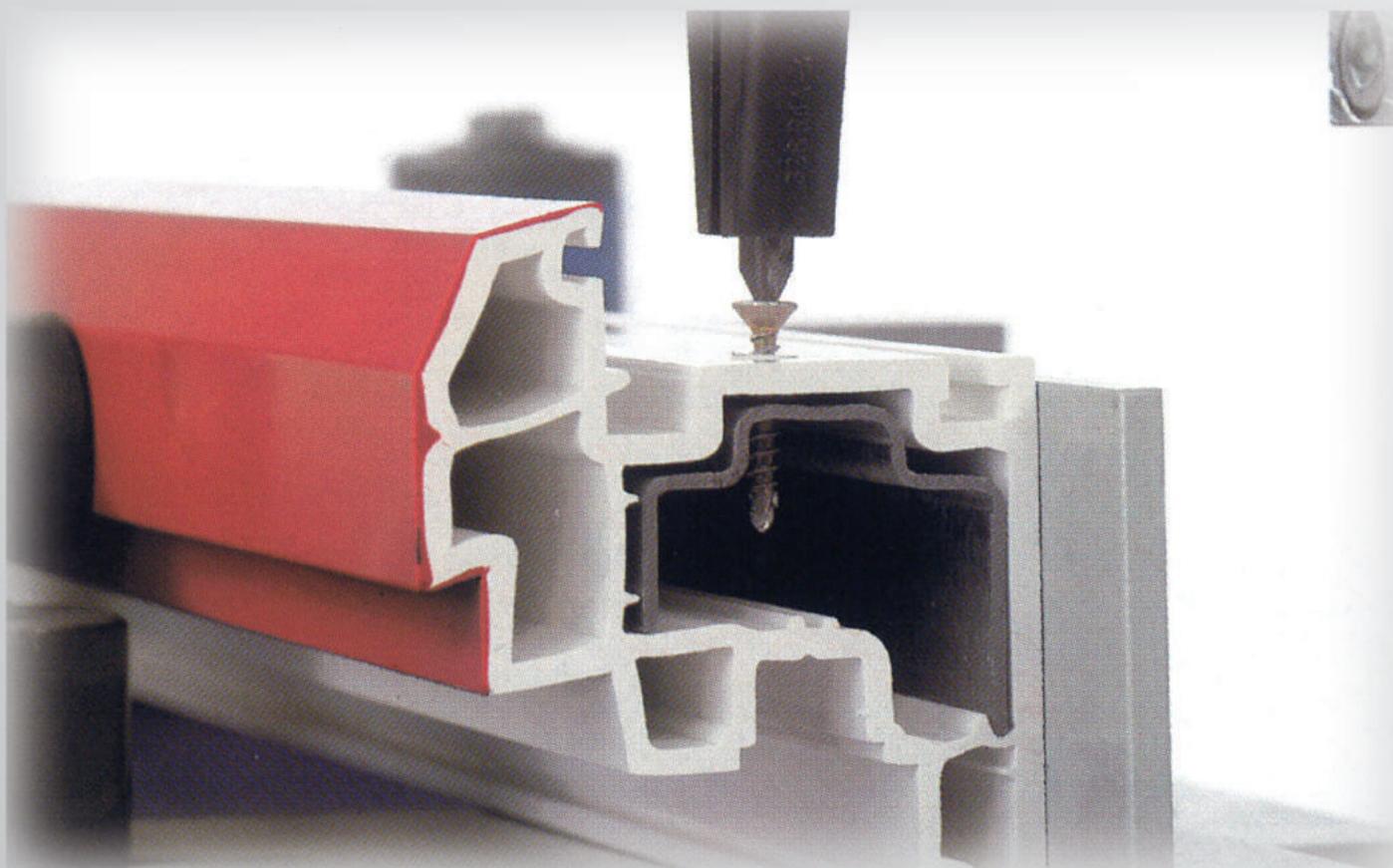
95039

Specijalno za  
npr. Federhenn, Schirmer, itd.

### **Bit-Extension**

*special version for Federhenn, Schirmer, etc.*

Art.-Nr.	L		B
900 000 203	154	M5	1
900 000 204	141	M5	2





## Čekići za stakljenje

95100

bez povratnog odskoka , za ubacivanje lajsni za staklo

### **Softhammer**

*non-rebound, for glazing*

Art.-Nr.	D	sl
900 000 035	30	1
900 000 060	25	2



## Mekani čekići THOREX

95102

sa izmenjivim ulošcima

### **Softhammer THOREX**

*with removeable pads*

Art.-Nr.	D	
900 000 069	32 mm /	1,25 inch

## Rezevni delovi / Spare parts

Art.Nr.	Opis / Description
900 001 069	uložak Screwin faces



## Papučice za stakljenje - palije

95103

PVC (1)  
Drvo (2)  
PVC sa drvenom drškom (3)

### **Glazing paddle**

*PVC (1)  
Wood (2)  
PVC with wooden handle (3)*

Art.-Nr.	B
900 000 059	1
900 000 056	2
900 000 159	3

## Dleta

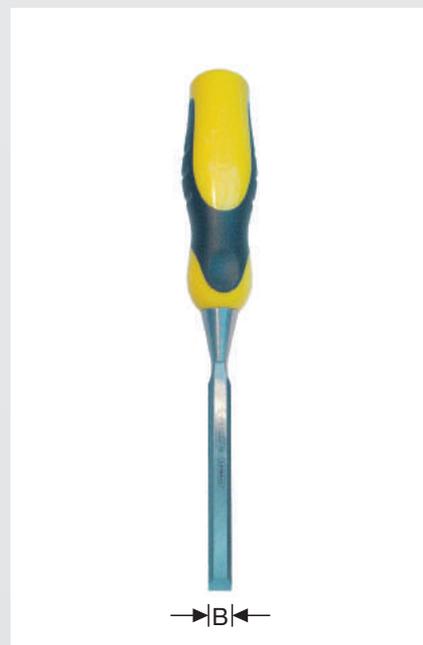
95104

Profesionalna, za uklanjanje viška vara, drška koja štiti od povreda

### Chisel

professional quality, to remove spread, splitproof handle

Art.-Nr.	B
900 000 105	4
900 000 112	6
900 000 113	8
900 000 106	10
900 000 109	12
900 000 110	14
900 000 107	16
900 000 114	25
900 000 108	30



## Multi - alat

95105

Univerzalni alat za SVE majstor

Sečivo od ojačanog čelika, kraj kao čekić

- takođe i za lako skidanje lajsni za staklo kod PVC i Alu stolarije

### Multi-Tool

All-purpose tool for **EVERY** craftsmen

hardened stainless steel blade, hammer-end

- also for removing bead from PVC and aluminium windows

Art.-Nr.

900 000 210



## Vakuum držači

95106

- Aluminijumski, TÜV-sertifikat

- Za podizanje svih materijala sa glatkom površinom npr. stakla,panel ploča, itd

### Suction lifter

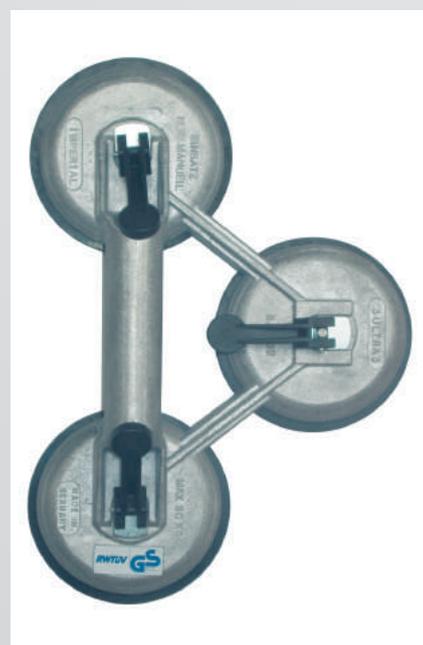
- made of aluminium, TÜV-proofed

- to lift all materials with smooth surface as glass, sheet metal, tiles, etc.

Art.-Nr.	A	B
900 000 602	2-glave	2-head
900 000 604	3-glave	3-head

## Rezervni delovi / Spare parts

Art.Nr.	Opis / Description
900 001 601	Uložak suction pad





## Teflon folije , rolne

95107

PREMIUM kvalitet za PVC varilice

### **TEFLON foil, rolls**

*Premium quality for UPVC-welding machines*

#### **Art.-Nr.**

900 000 129	200 mm	po mtr.	per metre	
900 000 137	220 mm	po mtr.	per metre	
900 000 130	230 mm	po mtr.	per metre	
900 000 131	240 mm	po mtr.	per metre	
900 000 132	250 mm	po mtr.	per metre	
900 000 133	255 mm	po mtr.	per metre	
900 000 134	320 mm	po mtr.	per metre	
900 000 135	340 mm	po mtr.	per metre	
900 000 136	540 mm	po mtr.	per metre	
900 000 127	1000 mm	po mtr.	per metre	
900 000 128	1000 mm	po mtr.	per metre	samoleplj. self-stick

## Teflon folije za mašine

95108

Pogodne za sve tipove mašina za varenje

npr. Actual, elumatec, Hollinger, Soenen, Someco, Stürtz, Urban, Wegoma, itd.

Ostale dimenzije na zahtev !

### **TEFLON foil**

*suitable for UPVC-welding machines*

*as Actual, elumatec, Hollinger, Soenen, Someco, Stürtz, Urban, Wegoma, etc.*

*Other sizes available upon request !*

<b>Art.-Nr.</b>	<b>A</b>	<b>B</b>			
900 510 230	230	510/250	ROTOX		
900 440 245	245	440/215	Hollinger		
900 250 390	250	390	Urban		
900 250 680	250	680	Someco,	elumatec	Serie 5
900 255 425	255	425	Urban		
900 320 460	320	460	Urban	AKS	
900 340 560	340	560	elumatec		700-730
900 340 680	340	680	Someco,	elumatec	Serie 5
900 360 350	360	350	Urban	AKS	
900 535 645	535	645	elumatec		700-730
900 540 680	540	680	Someco,	elumatec	Serie 5

## Pneumatska šrafilica

95200

promenjivi pravac, za veličinu 1/4"

### **Air-Screwdriver**

*adjustable clutch, bit size 1/4"*

#### Art.-Nr.

500 000 310	1800	O/min	Industrijska verzija
500 000 309	1800	O/min	Manja profi, verzija



## Bušilice

95201

Futer do 10 mm  
Desna /Leva rotacija

### **Reversible air drill**

*chuck cap. 10 mm  
RH/LH rotation*

#### Art.-Nr.

500 000 311	1800	UpM	Zahnkranz	gornja slika
500 000 313	1800	UpM	SSF	donja slika



## Ručni, pneumatski bijaks

95203

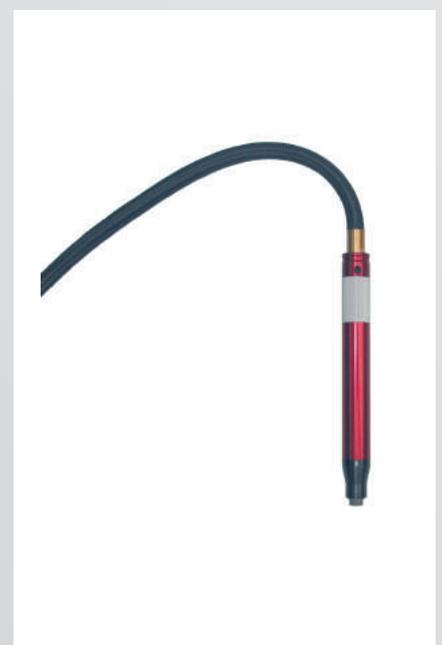
Glodala debljine 3mm.  
Odgovara za glodala grupe 91500/91600

### **Micro pencil drill**

*for router bits shank 3 mm.  
Fitting router bits see group 91500 / 91600*

#### Art.-Nr.

500 000 314	54.000	O/min
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## Pneumatska polirka

95206

sa krpenim valjkom D-80 mm

### **Sisal polisher, pneumatic**

with Sisal mop head d-80 mm

**Art.-Nr.**

500 000 355      80 mm

## Rezervni delovi / Spare parts

**Art.Nr.**      Opis / Description

900 000 008      Valjak muški navoj M8  
Mop Male thread M8

900 000 802      Valjak ženski navoj M14  
Mop Female thread M14



## Spiralno crevo - pneumatsko

95208

Sa brzim spojnicama

### **Spiral air-hose**

with couplings

**Art.-Nr.**

900 000 153      5 Metara



## Pneumatski pištolji

95209

### **Blow pistol**

**Art.-Nr.**      Alu      sl.

900 000 103      Alu      1

900 000 104      PVC      2

## Aparat za bušenje rupa za ručicu sa 3 burgije

95301

- Industrijska jedinica za bušenje sa dugim vekom trajanja Bušenje PVC profila sa i bez ojačanja
- max. visina profila 100 mm
- za burgije sa navojem M10 L-D-L
- Grupe 91300-91311
- Broj obrtaja max 1400 O/Min
- (za čelična ojačanja optimalno 1000 O/Min)
- Razmak između burgija 21,5 mm / 21.5 mm

### **Triple drill unit**

- industrial triple drill unit for heavy duty work
- drilling of PVC-profile & steel reinforcement
- max. profile height 100 mm
- for drills male thread M10 LH-RH-LH
- group 91300-91311
- max. speed 1400 rpm
- (for reinforcement 1000 rpm)
- distance of drill 21,5 / 21,5 mm

Art.-Nr.

000 000 449



## Ugaoni adapter za bušenje

95303

Futer do 10 mm  
za korišćenje sa standardnim bušilicama

### **Right angle drill attachment**

**with keyless chuck 10 mm**  
for use with standard drilling machines

Art.-Nr.

900 000 163      2000      O/Min



## Ugaoni adapter za šrafljenje

95304

za umetače 1/4"  
za korišćenje sa standardnim bušilicama

### **Right angle screwdriver**

**for bits 1/4"**  
for use with standard drilling machines

Art.-Nr.

900 000 162      2000      O/Min



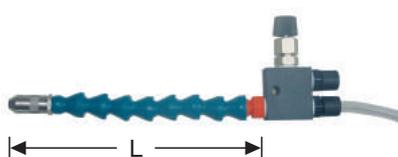
## Univerzalna jedinica za hlađenje

95400

Kao zamena ili dopunska jedinica sa lakim načinom montaže ( za glodalice, rezalice, itd.)

### Universal mist spray unit

for replacement or for supplementary and cheap assembling (copy routers, saws, drilling units, etc.)



#### Art.-Nr.

000 227 016 160 mm

000 227 015 300 mm

## Rezervni delovi / Spare parts

#### Art.Nr. Opis / Description

000 227 017 Magnetni držač  
Magnetic holder

070 281 300 Kanta za tečnost, 2 lit  
Can for coolant, 2 litre

## Stezni cilindar

95500

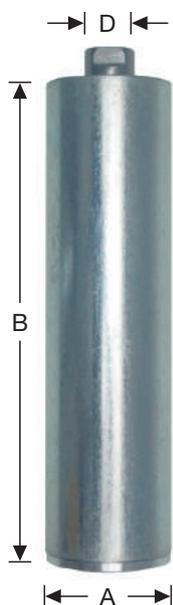
jednosmerni, konektor 1/8"  
M8 unutrašnji navoj  
C = Hod

### Pneumatic clamp cylinder

single action piston stroke, pneumatic connector 1/8"

M8 female thread

C = stroke



Art.-Nr.	A	B	C	D
900 025 100	30	196	100	M8
900 035 405	40	88	5	M8
900 035 040	40	88	40	M8
900 035 080	40	154	80	M8
900 035 120	40	207	120	M8
900 035 125	40	207	5	M8
900 040 080	45	149	80	M8

## Stezni cilindar

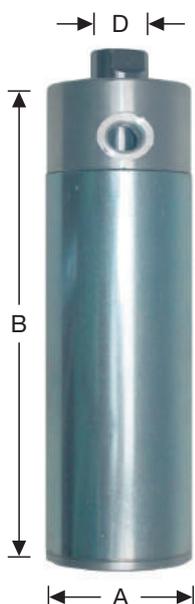
95501

dvosmerni, konektor 1/8"  
C = Hod

### Pneumatic clamp cylinder

double-acting piston stroke, pneumatic connector 1/8"

C = stroke



Art.-Nr.	A	B	C	D		
900 240 080	40	185	80	M8	unut.navoj	female th.
900 240 140	40	204	140	M8	unut.navoj	female th.
900 245 140	45	204	140	M8	unut.navoj	female th.
900 245 125	45	189	125	M10	unut.navoj	female th.
900 245 120	45	204	120	M8	unut.navoj	female th.
901 240 125	40	189	125	M10	spolj. navoj	male th.
901 240 140	40	204	140	M10	spolj. navoj	male th.
901 245 125	45	189	125	M10	spolj. navoj	male th.
901 245 140	45	204	140	M10	spolj. navoj	male th.
902 245 080	45	144	80	M12	spolj. navoj	male th.
902 245 125	45	189	125	M12	spolj. navoj	male th.

## Ugaoni konektor

95502

1/8" navoj za spajanje creva i cilindra

### Swivel coupling

1/8" thread to connect air hose with cylinders

Art.-Nr.	A
073 211 805	6/4
102 211 803	8/6



## Creva (PE)

95503

A = d-spoljašnji  
B = d-unutrašnji

### Air-hose (PE)

A = d-outside  
B = d-inside

Art.-Nr.	A	B		
088 207 006	6	4	po mtr.	per metre
088 207 008	8	6	po mtr.	per metre



## Pancirna creva, pneumatska

95504

- izdržljiva, sa metalnom oblogom

### Air-hose

- heavy duty, covered with metal texture

Art.-Nr.	A	B		
088 207 018	7	4	po mtr.	per metre



## Gumeni pritiskivači

95505

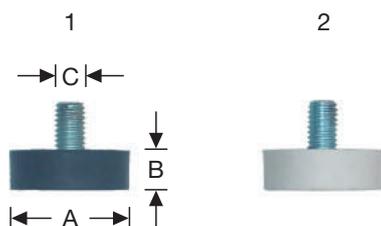
odgovaraju cilindrima grupe 95500

1 = crni - 2 = beli

### Rubber bumper

suitable to pneumatic clamp cylinder group 95500

1 = black - 2 = white



Art.-Nr.	A	B	C	F
900 000 230	25	10	6	1
900 000 006	25	20	8	1
900 000 005	30	10	8	1
900 000 167	30	10	8	2
900 000 001	40	10	8	1
900 000 004	40	25	8	1
900 001 004	40	25	8	IG unutrašnji
900 000 011	40	25	10	1
900 001 011	40	25	10	IG unutrašnji

## Držači steznog cilindra

95506

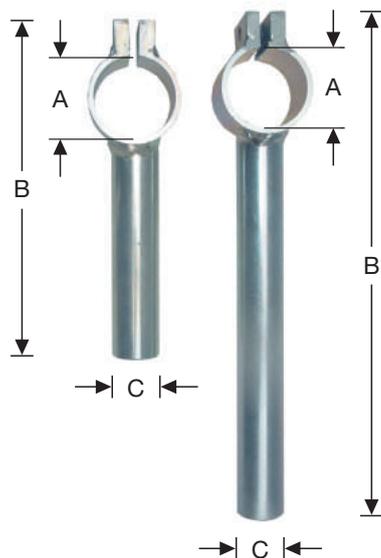
za stezače Grupe 95500

- pocinkovani čelik -

### Holder

for pneumatic cylinders group 95500

- galvanized steel -



Art.-Nr.	A	B	C
079 111 804	40	110	25
078 216 902	40	200	25

## Blok za stezanje držača profila

95507

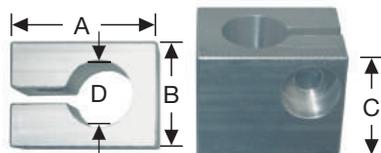
odgovara držačima stezača Grupe 95506.

Aluminijum.

### Clamp holder

fits to holders group 95506

- aluminium -



Art.-Nr.	A	B	C	D
079 116 533	55	40	45	25

## Stezne ručice

95510

sa spoljnjim navojem

### Handle

with male thread bolt

Art.-Nr.	A	B
078 233 200	6	15
078 233 203	6	25
078 233 207	6	40
078 233 211	6	50
078 233 213	6	60
078 233 201	8	20
078 233 204	8	40
078 233 206	8	50
078 233 214	8	60
078 233 220	8	70
078 233 221	8	80
078 233 205	10	40
078 233 202	10	50
078 233 215	10	60
078 233 209	10	85
078 233 216	12	30
078 233 217	12	40
078 233 218	12	60
078 233 212	12	70
078 233 219	12	90



## Stezne ručice

95511

sa unutrašnjim navojem

### Handle

with female thread

Art.-Nr.	A
011 233 201	M6
013 233 200	M8
011 233 200	M10
011 233 202	M12





## Crevo za distribuciju šrafova

95512

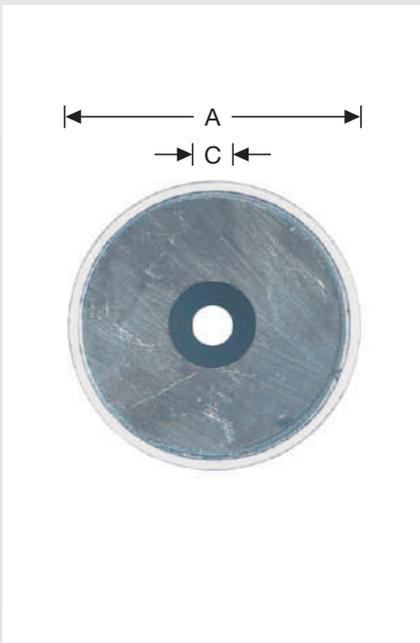
- PU-providno
- za šrafilice npr. POWASERT, KS, Taubert, Weber

### Screw delivery hose for screw-unit

**with male thread bolt**

- PU-material transparent
- for most screw feeders, e.g. POWASERT, KS, Taubert, Weber

Art.-Nr.	A		
088 207 711	7/11 mm	po mtr.	per metre
088 207 813	8/13 mm	po mtr.	per metre
088 207 914	9/14 mm	po mtr.	per metre
088 207 107	10/15 mm	po mtr.	per metre



## Magnet

95513

- jak, sa rupom za šraf
- za alate za varenje, rezanje, itd...

### Magnet

- heavy duty, with screw hole
- for welding profile contour blocks, etc....

Art.-Nr.	A	B	C
900 000 094	20	8	M5
900 000 091	25	8	M5
900 000 092	32	8	M5
900 000 090	40	8	M5



## Profili za radne stolove

95516

- Dužina 2000 mm
- C-Profil , čelik (1)
- Pečurka, PE zelena (2)
- Četka, (3)
- Specijalna pakovanja su sa dodatnim troškom

### Glide strip

- length 2000 mm
- steel channel (1)
- mushroom ledge PE green (2)
- brush glide strip (3)
- special packaging necessary - extra costs

Art.-Nr.	A
900 000 400	1
900 000 402	2
900 000 401	3

## Trakaste skale, metri

95600

- za merne sisteme
- sa desna na levo

1 = Polyamid-Farban u žuto  
2 = Farban, belo

### Scale tapes

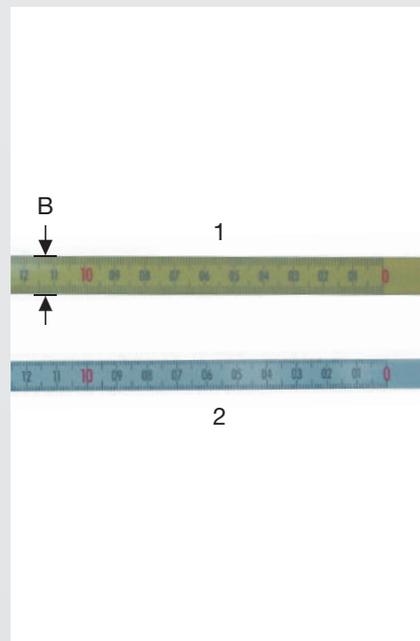
- for measuring systems, length stops, etc.

- **RH to LH**

1 = Polyamid-coated, yellow colour

2 = painted, white colour

Art.-Nr.	A	B	C
000 150 020	0 - 2 m	13 mm	1
000 150 030	0 - 3 m	13 mm	1
000 350 030	0 - 3 m	13 mm	2
000 150 050	0 - 5 m	13 mm	1
000 350 050	0 - 5 m	13 mm	2
000 150 100	0 - 10 m	13 mm	1
000 350 100	0 - 10 m	13 mm	2
000 150 150	0 - 15 m	13 mm	1



## Trakaste skale, metri

95601

- za merne sisteme, itd.
- sa leva na desno

1 = Polyamid-Farban u žuto  
2 = Farban, belo

### Scale tapes

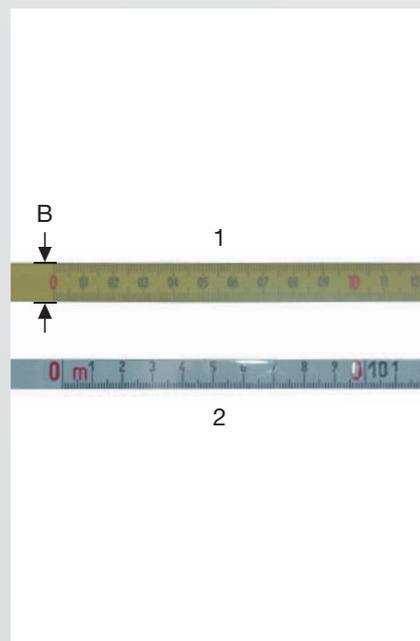
- for measuring systems, length stops, etc.

- **LH to RH**

1 = Polyamid-coated, yellow colour

2 = painted, white colour

Art.-Nr.	A	B	C
000 151 020	0 - 2 m	13 mm	1
000 151 030	0 - 3 m	13 mm	1
000 351 030	0 - 3 m	13 mm	2
000 151 050	0 - 5 m	13 mm	1
000 351 050	0 - 5 m	13 mm	2
000 151 100	0 - 10 m	13 mm	1
000 351 100	0 - 10 m	13 mm	2
000 151 150	0 - 15 m	13 mm	1



## Trakaste skale,metri - samolepljivi

95603

- za merne sisteme, itd
- sa desna u levo

1 = Polyamid-farban u žuto  
2 = farban, belo

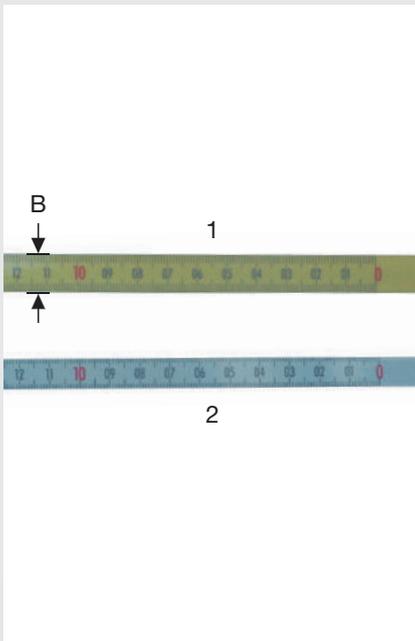
### Scale tapes, self-adhesive

- for measuring systems, length stops, etc.

- **RH to LH**

1 = Polyamid-coated, yellow colour  
2 = painted, white colour

Art.-Nr.	A	B	C
000 250 020	0 - 2 m	13 mm	1
000 450 020	0 - 2 m	10 mm	2
000 450 030	0 - 3 m	10 mm	2
000 250 030	0 - 3 m	13 mm	1
000 450 050	0 - 5 m	10 mm	2
000 250 050	0 - 5 m	13 mm	1
000 450 100	0 - 10 m	10 mm	2
000 250 100	0 - 10 m	13 mm	1



## Trakaste skale,metri - samolepljivi

95604

- za merne sisteme, itd
- sa leva na desno

1 = Polyamid-farban u žuto  
2 = farban, belo

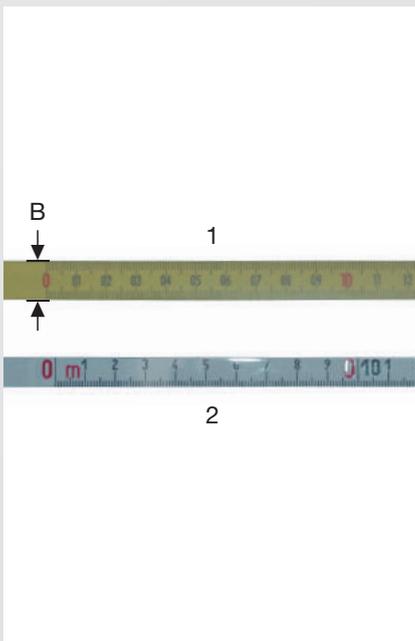
### Scale tapes, self-adhesive

- for measuring systems, length stops, etc.

- **LH to RH**

1 = Polyamid-coated, yellow colour  
2 = painted, white colour

Art.-Nr.	A	B	C
000 451 020	0 - 2 m	10 mm	2
000 251 020	0 - 2 m	13 mm	1
000 451 030	0 - 3 m	10 mm	2
000 251 030	0 - 3 m	13 mm	1
000 451 050	0 - 5 m	10 mm	2
000 251 050	0 - 5 m	13 mm	1
000 451 100	0 - 10 m	10 mm	2
000 251 100	0 - 10 m	13 mm	1



## Alati za čeono glodanje HM

95620

- prema nacrtu ili uzorku  
prečnici osovine 22/27/32/40 mm
- takođe i sa žljebom -

### ***End milling cutters, carbide tipped***

- according profile drawing / -sample  
available bore dia 22/27/32/40 mm
- also with keyway -

Art.-Nr.

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## Alati za čistilice, tvrdi metal

95621

po nacrtu ili uzorku

### ***Corner cleaner cutters, carbide tipped***

according profile drawing / -sample

Art.-Nr.

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## Alati za varenje

95625

prema profilu ili uzorku  
izrada od najkvalitetnijeg aluminijuma

### ***Welding support blocks***

according profile drawing / -sample  
made from high quality aluminium to any profile

Art.-Nr.

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Izrada prema crtežu ili uzorku za  
rezalice i rezalice PVC lajsni

### ***Saw support blocks***

*blocks according profile drawing / -sample  
for glazing bead- and miter saw machines*

**Art.-Nr.**

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## Napomena

- Artikli se plaćaju pre preuzimanja ili slanja
- Za artikle koji se vraćaju, ne našom krivicom, mora postojati raniji dogovor sa firmom. Roba ne sme biti oštećena i mora biti spremna za ponovnu prodaju. Zadržavamo pravo da naplatimo bilo kakve dodatne troškove nastale ovakvom situacijom.
- Specijalno napravljeni alati i prepravljena roba koja ne odgovara standardnim izvedbama se ne može vratiti.
- Zbog tehničkog napretka, podaci, dimenzije i oblici su dati kao vodič i ne znači da će roba absolutno odgovarati detaljima datim u opisu ili ilustracijama.

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- Returns, through no fault of us, may be returned by prior agreement of the company. They must be undamaged and fully marketable. We reserve the right to make a credit note with restocking and administration charge
- Specially manufactured tools, repairs of goods who don't correspond at the actual valid standards, can not be returned
- Because of the ongoing technical evolution, data, dimensions and design are given as a guide and does not mean that the goods will conform in absolute detail to the descriptions and illustrations

Proizvodnja alata/ Tool production

WEMARO® TOOLS GmbH, Max-Eyth-Str. 7, 75428 Illingen , Germany

Ovlašćeni uvoznik i distributer/ Authorized distributor

WEMARO ALATI D.O.O

Vladimira Rolovića 154 , Beograd R.Srbija

WEMAR



## WEMARO® TOOLS GmbH

Postfach 11 47 · Max-Eyth-Straße 7 · D-75428 Illingen  
Tel.: +49 (0) 70 42 / 82 63 - 0 · Fax: +49 (0) 70 42 / 82 63 - 23  
E-Mail: [verkauf@wemaro.de](mailto:verkauf@wemaro.de) · Internet: [www.wemaro.de](http://www.wemaro.de)

# WEMARO

## WEMARO ALATI D.O.O

Nenad Mavrenski

Direktor

Vladimira Rolovića 154  
11032 Beograd , R.Srbija

Tel. +381 (0) 65 2778 187  
Fax. +381 (0)11 239 00 49

[office@wemaro.rs](mailto:office@wemaro.rs)  
[www.wemaro.rs](http://www.wemaro.rs)



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