Karnasch™
PROFESSIONAL TOOLS

NOUVEAU
NEW

HP-3 PRO / PERFORMANCE

Nouveau concept révolutionnaire Universal-PRO

+82%

Jusqu'à 82 % de plus d'enlèvement de la matière que notre style de coupe HP-3 Universal habituel.

Hautes performances dû à la longue durée de vie des outils.

ANTI-VIBRATION

Utilisation pratiquement sans vibrations et contrôlée, même dans des conditions difficiles.

GREENTEC REVÊTEMENT COATED

Disponible dans la toute dernière technologie de revêtement GREEN-TEC pour augmenter davantage la durée de vie des outils.

The revolutionary new Universal-PRO cutting style

+82%

Up to 82% more material removal than our usual HP-3 Universal cutting style.

Long tool life comes with high performance.

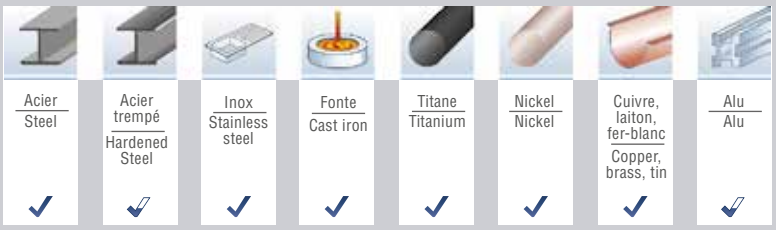
ANTI-VIBRATION

Almost vibration-free and controlled work even under tough roughing conditions possible.

GREENTEC REVÊTEMENT COATED

Available in the latest GREEN-TEC coating technology to further increase tool life.

UTILISATION - APPLICATION



Acier / Steel	Acier trempé / Hardened Steel	Inox / Stainless steel	Fonte / Cast iron	Titane / Titanium	Nickel / Nickel	Cuivre, laiton, fer-blanc / Copper, brass, tin	Alu / Alu
✓	✓	✓	✓	✓	✓	✓	✓

✓ Optimale · Optimal ✓ Bonne · Good

- Pour tous les types d'aciers tels que:
  - Fonte
  - Acier <60HRC
  - Acier inoxydable (INOX)
  - Base de nickel et alliage de titane
  - Également pour le cuivre, le laiton, le bronze.

- For all types of steel such as:
  - Cast iron
  - Steel <60HRC
  - Stainless steel
  - Nickel basis and titanium alloy
  - Also for copper, brass, bronze.

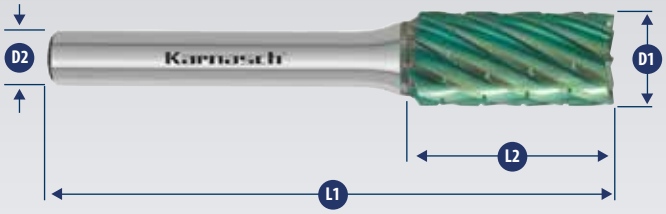
SPÉCIFICATION DE COUPE
CUTTING SPECIFICATION

MATÉRIAUX			UTILISATION	VITESSE DE COUPE m/min
Aciers, aciers coulés	Non trempés jusqu'à 1200 N/mm² (< 38 HRC)	Acier de construction, acier au carbone, acier à outils , acier non allié, acier cémenté, acier moulé, acier allié	Usinage grossier	450-600
	Trempés, traités thermiquement, de plus de 1200 N/mm² (< 38 HRC)	Acier à outils, acier trempé, acier allié, acier coulé		250-350
Acier inoxydable (INOX)	Résistants à la rouille et aux acides	Aciers inoxydables austénitique et ferritique		
Métaux non ferreux	Doux	Laiton, cuivre, zinc		
	Durs	Bronze, titane/alliage de titane, alliage d'aluminium dur (haute teneur en Si)		300-450
Fonte	Fonte grise, fonte blanche	Fonte à graphite lamellaire EN-GJL, Fonte à graphite sphéroïdal EN-GJS, Fonte blanche recuite EN-GJMW, Fonte noire EN-GJMB		450-600

MATERIAL GROUPS			APPLICATION	CUTTING SPEED m/min
Steel, cast steel	Steels up to 1200 N/mm² (< 38 HRC)	Construction steels, carbon steels, tool steels, non-alloyed steels, case-hardened steels, cast steels, alloyed steels	Coarse machining	450-600
	Hardened, heat-treated steels exceeding 1200 N/mm² (< 38 HRC)	Tool steels, tempering steels, alloyed steels, cast steels		250-350
Stainless steel	Rust and acid-resistant steels	Austenitic and ferritic stainless steels		
Non-ferrous metal	Soft-non-ferrous metals	Brass, copper, zinc		
	Hard-non-ferrous metals	Bronze, titanium/titanium alloys, hard aluminium alloys (high Si content)		300-450
Cast iron	Grey cast iron, white cast iron	Cast iron with flake graphite EN-GJL, Nodular graphite cast iron EN-GJS, White annealed cast iron EN-GJMW, Black cast iron EN-GJMB		450-600

VITESSE DE COUPE m/min • CUTTING SPEED m/min							
	250	300	350	400	450	500	600
ø (mm)	Vitesse de rotation (tr/min) • Rotational speed (RPM)						
6	13.000	16.000	19.000	21.000	24.000	27.000	32.000
8	10.000	12.000	14.000	16.000	18.000	20.000	24.000
10	8.000	10.000	11.000	13.000	14.000	16.000	19.000
12	7.000	8.000	9.000	11.000	12.000	13.000	16.000
16	5.000	6.000	7.000	8.000	9.000	10.000	12.000

11.6090



ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
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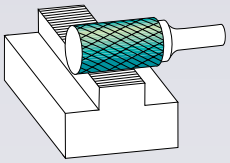
11.6090.020	• 8	20	6	65	✓	
11.6090.030	• 10	20	6	65	✓	
11.6090.040	• 12DIN	25	6	70	✓	
11.6090.050	• 16	25	6	70	✓	

A FORME / SHAPE **ZYA**

Cylindrique sans coupe en bout

Cylinder without end cut



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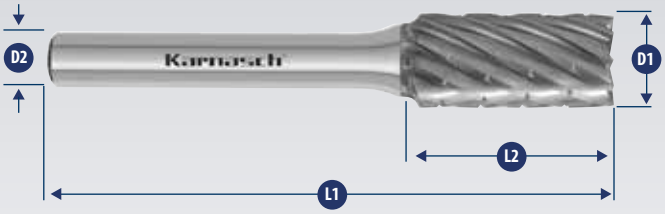

ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
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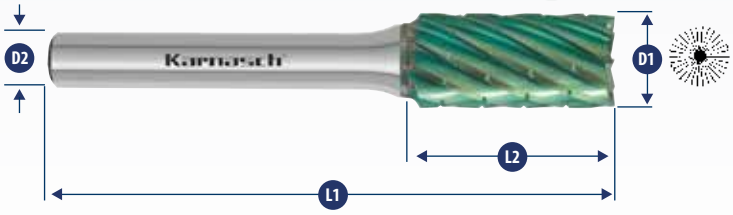
11.4090.020	• 8	20	6	65	✓	
11.4090.030	• 10	20	6	65	✓	
11.4090.040	• 12DIN	25	6	70	✓	
11.4090.050	• 16	25	6	70	✓	

11.6091



ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
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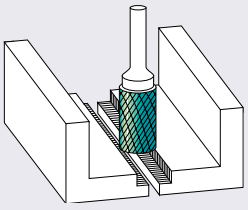
11.6091.020	• 8	20	6	65	✓	
11.6091.030	• 10	20	6	65	✓	
11.6091.040	• 12DIN	25	6	70	✓	
11.6091.050	• 16	25	6	70	✓	

B FORME / SHAPE **ZYB**

Cylindrique avec coupe en bout

Cylinder with end cut



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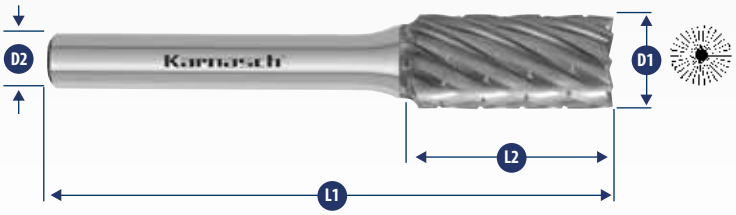
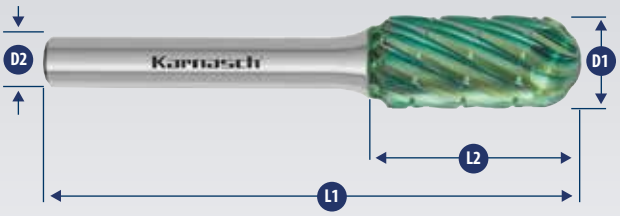


ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
11.4091.010	• 6	18	6	50		✓
11.4091.020	• 8	20	6	65	✓	
11.4091.030	• 10	20	6	65	✓	
11.4091.040	• 12DIN	25	6	70	✓	
11.4091.050	• 16	25	6	70	✓	

11.6092

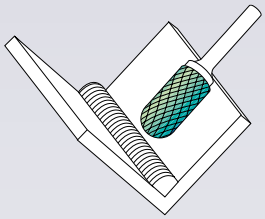


ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
11.6092.010	• 6	18	6	50		✓
11.6092.020	• 8	20	6	65	✓	
11.6092.030	• 10	20	6	65	✓	
11.6092.040	• 12DIN	25	6	70	✓	
11.6092.050	• 16	25	6	70	✓	

C FORME / SHAPE **WRC**

Cylindrique bout rond

Ball nosed cylinder



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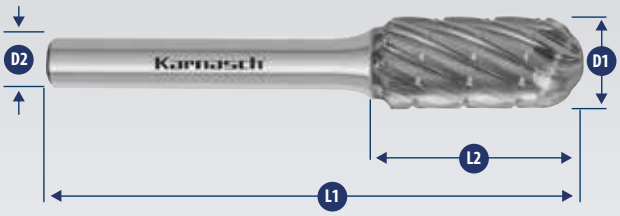


ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
11.4092.010	• 6	18	6	50		✓
11.4092.020	• 8	20	6	65	✓	
11.4092.030	• 10	20	6	65	✓	
11.4092.040	• 12DIN	25	6	70	✓	
11.4092.050	• 16	25	6	70	✓	

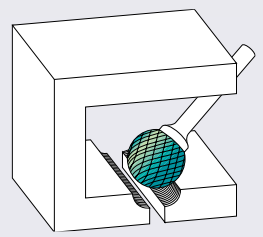
11.6093

ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
11.6093.010	• 6	4,8	6	50		✓
11.6093.020	• 8	7,0	6	52	✓	
11.6093.030	• 10	9,0	6	54	✓	
11.6093.040	• 12DIN	11,0	6	56	✓	
11.6093.050	• 16	14,0	6	59	✓	

D FORME / SHAPE **KUD**

Sphérique (boule)

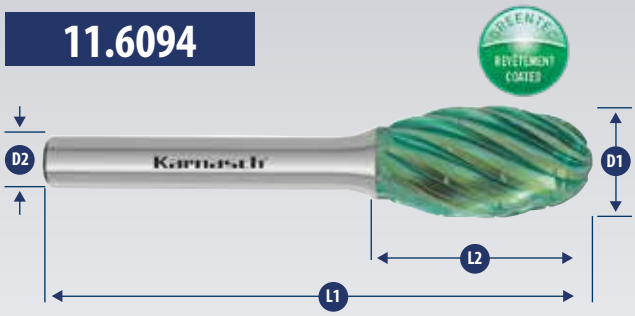
Ball



11.4093

ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
11.4093.010	• 6	4,8	6	50		✓
11.4093.020	• 8	7,0	6	52	✓	
11.4093.030	• 10	9,0	6	54	✓	
11.4093.040	• 12DIN	11,0	6	56	✓	
11.4093.050	• 16	14,0	6	59	✓	

11.6094

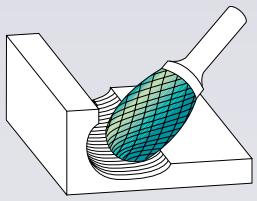


ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
11.6094.010	• 6	10	6	50		✓
11.6094.020	• 8	15	6	60	✓	
11.6094.030	• 10	15	6	60	✓	
11.6094.040	• 12DIN	20	6	65	✓	
11.6094.050	• 16	25	6	70	✓	

E FORME / SHAPE **TRE**

Ovale

Oval



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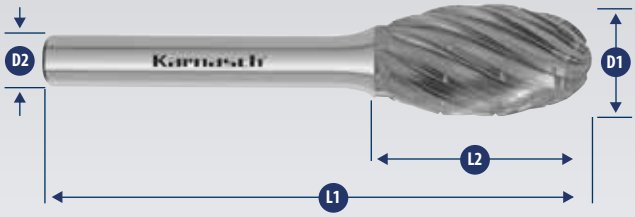
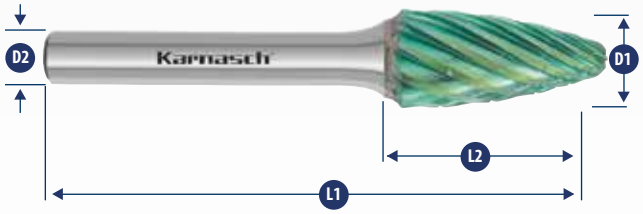


ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
11.4094.010	• 6	10	6	50		✓
11.4094.020	• 8	15	6	60	✓	
11.4094.030	• 10	15	6	60	✓	
11.4094.040	• 12DIN	20	6	65	✓	
11.4094.050	• 16	25	6	70	✓	

11.6095

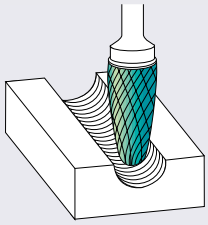


ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
11.6095.010	• 6	18	6	50		✓
11.6095.020	• 8	20	6	65	✓	
11.6095.030	• 10	20	6	65	✓	
11.6095.040	• 12DIN	25	6	70	✓	
11.6095.050	• 16	25	6	70	✓	

F FORME / SHAPE **RBF**

Ogive bout rond

Ball nosed tree



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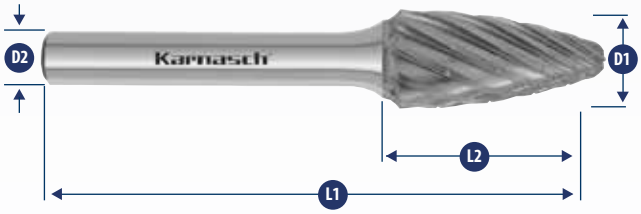
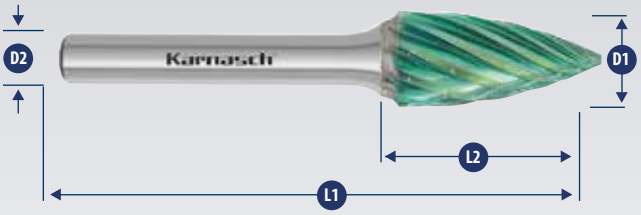


ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
11.4095.010	• 6	18	6	50		✓
11.4095.020	• 8	20	6	65	✓	
11.4095.030	• 10	20	6	65	✓	
11.4095.040	• 12DIN	25	6	70	✓	
11.4095.050	• 16	25	6	70	✓	

11.6096



ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
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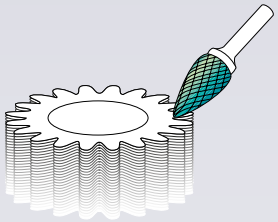
11.6096.020	• 8	20	6	65	✓	
11.6096.030	• 10	20	6	65	✓	
11.6096.040	• 12DIN	25	6	70	✓	
11.6096.050	• 16	25	6	70	✓	

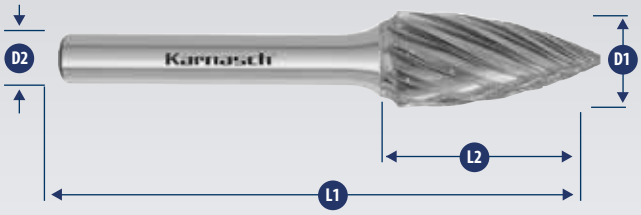
G FORME / SHAPE SPG

Ogive pointue

Tree



11.4096



ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
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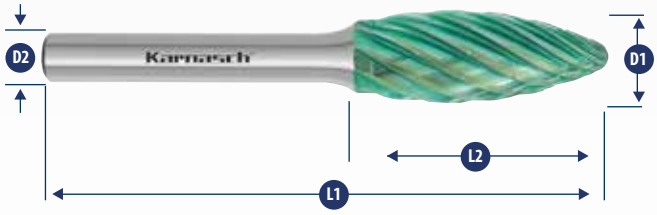
11.4096.020	• 8	20	6	65	✓	
11.4096.030	• 10	20	6	65	✓	
11.4096.040	• 12DIN	25	6	70	✓	
11.4096.050	• 16	25	6	70	✓	

11.6097

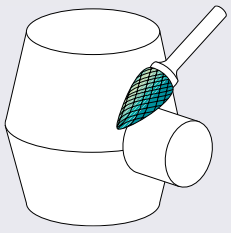


ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
11.6097.010	• 6	14	6	50		✓
11.6097.020	• 8	20	6	65	✓	
11.6097.030	• 10	20	6	65	✓	
11.6097.040	• 12DIN	30	6	75	✓	
11.6097.050	• 16	35	6	80	✓	

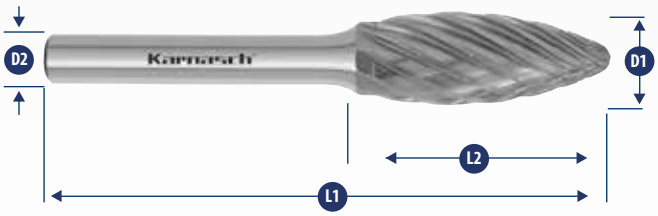
H FORME / SHAPE

Flamme

Flame

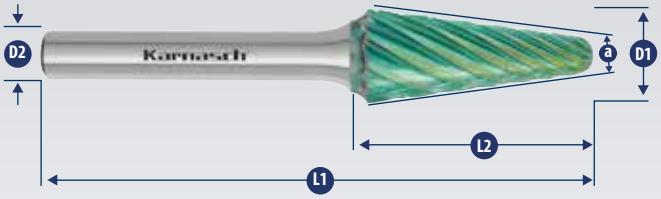


11.4097



ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID
11.4097.010	• 6	14	6	50		✓
11.4097.020	• 8	20	6	65	✓	
11.4097.030	• 10	20	6	65	✓	
11.4097.040	• 12DIN	30	6	75	✓	
11.4097.050	• 16	35	6	80	✓	

11.6098

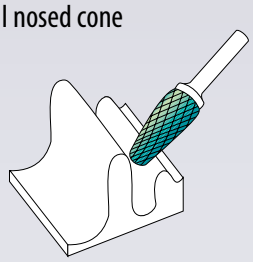


ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID	a°
11.6098.010	• 6	18	6	50		✓	14°
11.6098.020	• 8	25	6	70	✓		14°
11.6098.030	• 10	20	6	65	✓		14°
11.6098.040	• 12DIN	30	6	75	✓		14°
11.6098.050	• 16	33	6	78	✓		14°

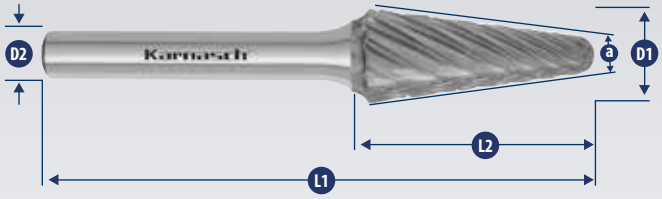
L FORME / SHAPE **KEL**

Conique bout arrondi

Ball nosed cone

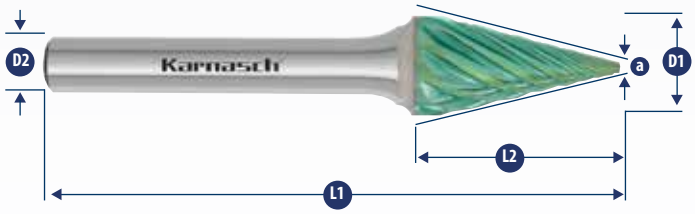


11.4098



ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID	a°
11.4098.010	• 6	18	6	50		✓	14°
11.4098.020	• 8	25	6	70	✓		14°
11.4098.030	• 10	20	6	65	✓		14°
11.4098.040	• 12DIN	30	6	75	✓		14°
11.4098.050	• 16	33	6	78	✓		14°

11.6099

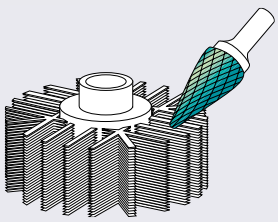


ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID	a°
11.6099.010	• 6	18	6	50		✓	14°
11.6099.020	• 8	20	6	65	✓		13°
11.6099.030	• 10	20	6	65	✓		28°
11.6099.040	• 12DIN	26	6	71	✓		28°
11.6099.050	• 16	25	6	70	✓		33°

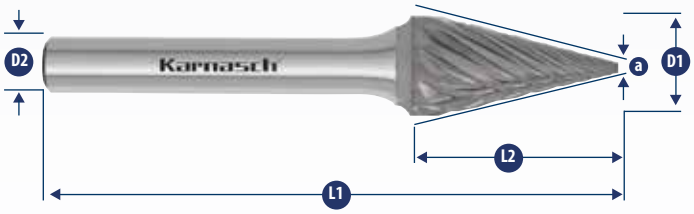
M FORME / SHAPE **SKM**

Conique bout pointu

Cone



11.4099

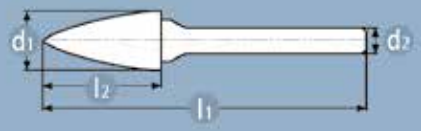


ART	D1	L2	D2	L1	Brazed Brasé	VHM SOLID	a°
114099.010	• 6	18	6	50		✓	14°
11.4099.020	• 8	20	6	65	✓		13°
11.4099.030	• 10	20	6	65	✓		28°
114099.040	• 12DIN	26	6	71	✓		28°
11.4099.050	• 16	25	6	70	✓		33°

ENSEMBLES DE FRAISES Ø 10 mm
Ø 10 mm BURR SETS

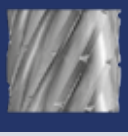
11.4964

5 pièces
5 pieces



HP-3 PRO PERFORMANCE 82

Coupe
Cut



Art.	d1	l2	d2	l1
11.6091.030	• 10	20	6	65
11.6092.030	• 10	20	6	65
11.6095.030	• 10	20	6	65
11.6095.030	• 10	20	6	65
11.6096.030	• 10	20	6	65
11.6098.030	• 10	20	6	65

Forme - Shape	Din 8033	Contenu - Content	
B	ZYB	1X	Cylindrique avec coupe en bout Cylinder with end cut
C	WRC	1X	Cylindrique bout rond Ball nosed cylinder
F	RBF	1X	Ogive bout rond Ball nosed tree
G	SPG	1X	Ogive Pointue Tree
L	KEL	1X	Conique bout arrondi Ball nosed cone

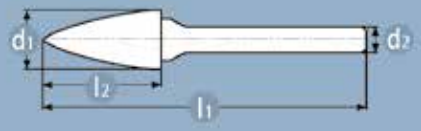
11.4964U

Art.	d1	l2	d2	l1
11.4091.030	• 10	20	6	65
11.4092.030	• 10	20	6	65
11.4095.030	• 10	20	6	65
11.4095.030	• 10	20	6	65
11.4096.030	• 10	20	6	65
11.4098.030	• 10	20	6	65

ENSEMBLES DE FRAISES Ø 12 mm
Ø 12 mm BURR SETS

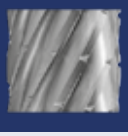
11.4966

5 pièces
5 pieces



HP-3 PRO PERFORMANCE 82

Coupe
Cut



Art.	d1	l2	d2	l1
11.6091.040	• 12	25	6	70
11.6092.040	• 12	25	6	70
11.6095.040	• 12	25	6	70
11.6095.040	• 12	25	6	70
11.6096.040	• 12	25	6	70
11.6098.040	• 12	25	6	70

Forme - Shape	Din 8033	Contenu - Content	
B	ZYB	1X	Cylindrique avec coupe en bout Cylinder with end cut
C	WRC	1X	Cylindrique bout rond Ball nosed cylinder
F	RBF	1X	Ogive bout rond Ball nosed tree
G	SPG	1X	Ogive Pointue Tree
L	KEL	1X	Conique bout arrondi Ball nosed cone

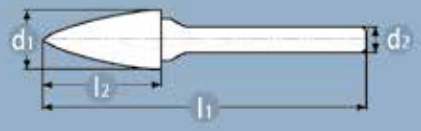
11.4966U

Art.	d1	l2	d2	l1
11.4091.040	• 12	25	6	70
11.4092.040	• 12	25	6	70
11.4095.040	• 12	25	6	70
11.4095.040	• 12	25	6	70
11.4096.040	• 12	25	6	70
11.4098.040	• 12	25	6	70

ENSEMBLES DE FRAISES Ø 10+12 mm
Ø 10+12 mm BURR SETS

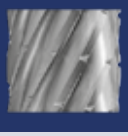
11.4968

10 pièces
10 pieces



HP-3 PRO PERFORMANCE 82

Coupe
Cut



Art.	d1	l2	d2	l1
11.6091.030	• 10	20	6	65
11.6092.030	• 10	20	6	65
11.6095.030	• 10	20	6	65
11.6096.030	• 10	20	6	65
11.6098.030	• 10	20	6	65
11.6091.040	• 12	25	6	70
11.6092.040	• 12	25	6	70
11.6095.040	• 12	25	6	70
11.6096.040	• 12	25	6	70
11.6098.040	• 12	25	6	77

Forme - Shape	Din 8033	Contenu - Content	
B	ZYB	1X	Cylindrique avec coupe en bout Cylinder with end cut
C	WRC	1X	Cylindrique bout rond Ball nosed cylinder
F	RBF	1X	Ogive bout rond Ball nosed tree
G	SPG	1X	Ogive Pointue Tree
L	KEL	1X	Conique bout arrondi Ball nosed cone
B	ZYB	1x	Cylindrique avec coupe en bout Cylinder with end cut
C	WRC	1x	Cylindrique bout rond Ball nosed cylinder
F	RBF	1x	Ogive bout rond Ball nosed tree
G	SPG	1x	Ogive Pointue Tree
L	KEL	1x	Conique bout arrondi Ball nosed cone

11.4968U

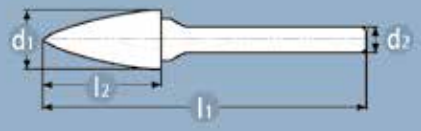
Art.	d1	l2	d2	l1
11.4091.030	• 10	20	6	65
11.4092.030	• 10	20	6	65
11.4095.030	• 10	20	6	65
11.4096.030	• 10	20	6	65
11.4098.030	• 10	20	6	65
11.4091.040	• 12	25	6	70
11.4092.040	• 12	25	6	70
11.4095.040	• 12	25	6	70
11.4096.040	• 12	25	6	70
11.4098.040	• 12	25	6	77

Karnasch PROFESSIONAL TOOLS

ENSEMBLES DE FRAISES Ø 12 mm
Ø 12 mm BURR SETS

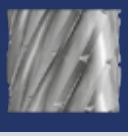
11.4970

10 pièces
10 pieces



HP-3 PRO PERFORMANCE 82

Coupe
Cut



Art.	d1	l2	d2	l1
11.6090.040	• 12	25	6	70
11.6091.040	• 12	25	6	70
11.6092.040	• 12	25	6	70
11.6093.040	• 12	25	6	56
11.6094.040	• 12	25	6	66
11.6095.040	• 12	25	6	70
11.6096.040	• 12	25	6	70
11.6097.040	• 12	25	6	75
11.6098.040	• 12	25	6	70
11.6099.040	• 12	25	6	70

Forme - Shape	Din 8033	Contenu - Content	
A	ZYA	1X	Cylindrique sans coupe en bout Cylinder without end cut
B	ZYB	1X	Cylindrique avec coupe en bout Cylinder with end cut
C	WRC	1X	Cylindrique bout rond Ball nosed cylinder
D	KUD	1X	Boule Ball
E	TRE	1X	Ovale Oval
F	RBF	1X	Ogive bout rond Ball nosed tree
G	SPG	1X	Ogive Pointue Tree
H	-	1X	Flamme Flame
L	KEL	1X	Conique bout arrondi Ball nosed cone
M	SKM	1X	Conique bout pointu Cone

11.4970U

Art.	d1	l2	d2	l1
11.4090.040	• 12	25	6	70
11.4091.040	• 12	25	6	70
11.4092.040	• 12	25	6	70
11.4093.040	• 12	25	6	56
11.4094.040	• 12	25	6	66
11.4095.040	• 12	25	6	70
11.4096.040	• 12	25	6	70
11.4097.040	• 12	25	6	75
11.4098.040	• 12	25	6	70
11.4099.040	• 12	25	6	70

HP-3 PRO

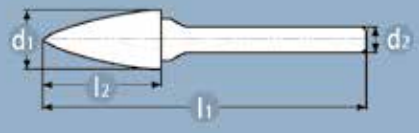
Karnasch PROFESSIONAL TOOLS

11.4960

PRÉSENTOIRS - 40 PIÈCES
DISPLAY - 40 PIECES

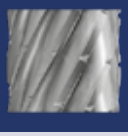
Présentoirs vérouillable Ø 6, 8, 10, 12 mm
Lockable display Ø 6, 8, 10, 12 mm

10 pièces
10 pieces



HP-3 PRO PERFORMANCE 82

Coupe
Cut



Art.	d1	l2	d2	l1
11.6091.051	• 6	18	6	50
11.6091.076	• 8	20	6	65
11.6091.086	• 10	20	6	65
11.6091.104	• 12	25	6	70
11.6092.054	• 6	18	6	50
11.6092.076	• 8	20	6	65
11.6092.086	• 10	20	6	65
11.6092.108	• 12	25	6	70
11.6095.031	• 6	18	6	50
11.6095.036	• 8	20	6	65
11.6095.041	• 10	20	6	65
11.6095.054	• 12	25	6	70
11.6096.036	• 6	18	6	50
11.6096.041	• 8	20	6	65
11.6096.046	• 10	20	6	65
11.6096.064	• 12	25	6	70
11.6098.021	• 6	18	6	50
11.6098.026	• 8	25	6	50
11.6098.031	• 10	20	6	65
11.6098.048	• 12	32	6	77

Forme - Shape	Din 8033	Contenu - Content	
B	ZYB	2X	Cylindrique avec coupe en bout Cylinder with end cut
C	WRC	2X	Cylindrique bout rond Ball nosed cylinder
F	RBF	2X	Ogive bout rond Ball nosed tree
G	SPG	2X	Ogive Pointue Tree
L	KEL	2X	Conique bout arrondi Ball nosed cone

11.4960U

Art.	d1	l2	d2	l1
11.4091.051	• 6	18	6	50
11.4091.076	• 8	20	6	65
11.4091.086	• 10	20	6	65
11.4091.104	• 12	25	6	70
11.4092.054	• 6	18	6	50
11.4092.076	• 8	20	6	65
11.4092.086	• 10	20	6	65
11.4092.108	• 12	25	6	70
11.4095.031	• 6	18	6	50
11.4095.036	• 8	20	6	65
11.4095.041	• 10	20	6	65
11.4095.054	• 12	25	6	70
11.4096.036	• 6	18	6	50
11.4096.041	• 8	20	6	65
11.4096.046	• 10	20	6	65
11.4096.064	• 12	25	6	70
11.4098.021	• 6	18	6	50
11.4098.026	• 8	25	6	50
11.4098.031	• 10	20	6	65
11.4098.048	• 12	32	6	77

HP-3 PRO

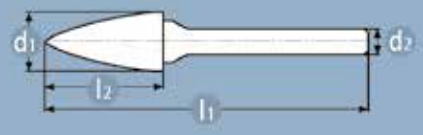
Karnasch™ PROFESSIONAL TOOLS

11.4962

PRÉSENTOIRS - 64 PIÈCES
DISPLAY - 64 PIECES

Présentoirs vérouillable Ø 6, 8, 10, 12 mm
Lockable display Ø 6, 8, 10, 12 mm

10 pièces
10 pieces



HP-3 PRO PERFORMANCE 82

Coupe
Cut

Forme - Shape	Din 8033	Contenu - Content	
A	ZYA	2X	Cylindrique sans coupe en bout Cylinder without end cut
B	ZYB	2X	Cylindrique avec coupe en bout Cylinder with end cut
C	WRC	2X	Cylindrique bout rond Ball nosed cylinder
E	TRE	2X	Ovale Oval
F	RBF	2X	Ogive bout rond Ball nosed tree
G	SPG	2X	Ogive Pointue Tree
H	-	2X	Flamme Flame
L	KEL	2X	Conique bout arrondi Ball nosed cone

Art.	d1	l2	d2	l1
11.6090.066	• 6	18	6	50
11.6090.081	• 8	20	6	65
11.6090.091	• 10	20	6	65
11.6090.108	• 12	25	6	70
11.6091.051	• 6	18	6	50
11.6091.076	• 8	20	6	65
11.6091.086	• 10	20	6	65
11.6091.104	• 12	25	6	70
11.6092.054	• 6	18	6	50
11.6092.076	• 8	20	6	65
11.6092.086	• 10	20	6	65
11.6092.108	• 12	25	6	70
11.6094.021	• 6	10	6	50
11.6094.026	• 8	15	6	60
11.6094.031	• 10	16	6	60
11.6094.036	• 12	22	6	67
11.6095.031	• 6	18	6	50
11.6095.036	• 8	20	6	65
11.6095.041	• 10	20	6	65
11.6095.054	• 12	25	6	70
11.6096.036	• 6	18	6	50
11.6096.041	• 8	20	6	65
11.6096.046	• 10	20	6	65
11.6096.064	• 12	25	6	70
11.6097.011	• 6	14	6	50
11.6097.016	• 8	20	6	65
11.6097.021	• 10	20	6	65
11.6097.026	• 12	32	6	77
11.6098.021	• 6	18	6	50
11.6098.026	• 8	25	6	70
11.6098.031	• 10	20	6	65
11.6098.048	• 12	32	6	77

11.4962U

Art.	d1	l2	d2	l1
11.4090.066	• 6	18	6	50
11.4090.081	• 8	20	6	65
11.4090.091	• 10	20	6	65
11.4090.108	• 12	25	6	70
11.4091.051	• 6	18	6	50
11.4091.076	• 8	20	6	65
11.4091.086	• 10	20	6	65
11.4091.104	• 12	25	6	70
11.4092.054	• 6	18	6	50
11.4092.076	• 8	20	6	65
11.4092.086	• 10	20	6	65
11.4092.108	• 12	25	6	70
11.4094.021	• 6	10	6	50
11.4094.026	• 8	15	6	60
11.4094.031	• 10	16	6	60
11.4094.036	• 12	22	6	67
11.4095.031	• 6	18	6	50
11.4095.036	• 8	20	6	65
11.4095.041	• 10	20	6	65
11.4095.054	• 12	25	6	70
11.4096.036	• 6	18	6	50
11.4096.041	• 8	20	6	65
11.4096.046	• 10	20	6	65
11.4096.064	• 12	25	6	70
11.4097.011	• 6	14	6	50
11.4097.016	• 8	20	6	65
11.4097.021	• 10	20	6	65
11.4097.026	• 12	32	6	77
11.4098.021	• 6	18	6	50
11.4098.026	• 8	25	6	70
11.4098.031	• 10	20	6	65
11.4098.048	• 12	32	6	77