

Z²



ORIGIN



DUPLEX



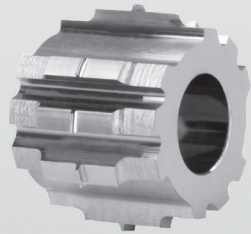
REVOLUTION



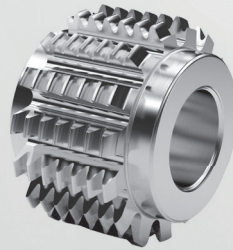
Gear cutting solutions



E₂F



TRINITY






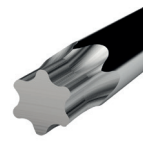

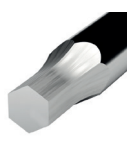

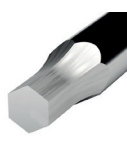




8100













8700

Gear cutting solutions

Type	Name of tool	Standard modules*	Tool	Machined part	Page
Tooth by tooth gear cutter	Z ²	m 0.03 - 1.00			5
Hobs for epicyclic & involute teeth	ORIGIN	m 0.015 - 1.000			6
		m 0.015 - 0.800			7
		m 0.015 - 1.000			8
		m 0.015 - 0.800			9
Two-way hob cutter	ORIGIN DUPLEX				
Hobs for asymmetrical gears and special profiles	REVOLUTION	by profile			10

*Depends on the gearing norm
Other modules upon request

Gear cutting solutions

Type	Name of tool	Standard modules*	Tool	Machined part	Page
Hobs for frontal gear cutting	E₂F	m 0.05 - 0.50			11
Hobs for conical gears	TRINITY	m 0.05 - 0.30			12
Hob cutters for involute gears ISO53 / DIN867 DIN quality AAAA	8100	m 0.05 - 1.00			13
NEW Skiving cutter for internal and external gear teeth	8700	m 0.05 - 1.00			14
		m 0.05 - 1.00			

*Depends on the gearing norm
Other modules upon request

New

DUPLEX ORIGIN Hobs for epicyclic & involute teeth

Hobbing with two hob cutters is known to produce burr-free hobbing. It is a functional process, but requires sometimes a tedious set-up. It is necessary to make an adjustment for each hob, and the stacking of the arbor, tools and spacers results in a run out and warping.

Louis Bélet SA has found a simple solution that can be used by everyone to solve these problems: ORIGIN DUPLEX hobs.



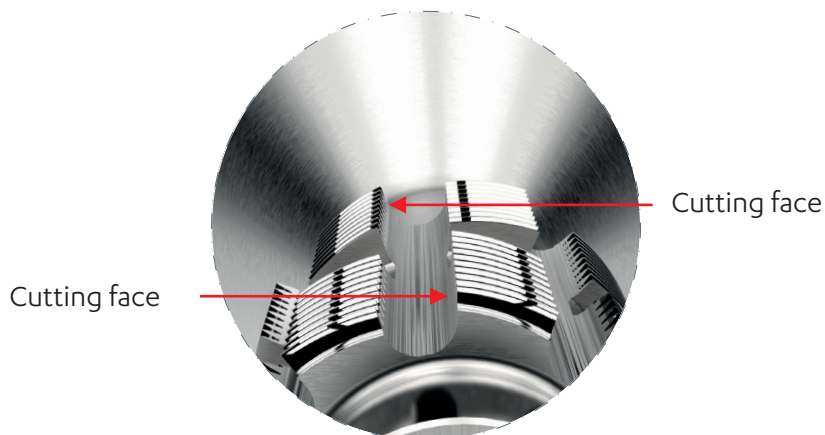
ORIGIN DUPLEX on a shank



Circular ORIGIN DUPLEX

Made of one-piece solid carbide, these cutters have two cutting areas, one on the right and one on the left. Both profiles are spaced a multiple of the pitch.

This simplifies the machine setup. In addition, run out and axial warpage are greatly reduced.

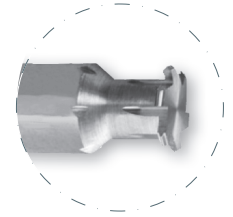
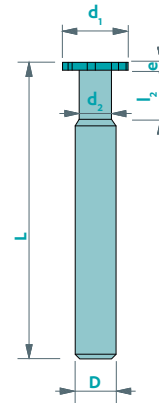


Tooth by tooth gear cutter

Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating
Steel 20AP	70	90	■	■	TRIO (PO)
Steel Law 100X	70	90	■	■	TRIO (PO)
Carbon steel (Finemac)	50	60	■	■	TRIO (PO)
4C27A	60	70	■	■	TRIO (PO)
CK45	80	90	■	■	TRIO (PO)
316L	60	70	■	■	TRIO (PO)
Other stainless steel	60	70	■	■	TRIO (PO)
Leaded brass	150	170	■	-	SOLO (DA)
Lead-free brass	150	170	■	■	SOLO (DA)
CuBe (copper alloys)	100	120	■	■	SOLO (DA)
Nickel silver (Maillechort)	120	140	■	■	SOLO (DA)
Bronze	120	140	■	■	SOLO (DA)
Aluminium	200	220	■	■	SOLO (DA)
Titanium	80	90	■	-	-

not adapted - adapted □ highly adapted ■

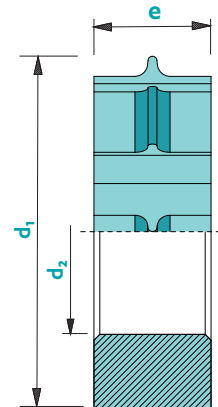
Tolerances D : h5



Standard modules: 0.020 - 1.000. Other modules upon request

d ₁	e	d ₂	l ₁	D	L	Z
<2	0.3 - 1.0	1.0	1	3	38	2 - 3
2	0.3 - 1.0	1.0	1	3	38	2 - 3
3	0.3 - 1.0	2.0	2	3	38	3
4	0.3 - 1.5	2.5	2	4	38	5
5	0.3 - 1.5	3.5	2	5	38	6
6	0.3 - 1.5	3.5	2	6	38	6
7	0.3 - 1.5	3.5	2	7	38	6
8	0.5 - 2.0	4.0	3	8	51	6
10	0.5 - 3.0	5.0	4	10	51	6
12	0.5 - 3.0	6.0	4	12	61	8
15	2.0 - 5.0	8.0	4	10	61	8
20	2.0 - 5.0	8.0	4	10	61	12
25	2.0 - 5.0	8.0	4	10	61	12

Option : circular saw



Available uncoated or coated

Z 2-12

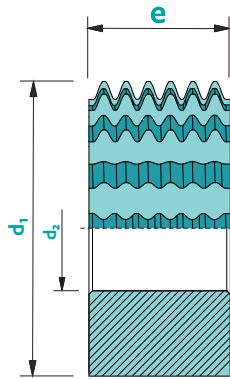
Topping

CARB

m ≥ 0.020

Option : No topping

Hobs for epicyclic & involute teeth



Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating
Steel 20AP	70	90	■	□	TRIO (PO)
Steel Law 100X	70	90	■	□	TRIO (PO)
Carbon steel (Finemac)	50	60	■	■	TRIO (PO)
4C27A	60	70	■	■	TRIO (PO)
CK45	80	90	■	■	TRIO (PO)
316L	60	70	■	■	TRIO (PO)
Other stainless steel	60	70	■	■	TRIO (PO)
Leaded brass	150	170	■	-	SOLO (DA)
Lead-free brass	150	170	■	□	SOLO (DA)
CuBe (copper alloys)	100	120	■	□	SOLO (DA)
Nickel silver (Maillechort)	120	140	■	□	SOLO (DA)
Bronze	120	140	■	□	SOLO (DA)
Aluminium	200	220	■	-	SOLO (DA)
Titanium	80	90	■	-	-

not adapted - adapted □ highly adapted ■

Tolerances d_2 : H3 e : ±0.01

Standard modules: 0.015 - 1.000. Other modules upon request

Available uncoated or coated

Z
12-15

Topping

λ
0°

γ
0°

CARB

$m \geq$
0.015

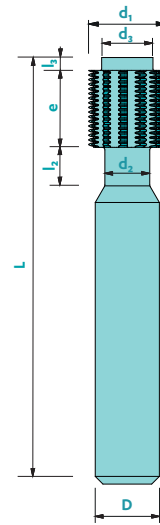
d_1	e	d_2	Z	d_1	e	d_2	Z
6	4	3.5	12	12	6	6.0	15
6	5	3.5	12	12	8	6.0	15
6	6	3.5	12	16	4	8.0	15
8	4	3.5	12/15	16	6	8.0	15
8	5	3.5	12/15	16	8	8.0	15
8	6	3.5	12/15	16	10	8.0	15
8	6	4.5	12/15	16	12	8.0	15
8	8	4.5	12/15	18	6	6.0	15
10	4	3.5	12/15	18	6	8.0	15
10	4	4.0	12/15	18	8	8.0	15
10	4	4.5	12/15	18	10	8.0	15
10	5	3.5	12/15	18	12	8.0	15
10	6	3.5	12/15	24	4	8.0	15
10	5	4.5	12/15	24	5	8.0	15
10	6	4.5	12/15	24	6	8.0	15
12	6	3.5	15	24	8	8.0	15
12	5	4.5	15	24	10	8.0	15
12	6	4.5	15	24	12	8.0	15
12	8	4.5	15	24	15	8.0	15
12	10	4.5	15	32	15	13.0	15
12	6	5.0	15				
12	8	5.0	15				

Option : No topping

Gear cutting hob on a shank

Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating
Steel 20AP	70	90	■	□	TRIO (PO)
Steel Law 100X	70	90	■	□	TRIO (PO)
Carbon steel (Finemac)	50	60	■	■	TRIO (PO)
4C27A	60	70	■	■	TRIO (PO)
CK45	80	90	■	■	TRIO (PO)
316L	60	70	■	■	TRIO (PO)
Other stainless steel	60	70	■	■	TRIO (PO)
Leaded brass	150	170	■	-	SOLO (DA)
Lead-free brass	150	170	■	□	SOLO (DA)
CuBe (copper alloys)	100	120	■	□	SOLO (DA)
Nickel silver (Maillechort)	120	140	■	□	SOLO (DA)
Bronze	120	140	■	□	SOLO (DA)
Aluminium	200	220	■	-	SOLO (DA)
Titanium	80	90	■	-	-

not adapted - adapted □ highly adapted ■



Tolerances D : H5

Standard modules: 0.015 - 0.800. Other modules upon request

d_1	e	d_2	l_2	D	L	Z	d_3	l_3
3.0	4	2.0	2	6	45	8	2.0	1
3.5	4	2.5	2	6	45	8	2.5	1
4.0	5	3.0	3	6	45	8	3.0	1
5.0	6	3.5	3	6	45	10	3.5	1
6.0	6	4.0	3	6	45	12	4.0	1
8.0	6	-	-	6	45	12	5.0	1
10.0	8	-	-	6	45	15	6.0	1
12.0	8	-	-	6	45	15	8.0	1
16.0	8	-	-	10	51	15	10.0	2
20.0	8	-	-	10	51	15	12.0	2

Available uncoated or coated



Z
8-15



Topping

λ
0°

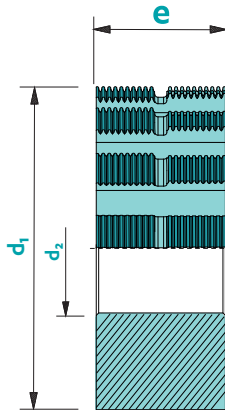
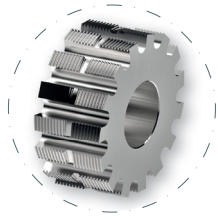
γ
0°

CARB

$m \geq$
0.015

Option : No topping

Duplex hob cutter



Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating
Steel 20AP	70	90	■	□	TRIO (PO)
Steel Law 100X	70	90	■	□	TRIO (PO)
Carbon steel (Finemac)	50	60	■	■	TRIO (PO)
4C27A	60	70	■	■	TRIO (PO)
CK45	80	90	■	■	TRIO (PO)
316L	60	70	■	■	TRIO (PO)
Other stainless steel	60	70	■	■	TRIO (PO)
Leaded brass	150	170	■	-	SOLO (DA)
Lead-free brass	150	170	■	□	SOLO (DA)
CuBe (copper alloys)	100	120	■	□	SOLO (DA)
Nickel silver (Maillechort)	120	140	■	□	SOLO (DA)
Bronze	120	140	■	□	SOLO (DA)
Aluminium	200	220	■	-	SOLO (DA)
Titanium	80	90	■	-	-

not adapted - adapted ■ highly adapted ■

Tolerances d_2 : H3 e : ±0.01

Standard modules: 0.015 - 1.000. Other modules upon request

Available uncoated or coated

Z
12-15

Topping

λ
0°

γ
0°

CARB

$m \geq 0.015$

d_1	e	d_2	Z
6	5	3.5	12
6	6	3.5	12
8	5	3.5	12 / 15
8	6	3.5	12 / 15
8	6	4.5	12 / 15
8	8	4.5	12 / 15
10	5	3.5	12 / 15
10	6	3.5	12 / 15
10	5	4.5	12 / 15
10	6	4.5	12 / 15
12	6	3.5	15
12	5	4.5	15
12	6	4.5	15
12	8	4.5	15
12	10	4.5	15
12	6	5.0	15
12	8	5.0	15
12	6	6.0	15

d_1	e	d_2	Z
12	8	6.0	15
16	6	8.0	15
16	8	8.0	15
16	10	8.0	15
16	12	8.0	15
18	6	6.0	15
18	6	8.0	15
18	8	8.0	15
18	10	8.0	15
18	12	8.0	15
24	5	8.0	15
24	6	8.0	15
24	8	8.0	15
24	10	8.0	15
24	12	8.0	15
24	15	8.0	15
32	15	13.0	15

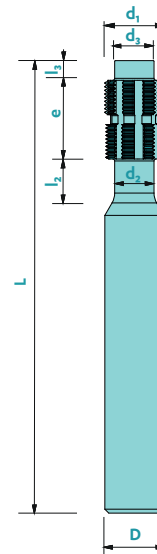
Option : No topping

Duplex hob cutter on a shank

Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating
Steel 20AP	70	90	■	□	TRIO (PO)
Steel Law 100X	70	90	■	□	TRIO (PO)
Carbon steel (Finemac)	50	60	■	■	TRIO (PO)
4C27A	60	70	■	■	TRIO (PO)
CK45	80	90	■	■	TRIO (PO)
316L	60	70	■	■	TRIO (PO)
Other stainless steel	60	70	■	■	TRIO (PO)
Leaded brass	150	170	■	-	SOLO (DA)
Lead-free brass	150	170	■	□	SOLO (DA)
CuBe (copper alloys)	100	120	■	□	SOLO (DA)
Nickel silver (Maillechort)	120	140	■	□	SOLO (DA)
Bronze	120	140	■	□	SOLO (DA)
Aluminium	200	220	■	-	SOLO (DA)
Titanium	80	90	■	-	-

not adapted - adapted □ highly adapted ■

Tolerances D : H5



Standard modules: 0.015 - 0.800. Other modules upon request

d_1	e	d_2	l_2	D	L	Z	d_3	l_3
3.0	5	2.0	2	6	45	8	2.0	1
3.5	5	2.5	2	6	45	8	2.5	1
4.0	5	3.0	3	6	45	8	3.0	1
5.0	6	3.5	3	6	45	10	3.5	1
6.0	6	4.0	3	6	45	12	4.0	1
8.0	6	-	-	6	45	12	5.0	1
10.0	8	-	-	6	45	15	6.0	1
12.0	8	-	-	6	45	15	8.0	1
16.0	8	-	-	10	51	15	10.0	2
20.0	8	-	-	10	51	15	12.0	2

Available uncoated or coated



Z
8-15



Topping

λ
0°

γ
0°

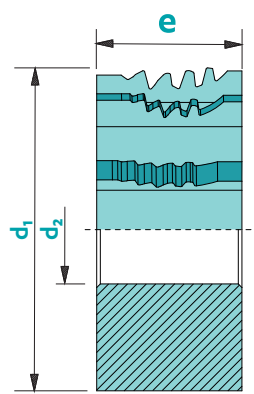
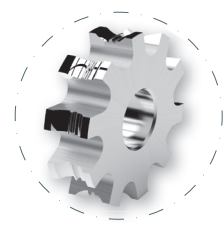
CARB



m ≥
0.015

Option : No topping

Hobs for asymmetrical gears



Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating
Steel 20AP	70	90	■	□	TRIO (PO)
Steel Law 100X	70	90	■	□	TRIO (PO)
Carbon steel (Finemac)	50	60	■	■	TRIO (PO)
4C27A	60	70	■	■	TRIO (PO)
CK45	80	90	■	■	TRIO (PO)
316L	60	70	■	■	TRIO (PO)
Other stainless steel	60	70	■	■	TRIO (PO)
Leaded brass	150	170	■	-	SOLO (DA)
Lead-free brass	150	170	■	□	SOLO (DA)
CuBe (copper alloys)	100	120	■	□	SOLO (DA)
Nickel silver (Maillechort)	120	140	■	□	SOLO (DA)
Bronze	120	140	■	□	SOLO (DA)
Aluminium	200	220	■	-	SOLO (DA)
Titanium	80	90	■	-	-

not adapted - adapted □ highly adapted ■

Tolerances d_1 : H3 e : ±0.01

Standard modules: by profile

d_1	e	d_2
6	4	3.5
6	5	3.5
6	6	3.5
8	4	3.5
8	5	3.5
8	6	3.5
10	4	3.5
10	5	3.5
10	6	3.5
10	5	4.5
10	6	4.5
12	6	4.5
12	8	4.5
12	6	5.0
12	8	5.0
12	6	6.0
12	8	6.0
16	6	8.0
16	8	8.0
16	10	8.0
18	6	6.0
18	6	8.0
18	8	8.0
24	6	8.0
24	8	8.0

Available uncoated or coated

Topping

 λ 0° γ 0°

CARB

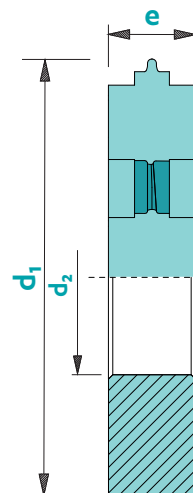
Z: by profile
Option : No topping

Hobs for frontal gear cutting

Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating
Steel 20AP	70	90	■	□	TRIO (PO)
Steel Law 100X	70	90	■	□	TRIO (PO)
Carbon steel (Finemac)	50	60	■	■	TRIO (PO)
4C27A	60	70	■	■	TRIO (PO)
CK45	80	90	■	■	TRIO (PO)
316L	60	70	■	■	TRIO (PO)
Other stainless steel	60	70	■	■	TRIO (PO)
Leaded brass	150	170	■	-	SOLO (DA)
Lead-free brass	150	170	■	□	SOLO (DA)
CuBe (copper alloys)	100	120	■	□	SOLO (DA)
Nickel silver (Maillechort)	120	140	■	□	SOLO (DA)
Bronze	120	140	■	□	SOLO (DA)
Aluminium	200	220	■	-	SOLO (DA)
Titanium	80	90	■	-	-

not adapted - adapted □ highly adapted ■

Tolerances d_1 : H3 e : ±0.01



Standard modules: 0.015 - 0.500. Other modules upon request

d_1	e	d_2	Z
6	2	3.5	2-5
8	2	3.5	2-5
10	2	3.5	2-5
10	2	4.5	2-5
12	2	4.5	2-5
12	2	5.0	2-5
12	2	6.0	2-5
16	2	8.0	2-5
18	2	6.0	2-5
18	2	8.0	2-5
24	2	8.0	2-5

Available uncoated or coated



Z2-5



Topping



λ
 0°



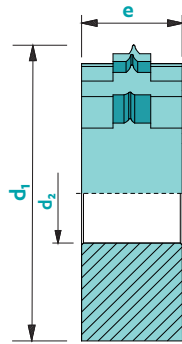
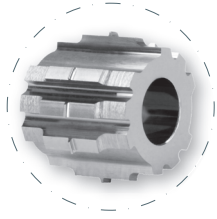
γ
 0°

CARB

$m \geq 0.015$

Option : No topping

Hobs for conical gears



Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating
Steel 20AP	70	90	■	□	TRIO (PO)
Steel Law 100X	70	90	■	□	TRIO (PO)
Carbon steel (Finemac)	50	60	■	■	TRIO (PO)
4C27A	60	70	■	■	TRIO (PO)
CK45	80	90	■	■	TRIO (PO)
316L	60	70	■	■	TRIO (PO)
Other stainless steel	60	70	■	■	TRIO (PO)
Leaded brass	150	170	■	-	SOLO (DA)
Lead-free brass	150	170	■	□	SOLO (DA)
CuBe (copper alloys)	100	120	■	□	SOLO (DA)
Nickel silver (Maillechort)	120	140	■	□	SOLO (DA)
Bronze	120	140	■	□	SOLO (DA)
Aluminium	200	220	■	-	SOLO (DA)
Titanium	80	90	■	-	-

not adapted - adapted □ highly adapted ■

Tolerances d_2 : H3 e : ±0.01

Standard modules: 0.015 - 0.500. Other modules upon request

Available uncoated or coated

Topping

 λ 0° γ 0°

CARB

 $m \geq 0.015$

Z: by profile
Option: No topping

d_1	e	d_2
6	4	3.5
6	5	3.5
6	6	3.5
8	4	3.5
8	5	3.5
8	6	3.5
10	4	3.5
10	5	3.5
10	6	3.5
10	5	4.5
10	6	4.5
12	6	4.5
12	8	4.5
12	6	5.0
12	8	5.0
12	6	6.0
12	8	6.0
16	6	8.0
16	8	8.0
16	10	8.0
18	6	6.0
18	6	8.0
18	8	8.0
24	6	8.0
24	8	8.0

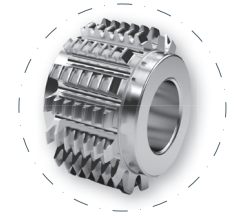
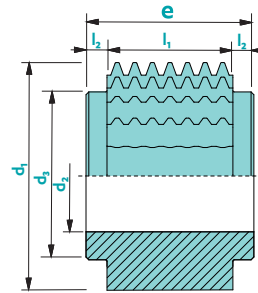
Hob cutter for involute gears ISO53 / DIN867 - DIN quality AAAA

8100

Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating
Steel 20AP	70	90	■	□	TRIO (PO)
Steel Law 100X	70	90	■	□	TRIO (PO)
Carbon steel (Finemac)	50	60	■	■	TRIO (PO)
4C27A	60	70	■	■	TRIO (PO)
CK45	80	90	■	■	TRIO (PO)
316L	60	70	■	■	TRIO (PO)
Other stainless steel	60	70	■	■	TRIO (PO)
Leaded brass	150	170	■	-	SOLO (DA)
Lead-free brass	150	170	■	□	SOLO (DA)
CuBe (copper alloys)	100	120	■	□	SOLO (DA)
Nickel silver (Maillechort)	120	140	■	□	SOLO (DA)
Bronze	120	140	■	□	SOLO (DA)
Aluminium	200	220	■	-	SOLO (DA)
Titanium	80	90	■	-	-

not adapted - adapted □ highly adapted ■

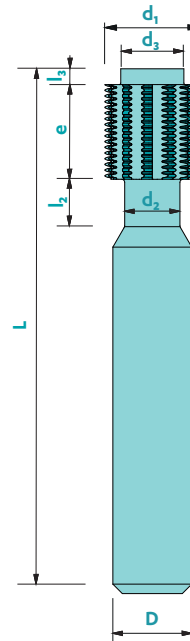
Tolerances d_1 : H3 e: ±0.01



Standard modules: 0.050 to 1.000 every 0.05. Other modules: upon request

Art. n°	d_1	e	l_1	d_2	d_3	l_2	Z
8100d8e8m###	8	8.0	6	3.5	5.0	1.0	15
8100d8e10m###	8	10.0	8	3.5	5.0	1.0	15
8100d8e12m###	8	12.0	10	3.5	5.0	1.0	15
8100d10e8m###	10	8.0	6	3.5	6.0	1.0	15
8100d10e10m###	10	10.0	8	3.5	6.0	1.0	15
8100d10e12m###	10	12.0	10	3.5	6.0	1.0	15
8100d12e8m###	12	8.0	6	4.5	8.0	1.0	15
8100d12e10m###	12	10.0	8	4.5	8.0	1.0	15
8100d12e12m###	12	12.0	10	4.5	8.0	1.0	15
8100d16e8m###	16	8.0	6	8.0	10.0	1.0	15
8100d16e10m###	16	10.0	8	8.0	10.0	1.0	15
8100d16e12m###	16	12.0	10	8.0	10.0	1.0	15
8100d18e8m###	18	8.0	6	8.0	12.0	1.0	15
8100d18e10m###	18	10.0	8	8.0	12.0	1.0	15
8100d18e12m###	18	12.0	10	8.0	12.0	1.0	15
8100d24e12m###	24	12.0	9	8.0	16.0	1.5	15
8100d24e15m###	24	15.0	12	8.0	16.0	1.5	15
8100d24e20m###	24	20.0	17	8.0	16.0	1.5	15
8100d32e12m###	32	12.0	9	13.0	24.0	1.5	15
8100d32e15m###	32	15.0	12	13.0	24.0	1.5	15
8100d32e20m###	32	20.0	17	13.0	24.0	1.5	15
8100d32e25m###	32	25.0	22	13.0	24.0	1.5	15
8100d32e30m###	32	30.0	27	13.0	24.0	1.5	15

Option : on a shank



Available uncoated or coated

Z15



Topping

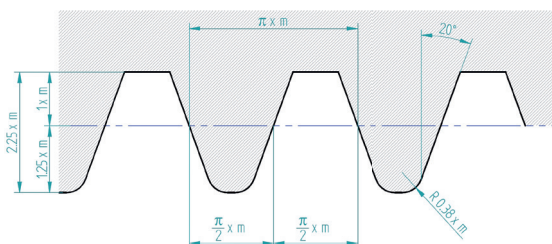
λ
0°

γ
0°

CARB

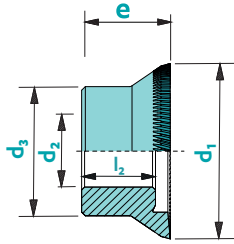
$m \geq$
0.050

Option : No topping



8700

Skiving cutter for internal and external gears



Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating
Steel 20AP	70	90	■	□	TRIO (PO)
Steel Law 100X	70	90	■	□	TRIO (PO)
Carbon steel (Finemac)	50	60	■	■	TRIO (PO)
4C27A	60	70	■	■	TRIO (PO)
CK45	80	90	■	■	TRIO (PO)
316L	60	70	■	■	TRIO (PO)
Other stainless steel	60	70	■	■	TRIO (PO)
Leaded brass	150	170	■	-	SOLO (DA)
Lead-free brass	150	170	■	□	SOLO (DA)
CuBe (copper alloys)	100	120	■	□	SOLO (DA)
Nickel silver (Maillechort)	120	140	■	□	SOLO (DA)
Bronze	120	140	■	□	SOLO (DA)
Aluminium	200	220	■	-	SOLO (DA)
Titanium	80	90	■	-	-

not adapted - adapted □ highly adapted ■

Tolerances d_2 : H3 e : ±0.01

Circular

Standard modules: 0.050 - 1.000. Other modules upon request

d_1	e	d_2	d_3	l_2
20-25	12	10	18	10
25-32	12	10	18	10

Other dimensions available upon request.

Z: according to machined part

On a shank

Standard modules: 0.050 - 1.000. Other modules upon request

d_1	e	D	L
2-4	0.5-1.0	4	38
3-6	1.0-2.0	6	51
6-8	2.0-3.0	8	61
8-12	3.0	10	61
12-20	3.0-4.0	10	61

Other dimensions available upon request.

d_2 et l_2 : according to machined part

Available uncoated or coated



CARB
 $m \geq 0.050$

Option : No topping



Web applications

On-line form

You may send a quote request for hob cutters via our on-line form. Our technical office will analyse your requirements and recommend the suitable hob solution for your application.

Quotation request - hob cutters

Fill this form and transfer your CAD files to get a quotation for a hob cutter. Our specialists will analyze your request and will propose the most adapted outer and dimensions for your needs. Answer will be given within 24 hours. The more information you provide, the quicker the answer.

You company

Company:
 Address:
 ZIP: City:
 Country:

Contact person

Name / Surname:
 Mail:
 Phone:

Info: Machined Part

Name: Module:
 Machined material:
 Z: Øi:
 Øia: Ød:
 Attached file 1: Attached file 3:
 Attached file 2:

Info: Hob cutters

Quantity: Thickness:
 External Ø Bone
 Coating Z and mill:
 Topring

Comments:

Spam protection - What is the result?

53 - 217

Online Spreadsheet for gear hobbing

Calculate your cutting and machining parameters using our interactive tool:



Spreadsheet for gear hobbing

Ref. gear to be cut:

Input		Output	
Norm	ISO	Circle pitch (z)	0.251327 mm
Material	300Mn		
Module (m)	0.080000		
Z workpiece	9	tooth	
Length to cut (L)	1.500 mm	24teeth gearmesh (over 3.2mm)	0.8185 mm
outside diameter (Øe)	0.8425 mm	pitch diameter (D)	0.7200 mm
root (base) diameter (Øf)	0.5200 mm	whole tooth depth (D)	0.1710 mm
blank diameter (Øc)	0.8500 mm	tooth depth on the blank (D)	0.1750 mm
Hob outside diameter (D)	12.0 mm	helic	0.3819662
Hob length	4.0 mm	Number of working circular pitches	0 * 22 * 55 *
Z hob	12	tooth	
Number of threads (T)	1	thread	
		Profile shift per tooth	0.000440 mm
Cutting speed (Vc)	185 m/min	n mill	2781 rpm
Feed per tooth (Fz)	0.0043 mm/tooth	n workpiece	309 rpm
Machining trajectory	Crossing with entering	Feed per mill rotation	17.8 mm/min
		Feed per workpiece rotation	0.0064 mm/rev
		Average per tour de pièce	0.0432 mm/rev
		Shifting value	0.56054 mm
		Shifting number	8.0
		Clearance distance (C)	1.420 mm
		Machining time	13.997 seconds

Drawings

Toolfinder

SIMPLIFY YOUR LIFE!

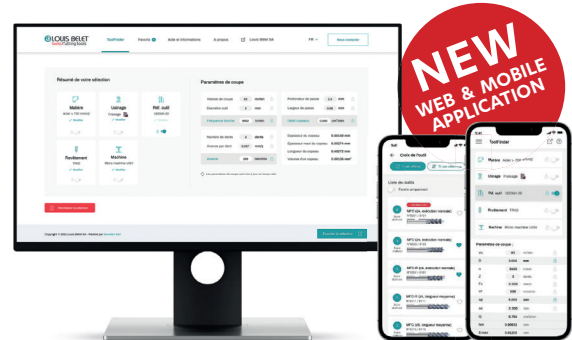
As its name suggests, this new app will help you find the optimal tool for your machining. Once you have chosen the operation to be performed, the material to be machined, the machine available or the dimensions of your machining, you will get a list of tools with different scores allowing you to choose the best cutter for your machining.

BUT THAT'S NOT ALL!

All the know-how of Louis Bélet is hidden behind the configuration page... Indeed, this application will allow you to obtain the machining parameters that our advisors would give you as a first indication!

TO TRY IT IS TO ADOPT IT!

Go to Toolfinder or download this free Toolfinder on your smartphone for a new experience!





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**List of authorized distributors
available on www.louisbelet.ch**



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Swiss cutting tools