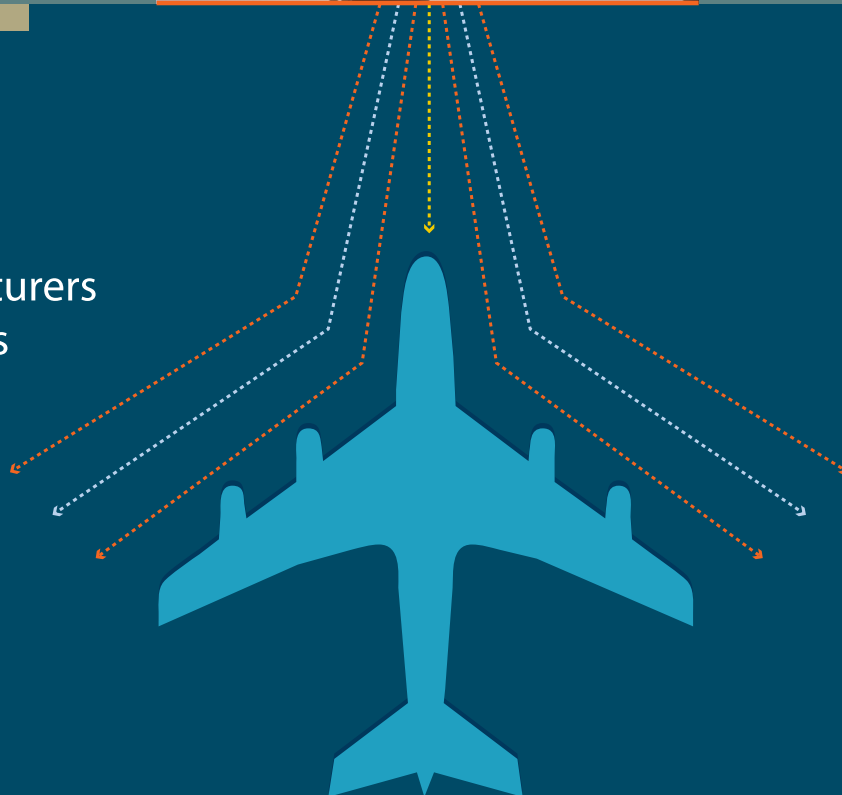




Cutting Tools
for aircraft manufacturers
and MRO companies



A I R C R A F T
NEXAM[®]
CUTTING TOOLS



Nexam®

A dynamic brand

with over 70 years experience!!!

Nexam® is a registered trademark of **Desgranges Cutting tools**.

Since **1946**, Desgranges is synonymous with quality and innovation with the largest contractors in the world of machining and precision engineering.

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With **Nexam®**, we offer you:

- *a range with inch and metric dimensions.*
- *a complete and growing range.*
- *a large range of stored standards.*
- *an **AOG** and express service.*
- *special cutting tools service.*

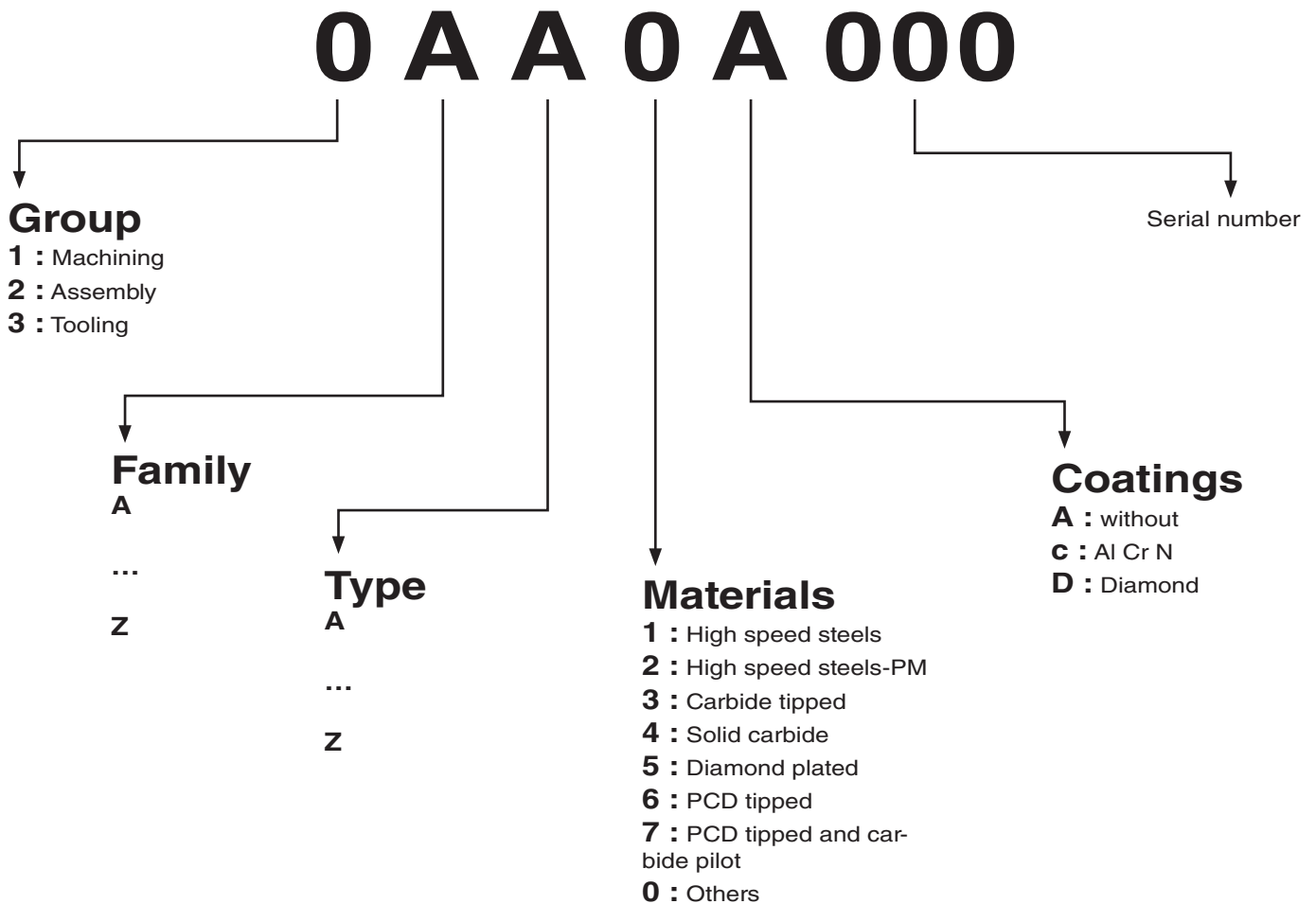
This range is likely to change frequently, you can download the latest version from our website:

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A I R C R A F T
NEXAM®
CUTTING TOOLS

Part number system



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3 – TOOLINGS

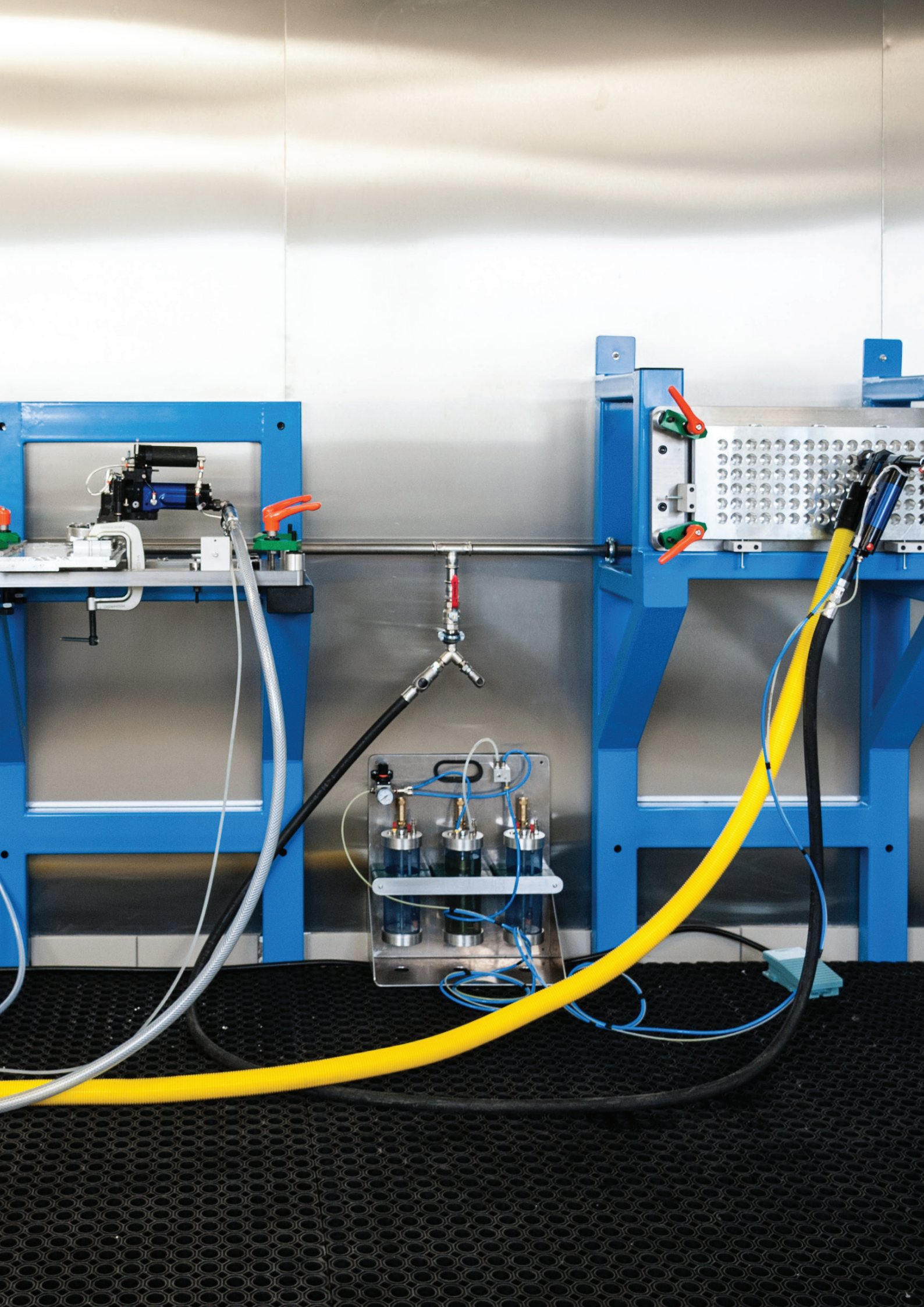
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CONVERSIONS TABLES AND FORMULAS

GENERAL SALES CONDITIONS

Machining tools



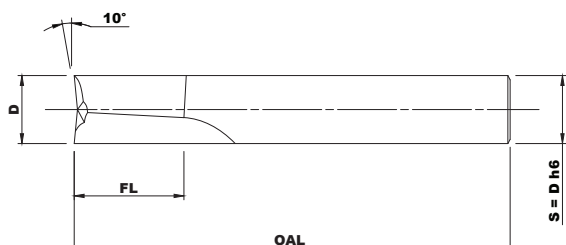


Machining tools

Sheet metal machining

- | | | |
|------------|---|----|
| 1AA | Router 2 flutes RH spiral – RH cut
<i>Manual routing – HSS-E 5% Co</i>
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<i>Manual routing – HSS-E 5% Co</i>
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Router 2 flutes RH spiral – RH cut HSS-E 5% Co



Application:

Panels and sheet metal routing on manual and CNC machines.

Tool geometry:

Right hand spiral 3°
Right hand cut
Fishtail end cut 10°

Tool material:

High speed steel 5% cobalt (M35)

For:

Aluminium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.2362	6	.5906	15	2.9528	75	● 1AA1A001
1/4 (.25)	6.35	-	-	-	-	● 1AA1A002
5/16 (.3125)	7.938	.6693	17	-	-	○ 1AA1A003
.315	8	-	-	-	-	● 1AA1A004
3/8 (.375)	9.525	-	-	-	-	○ 1AA1A005
.3937	10	.7874	20	3.1496	80	○ 1AA1A006
7/16 (.4375)	11.113	-	-	-	-	○ 1AA1A007
.4724	12	-	-	-	-	○ 1AA1A008
1/2 (.5)	12.7	.9843	25	-	-	○ 1AA1A009

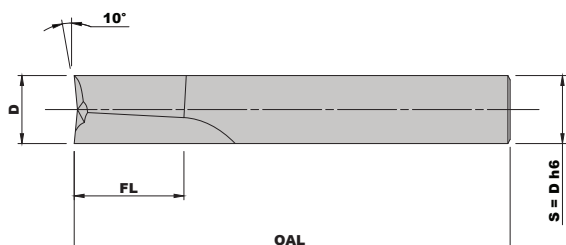
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Router 2 flutes RH spiral – RH cut Solid Carbide



Application:

Panels and sheet metal routing on CNC machines only.

Tool geometry:

Right hand spiral 3°
Right hand cut
Fishtail end cut 10°

Tool material:

Solid carbide

For:

Aluminium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.2362	6	.5906	15	2.9528	75	● 1AA4A001
1/4 (.25)	6.35	-	-	-	-	● 1AA4A002
5/16 (.3125)	7.938	.6693	17	-	-	○ 1AA4A003
.315	8	-	-	-	-	● 1AA4A004
3/8 (.375)	9.525	-	-	-	-	○ 1AA4A005
.3937	10	.7874	20	3.1496	80	○ 1AA4A006
7/16 (.4375)	11.113	-	-	-	-	○ 1AA4A007
.4724	12	-	-	-	-	○ 1AA4A008
1/2 (.5)	12.7	.9843	25	-	-	○ 1AA4A009

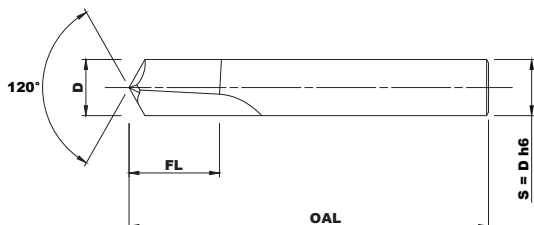
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

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Router 2 flutes RH spiral – RH cut Drill point – HSS-E 5% Co



Application:

Panels and sheet metal routing on manual and CNC machines.
With the drill point, the preliminary drilling is not required.

Tool geometry:

Right hand spiral 3°
Right hand cut
Drill point 120°

Tool material:

High speed steel 5% cobalt (M35)

For:

Aluminium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.2362	6	.5906	15	2.9528	75	● 1AB1A001
1/4 (.25)	6.35	-	-	-	-	● 1AB1A002
5/16 (.3125)	7.938	.6693	17	-	-	○ 1AB1A003
.315	8	-	-	-	-	● 1AB1A004
3/8 (.375)	9.525	-	-	-	-	○ 1AB1A005
.3937	10	.7874	20	3.1496	80	○ 1AB1A006
7/16 (.4375)	11.113	-	-	-	-	○ 1AB1A007
.4724	12	-	-	-	-	○ 1AB1A008
1/2 (.5)	12.7	.9843	25	-	-	○ 1AB1A009

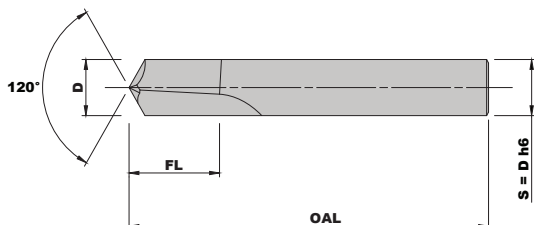
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Router 2 flutes RH spiral – RH cut Drill point – Solid carbide



Application:

Panels and sheet metal routing on CNC machines only
With the drill point, the preliminary drilling is not required.

Tool geometry:

Right hand spiral 3°
Right hand cut
Drill point 120°

Tool material:

Solid carbide

For:

Aluminium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.2362	6	.5906	15	2.9528	75	● 1AB4A001
1/4 (.25)	6.35	-	-	-	-	● 1AB4A002
5/16 (.3125)	7.938	.6693	17	-	-	○ 1AB4A003
.315	8	-	-	-	-	● 1AB4A004
3/8 (.375)	9.525	-	-	-	-	○ 1AB4A005
.3937	10	.7874	20	3.1496	80	○ 1AB4A006
7/16 (.4375)	11.113	-	-	-	-	○ 1AB4A007
.4724	12	-	-	-	-	○ 1AB4A008
1/2 (.5)	12.7	.9843	25	-	-	○ 1AB4A009

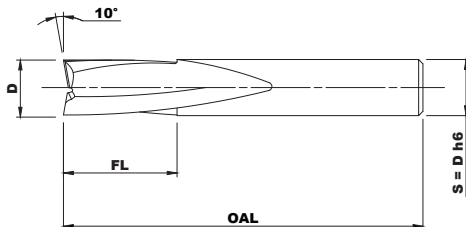
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Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Router 2 flutes LH spiral – RH cut HSS-E 5% Co



Application:

Panels and sheet metal routing on manual and CNC machines. Thanks to the left hand spiral, the machining stress is steered towards the end of the tool and so favours the clamping on the table of the sheet metals.

Tool geometry:

Left hand spiral 20°
Right hand cut
Fish tail end cut 10°

Tool material:

High speed steel 5% cobalt (M35)

For:

Aluminium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.2362	6	.5906	15	2.9528	75	○ 1AC1A001
1/4 (.25)	6.35	-	-	-	-	○ 1AC1A002
5/16 (.3125)	7.938	.6693	17	-	-	○ 1AC1A003
.315	8	-	-	-	-	○ 1AC1A004
3/8 (.375)	9.525	-	-	-	-	○ 1AC1A005
.3937	10	.7874	20	3.1496	80	○ 1AC1A006
7/16 (.4375)	11.113	-	-	-	-	○ 1AC1A007
.4724	12	-	-	-	-	○ 1AC1A008
1/2 (.5)	12.7	.9843	25	-	-	○ 1AC1A009

● stored products ○ not stored products

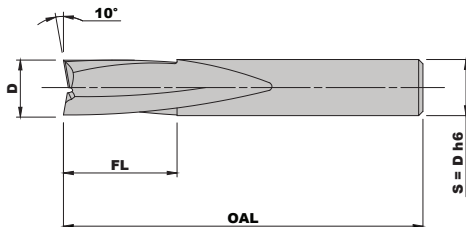
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Router 2 flutes LH spiral – RH cut

Solid carbide

2/2

**Application:**

Panels and sheet metal routing on CNC machines only. Thanks to the left hand spiral, the machining stress is steered towards the end of the tool and so favours the clamping on the table of the sheet metals.

Tool geometry:

Left hand spiral 20°
Right hand cut
Fish tail end cut 10°

Tool material:

Solid carbide

For:

Aluminium

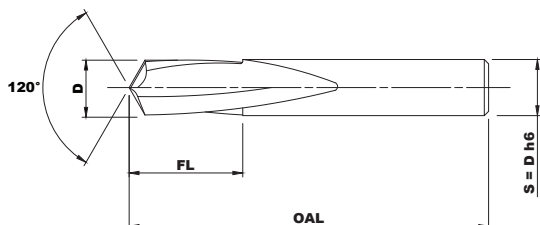
D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.2362	6	.5906	15	2.9528	75	● 1AC4A001
1/4 (.25)	6.35	-	-	-	-	● 1AC4A002
5/16 (.3125)	7.938	.6693	17	-	-	● 1AC4A003
.315	8	-	-	-	-	● 1AC4A004
3/8 (.375)	9.525	-	-	-	-	● 1AC4A005
.3937	10	.7874	20	3.1496	80	○ 1AC4A006
7/16 (.4375)	11.113	-	-	-	-	○ 1AC4A007
.4724	12	-	-	-	-	○ 1AC4A008
1/2 (.5)	12.7	.9843	25	-	-	○ 1AC4A009

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Router 2 flutes LH spiral – RH cut Drill point – HSS-E 5% Co



Application:

Panels and sheet metal routing on manual and CNC machines. Thanks to the left hand spiral, the machining stress is steered towards the end of the tool and so favours the clamping on the table of the sheet metals. With the drill point, the preliminary drilling is not required.

Tool geometry:

Left hand spiral 20°
Right hand cut
Drill point 120°

Tool material:

High speed steels 5% cobalt (M35)

For:

Aluminium

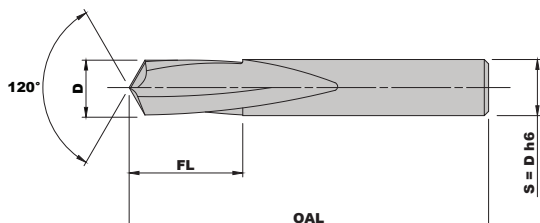
D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.2362	6	.5906	15	2.9528	75	● 1AD1A001
1/4 (.25)	6.35	-	-	-	-	● 1AD1A002
5/16 (.3125)	7.938	.6693	17	-	-	○ 1AD1A003
.315	8	-	-	-	-	○ 1AD1A004
3/8 (.375)	9.525	-	-	-	-	○ 1AD1A005
.3937	10	.7874	20	3.1496	80	○ 1AD1A006
7/16 (.4375)	11.113	-	-	-	-	○ 1AD1A007
.4724	12	-	-	-	-	○ 1AD1A008
1/2 (.5)	12.7	.9843	25	-	-	○ 1AD1A009

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Router 2 flutes LH spiral – RH cut Drill point – Solid carbide



Application:

Panels and sheet metal routing on CNC machines only. Thanks to the left hand spiral, the machining stress is steered towards the end of the tool and so favours the clamping on the table of the sheet metals. With the drill point, the preliminary drilling is not required.

Tool geometry:

Left hand spiral 20°
Right hand cut
Drill point 120°

Tool material:

Solid carbide

For:

Aluminium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.2362	6	.5906	15	2.9528	75	● 1AD4A001
1/4 (.25)	6.35	-	-	-	-	● 1AD4A002
5/16 (.3125)	7.938	.6693	17	-	-	○ 1AD4A003
.315	8	-	-	-	-	● 1AD4A004
3/8 (.375)	9.525	-	-	-	-	● 1AD4A005
.3937	10	.7874	20	3.1496	80	○ 1AD4A006
7/16 (.4375)	11.113	-	-	-	-	○ 1AD4A007
.4724	12	-	-	-	-	○ 1AD4A008
1/2 (.5)	12.7	.9843	25	-	-	○ 1AD4A009





● stored products ○ not stored products

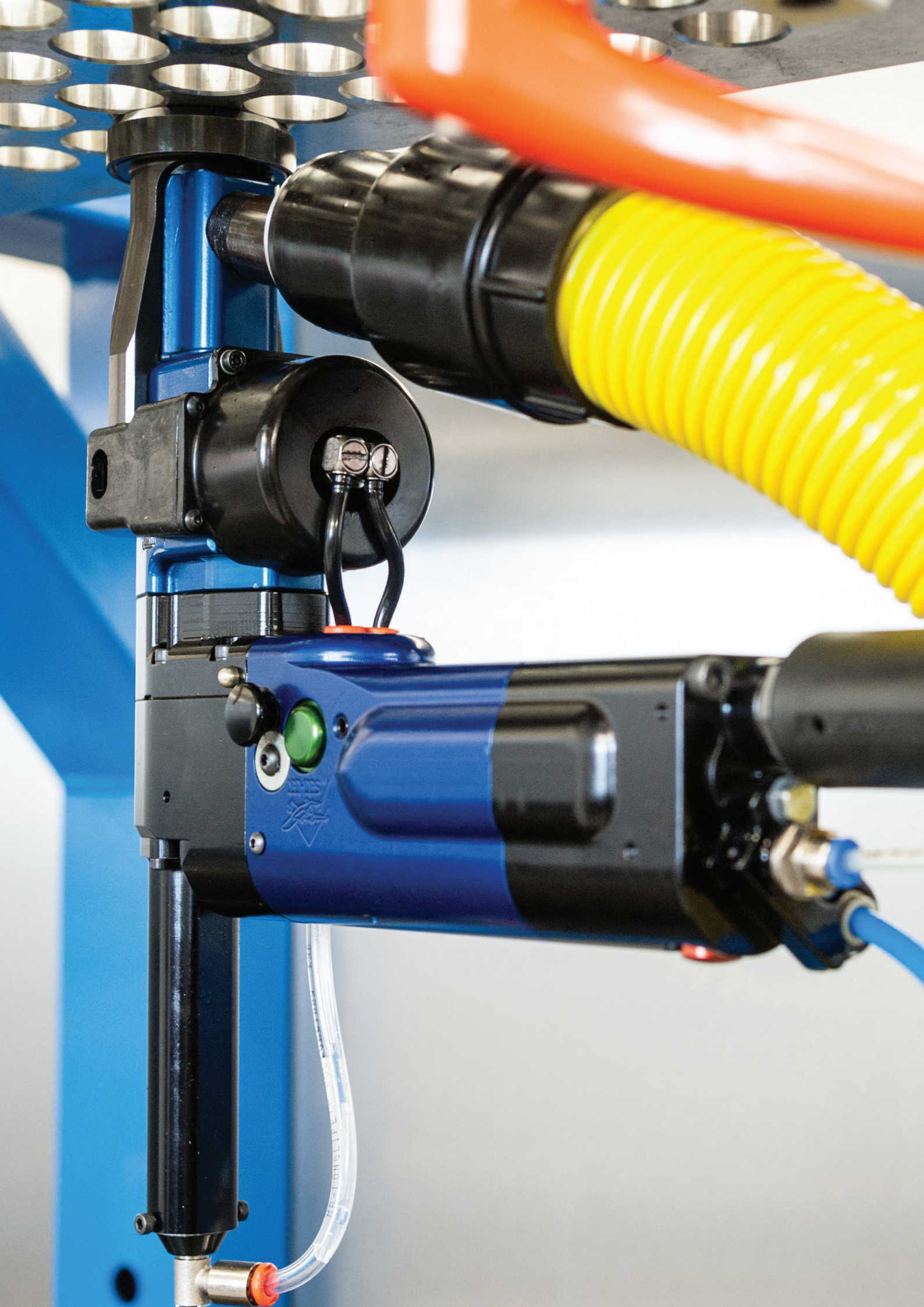
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Machining tools

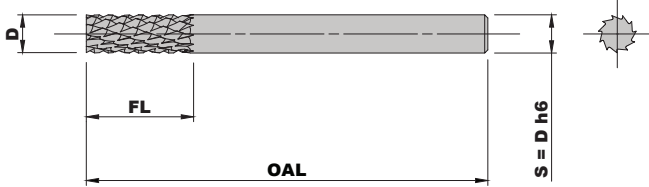
Composite machining

1BA	Fiberglass router <i>No end cut – Solid carbide</i>		21
1BB	Fiberglass router <i>Burr style end cut – Solid carbide</i>		22
1BC	Fiberglass router <i>End mill style end cut – Solid carbide</i>		23
1BD	Fiberglass router <i>Drill point – Solid carbide</i>		24
1BE	Fiberglass router <i>Fishtail end cut – Solid carbide</i>		25
1BF	Alternated spirals router <i>Kevlar drill point – Solid carbide (option Diamond coated)</i>		26
1BH	Alternated spirals router <i>End mill style end cut – Solid carbide (option Diamond coated)</i>		27
1BG	Multi-flutes composite router <i>Burr style end cut – Solid carbide (option Diamond coated)</i>		28
1BI	VHP Multi-flutes composite router <i>Right helix – Burr style end – Diamond coated carbide</i>		30
1BJ	VHP Multi-flutes composite router <i>Left helix – Burr style end – Diamond coated carbide</i>		31
1BK	VHP Roughing composite router <i>Right helix – Nicked profile – Diamond coated carbide</i>		32
1BL	VHP Roughing composite router <i>Left helix – Nicked profile – Diamond coated carbide</i>		33
1BM	VHP 2 flutes herringbone router <i>Compression router – Diamond coated carbide</i>		34
1BN	VHP herringbone router <i>Compression router – Diamond coated carbide</i>		35



Fiberglass router

No end cut – Solid carbide



Application:

Kevlar and Fiberglass routing on manual and CNC machines.

Tool geometry:

Diamond grind
Right hand cut
Without Endcut

Tool material:

Solid carbide

For:

Composite, Fiberglass

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.1181	3	.4724	12	1.4961	38	● 1BA4A001
1/8 (.125)	3.175	-	-	-	-	○ 1BA4A002
5/32 (.1563)	3.969	-	-	-	-	○ 1BA4A003
.1575	4	.6299	16	1.9685	50	● 1BA4A004
3/16 (.1875)	4.763	-	-	-	-	○ 1BA4A005
.2362	6	-	-	-	-	● 1BA4A006
1/4 (.25)	6.35	-	-	-	-	● 1BA4A007
5/16 (.3125)	7.938	-	-	-	-	○ 1BA4A008
.315	8	.9843	25	2.4803	63	● 1BA4A009
3/8 (.375)	9.525	-	-	-	-	○ 1BA4A010
.3937	10	-	-	2.9528	75	○ 1BA4A011
.4724	12	-	-	-	-	● 1BA4A012
1/2 (.5)	12.7	-	-	-	-	● 1BA4A013

● stored products ○ not stored products

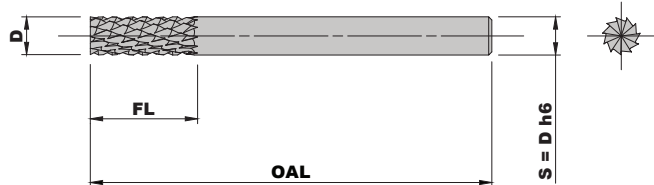
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Fiberglass router

Burr style end cut – Solid carbide



Application:

Kevlar and Fiberglass routing on manual and CNC machines.

Tool geometry:

Diamond grind
Right hand cut
Burr style end cut

Tool material:

Solid carbide

For:

Composite, Fiberglass

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.1181	3	.4724	12	1.4961	38	● 1BB4A001
1/8 (.125)	3.175	-	-	-	-	○ 1BB4A002
5/32 (.1563)	3.969	-	-	-	-	○ 1BB4A003
.1575	4	.6299	16	1.9685	50	● 1BB4A004
3/16 (.1875)	4.763	-	-	-	-	○ 1BB4A005
.2362	6	-	-	-	-	● 1BB4A006
1/4 (.25)	6.35	-	-	-	-	● 1BB4A007
5/16 (.3125)	7.938	-	-	-	-	○ 1BB4A008
.315	8	.9843	25	2.4803	63	● 1BB4A009
3/8 (.375)	9.525	-	-	-	-	○ 1BB4A010
.3937	10	-	-	2.9528	75	○ 1BB4A011
.4724	12	-	-	-	-	● 1BB4A012
1/2 (.5)	12.7	-	-	-	-	○ 1BB4A013

● stored products ○ not stored products

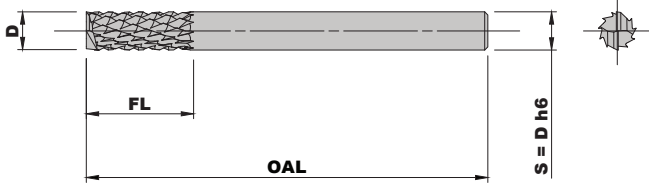
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Fiberglass router

End mill style end cut – Solid carbide



Application:

Kevlar and Fiberglass routing on manual and CNC machines.

Tool geometry:

Diamond grind
Right hand cut
End mill style end cut

Tool material:

Solid carbide

For:

Composite, Fiberglass

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.1181	3	.4724	12	1.4961	38	● 1BC4A001
1/8 (.125)	3.175	-	-	-	-	○ 1BC4A002
5/32 (.1563)	3.969	-	-	-	-	○ 1BC4A003
.1575	4	.6299	16	1.9685	50	● 1BC4A004
3/16 (.1875)	4.763	-	-	-	-	○ 1BC4A005
.2362	6	-	-	-	-	● 1BC4A006
1/4 (.25)	6.35	-	-	-	-	● 1BC4A007
5/16 (.3125)	7.938	-	-	-	-	○ 1BC4A008
.315	8	.9843	25	2.4803	63	● 1BC4A009
3/8 (.375)	9.525	-	-	-	-	○ 1BC4A010
.3937	10	-	-	2.9528	75	○ 1BC4A011
.4724	12	-	-	-	-	● 1BC4A012
1/2 (.5)	12.7	-	-	-	-	○ 1BC4A013

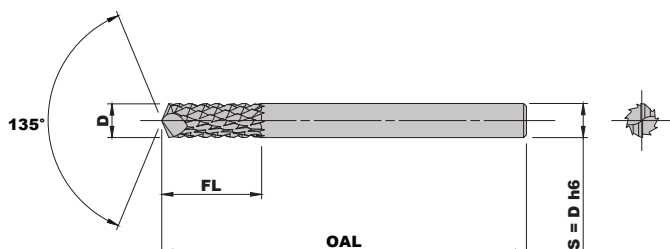
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Fiberglass router Drill point – Solid carbide



Application:

Kevlar and Fiberglass routing on manual and CNC machines.

Tool geometry:

Diamond grind
Right hand cut
Drill point 135°

Tool material:

Solid carbide

For:

Composite, Fiberglass

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.1181	3	.4724	12	1.4961	38	● 1BD4A001
1/8 (.125)	3.175	-	-	-	-	○ 1BD4A002
5/32 (.1563)	3.969	-	-	-	-	○ 1BD4A003
.1575	4	.6299	16	1.9685	50	● 1BD4A004
3/16 (.1875)	4.763	-	-	-	-	○ 1BD4A005
.2362	6	-	-	-	-	● 1BD4A006
1/4 (.25)	6.35	-	-	-	-	● 1BD4A007
5/16 (.3125)	7.938	-	-	-	-	○ 1BD4A008
.315	8	.9843	25	2.4803	63	● 1BD4A009
3/8 (.375)	9.525	-	-	-	-	○ 1BD4A010
.3937	10	-	-	2.9528	75	○ 1BD4A011
.4724	12	-	-	-	-	● 1BD4A012
1/2 (.5)	12.7	-	-	-	-	○ 1BD4A013

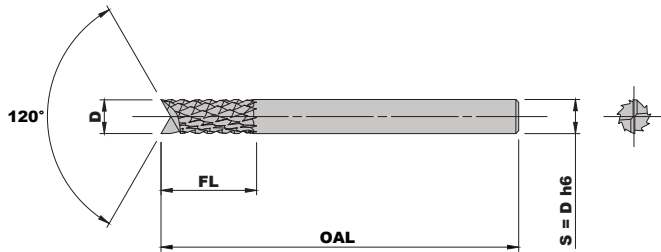
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.



Fiberglass router Fishtail end cut – Solid carbide



Application:

Kevlar and Fiberglass routing on manual and CNC machines.

Tool geometry:

Diamond grind
Right hand cut
Fishtail end cut 120°

Tool material:

Solid carbide

For:

Composite, Fiberglass

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.1181	3	.4724	12	1.4961	38	● 1BE4A001
1/8 (.125)	3.175	-	-	-	-	○ 1BE4A002
5/32 (.1563)	3.969	-	-	-	-	○ 1BE4A003
.1575	4	.6299	16	1.9685	50	● 1BE4A004
3/16 (.1875)	4.763	-	-	-	-	○ 1BE4A005
.2362	6	-	-	-	-	● 1BE4A006
1/4 (.25)	6.35	-	-	-	-	● 1BE4A007
5/16 (.3125)	7.938	-	-	-	-	○ 1BE4A008
.315	8	.9843	25	2.4803	63	● 1BE4A009
3/8 (.375)	9.525	-	-	-	-	○ 1BE4A010
.3937	10	-	-	2.9528	75	○ 1BE4A011
.4724	12	-	-	-	-	● 1BE4A012
1/2 (.5)	12.7	-	-	-	-	○ 1BE4A013

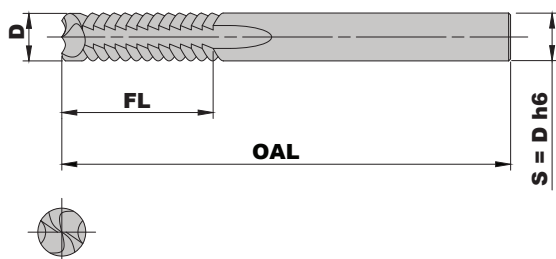
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Alternated spirals router Kevlar drill point – Solid carbide



Application:

Drilling and routing of composites on CNC machines. The alternated spirals allow, in one tool rotation, to set the upward and downward stress of machining and so to avoid any delamination.

Tool geometry:

Alternated spirals
Right hand cut
Kevlar drill end cut

Tool material:

Solid carbide.
Diamond coated possible
(Service life up to x10)

For:

Composite, Kevlar

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
UNCOATED						
.2362	6	.9449	24	2.5197	64	● 1BF4A001
1/4 (.25)	6.35	-	-	-	-	● 1BF4A002
5/16 (.3125)	7.938	-	-	-	-	○ 1BF4A003
.315	8	-	-	-	-	● 1BF4A004
3/8 (.375)	9.525	-	-	-	-	○ 1BF4A005
.3937	10	-	-	-	-	○ 1BF4A006
.4724	12	1.1811	30	3.1496	80	● 1BF4A007
1/2 (.5)	12.7	-	-	-	-	○ 1BF4A008
DIAMOND COATED						
.2362	6	.9449	24	2.5197	64	● 1BF4D001
1/4 (.25)	6.35	-	-	-	-	○ 1BF4D002
5/16 (.3125)	7.938	-	-	-	-	○ 1BF4D003
.315	8	-	-	-	-	● 1BF4D004
3/8 (.375)	9.525	-	-	-	-	○ 1BF4D005
.3937	10	-	-	-	-	○ 1BF4D006
.4724	12	1.1811	30	3.1496	80	● 1BF4D007
1/2 (.5)	12.7	-	-	-	-	○ 1BF4D008

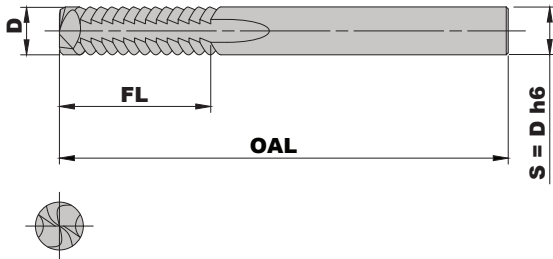
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Alternated spirals router

End mill style end cut – Solid carbide



Application:

Routing of composites on CNC machines. The alternated spirals allow, in one tool rotation, to set the upward and downward stress of machining and so to avoid any delamination.

Tool geometry:

Alternated spirals
Right hand cut
End mill style end cut

Tool material:

Solid carbide.
Diamond coated possible
(Service life up to x10)

For:

Composite, Kevlar

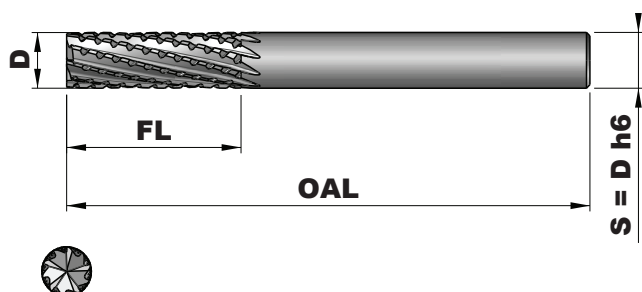
D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
UNCOATED						
.2362	6	.9449	24	2.5197	64	● 1BH4A001
1/4 (.25)	6.35	-	-	-	-	○ 1BH4A002
5/16 (.3125)	7.938	-	-	-	-	○ 1BH4A003
.315	8	-	-	-	-	● 1BH4A004
3/8 (.375)	9.525	-	-	-	-	○ 1BH4A005
.3937	10	-	-	-	-	● 1BH4A006
.4724	12	1.1811	30	3.1496	80	○ 1BH4A007
1/2 (.5)	12.7	-	-	-	-	○ 1BH4A008
DIAMOND COATED						
.2362	6	.9449	24	2.5197	64	● 1BH4D001
1/4 (.25)	6.35	-	-	-	-	○ 1BH4D002
5/16 (.3125)	7.938	-	-	-	-	○ 1BH4D003
.315	8	-	-	-	-	● 1BH4D004
3/8 (.375)	9.525	-	-	-	-	○ 1BH4D005
.3937	10	-	-	-	-	● 1BH4D006
.4724	12	1.1811	30	3.1496	80	○ 1BH4D007
1/2 (.5)	12.7	-	-	-	-	○ 1BH4D008

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Multiteeth composite router Solid carbide



Application:

Routing of composite sandwich on CNC machine.
Well adapted for big material removal rate.

Tool geometry:

Right helix – Right hand cut
Chip breakers
Burr style end cut

Tool material:

Solid carbide.
Diamond coated possible
(Service life up to x10)

For:

Composite, CFRP

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
UNCOATED						
.1181	3	.4724	12	1.4961	38	● 1BG4A001
1/8 (.125)	3.175	-	-	-	-	● 1BG4A002
5/32 (.1563)	3.969	-	-	-	-	○ 1BG4A003
.1575	4	.6299	16	1.9685	50	● 1BG4A004
3/16 (.1875)	4.763	-	-	-	-	○ 1BG4A005
.2362	6	.9843	25	2.5197	64	● 1BG4A006
1/4 (.25)	6.35	-	-	-	-	● 1BG4A007
5/16 (.3125)	7.938	-	-	-	-	○ 1BG4A008
.315	8	-	-	-	-	● 1BG4A009
3/8 (.375)	9.525	-	-	-	-	○ 1BG4A010
.3937	10	1.1024	28	-	-	● 1BG4A011
-	-	1.1811	30	3.1496	80	○ 1BG4A014
.4724	12	1.4961	38	3.7402	95	● 1BG4A012
1/2 (.5)	12.7	-	-	-	-	● 1BG4A013
DIAMOND COATED						
.1181	3	.4724	12	1.4961	38	● 1BG4D001
1/8 (.125)	3.175	-	-	-	-	○ 1BG4D002
5/32 (.1563)	3.969	-	-	-	-	○ 1BG4D003
.1575	4	.6299	16	1.9685	50	● 1BG4D004
3/16 (.1875)	4.763	-	-	-	-	○ 1BG4D005
.2362	6	.9449	24	2.5197	64	● 1BG4D006
1/4 (.25)	6.35	-	-	-	-	○ 1BG4D007
5/16 (.3125)	7.938	-	-	-	-	○ 1BG4D008
.315	8	-	-	-	-	● 1BG4D009
3/8 (.375)	9.525	-	-	-	-	○ 1BG4D010
.3937	10	1.1024	28	-	-	○ 1BG4D011
-	-	1.1811	30	3.1496	80	○ 1BG4D014
.4724	12	1.4961	38	3.7402	95	● 1BG4D012
1/2 (.5)	12.7	-	-	-	-	○ 1BG4D013

● stored products ○ not stored products

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Very High Performance composite router Recommendations

A standard range of different geometries with each one different strong point in order to reach exactly to your requirements : quality, tool life, cycle time and cutting forces.

Nexam 1BI - 1BJ

VHP Multiteeth composite router

A multipurpose mill, the best compromise : quality, performance and long tool life.

Nexam 1BK - 1BL

VHP Roughing composite router

A mill generating very low cutting forces for machining parts with low rigidity setups, low clamping forces, or important overhang of the tool.

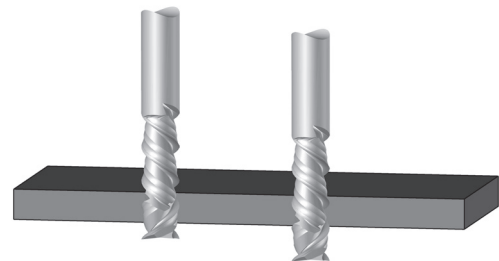
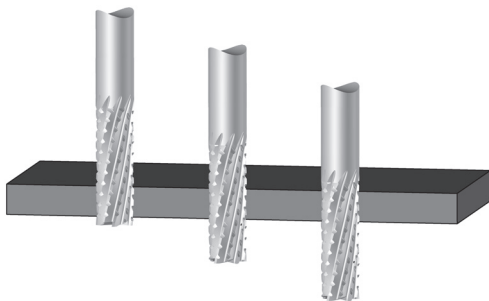
Nexam 1BM - 1BN

VHP Herringbone router

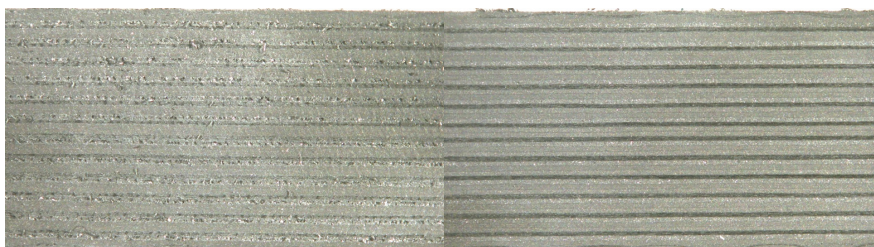
A mill which allow to obtain the best surface finish combined with very high cutting tool condition.

Nexam	1BI-1BJ	1BK-BL	1BM-BN
Application	Roughing and finishing	Roughing	Roughing and finishing
Surface quality	2nd	3rd	1st
Cutting resistance	2nd	1st	3rd
Tool life	1st	2nd	3rd
Flute Management	Yes	Yes	Small
Teeth number	Various (depends on Ø)	Various (depends on Ø)	Various (depends on Ø)
Milling direction	Upcut milling (conventional)		

Flute Management



Upcut milling for best surface quality



Down Cut Side

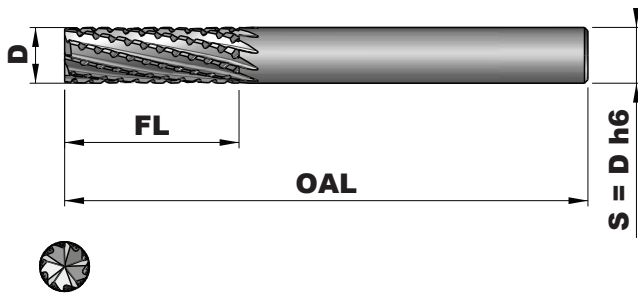
Up Cut Side

Example : Nexam 1BN Ø8

- 7000 rpm
- 0,20 mm/rev

VHP Multiteeth composite router

Right helix – Diamond coated carbide



Application:

Very high performance router for composite stacks on CNC machine.

Well adapted for big material removal rate.

Tool geometry:

Right helix – Right hand cut

Chip breakers

Burr style end cut

Tool material:

Solid carbide with Diamond coating

For:

Composite, CFRP

D		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
.1181	3	6	.374	9.5	1.7717	45	○ 1BI4D001
1/8 (.125)	3.175	-	.248	6.3	1.4961	38	● 1BI4D002
-	-	-	.374	9.5	-	-	○ 1BI4D003
.1575	4	-	.5512	14	1.9685	50	○ 1BI4D004
-	-	-	.4724	12	2.4803	63	● 1BI4D005
3/16 (.1875)	4.763	-	.374	9.5	2.0079	51	○ 1BI4D006
.2362	6	8	.7087	18	2.6772	68	● 1BI4D007
1/4 (.25)	6.35	-	.5118	13	2.4803	63	○ 1BI4D008
-	-	-	.748	19	-	-	● 1BI4D009
-	-	10	-	-	-	-	● 1BI4D010
-	-	12	-	-	-	-	○ 1BI4D011
-	-	8	.9843	25	2.9921	76	● 1BI4D012
-	-	10	-	-	-	-	○ 1BI4D013
-	-	12	-	-	-	-	○ 1BI4D014
-	-	8	1.2598	32	4.0157	102	○ 1BI4D015
5/16 (.3125)	7.938	10	.9843	25	2.4803	63	○ 1BI4D016
.315	8	-	.9449	24	2.9134	74	● 1BI4D017
3/8 (.375)	9.525	12	.748	19	2.4803	63	○ 1BI4D018
-	-	-	1.1024	28	2.9921	76	● 1BI4D019
-	-	-	1.4961	38	4.0157	102	○ 1BI4D020
.3937	10	-	1.1811	30	3.1496	80	● 1BI4D021
.4724	12	14	1.4173	36	3.3858	86	● 1BI4D022
1/2 (.5)	12.7	-	.9843	25	2.9921	76	○ 1BI4D023
-	-	-	1.4961	38	3.937	100	● 1BI4D024
-	-	16	2.0079	51	4.0157	102	○ 1BI4D025

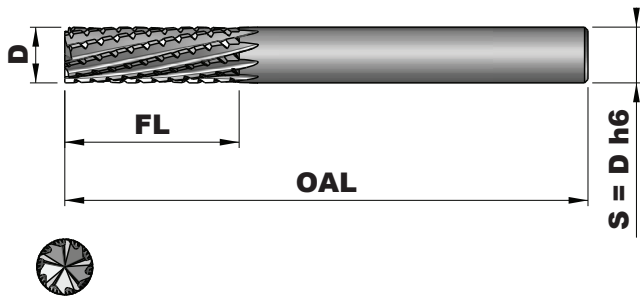
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.

VHP Multiteeth composite router

Left helix – Diamond coated carbide



Application:

Very high performance router for composite stacks on CNC machine.
Well adapted for big material removal rate.
The left hand spiral favours the clamping of the workpiece on the template.

Tool geometry:

Left helix – Right hand cut
Chip breakers
Burr style end cut

Tool material:

Solid carbide with Diamond coating

For:

Composite, CFRP

D		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
.1181	3	6	.374	9.5	1.4961	38	○ 1BJ4D001
1/8 (.125)	3.175	-	-	-	-	-	○ 1BJ4D002
.1575	4	-	.5512	14	1.9685	50	○ 1BJ4D003
.2362	6	8	.748	19	2.6772	68	○ 1BJ4D004
-	-	10	.7087	18	3.4646	88	● 1BJ4D005
1/4 (.25)	6.35	8	.748	19	2.4803	63	○ 1BJ4D006
5/16 (.3125)	7.938	10	.9843	25	-	-	○ 1BJ4D007
.315	8	-	.9449	24	2.9134	74	○ 1BJ4D008
-	-	14	-	-	3.7008	94	● 1BJ4D009
3/8 (.375)	9.525	12	1.1024	28	2.9921	76	○ 1BJ4D010
.3937	10	-	1.1811	30	3.1496	80	○ 1BJ4D011
.4724	12	14	1.4961	38	3.3858	86	○ 1BJ4D012
1/2 (.5)	12.7	-	-	-	3.7402	95	○ 1BJ4D013

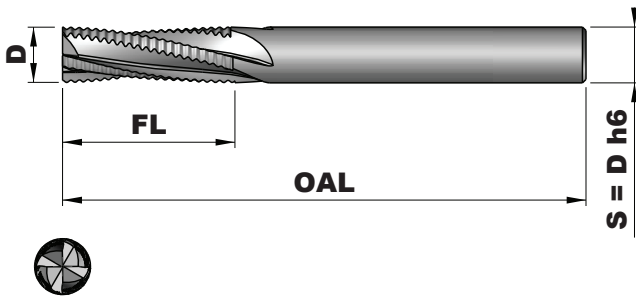
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VHP Roughing composite router

Right helix – Diamond coated carbide



Application:

Very high performance router for composite stacks on CNC machine.
Well adapted for big material removal rate.
With very low cutting forces, but can required a finishing operation.

Tool geometry:

Right helix – Right hand cut
Nicked profile

Tool material:

Solid carbide with Diamond coating

For:

Composite, CFRP

D		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
.1181	3	3	.374	9.5	1.4961	38	○ 1BK4D001
1/8 (.125)	3.175	-	-	-	-	-	○ 1BK4D002
.1575	4	-	.5512	14	1.9685	50	○ 1BK4D003
-	-	-	.4724	12	2.4409	62	● 1BK4D004
.2362	6	4	.7087	18	2.6772	68	● 1BK4D005
1/4 (.25)	6.35	-	.4724	12	2.4803	63	○ 1BK4D006
-	-	-	.748	19	-	-	○ 1BK4D007
-	6.35	-	-	-	2.7165	69	○ 1BK4D008
-	6.35	-	.9843	25	2.9921	76	● 1BK4D009
.315	8	6	.9449	24	2.9134	74	● 1BK4D010
3/8 (.375)	9.525	-	.748	19	2.9921	76	○ 1BK4D011
-	-	4	1.1024	28	3.0709	78	○ 1BK4D012
-	-	6	1.122	28.5	2.9921	76	○ 1BK4D013
.3937	10	4	1.1811	30	3.1496	80	○ 1BK4D014
-	-	6	-	-	-	-	● 1BK4D015
.4724	12	-	1.4173	36	3.3858	86	○ 1BK4D016
1/2 (.5)	12.7	-	.9843	25	2.9921	76	○ 1BK4D017
-	-	-	1.4961	38	-	-	● 1BK4D018
-	-	-	-	-	3.4646	88	○ 1BK4D019

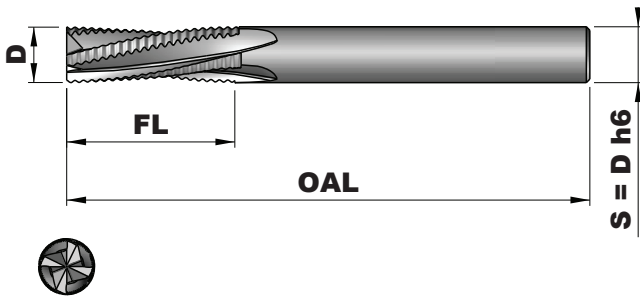
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VHP Roughing composite router

Left helix – Diamond coated carbide



Application:

Very high performance router for composite stacks on CNC machine.
 Well adapted for big material removal rate.
 The left hand spiral favours the clamping of the workpiece on the template.
 With very low cutting forces, but can required a finishing operation.

Tool geometry:

Left helix – Right hand cut
 Nicked profile

Tool material:

Solid carbide with Diamond coating

For:

Composite, CFRP

D		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
.1181	3	3	.374	9.5	1.4961	38	○ 1BL4D001
.2362	6	4	.7087	18	3.1496	80	○ 1BL4D002
.315	8	-	.9449	24	3.5433	90	○ 1BL4D003
.3937	10	-	1.1811	30	3.937	100	○ 1BL4D004
.4724	12	-	1.4173	36	4.3307	110	○ 1BL4D005

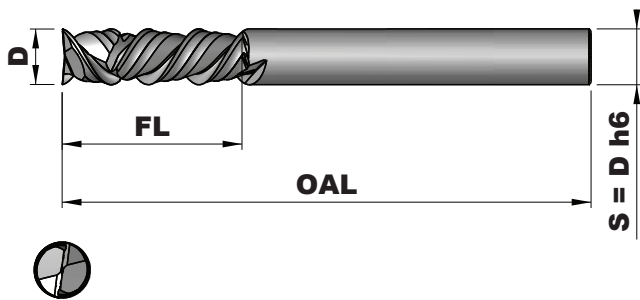
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Please, contact us for any request at request@nexam.aero.

VHP 2 flutes herringbone router

Compression router – Diamond coated carbide



Application:

Very high performance router for composite stacks on CNC machine.
 Well adapted for big material removal rate, and high feed rate.
 Avoid uncuted fibers and delamination.
 Excellent surface finish obtained.

Tool geometry:

2 flutes
 High Herringbone helix
 Right hand cut

Tool material:

Solid carbide with Diamond coating

For:

Composite, CFRP

D		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
.1181	3	2	.374	9.5	1.4961	38	○ 1BM4D001
1/8 (.125)	3.175	-	-	-	-	-	○ 1BM4D002
.1575	4	-	.5512	14	1.9685	50	○ 1BM4D003
.2362	6	-	.7087	18	2.6772	68	● 1BM4D004
1/4 (.25)	6,35	-	.748	19	2.9921	76	● 1BM4D005
.315	8	-	.9449	24	2.9134	74	● 1BM4D006
3/8 (.375)	9,525	-	.748	19	2.9921	76	○ 1BM4D007
-	-	-	2.0079	51	4.0157	102	○ 1BM4D008
.3937	10	-	1.1811	30	3.1496	80	● 1BM4D009
1/2 (.5)	12,7	-	.9843	25	2.9921	76	○ 1BM4D010
-	-	-	2.0079	51	4.0157	102	○ 1BM4D011

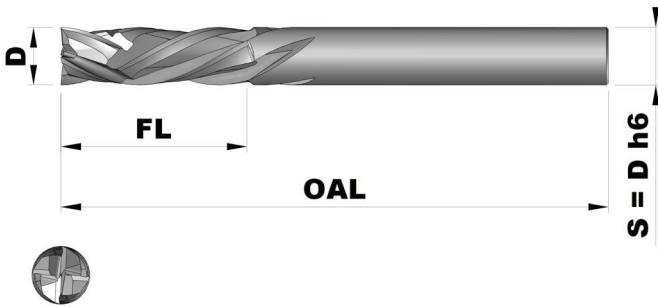
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.

VHP herringbone router

Compression router – Diamond coated carbide



Application:

Very high performance router for composite stacks on CNC machine.
Well adapted for big material removal rate, and very high feed rate.
Avoid uncutted fibers and delamination.
Very good surface finish obtained.

Tool geometry:

Multiflute
Herringbone helix – Right hand cut

Tool material:

Solid carbide with Diamond coating

For:

Composite, CFRP

D		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
3 FLUTES ROUTERS							
.1181	3	3	.374	9.5	1.4961	38	○ 1BN4D301
.1575	4	-	.5512	14	1.9685	50	○ 1BN4D304
4 FLUTES ROUTERS							
.1181	3	4	.374	9.5	1.4961	38	○ 1BN4D401
1/8 (.125)	3,175	-	.5591	14.2	-	-	● 1BN4D402
-	3,175	-	.374	9.5	-	-	○ 1BN4D403
.1575	4	-	.5512	14	1.9685	50	○ 1BN4D404
.2362	6	-	.5906	15	2.5591	65	● 1BN4D405
-	-	-	.7087	18	2.6772	68	○ 1BN4D406
1/4 (.25)	6,35	-	.748	19	2.4803	63	● 1BN4D407
-	-	-	-	-	2.7165	69	○ 1BN4D408
.315	8	-	.7874	20	2.7559	70	● 1BN4D409
-	-	-	.9449	24	2.9134	74	○ 1BN4D410
3/8 (.375)	9,525	-	.8661	22	2.9921	76	○ 1BN4D411
-	-	-	1.1024	28	3.0709	78	○ 1BN4D412
.3937	10	-	.9843	25	2.9528	75	● 1BN4D413
-	-	-	1.1811	30	3.1496	80	○ 1BN4D414
.4724	12	-	-	-	3.937	100	● 1BN4D415
-	-	-	1.4173	36	3.3858	86	○ 1BN4D416
1/2 (.5)	12.7	-	1.4961	38	2.9921	76	● 1BN4D417
6 FLUTES ROUTERS – FOR HIGH FEED TRIMMING & FINISHING							
.2362	6	6	.7087	18	2.6772	68	○ 1BN4D606
.315	8	-	.9449	24	2.9134	74	○ 1BN4D610
.3937	10	-	1.1811	30	3.1496	80	○ 1BN4D614
.4724	12	-	1.4173	36	3.3858	86	○ 1BN4D616
1/2 (.5)	12.7	-	1.4961	38	4.0157	102	● 1BN4D617
8 FLUTES ROUTERS – FOR HIGH FEED TRIMMING & FINISHING							
.3937	10	8	1.1811	30	3.1496	80	○ 1BN4D814
.4724	12	-	1.4173	36	3.3858	86	○ 1BN4D816

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



VHP Multiteeth composite router Recommendations

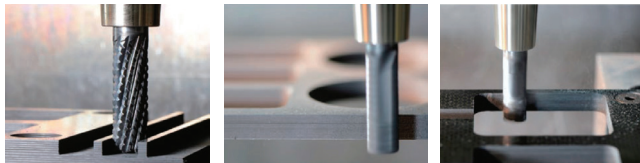
Nexam 1BI-1BJ are fine nicked router specially designed for carbon fiber composite trimming. The router features a cutting geometry coupled with diamond coating.

APPLICATIONS

- Best in carbon fiber, also good for carbon/carbon
- High feed roughing and finishing
- Applied in both thick and thin laminates
- For ramping and helical interpolation

FEATURES

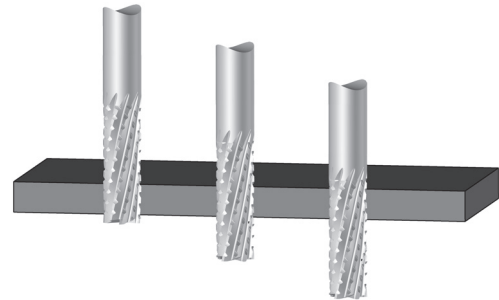
- Special nicks and flutes form to eliminate uncut fibers and delamination
- Extremely low cutting forces for long tool life
- Flute Management can be applied by changing the milling position at the flute to increase tool life



Slotting

Routing

Pocketing



CUTTING CONDITIONS

Work Material	CFRP		CFRTP		C/C Composite	
Milling Speed	100 ~ 180 m/min		80 ~ 150 m/min		120 ~ 200 m/min	
Ø	f (mm/rev)					
	Ap<0,25.Ø	0,25.Ø<Ap<0,5.Ø	0,5.Ø<Ap<1.Ø	Ap=1.Ø	1.Ø<Ap<2.Ø	2.Ø<Ap<3.Ø
3 à 3,5	0,03-0,04	0,06-0,075	0,05-0,06	0,04-0,05	0,03-0,04	0,02-0,025
4 à 5	0,04-0,05	0,075-0,09	0,06-0,07	0,05-0,06	0,04-0,05	0,025-0,03
6 à 7	0,08-0,10	0,15-0,18	0,12-0,15	0,10-0,12	0,08-0,10	0,05-0,06
8 à 9	0,12-0,20	0,24-0,37	0,19-0,30	0,16-0,25	0,12-0,20	0,08-0,12
9 à 10	0,19-0,24	0,36-0,45	0,29-0,36	0,24-0,30	0,19-0,24	0,12-0,15
12 à 13	0,24-0,40	0,45-0,70	0,36-0,60	0,30-0,50	0,24-0,40	0,15-0,25

SELECTION GUIDE

Machining Style					
Slotting	Side milling	Roughing	Finishing	Ramping	Plunging
O	O	X	X	O	O

Machine Type			Material Thickness	
Hand	CNC	5-Axis	Thin	Thick
	O	O	O	O

O Best - X Good



VHP Roughing composite router Recommendations

Nexam 1BK-1BL are diamond coated router for roughing and semi-finishing composites. It uses extremely low cutting forces for low rigid fixtures and weak spindles.

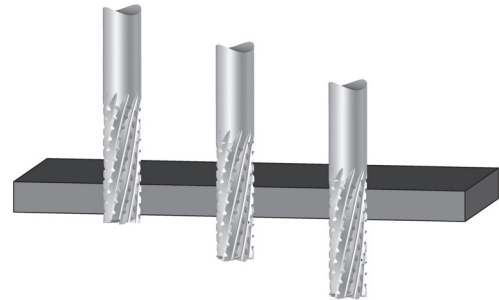
APPLICATIONS

- Low rigid fixtures, setups and weak spindles
- High efficiency for roughing applications



FEATURES

- Roughing nicks for efficient milling providing extremely low cutting forces
- Diamond coating provides superior wear resistance and anti-welding properties
- Flute Management can be applied by changing the milling position at the flute to increase tool life



CUTTING CONDITIONS

Work Material	CFRP		CFRTP		C/C Composite	
Milling Speed	100 ~ 180 m/min		80 ~ 150 m/min		120 ~ 200 m/min	
Ø	f (mm/rev)					
	Ap<0,25.Ø	0,25.Ø<Ap<0,5.Ø	0,5.Ø<Ap<1.Ø	Ap=1.Ø	1.Ø<Ap<2.Ø	2.Ø<Ap<3.Ø
3 à 3,5	0,03-0,04	0,06-0,075	0,05-0,06	0,04-0,05	0,03-0,04	0,02-0,025
4 à 5	0,04-0,05	0,075-0,09	0,06-0,07	0,05-0,06	0,04-0,05	0,025-0,03
6 à 7	0,08-0,10	0,15-0,18	0,12-0,15	0,10-0,12	0,08-0,10	0,05-0,06
8 à 9	0,12-0,20	0,24-0,37	0,19-0,30	0,16-0,25	0,12-0,20	0,08-0,12
9 à 10	0,19-0,24	0,36-0,45	0,29-0,36	0,24-0,30	0,19-0,24	0,12-0,15
12 à 13	0,34-0,56	0,63-1,05	0,50-0,84	0,42-0,70	0,34-0,56	0,21-0,35

SELECTION GUIDE

Machining Style

Slotting	Side milling	Roughing	Finishing	Ramping	Plunging
O	O	O	X	O	O

Machine Type

Material Thickness

Hand	CNC	5-Axis	Thin	Thick
X	O	O	O	O

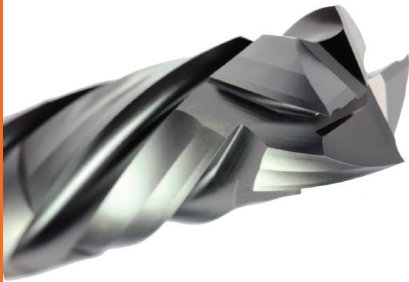
O Best - X Good

VHP Herringbone router Recommendations

Nexam 1BN-1BM are diamond coating herringbone style router for high feed rates and excellent surface finishes.

APPLICATIONS

- Excellent in carbon and glass composites and in thermoplastic matrix
- High feed roughing and finishing
- Best in thick laminates

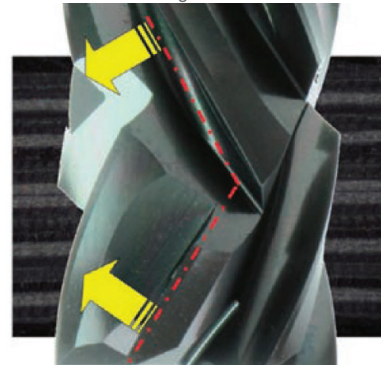


FEATURES

- Compression mechanism to neutralize cutting forces to prevent delamination on both top and bottom laminates
- Low cutting forces for long tool life

Left Hand Helix (Shank Side)

Directs cutting force downward



Right Hand Helix (End Cut Side)

Directs cutting force upward

CUTTING CONDITIONS

Work Material	CFRP		CFRTP		C/C composite	
Milling Speed	100 ~ 180 m/min		80 ~ 150 m/min		120 ~ 200 m/min	
Ø	f (mm/rev) for 4 flutes					
	Ap<0,25.Ø	0,25.Ø<Ap<0,5.Ø	0,5.Ø<Ap<1.Ø	Ap=1.Ø	1.Ø<Ap<2.Ø	2.Ø<Ap<3.Ø
3 à 3,5	0,03-0,04	0,06-0,075	0,05-0,06	0,04-0,05	0,03-0,04	0,02-0,025
4 à 5	0,04-0,05	0,075-0,09	0,06-0,07	0,05-0,06	0,04-0,05	0,025-0,03
6 à 7	0,08-0,10	0,15-0,18	0,12-0,15	0,10-0,12	0,08-0,10	0,05-0,06
8 à 9	0,12-0,20	0,24-0,37	0,19-0,30	0,16-0,25	0,12-0,20	0,08-0,12
9 à 10	0,19-0,24	0,36-0,45	0,29-0,36	0,24-0,30	0,19-0,24	0,12-0,15
12 à 13	0,24-0,40	0,45-0,70	0,36-0,60	0,30-0,50	0,24-0,40	0,15-0,25

Work Material	CFRP		CFRTP		C/C composite	
Cutting Speed	100 ~ 180 m/min		80 ~ 150 m/min		120 ~ 200 m/min	
Ø	f (mm/tooth)					
	Ap<0,25.Ø	0,25.Ø<Ap<0,5.Ø	0,5.Ø<Ap<1.Ø	Ap=1.Ø	1.Ø<Ap<2.Ø	2.Ø<Ap<3.Ø
3 à 3,5	0,008-0,010	0,015-0,019	0,013-0,015	0,010-0,013	0,008-0,010	0,005-0,006
4 à 5	0,010-0,013	0,019-0,023	0,015-0,018	0,013-0,015	0,010-0,013	0,006-0,008
6 à 7	0,020-0,025	0,038-0,045	0,030-0,038	0,025-0,030	0,020-0,025	0,013-0,015
8 à 9	0,030-0,050	0,060-0,093	0,048-0,075	0,040-0,063	0,030-0,050	0,020-0,030
9 à 10	0,048-0,060	0,090-0,113	0,073-0,090	0,060-0,075	0,048-0,060	0,030-0,038
12 à 13	0,060-0,100	0,113-0,175	0,090-0,150	0,075-0,125	0,060-0,100	0,038-0,063

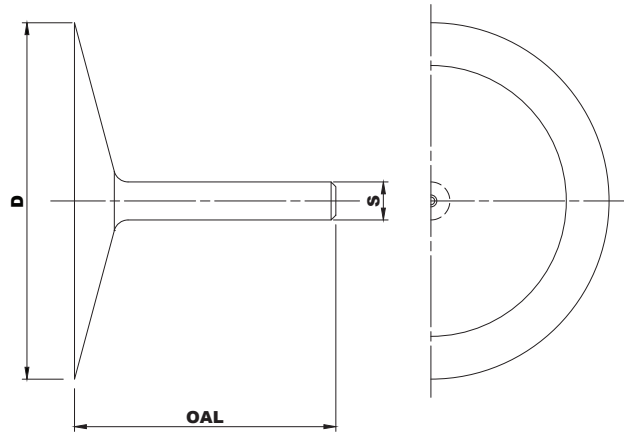
Machining tools

Honeycomb machining

1CA	Honeycomb cutter – Plain cutting <i>HSS-E 5% Co</i>	40
1CB	Honeycomb cutter – Serrated cutting <i>HSS-E 5% Co</i>	41
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NEW

Honeycomb cutter – Plain cutting HSS-E 5% Co



Application:

Facing of the low density nomex and aluminium honeycomb, on CNC machines.

Tool geometry:

Plain cutting

Tool material:

High speed steels 5% Co (M35)

For:

Aluminium honeycomb, Nomex honeycomb

D		S		OAL		Item
inch	mm	inch	mm	inch	mm	
.7087	18	.2362	6	2.1654	55	○ 1CA1A001
.7874	20	-	-	-	-	● 1CA1A002
.9843	25	-	-	-	-	● 1CA1A003
1.1811	30	-	-	-	-	● 1CA1A004
1.378	35	.315	8	2.5591	65	○ 1CA1A005
1.5748	40	-	-	-	-	● 1CA1A006
1.9685	50	-	-	-	-	● 1CA1A007
2.3622	60	-	-	-	-	● 1CA1A008
2.9528	75	.3937	10	2.9528	75	● 1CA1A009
3.937	100	.4724	12	3.3465	85	● 1CA1A010

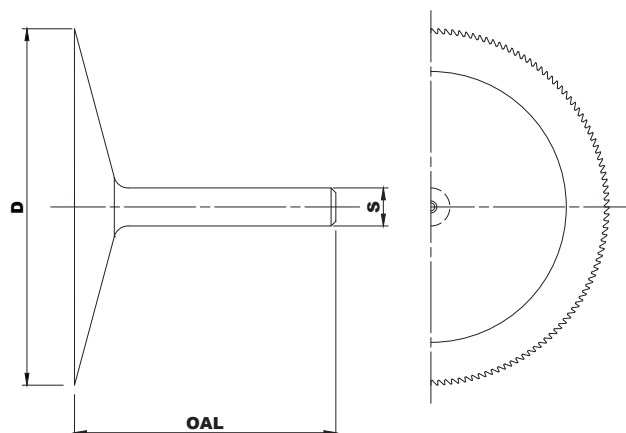
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Honeycomb cutter – serrated cutting HSS-E 5% Co



Application:

Facing of the nomex honeycomb, on CNC machines.

Tool geometry:

F = number of teeth

Tool material:

High speed steel 5% Co (M35)

For:

Nomex honeycomb

D		F	S		OAL		Item
inch	mm		inch	mm	inch	mm	
.7087	18	38	.2362	6	2.1654	55	○ 1CB1A001
.7874	20	42	-	-	-	-	● 1CB1A002
.9843	25	52	-	-	-	-	○ 1CB1A003
1.1811	30	63	-	-	-	-	● 1CB1A004
1.378	35	73	.315	8	2.5591	65	○ 1CB1A005
1.5748	40	84	-	-	-	-	● 1CB1A006
1.9685	50	105	-	-	-	-	● 1CB1A007
2.3622	60	126	-	-	-	-	● 1CB1A008
2.9528	75	157	.3937	10	2.9528	75	● 1CB1A009
3.937	100	209	.4724	12	3.3465	85	● 1CB1A010

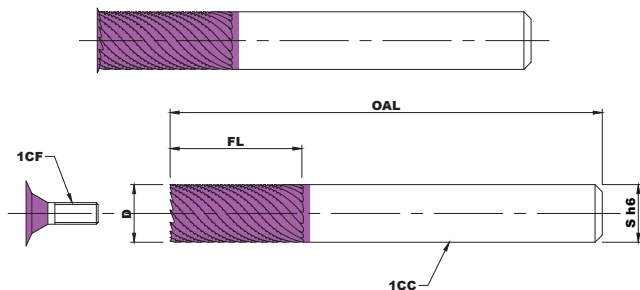
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.



Hogger/cutter combination Plain shank – HSS-E 5% Co



Application:

Facing and dressing of the nomex honeycomb, on CNC machines. These must be used with our cutters (item 1CF).

Tool geometry:

- Right hand spiral
- Right hand cut
- F = flute number
- Chip breakers

Tool material:

High speed steel 5% Co (M35)
AlCrN coated

For:

Nomex honeycomb

D		F	FL		S		OAL		Item
inch	mm		inch	mm	inch	mm	inch	mm	
.6299	16	10	1.9685	50	.6299	16	4.7244	120	● 1CC1C001
.7874	20	12	-	-	.7874	20	-	-	● 1CC1C002
.9843	25	16	-	-	.9843	25	-	-	● 1CC1C003

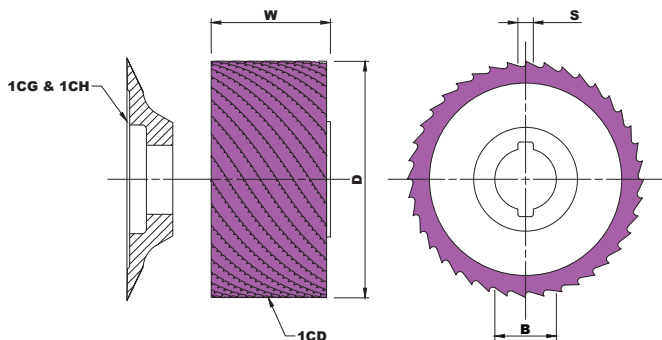
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Hogger/cutter combination Shell end mill – HSS-E 5% Co



Application:

Facing and dressing of the nomex and aluminium honeycomb, on CNC machines. These must be used with our cutters (item 1CG and 1CH). These cutters are mounted on our toolholder 1ZA.

Tool geometry:

Right hand spiral
Right hand cut
F = flute number
Chip breakers

Tool material:

High speed steel 5% Co (M35)
AlCrN coated

For:

Nomex honeycomb

D		F	W		B		S		Item
inch	mm		inch	mm	inch	mm	inch	mm	
1.7323	44	30	.7087	18	.5118	13	.1181	3	● 1CD1C001
-	-	-	1.2205	31					● 1CD1C002
2.4213	61.5	40	.7087	18	.6299	16	.1575	4	● 1CD1C003
-	-	-	1.2205	31					● 1CD1C004

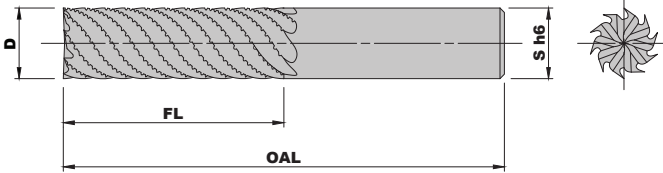
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Honeycomb end mill

Plain shank – Solid carbide



Application:

Grooving of the nomex honeycomb, on CNC machines.

Tool geometry:

Right hand spiral
 Right hand cut
 F = flute number
 Chip breakers

Tool material:

Solid carbide

For:

Nomex honeycomb

D		F	FL		S		OAL		Item
inch	mm		inch	mm	inch	mm	inch	mm	
.3937	10	6	1.378	35	.3937	10	2.7559	70	● 1CE4A001
-	-	-	2.5591	65			3.937	100	● 1CE4A002
.4724	12	8	1.378	35	.4724	12	2.7559	70	● 1CE4A003
-	-	-	2.5591	65			3.937	100	● 1CE4A004
.6299	16	10	1.9685	50	.6299	16	3.937	100	● 1CE4A005
-	-	-	4.3307	110			6.2992	160	● 1CE4A006
.7874	20	12	1.9685	50	.7874	20	3.937	100	○ 1CE4A007
-	-	-	4.3307	110			6.2992	160	○ 1CE4A008

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

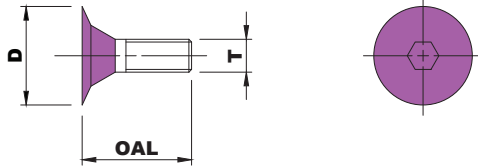
Please, contact us for any request at request@nexam.aero.



Cutter for Hogger (1CC)

Threaded shank – HSS-E5 % Co

1/1



Application:

Facing of the nomex honeycomb, on CNC machines. Use with our hoggers (item 1CC).

Tool geometry:

Plain cutting

Tool material:

High speed steel 5% Co (M35)
AlCrN coated

For:

Nomex honeycomb

D		T	1CC	OAL		Item
inch	mm			inch	mm	
.7087	18	M6	1CC1C001	.7874	20	● 1CF1C001
.8661	22	-	1CC1C002	.7874	20	● 1CF1C002
1.063	27	M8	1CC1C003	.7874	20	● 1CF1C003

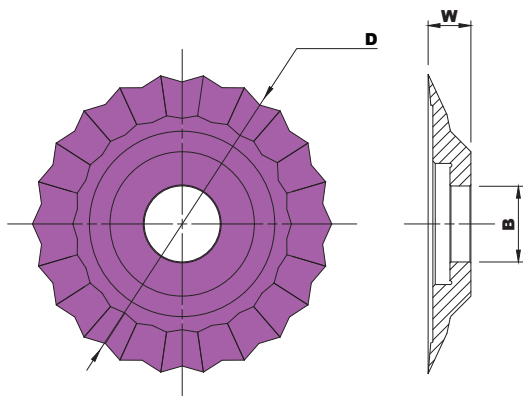
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Cutter for Hogger (1CD) – Serrated cutting Boring – HSS-E5 % Co



Application:

Facing of the nomex honeycomb, on CNC machines. These cutters are mounted on our toolholder item 1ZA to use with our hoggers (item 1CD).

Tool geometry:

Serrated cutting

Tool material:

High speed steel 5% Co (M35)
AlCrN coated

For:

Nomex honeycomb

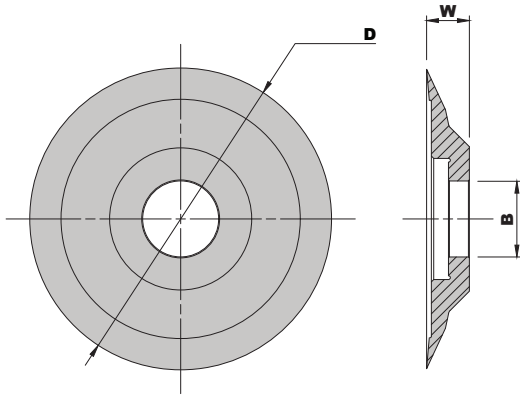
D		1CD	W		B		Item
inch	mm		inch	mm	inch	mm	
1.7717	45	1CD1C001 1CD1C002	.3346	8.5	.5118	13	● 1CG1C001
2.4803	63	1CD1C003 1CD1C004	.3346	8.5	.6299	16	● 1CG1C002

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Cutter for Hogger (1CD) – Plain cutting Boring – Solid Carbide



Application:

Facing of the nomex honeycomb, on CNC machines. These cutters are mounted on our toolholder item 1ZA to use with our hoggers (item 1CD).

Tool geometry:

Plain cutting

Tool material:

Solid carbide

For:

Nomex honeycomb

D		1CD	W		B		Item
inch	mm		inch	mm	inch	mm	
1.7717	45	1CD1C001 1CD1C002	.3346	8.5	.5118	13	● 1CH4A001
2.4803	63	1CD1C003 1CD1C004	.3346	8.5	.6299	16	● 1CH4A002

● stored products ○ not stored products

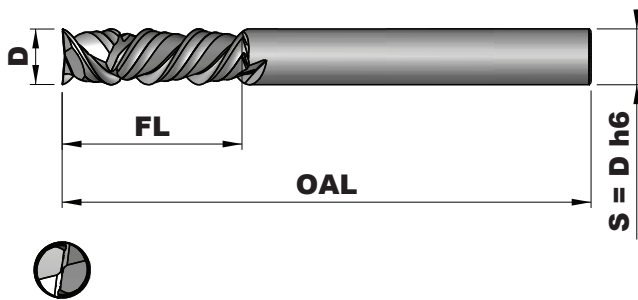
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

VHP 2 flutes herringbone router

Compression router – Solid carbide

1/1

**Application:**

Very high performance router for nomex and aluminium honeycomb on CNC machine. Well adapted for big material removal rate, and high feed rate. Excellent surface finish obtained and good cut of honeycomb. Very good result in Aramid (Kevlar) machining.

Tool geometry:

2 flutes
High Herringbone helix – Right hand cut

Tool material:

Solid carbide

For:

Aluminium honeycomb, Fiberglass, Nomex honeycomb, Kevlar

D		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
.1181	3	2	.374	9.5	1.4961	38	○ 1CM4A001
1/8 (.125)	3.175	-	-	-	-	-	○ 1CM4A002
.1575	4	-	.5512	14	1.9685	50	○ 1CM4A003
.2362	6	-	.7087	18	2.6772	68	● 1CM4A004
1/4 (.25)	6,35	-	.748	19	2.9921	76	● 1CM4A005
.315	8	-	.9449	24	2.9134	74	● 1CM4A006
3/8 (.375)	9,525	-	.748	19	2.9921	76	○ 1CM4A007
-	-	-	2.0079	51	4.0157	102	○ 1CM4A008
.3937	10	-	1.1811	30	3.1496	80	● 1CM4A009
.4724	12	-	1.4173	36	3.3858	86	● 1CM4A010
1/2 (.5)	12,7	-	.9843	25	2.9921	76	● 1CM4A011
-	-	-	2.0079	51	4.0157	102	○ 1CM4A012

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

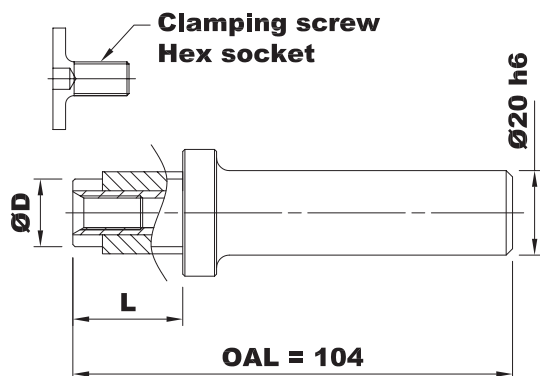
Machining tools

Toolholder for cutters 1CD, 1CG and 1CH
with bore

1ZA Toolholder for cutters item 1CD, 1CG and 1CH with bore
Cemented and hardened steel

50

Toolholder for cutters 1CD, 1CG and 1CH Cemented and hardened steel



Application:

Toolholder designed to assemble hoggers 1CD with cutters 1CG or 1CH.

Tool material:

Cemented and hardened steel

For hogger	D		L		Item
	inch	mm	inch	mm	
1CD1C001	.5118	13	.7087	18	● 1ZA0A001
1CD1C002	-	-	1.2205	31	● 1ZA0A002
1CD1C003	.6299	16	.7087	18	● 1ZA0A003
1CD1C004	-	-	1.2205	31	● 1ZA0A004

● stored products ○ not stored products

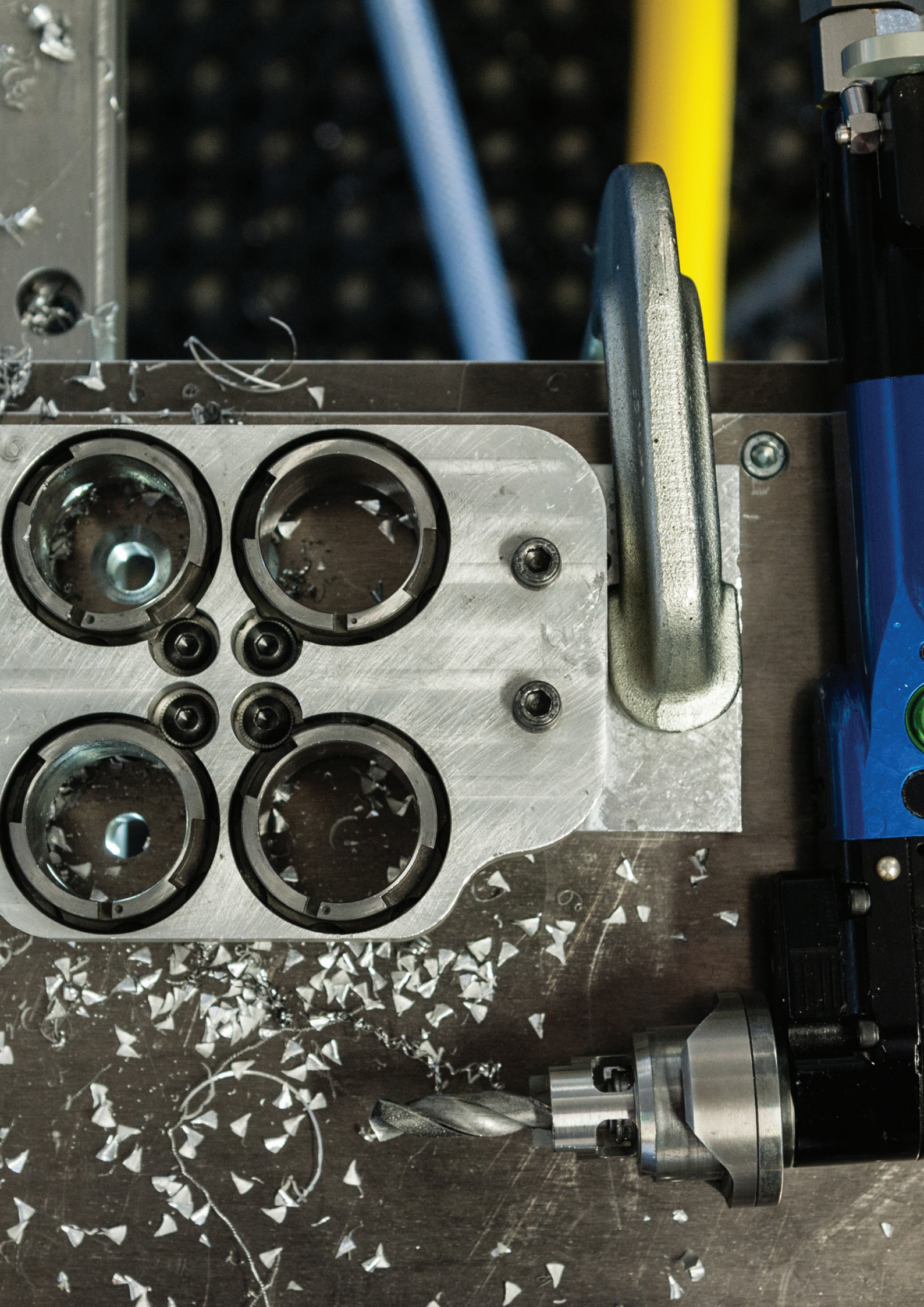
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Assembly tools





Assembly tools

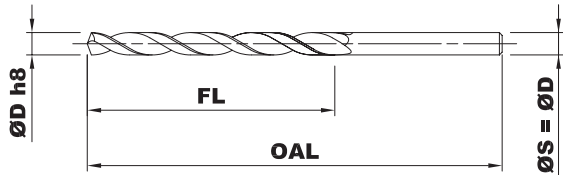
Drills

2AA	DIN338 Jobber drill <i>HSS-E 5% Co and solid carbide</i>		56
2AJ	Carbide Jobber drill <i>20° helix – Solid carbide</i>		64
2AB	Aircraft extension drill 6” <i>HSS</i>		68
2AC	Aircraft extension drill 12” <i>HSS</i>		69
2AD	Drill for offset angle drill 10-32 UNF <i>HSS</i>		70
2AE	Drill for offset angle drill 1/4-28 UNF <i>HSS</i>		71
2AF	Kevlar drill <i>Solid carbide</i>		73
2AG	Drill/reamer ogival tip 3 flutes <i>Solid carbide</i>		74
2AH	Drill/reamer tapered tip 4 flutes <i>Solid Carbide</i>		75
2AL	Double flute step drill <i>Solid carbide</i>		76
2AK	Double flute step drill <i>Solid carbide</i>		77

DIN338 Jobber drill

Type N – HSS-E 5% Co

1/8

**Application:**

Drilling of all materials with a tensile strength lower than 1000N/mm².

Tool geometry:

Right hand spiral 30°
Right hand cut
Point angle 118° form A

Tool material:

High speed steel 5% Co (M35)

For:

Aluminium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
3/32 (.0938)	2.38	1.1811	30	2.2441	57	● 2AA1A001
.0945	2.4	-	-	-	-	● 2AA1A002
#41 (.096)	2.44	-	-	-	-	● 2AA1A003
#40 (.098)	2.49	-	-	-	-	● 2AA1A004
.0984	2.5	-	-	-	-	● 2AA1A005
#39 (.0995)	2.53	-	-	-	-	● 2AA1A006
#38 (.1015)	2.58	-	-	-	-	● 2AA1A007
.1024	2.6	-	-	-	-	● 2AA1A008
#37 (.104)	2.64	-	-	-	-	● 2AA1A009
#36 (.1065)	2.71	1.2992	33	2.4016	61	● 2AA1A010
7/64 (.1094)	2.78	-	-	-	-	● 2AA1A011
#35 (.11)	2.79	-	-	-	-	● 2AA1A012
.1102	2.8	-	-	-	-	● 2AA1A013
#34 (.111)	2.82	-	-	-	-	● 2AA1A014
#33 (.113)	2.87	-	-	-	-	● 2AA1A015
.1142	2.9	-	-	-	-	● 2AA1A016
#32 (.116)	2.95	-	-	-	-	● 2AA1A017
.1181	3	-	-	-	-	● 2AA1A018
#31 (.12)	3.05	1.4173	36	2.5591	65	● 2AA1A019
.122	3.1	-	-	-	-	● 2AA1A020
1/8 (.125)	3.17	-	-	-	-	● 2AA1A021
.126	3.2	-	-	-	-	● 2AA1A022
#30 (.1285)	3.26	-	-	-	-	● 2AA1A023
.1299	3.3	-	-	-	-	● 2AA1A024
.1339	3.4	1.5354	39	2.7559	70	● 2AA1A025
#29 (.136)	3.45	-	-	-	-	● 2AA1A026
.1378	3.5	-	-	-	-	● 2AA1A027
#28 (.1405)	3.569	-	-	-	-	● 2AA1A028
9/64 (.1406)	3.57	-	-	-	-	● 2AA1A029
.1417	3.6	-	-	-	-	● 2AA1A030
#27 (.144)	3.66	-	-	-	-	● 2AA1A031
.1457	3.7	-	-	-	-	● 2AA1A032
#26 (.147)	3.73	-	-	-	-	● 2AA1A033
#25 (.1495)	3.797	1.6929	43	2.9528	75	● 2AA1A034
.1496	3.8	-	-	-	-	● 2AA1A035
#24 (.152)	3.86	-	-	-	-	● 2AA1A036
.1535	3.9	-	-	-	-	● 2AA1A037
#23 (.154)	3.91	-	-	-	-	● 2AA1A038
5/32 (.1563)	3.97	-	-	-	-	● 2AA1A039

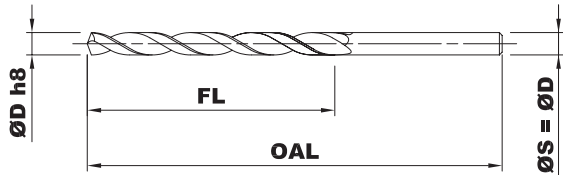
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DIN338 Jobber drill

Type N – HSS-E 5% Co

**Application:**

Drilling of all materials with a tensile strength lower than 1000N/mm².

Tool geometry:

Right hand spiral 30°
Right hand cut
Point angle 118° form A

Tool material:

High speed steel 5% Co (M35)

For:

Aluminium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
#22 (.157)	3.99	1.6929	43	2.9528	75	● 2AA1A040
.1575	4	-	-	-	-	● 2AA1A041
#21 (.159)	4.04	-	-	-	-	● 2AA1A042
#20 (.161)	4.09	-	-	-	-	● 2AA1A043
.1614	4.1	-	-	-	-	● 2AA1A044
.1654	4.2	-	-	-	-	● 2AA1A045
#19 (.166)	4.22	-	-	-	-	● 2AA1A046
.1693	4.3	1.8504	47	3.1496	80	● 2AA1A047
#18 (.1695)	4.31	-	-	-	-	○ 2AA1A048
11/64 (.1719)	4.37	-	-	-	-	● 2AA1A049
#17 (.173)	4.39	-	-	-	-	● 2AA1A050
.1732	4.4	-	-	-	-	● 2AA1A051
#16 (.177)	4.496	-	-	-	-	● 2AA1A052
.1772	4.5	-	-	-	-	● 2AA1A053
#15 (.18)	4.57	-	-	-	-	● 2AA1A054
.1811	4.6	-	-	-	-	● 2AA1A055
#14 (.182)	4.62	-	-	-	-	● 2AA1A056
#13 (.185)	4.7	-	-	-	-	● 2AA1A057
3/16 (.1875)	4.76	2.0472	52	3.3858	86	● 2AA1A058
#12 (.189)	4.8	-	-	-	-	● 2AA1A059
#11 (.191)	4.85	-	-	-	-	● 2AA1A060
.1929	4.9	-	-	-	-	● 2AA1A061
#10 (.1935)	4.92	-	-	-	-	● 2AA1A062
#9 (.196)	4.98	-	-	-	-	● 2AA1A063
.1969	5	-	-	-	-	● 2AA1A064
#8 (.199)	5.06	-	-	-	-	● 2AA1A065
.2008	5.1	-	-	-	-	● 2AA1A066
#7 (.201)	5.11	-	-	-	-	● 2AA1A067
13/64 (.2031)	5.16	-	-	-	-	● 2AA1A068
#6 (.204)	5.18	-	-	-	-	● 2AA1A069
.2047	5.2	-	-	-	-	● 2AA1A070
#5 (.2055)	5.22	-	-	-	-	● 2AA1A071
.2087	5.3	-	-	-	-	● 2AA1A072
#4 (.209)	5.31	-	-	-	-	● 2AA1A073
.2126	5.4	2.2441	57	3.6614	93	● 2AA1A074
#3 (.213)	5.41	-	-	-	-	● 2AA1A075
.2165	5.5	-	-	-	-	● 2AA1A076
7/32 (.2188)	5.56	-	-	-	-	● 2AA1A077
.2205	5.6	-	-	-	-	● 2AA1A078

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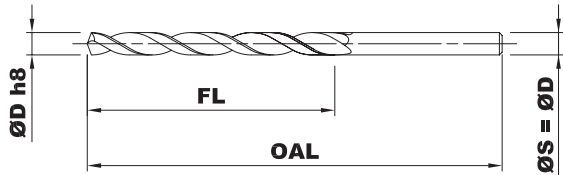
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DIN338 Jobber drill

Type N – HSS-E 5% Co

3/8

**Application:**

Drilling of all materials with a tensile strength lower than 1000N/mm².

Tool geometry:

Right hand spiral 30°
Right hand cut
Point angle 118° form A

Tool material:

High speed steel 5% Co (M35)

For:

Aluminium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
#2 (.221)	5.61	2.2441	57	3.6614	93	● 2AA1A079
.2244	5.7	-	-	-	-	● 2AA1A080
#1 (.228)	5.79	-	-	-	-	● 2AA1A081
.2283	5.8	-	-	-	-	● 2AA1A082
.2323	5.9	-	-	-	-	● 2AA1A083
15/64 (.2344)	5.95	-	-	-	-	● 2AA1A084
.2362	6	-	-	-	-	● 2AA1A085
.2402	6.1	2.4803	63	3.9764	101	● 2AA1A086
.2441	6.2	-	-	-	-	● 2AA1A087
.248	6.3	-	-	-	-	● 2AA1A088
1/4 (.25)	6.35	-	-	-	-	● 2AA1A089
.252	6.4	-	-	-	-	● 2AA1A090
.2559	6.5	-	-	-	-	● 2AA1A091
.2598	6.6	-	-	-	-	● 2AA1A092
.2638	6.7	-	-	-	-	● 2AA1A093
17/64 (.2656)	6.75	2.7165	69	4.2913	109	● 2AA1A094
.2677	6.8	-	-	-	-	● 2AA1A095
.2717	6.9	-	-	-	-	● 2AA1A096
.2756	7	-	-	-	-	● 2AA1A097
.2795	7.1	-	-	-	-	● 2AA1A098
9/32 (.2813)	7.14	-	-	-	-	● 2AA1A099
.2835	7.2	-	-	-	-	● 2AA1A100
.2874	7.3	-	-	-	-	● 2AA1A101
.2913	7.4	-	-	-	-	● 2AA1A102
.2953	7.5	-	-	-	-	● 2AA1A103
19/64 (.2969)	7.54	2.9528	75	4.6063	117	● 2AA1A104
.2992	7.6	-	-	-	-	● 2AA1A105
.3031	7.7	-	-	-	-	● 2AA1A106
.3071	7.8	-	-	-	-	● 2AA1A107
.311	7.9	-	-	-	-	● 2AA1A108
5/16 (.3125)	7.94	-	-	-	-	● 2AA1A109
.315	8	-	-	-	-	● 2AA1A110
.3189	8.1	-	-	-	-	● 2AA1A111
.3228	8.2	-	-	-	-	● 2AA1A112
.3268	8.3	-	-	-	-	● 2AA1A113
21/64 (.3281)	8.33	-	-	-	-	● 2AA1A114
.3307	8.4	-	-	-	-	● 2AA1A115
.3346	8.5	-	-	-	-	● 2AA1A116
11/32 (.3438)	8.73	3.189	81	4.9213	125	● 2AA1A117

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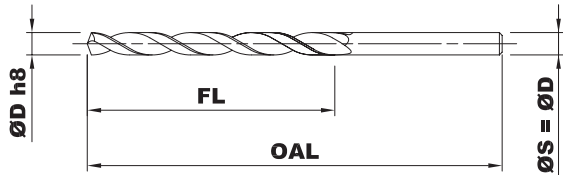
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DIN338 Jobber drill

Type N – HSS-E 5% Co

4/8

**Application:**

Drilling of all materials with a tensile strength lower than 1000N/mm².

Tool geometry:

Right hand spiral 30°
Right hand cut
Point angle 118° form A

Tool material:

High speed steel 5% Co (M35)

For:

Aluminium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.3543	9	3.189	81	4.9213	125	● 2AA1A118
23/64 (.3594)	9.13	-	-	-	-	● 2AA1A119
.374	9.5	-	-	-	-	● 2AA1A120
3/8 (.375)	9.52	3.4252	87	5.2362	133	● 2AA1A121
25/64 (.3906)	9.92	-	-	-	-	● 2AA1A122
.3937	10	-	-	-	-	● 2AA1A123

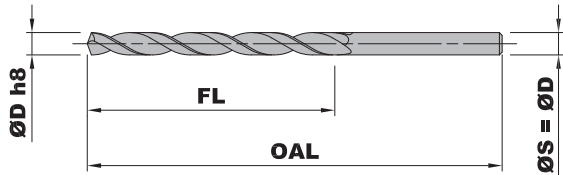
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DIN338 Jobber drill

Type N – Solid carbide

**Application:**

Drilling of all materials.

Tool geometry:

Right hand spiral 30°

Right hand cut

Point angle 118° form A

Tool material:

Solid carbide

For:

Aluminium, Titanium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.0394	1	.4724	12	1.3386	34	● 2AA4A001
.0433	1.1	.5512	14	1.4173	36	● 2AA4A002
.0472	1.2	.6299	16	1.4961	38	● 2AA4A003
.0512	1.3	-	-	-	-	● 2AA4A004
.0551	1.4	.7087	18	1.5748	40	● 2AA4A005
.0591	1.5	-	-	-	-	● 2AA4A006
.063	1.6	.7874	20	1.6929	43	● 2AA4A007
.0669	1.7	-	-	-	-	● 2AA4A008
.0709	1.8	.8661	22	1.811	46	● 2AA4A009
.0748	1.9	-	-	-	-	● 2AA4A010
.0787	2	.9449	24	1.9291	49	● 2AA4A011
.0827	2.1	-	-	-	-	● 2AA4A012
.0866	2.2	1.063	27	2.0866	53	● 2AA4A013
.0906	2.3	-	-	-	-	● 2AA4A014
.0945	2.4	1.1811	30	2.2441	57	● 2AA4A015
.0984	2.5	-	-	-	-	● 2AA4A016
.1024	2.6	-	-	-	-	● 2AA4A017
.1063	2.7	1.2992	33	2.4016	61	● 2AA4A018
.1102	2.8	-	-	-	-	● 2AA4A020
.1142	2.9	-	-	-	-	● 2AA4A021
.1181	3	-	-	-	-	● 2AA4A022
.122	3.1	1.4173	36	2.5591	65	● 2AA4A023
.126	3.2	-	-	-	-	● 2AA4A024
.1299	3.3	-	-	-	-	● 2AA4A025
.1339	3.4	1.5354	39	2.7559	70	● 2AA4A026
.1378	3.5	-	-	-	-	● 2AA4A027
.1417	3.6	-	-	-	-	● 2AA4A028
.1457	3.7	-	-	-	-	● 2AA4A029
.1496	3.8	1.6929	43	2.9528	75	● 2AA4A030
.1535	3.9	-	-	-	-	● 2AA4A031
.1575	4	-	-	-	-	● 2AA4A032
.1614	4.1	-	-	-	-	● 2AA4A033
.1654	4.2	-	-	-	-	● 2AA4A034
.1693	4.3	1.8504	47	3.1496	80	● 2AA4A035
.1732	4.4	-	-	-	-	● 2AA4A036
#16 (.1772)	4.5	-	-	-	-	● 2AA4A037
.1811	4.6	-	-	-	-	● 2AA4A038
#13 (.185)	4.7	-	-	-	-	● 2AA4A039

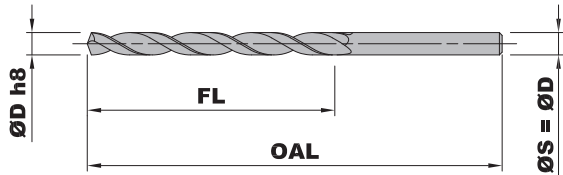
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DIN338 Jobber drill

Type N – Solid carbide

**Application:**

Drilling of all materials.

Tool geometry:

Right hand spiral 30°
 Right hand cut
 Point angle 118° form A

Tool material:

Solid carbide

For:

Aluminium, Titanium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
#12 (.189)	4.8	2.0472	52	3.3858	86	● 2AA4A040
.1929	4.9	-	-	-	-	● 2AA4A041
.1969	5	-	-	-	-	● 2AA4A042
.2008	5.1	-	-	-	-	● 2AA4A043
.2047	5.2	-	-	-	-	● 2AA4A044
.2087	5.3	-	-	-	-	● 2AA4A045
.2126	5.4	2.2441	57	3.6614	93	● 2AA4A046
.2165	5.5	-	-	-	-	● 2AA4A047
.2205	5.6	-	-	-	-	● 2AA4A048
.2244	5.7	-	-	-	-	● 2AA4A049
.2283	5.8	-	-	-	-	● 2AA4A050
.2323	5.9	-	-	-	-	● 2AA4A051
.2362	6	-	-	-	-	● 2AA4A052
.2402	6.1	2.4803	63	3.9764	101	● 2AA4A053
.2441	6.2	-	-	-	-	● 2AA4A054
.248	6.3	-	-	-	-	● 2AA4A055
.252	6.4	-	-	-	-	● 2AA4A056
.2559	6.5	-	-	-	-	● 2AA4A057
.2598	6.6	-	-	-	-	● 2AA4A058
.2638	6.7	-	-	-	-	● 2AA4A059
.2677	6.8	2.7165	69	4.2913	109	● 2AA4A060
.2717	6.9	-	-	-	-	● 2AA4A061
.2756	7	-	-	-	-	● 2AA4A062
.2795	7.1	-	-	-	-	● 2AA4A063
.2835	7.2	-	-	-	-	● 2AA4A064
.2874	7.3	-	-	-	-	● 2AA4A065
.2913	7.4	-	-	-	-	● 2AA4A066
.2953	7.5	-	-	-	-	● 2AA4A067
.2992	7.6	2.9528	75	4.6063	117	● 2AA4A068
.3031	7.7	-	-	-	-	● 2AA4A069
.3071	7.8	-	-	-	-	● 2AA4A070
.311	7.9	-	-	-	-	● 2AA4A071
.315	8	-	-	-	-	● 2AA4A072
.3189	8.1	-	-	-	-	● 2AA4A073
.3228	8.2	-	-	-	-	● 2AA4A074
.3268	8.3	-	-	-	-	● 2AA4A075
.3307	8.4	-	-	-	-	● 2AA4A076
.3346	8.5	-	-	-	-	● 2AA4A077

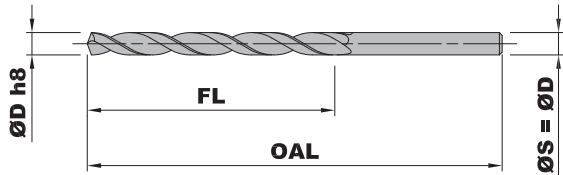
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DIN338 Jobber drill

Type N – Solid carbide

**Application:**

Drilling of all materials.

Tool geometry:

Right hand spiral 30°
 Right hand cut
 Point angle 118° form A

Tool material:

Solid carbide

For:

Aluminium, Titanium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.3386	8.6	3.189	81	4.9213	125	● 2AA4A078
.3425	8.7	-	-	-	-	● 2AA4A079
.3465	8.8	-	-	-	-	● 2AA4A080
.3504	8.9	-	-	-	-	● 2AA4A081
.3543	9	-	-	-	-	● 2AA4A082
.3583	9.1	-	-	-	-	● 2AA4A083
.3622	9.2	-	-	-	-	● 2AA4A084
.3661	9.3	-	-	-	-	● 2AA4A085
.3701	9.4	-	-	-	-	● 2AA4A086
.374	9.5	-	-	-	-	● 2AA4A087
.378	9.6	3.4252	87	5.2362	133	● 2AA4A088
.3819	9.7	-	-	-	-	● 2AA4A089
.3858	9.8	-	-	-	-	● 2AA4A090
.3898	9.9	-	-	-	-	● 2AA4A091
.3937	10	-	-	-	-	● 2AA4A092
.3976	10.1	-	-	-	-	○ 2AA4A093
.4016	10.2	-	-	-	-	● 2AA4A094
.4055	10.3	-	-	-	-	● 2AA4A095
.4094	10.4	-	-	-	-	○ 2AA4A096
.4134	10.5	-	-	-	-	● 2AA4A097
.4173	10.6	-	-	-	-	○ 2AA4A098
.4213	10.7	3.7008	94	5.5906	142	○ 2AA4A099
.4252	10.8	-	-	-	-	○ 2AA4A100
.4291	10.9	-	-	-	-	○ 2AA4A101
.4331	11	-	-	-	-	● 2AA4A102
.437	11.1	-	-	-	-	○ 2AA4A103
.4409	11.2	-	-	-	-	○ 2AA4A104
.4449	11.3	-	-	-	-	○ 2AA4A105
.4488	11.4	-	-	-	-	○ 2AA4A106
.4528	11.5	-	-	-	-	● 2AA4A107
.4567	11.6	-	-	-	-	○ 2AA4A108
.4606	11.7	-	-	-	-	○ 2AA4A109
.4646	11.8	-	-	-	-	○ 2AA4A110
.4685	11.9	3.9764	101	5.9449	151	○ 2AA4A111
.4724	12	-	-	-	-	● 2AA4A112
.4764	12.1	-	-	-	-	○ 2AA4A113
.4803	12.2	-	-	-	-	○ 2AA4A114
.4843	12.3	-	-	-	-	● 2AA4A115
.4882	12.4	-	-	-	-	○ 2AA4A116

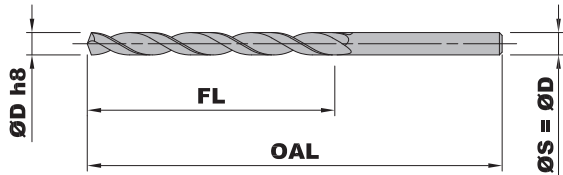
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.

DIN338 Jobber drill

Type N – Solid carbide

**Application:**

Drilling of all materials.

Tool geometry:

Right hand spiral 30°
Right hand cut
Point angle 118° form A

Tool material:

Solid carbide

For:

Aluminium, Titanium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.4921	12.5	3.9764	101	5.9449	151	○ 2AA4A117
.4961	12.6	-	-	-	-	○ 2AA4A118
1/2 (.5)	12.7	-	-	-	-	● 2AA4A119
.5039	12.8	-	-	-	-	○ 2AA4A120
.5079	12.9	-	-	-	-	○ 2AA4A121
.5118	13	-	-	-	-	○ 2AA4A122

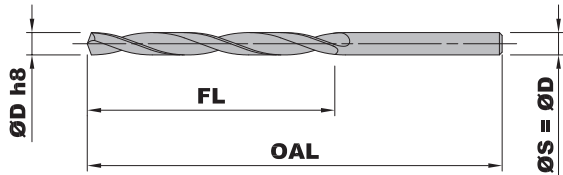
● stored products ○ not stored products

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Carbide Jobber drill

20° helix – type N – Solid carbide



Application:

Drilling of all materials.
The small helix is ideal for manual drilling. It allows a better comfort for the operators thanks to a reduced material engagement of the tool, especially from pre-holes.

Tool geometry:

Right hand spiral 20°
Right hand cut
Point angle 118° form A

Tool material:

Solid carbide

For:

Aluminium, Titanium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.0394	1	.6299	16	1.4961	38	● 2AJ4A001
.0433	1.1	.748	19	-	-	● 2AJ4A002
.0472	1.2	-	-	-	-	● 2AJ4A003
.0512	1.3	-	-	-	-	● 2AJ4A004
.0551	1.4	-	-	-	-	● 2AJ4A005
.0591	1.5	-	-	-	-	● 2AJ4A006
.063	1.6	-	-	-	-	● 2AJ4A007
.0669	1.7	-	-	-	-	● 2AJ4A008
.0709	1.8	.8661	22	1.7717	45	● 2AJ4A009
.0748	1.9	-	-	-	-	● 2AJ4A010
.0787	2	-	-	-	-	● 2AJ4A011
.0827	2.1	-	-	-	-	● 2AJ4A012
.0866	2.2	.9843	25	2.0079	51	● 2AJ4A013
.0906	2.3	-	-	-	-	● 2AJ4A014
3/32 (.0938)	2.38	-	-	-	-	● 2AJ4A015
.0945	2.4	-	-	-	-	● 2AJ4A016
.0984	2.5	-	-	-	-	● 2AJ4A017
.1024	2.6	1.2598	32	2.2441	57	● 2AJ4A018
.1063	2.7	-	-	-	-	● 2AJ4A019
7/64 (.1094)	2.78	-	-	-	-	● 2AJ4A020
.1102	2.8	-	-	-	-	● 2AJ4A021
.1142	2.9	-	-	-	-	● 2AJ4A022
.1181	3	-	-	-	-	● 2AJ4A023
.122	3.1	-	-	-	-	● 2AJ4A024
1/8 (.125)	3.18	-	-	-	-	● 2AJ4A025
.126	3.2	-	-	-	-	● 2AJ4A026
.1299	3.3	-	-	-	-	● 2AJ4A027
.1339	3.4	1.378	35	2.5197	64	● 2AJ4A028
.1378	3.5	-	-	-	-	● 2AJ4A029
9/64 (.1406)	3.57	-	-	-	-	● 2AJ4A030
.1417	3.6	-	-	-	-	● 2AJ4A031
.1457	3.7	-	-	-	-	● 2AJ4A032
.1496	3.8	-	-	-	-	● 2AJ4A033
.1535	3.9	-	-	-	-	● 2AJ4A034
5/32 (.1563)	3.97	-	-	-	-	● 2AJ4A035
.1575	4	-	-	-	-	● 2AJ4A036
.1614	4.1	-	-	-	-	● 2AJ4A037
.1654	4.2	1.6142	41	2.7559	70	● 2AJ4A038
.1693	4.3	-	-	-	-	● 2AJ4A039

● stored products ○ not stored products

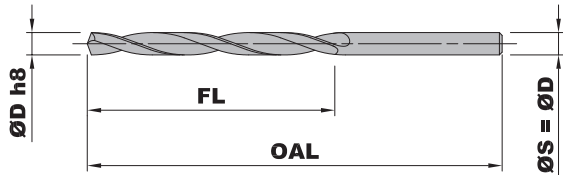
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Carbide Jobber drill

20° helix – type N – Solid carbide



Application:

Drilling of all materials.
The small helix is ideal for manual drilling. It allows a better comfort for the operators thanks to a reduced material engagement of the tool, especially from pre-holes.

Tool geometry:

Right hand spiral 20°
Right hand cut
Point angle 118° form A

Tool material:

Solid carbide

For:

Aluminium, Titanium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
11/64 (.1719)	4.37	1.6142	41	2.7559	70	● 2AJ4A040
.1732	4.4	-	-	-	-	● 2AJ4A041
.1772	4.5	-	-	-	-	● 2AJ4A042
.1811	4.6	-	-	-	-	● 2AJ4A043
#13 (.185)	4.7	-	-	-	-	● 2AJ4A044
3/16 (.1875)	4.76	-	-	-	-	● 2AJ4A045
#12 (.189)	4.8	-	-	-	-	● 2AJ4A046
.1929	4.9	-	-	-	-	● 2AJ4A047
.1969	5	1.7717	45	2.9921	76	● 2AJ4A048
.2008	5.1	-	-	-	-	● 2AJ4A049
.2047	5.2	-	-	-	-	● 2AJ4A050
.2087	5.3	-	-	-	-	● 2AJ4A051
.2126	5.4	-	-	-	-	● 2AJ4A052
.2165	5.5	-	-	-	-	● 2AJ4A053
.2205	5.6	-	-	-	-	● 2AJ4A054
.2244	5.7	-	-	-	-	● 2AJ4A055
.2283	5.8	-	-	-	-	● 2AJ4A056
.2323	5.9	2.0079	51	3.2677	83	● 2AJ4A057
.2362	6	-	-	-	-	● 2AJ4A058
.2402	6.1	-	-	-	-	● 2AJ4A059
.2441	6.2	-	-	-	-	● 2AJ4A060
.248	6.3	-	-	-	-	● 2AJ4A061
1/4 (.25)	6.35	-	-	-	-	● 2AJ4A062
.252	6.4	-	-	-	-	● 2AJ4A063
.2559	6.5	-	-	-	-	● 2AJ4A064
.2598	6.6	2.126	54	3.5039	89	● 2AJ4A065
.2638	6.7	-	-	-	-	● 2AJ4A066
.2677	6.8	-	-	-	-	● 2AJ4A067
.2717	6.9	-	-	-	-	● 2AJ4A068
.2756	7	-	-	-	-	● 2AJ4A069
.2795	7.1	-	-	-	-	● 2AJ4A070
9/64 (.1406)	3.57	-	-	-	-	● 2AJ4A071
.2835	7.2	-	-	-	-	● 2AJ4A072
.2874	7.3	-	-	-	-	● 2AJ4A073
.2913	7.4	-	-	-	-	● 2AJ4A074
.2953	7.5	2.3622	60	3.7402	95	● 2AJ4A075
.2992	7.6	-	-	-	-	● 2AJ4A076
.3031	7.7	-	-	-	-	● 2AJ4A077

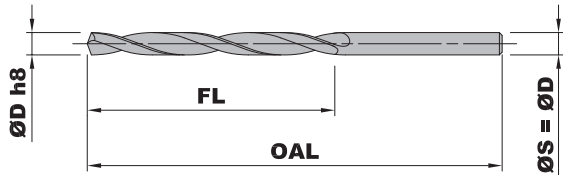
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.

Carbide Jobber drill

20° helix – type N – Solid carbide



Application:

Drilling of all materials.
The small helix is ideal for manual drilling. It allows a better comfort for the operators thanks to a reduced material engagement of the tool, especially from pre-holes.

Tool geometry:

Right hand spiral 20°
Right hand cut
Point angle 118° form A

Tool material:

Solid carbide

For:

Aluminium, Titanium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.3071	7.8	2.3622	60	3.7402	95	● 2AJ4A078
.311	7.9	-	-	-	-	● 2AJ4A079
5/16 (.3125)	7.94	-	-	-	-	● 2AJ4A080
.315	8	-	-	-	-	● 2AJ4A081
.3189	8.1	-	-	-	-	● 2AJ4A082
.3228	8.2	-	-	-	-	● 2AJ4A083
.3268	8.3	2.6378	67	4.0157	102	● 2AJ4A084
.3307	8.4	-	-	-	-	● 2AJ4A085
.3346	8.5	-	-	-	-	● 2AJ4A086
.3386	8.6	-	-	-	-	● 2AJ4A087
.3425	8.7	-	-	-	-	● 2AJ4A088
11/32 (.3438)	8.73	-	-	-	-	● 2AJ4A089
.3465	8.8	-	-	-	-	● 2AJ4A090
.3504	8.9	-	-	-	-	● 2AJ4A091
.3543	9	-	-	-	-	● 2AJ4A092
.3583	9.1	-	-	-	-	● 2AJ4A093
.3622	9.2	2.7559	70	4.252	108	● 2AJ4A094
.3661	9.3	-	-	-	-	● 2AJ4A095
.3701	9.4	-	-	-	-	● 2AJ4A096
.374	9.5	-	-	-	-	● 2AJ4A097
.378	9.6	-	-	-	-	● 2AJ4A098
.3819	9.7	2.874	73	4.4882	114	● 2AJ4A099
.3858	9.8	-	-	-	-	● 2AJ4A100
.3898	9.9	-	-	-	-	● 2AJ4A101
.3937	10	-	-	-	-	● 2AJ4A102
.3976	10.1	-	-	-	-	● 2AJ4A103
.4016	10.2	-	-	-	-	● 2AJ4A104
.4055	10.3	-	-	-	-	● 2AJ4A105
.4094	10.4	-	-	-	-	● 2AJ4A106
.4134	10.5	-	-	-	-	● 2AJ4A107
.4173	10.6	-	-	-	-	● 2AJ4A108
.4213	10.7	-	-	-	-	● 2AJ4A109
.4252	10.8	-	-	-	-	● 2AJ4A110
.4291	10.9	-	-	-	-	● 2AJ4A111
.4331	11	-	-	-	-	● 2AJ4A112
.437	11.1	-	-	-	-	● 2AJ4A113
7/16 (.4375)	11.11	-	-	-	-	● 2AJ4A114
.4409	11.2	2.9921	76	4.7638	121	● 2AJ4A115
.4449	11.3	-	-	-	-	● 2AJ4A116

● stored products ○ not stored products

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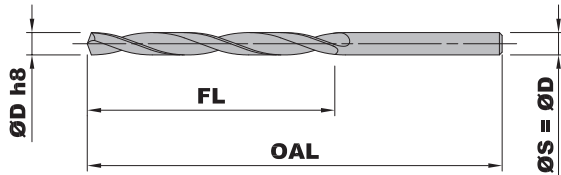
Please, contact us for any request at request@nexam.aero.



Carbide Jobber drill

20° helix – type N – Solid carbide

4/4

**Application:**

Drilling of all materials.

The small helix is ideal for manual drilling. It allows a better comfort for the operators thanks to a reduced material engagement of the tool, especially from pre-holes.

Tool geometry:

Right hand spiral 20°
Right hand cut
Point angle 118° form A

Tool material:

Solid carbide

For:

Aluminium, Titanium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
.4488	11.4	2.9921	76	4.7638	121	● 2AJ4A117
.4528	11.5	-	-	-	-	● 2AJ4A118
.4567	11.6	-	-	-	-	● 2AJ4A119
.4606	11.7	-	-	-	-	● 2AJ4A120
.4646	11.8	-	-	-	-	● 2AJ4A121
.4685	11.9	-	-	-	-	● 2AJ4A122
15/32 (.4688)	11.91	-	-	-	-	● 2AJ4A123
.4724	12	-	-	-	-	● 2AJ4A124
1/2 (.5)	12.7	-	-	-	-	● 2AJ4A125

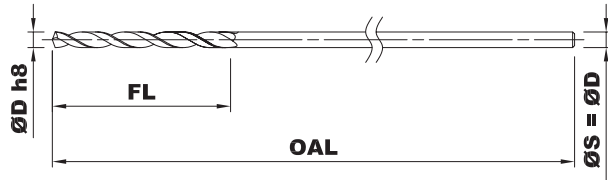
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.

Aircraft extension drill 6"

HSS

**Application:**

For drilling where accessibility or distant is a problem.

Tool geometry:

Right hand spiral 30°
Right hand cut
Point angle 135° form C

Tool material:

High speed steel (M2)

For:

Aluminium

D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
3/32 (.0938)	2.38	1.4567	37	6	152.4	● 2AB1A001
#40 (.098)	2.49	-	-	-	-	● 2AB1A002
.0984	2.5	-	-	-	-	● 2AB1A003
.1181	3	1.6535	42	-	-	● 2AB1A004
1/8 (.125)	3.17	-	-	-	-	● 2AB1A005
.126	3.2	-	-	-	-	● 2AB1A006
#30 (.1285)	3.26	-	-	-	-	● 2AB1A007
.1378	3.5	1.9291	49	-	-	● 2AB1A008
.1417	3.6	-	-	-	-	○ 2AB1A009
#27 (.144)	3.66	-	-	-	-	○ 2AB1A010
5/32 (.1563)	3.97	2.1654	55	-	-	● 2AB1A011
.1575	4	-	-	-	-	● 2AB1A012
#21 (.159)	4.04	-	-	-	-	● 2AB1A013
#20 (.161)	4.09	-	-	-	-	● 2AB1A014
#16 (.177)	4.5	2.3622	60	-	-	● 2AB1A015
#13 (.185)	4.7	-	-	-	-	○ 2AB1A016
3/16 (.1875)	4.76	2.5	63.5	-	-	● 2AB1A017
#12 (.189)	4.8	-	-	-	-	● 2AB1A018
#11 (.191)	4.85	-	-	-	-	● 2AB1A019
#10 (.1935)	4.92	-	-	-	-	● 2AB1A020
.1969	5	-	-	-	-	● 2AB1A021
#8 (.199)	5.06	-	-	-	-	○ 2AB1A022
7/32 (.2188)	5.56	2.6969	68.5	-	-	● 2AB1A023
.2205	5.6	-	-	-	-	○ 2AB1A024
.2362	6	2.9528	75	-	-	○ 2AB1A025
#D .246	6.25	-	-	-	-	● 2AB1A026
1/4 (.25)	6.35	-	-	-	-	● 2AB1A027
#F .257	6.53	-	-	-	-	● 2AB1A028
.2677	6.8	3.1496	80	-	-	● 2AB1A029
.2756	7	-	-	-	-	● 2AB1A030
.3031	7.7	3.5433	90	-	-	● 2AB1A031
5/16 (.3125)	7.94	-	-	-	-	● 2AB1A032
.315	8	-	-	-	-	● 2AB1A033
.3346	8.5	-	-	-	-	○ 2AB1A034

● stored products ○ not stored products

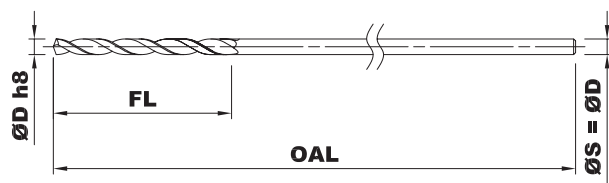
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Please, contact us for any request at request@nexam.aero.

Aircraft extension drill 12"

HSS

1/1

**Application:**

For drillings where accessibility or distant is a problem.

Tool geometry:

Right hand spiral 30°
Right hand cut
Point angle 135° form C

Tool material:

High speed steel (M2)

For:

Aluminium

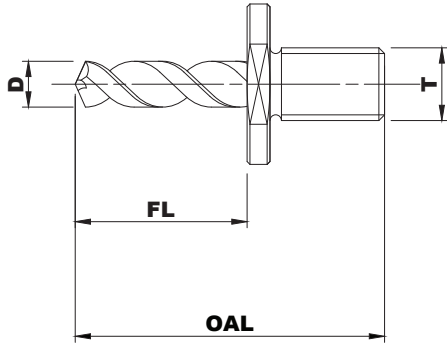
D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
3/32 (.0938)	2.38	1.4567	37	12	304.8	● 2AC1A001
#40 (.098)	2.49	-	-	-	-	● 2AC1A002
.0984	2.5	-	-	-	-	● 2AC1A003
.1181	3	1.6535	42	-	-	● 2AC1A004
1/8 (.125)	3.17	-	-	-	-	● 2AC1A005
.126	3.2	-	-	-	-	● 2AC1A006
#30 (.1285)	3.26	-	-	-	-	● 2AC1A007
.1378	3.5	1.9291	49	-	-	● 2AC1A008
9/64 (.1417)	3.57	-	-	-	-	● 2AC1A009
#27 (.144)	3.66	-	-	-	-	● 2AC1A010
5/32 (.1563)	3.97	2.1654	55	-	-	● 2AC1A011
.1575	4	-	-	-	-	● 2AC1A012
#21 (.159)	4.04	-	-	-	-	● 2AC1A013
#20 (.161)	4.09	-	-	-	-	● 2AC1A014
#16 (.177)	4.5	2.3622	60	-	-	● 2AC1A015
#13 (.185)	4.7	-	-	-	-	● 2AC1A016
3/16 (.1875)	4.76	2.5	63.5	-	-	● 2AC1A017
#12 (.189)	4.8	-	-	-	-	● 2AC1A018
#11 (.191)	4.85	-	-	-	-	● 2AC1A019
#10 (.1935)	4.92	-	-	-	-	● 2AC1A020
.1969	5	-	-	-	-	● 2AC1A021
#8 (.199)	5.06	-	-	-	-	● 2AC1A022
7/32 (.2188)	5.56	2.6969	68.5	-	-	● 2AC1A023
.2205	5.6	-	-	-	-	○ 2AC1A024
.2362	6	-	-	-	-	● 2AC1A025
#D .246	6.25	2.9528	75	-	-	● 2AC1A026
1/4 (.25)	6.35	-	-	-	-	● 2AC1A027
#F .257	6.53	-	-	-	-	● 2AC1A028
.2677	6.8	3.1496	80	-	-	● 2AC1A029
.2756	7	-	-	-	-	● 2AC1A030
.3031	7.7	3.5433	90	-	-	○ 2AC1A031
5/16 (.3125)	7.94	-	-	-	-	● 2AC1A032
.315	8	-	-	-	-	● 2AC1A033
.3346	8.5	-	-	-	-	○ 2AC1A034

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Drill for offset angle drill 10-32 UNF HSS

**Application:**

Drilling in difficult access area, to use with a 10-32 UNF offset angle drill.

Tool geometry:

Right hand spiral 30°
Right hand cut
Point angle 118° form A

Tool material:

High speed steel (M2)

For:

Aluminium

D		FL		OAL		T	Item
inch	mm	inch	mm	inch	mm		
.0787	2	.4724	12	.8071	20.5	10-32 UNF	● 2AD1A001
3/32 (.0938)	2.381	-	-	-	-	-	● 2AD1A002
#40 (.098)	2.489	-	-	-	-	-	○ 2AD1A003
.0984	2.5	-	-	-	-	-	● 2AD1A004
.1181	3	-	-	-	-	-	● 2AD1A005
1/8 (.125)	3.175	-	-	-	-	-	○ 2AD1A006
.126	3.2	-	-	-	-	-	● 2AD1A007
#30 (.1285)	3.264	-	-	-	-	-	○ 2AD1A008
.1378	3.5	-	-	-	-	-	○ 2AD1A009
9/64 (.1406)	3.572	-	-	-	-	-	○ 2AD1A010
.1417	3.6	-	-	-	-	-	○ 2AD1A011
#27 (.144)	3.658	-	-	-	-	-	○ 2AD1A012
5/32 (.1563)	3.969	-	-	-	-	-	○ 2AD1A013
.1575	4	-	-	-	-	-	● 2AD1A014
#21 (.159)	4.039	-	-	-	-	-	○ 2AD1A015
#20 (.161)	4.089	-	-	-	-	-	● 2AD1A016
#16 (.177)	4.496	-	-	-	-	-	○ 2AD1A017
#13 (.185)	4.699	-	-	-	-	-	○ 2AD1A018
3/16 (.1875)	4.763	-	-	-	-	-	○ 2AD1A019
#12 (.189)	4.801	-	-	-	-	-	● 2AD1A020
#11 (.191)	4.851	-	-	-	-	-	○ 2AD1A021
#10 (.1935)	4.915	-	-	-	-	-	○ 2AD1A022
.1969	5	-	-	-	-	-	○ 2AD1A023
#8 (.199)	5.055	-	-	-	-	-	○ 2AD1A024
7/32 (.2188)	5.556	-	-	-	-	-	○ 2AD1A025
.2205	5.6	-	-	-	-	-	○ 2AD1A026

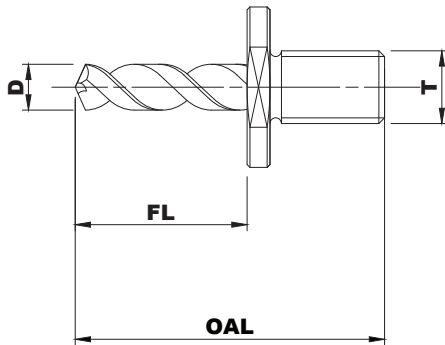
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Drill for offset angle drill 1/4-28 UNF

HSS

**Application:**

Drilling in difficult access area, to use with a 1/4-28 UNF offset angle.

Tool geometry:

Right hand spiral 30°
Right hand cut
Point angle 118° form A

Tool material:

High speed steel (M2)

For:

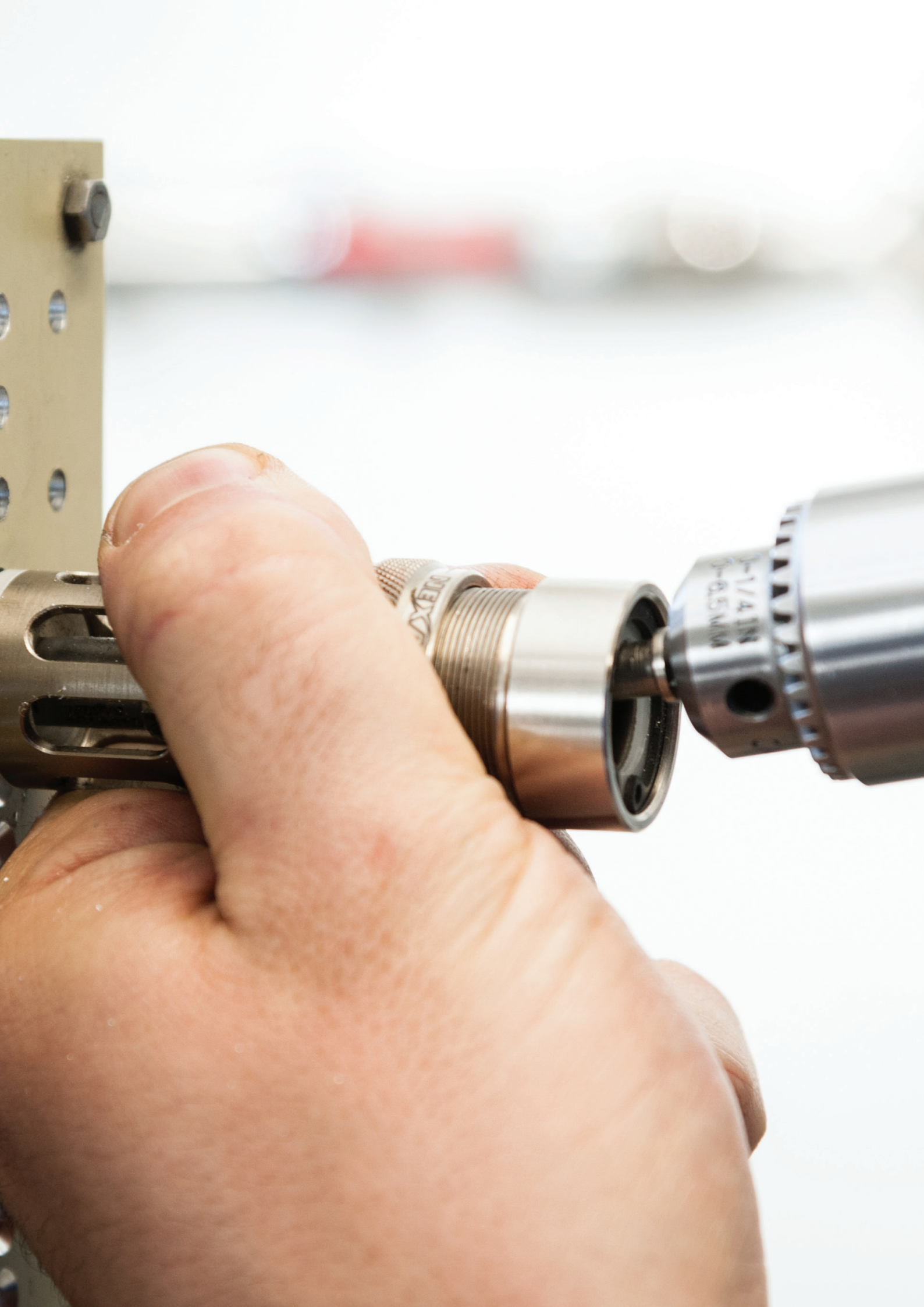
Aluminium

D		FL		OAL		T	Item
inch	mm	inch	mm	inch	mm		
.0787	2	.4724	12	.8071	20.5	1/4-28 UNF	<input type="radio"/> 2AE1A001
3/32 (.0938)	2.381	-	-	-	-	-	<input checked="" type="radio"/> 2AE1A002
#40 (.098)	2.489	-	-	-	-	-	<input type="radio"/> 2AE1A003
.0984	2.5	-	-	-	-	-	<input checked="" type="radio"/> 2AE1A004
.1181	3	-	-	-	-	-	<input checked="" type="radio"/> 2AE1A005
1/8 (.125)	3.175	-	-	-	-	-	<input type="radio"/> 2AE1A006
.126	3.2	-	-	-	-	-	<input checked="" type="radio"/> 2AE1A007
#30 (.1285)	3.264	-	-	-	-	-	<input checked="" type="radio"/> 2AE1A008
.1378	3.5	-	-	-	-	-	<input type="radio"/> 2AE1A009
9/64 (.1406)	3.572	-	-	-	-	-	<input type="radio"/> 2AE1A010
.1417	3.6	-	-	-	-	-	<input type="radio"/> 2AE1A011
#27 (.144)	3.658	-	-	-	-	-	<input type="radio"/> 2AE1A012
5/32 (.1563)	3.969	-	-	-	-	-	<input type="radio"/> 2AE1A013
.1575	4	-	-	-	-	-	<input checked="" type="radio"/> 2AE1A014
#21 (.159)	4.039	-	-	-	-	-	<input type="radio"/> 2AE1A015
#20 (.161)	4.089	-	-	-	-	-	<input type="radio"/> 2AE1A016
#16 (.177)	4.496	-	-	-	-	-	<input type="radio"/> 2AE1A017
#13 (.185)	4.699	-	-	-	-	-	<input type="radio"/> 2AE1A018
3/16 (.1875)	4.763	-	-	-	-	-	<input type="radio"/> 2AE1A019
#12 (.189)	4.801	-	-	-	-	-	<input checked="" type="radio"/> 2AE1A020
#11 (.191)	4.851	-	-	-	-	-	<input type="radio"/> 2AE1A021
#10 (.1935)	4.915	-	-	-	-	-	<input type="radio"/> 2AE1A022
.1969	5	-	-	-	-	-	<input checked="" type="radio"/> 2AE1A023
#8 (.199)	5.055	-	-	-	-	-	<input type="radio"/> 2AE1A024
7/32 (.2188)	5.556	-	-	-	-	-	<input type="radio"/> 2AE1A025
.2205	5.6	-	-	-	-	-	<input checked="" type="radio"/> 2AE1A026

stored products not stored products

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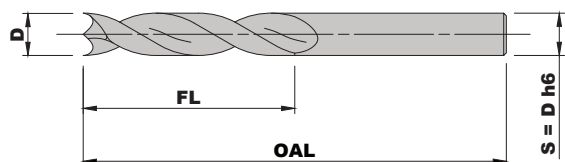
Please, contact us for any request at request@nexam.aero.



Kevlar drill

Solid carbide

1/1

**Application:**

Drilling of Kevlar and common composites. The 3 brads point eliminates any delamination and uncuted fibers.

Tool geometry:

Right hand spiral 28°
Right hand cut
3 brads point (W-drill point)
Centring point

Tool material:

Solid carbide

For:

Composite, Kevlar

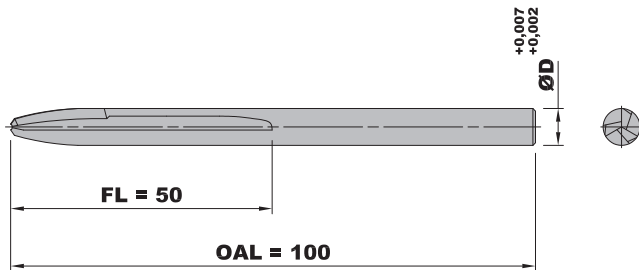
D		FL		OAL		Item
inch	mm	inch	mm	inch	mm	
#40 (.098)	2.489	.5512	14	1.7717	45	● 2AF4A001
.0984	2.5	-	-	-	-	● 2AF4A002
.1181	3	-	-	-	-	● 2AF4A003
1/8 (.125)	3.175	-	-	-	-	○ 2AF4A004
.126	3.2	-	-	-	-	● 2AF4A005
#30 (.1285)	3.264	-	-	-	-	● 2AF4A006
.1378	3.5	.7874	20	2.0866	53	● 2AF4A007
9/64 (.1406)	3.572	-	-	-	-	○ 2AF4A008
.1417	3.6	-	-	-	-	● 2AF4A009
#27 (.144)	3.658	-	-	-	-	○ 2AF4A010
5/32 (.1563)	3.969	-	-	-	-	○ 2AF4A011
.1575	4	-	-	-	-	● 2AF4A012
#21 (.159)	4.039	-	-	-	-	○ 2AF4A013
#20 (.161)	4.089	-	-	-	-	● 2AF4A014
#16 (.177)	4.496	-	-	-	-	● 2AF4A015
#13 (.185)	4.699	-	-	-	-	○ 2AF4A016
3/16 (.1875)	4.763	-	-	-	-	● 2AF4A017
#12 (.189)	4.8	1.0236	26	2.5197	64	● 2AF4A018
#11 (.191)	4.851	-	-	-	-	● 2AF4A019
#10 (.1935)	4.915	-	-	-	-	● 2AF4A020
.1969	5	-	-	-	-	● 2AF4A021
#8 (.199)	5.055	-	-	-	-	● 2AF4A022
.2047	5.2	-	-	-	-	● 2AF4A035
7/32 (.2188)	5.556	-	-	-	-	● 2AF4A023
.2205	5.6	-	-	-	-	● 2AF4A024
.2362	6	-	-	-	-	● 2AF4A025
#D .246	6.248	-	-	-	-	○ 2AF4A026
1/4 (.25)	6.35	-	-	-	-	● 2AF4A027
#F .257	6.528	-	-	-	-	● 2AF4A028
9/32 (.2813)	7.144	1.4567	37	3.1496	80	○ 2AF4A029
5/16 (.3125)	7.938	-	-	-	-	○ 2AF4A030
.315	8	-	-	-	-	● 2AF4A031
11/32 (.3438)	8.731	-	-	-	-	○ 2AF4A032
3/8 (.375)	9.525	-	-	-	-	○ 2AF4A033
.3937	10	-	-	-	-	● 2AF4A034

● stored products ○ not stored products

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Drill/reamer ogival tip 3 flutes Solid carbide



Application:

High accuracy drilling in composite materials.
The drill reamer ogival tip 3 flutes is designed for general purposes.

Tool geometry:

Straight flutes
Right hand cut
Ogival tip

Tool material:

Solid carbide

For:

Aluminium, Composite, Titanium

D		D		FL		OAL		Item		
inch mini	inch maxi	mm mini	mm maxi	inch	mm	inch	mm			
.0945	→ .1181	2.4	→ 3			1.9685	50	3.937	100	○ 2AG4A001
.1181	→ .1378	3.001	→ 3.5			-	-	-	-	○ 2AG4A002
.1378	→ .1575	3.501	→ 4			-	-	-	-	○ 2AG4A003
.1575	→ .1772	4.001	→ 4.5			-	-	-	-	○ 2AG4A004
.1772	→ .1969	4.501	→ 5			-	-	-	-	○ 2AG4A005
.1969	→ .2165	5.001	→ 5.5			-	-	-	-	○ 2AG4A006
.2166	→ .2362	5.501	→ 6			-	-	-	-	○ 2AG4A007
.2363	→ .2559	6.001	→ 6.5			-	-	-	-	○ 2AG4A008
.2559	→ .2756	6.501	→ 7			-	-	-	-	○ 2AG4A009
.2756	→ .2953	7.001	→ 7.5			-	-	-	-	○ 2AG4A010
.2953	→ .315	7.501	→ 8			-	-	-	-	○ 2AG4A011
.315	→ .3346	8.001	→ 8.5			-	-	-	-	○ 2AG4A012
.3347	→ .3543	8.501	→ 9			-	-	-	-	○ 2AG4A013
.3544	→ .374	9.001	→ 9.5			-	-	-	-	○ 2AG4A014
.3741	→ .3937	9.501	→ 10			-	-	-	-	○ 2AG4A015

FIXED DIMENSIONS

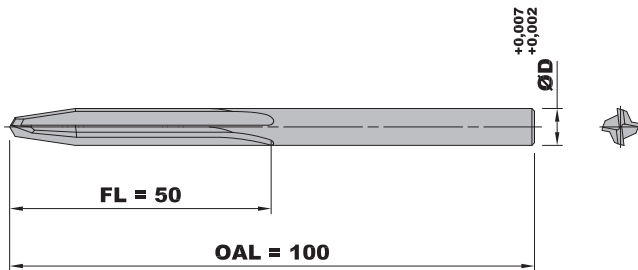
		.0984	2.5	1.9685	50	3.937	100	●	2AG4A250
		.126	3.2	-	-	-	-	●	2AG4A320
		.1299	3.3	-	-	-	-	●	2AG4A330
		.1535	3.9	-	-	-	-	●	2AG4A390
		.1575	4	-	-	-	-	●	2AG4A400
		.1614	4.1	-	-	-	-	●	2AG4A410
		.1626	4.13	-	-	-	-	●	2AG4A413
		.1638	4.16	-	-	-	-	●	2AG4A416
		.1654	4.2	-	-	-	-	●	2AG4A420
		.1693	4.3	-	-	-	-	●	2AG4A430
		.1772	4.5	-	-	-	-	●	2AG4A450
		.1811	4.6	-	-	-	-	●	2AG4A460
		#12 (.189)	4.8	-	-	-	-	●	2AG4A480
		.1896	4.815	-	-	-	-	●	2AG4A481
		.1898	4.82	-	-	-	-	●	2AG4A482
		.1945	4.94	-	-	-	-	●	2AG4A494
		.2008	5.1	-	-	-	-	●	2AG4A510
		.2047	5.2	-	-	-	-	●	2AG4A520
		.2205	5.6	-	-	-	-	●	2AG4A560
		.2362	6	-	-	-	-	●	2AG4A600
		.2441	6.2	-	-	-	-	●	2AG4A620
		1/4 (.25)	6.35	-	-	-	-	●	2AG4A635
		.2559	6.5	-	-	-	-	●	2AG4A650

● stored products ○ not stored products

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Drill/reamer tapered tip 4 flutes Solid carbide



Application:

High accuracy drilling in composite materials.
The drill reamer tapered tip 4 flutes is especially designed for low thicknesses.

Tool geometry:

Straight flutes
Right hand cut
Tapered tip

Tool material:

Solid carbide

For:

Aluminium, Composite, Titanium

D				D		FL		OAL		Item
inch mini	inch maxi	mm mini	mm maxi	inch	mm	inch	mm	inch	mm	
.0945	→ .1181	2.4	→ 3			1.9685	50	3.937	100	○ 2AH4A001
.1181	→ .1378	3.001	→ 3.5			-	-	-	-	○ 2AH4A002
.1378	→ .1575	3.501	→ 4			-	-	-	-	○ 2AH4A003
.1575	→ .1772	4.001	→ 4.5			-	-	-	-	○ 2AH4A004
.1772	→ .1969	4.501	→ 5			-	-	-	-	○ 2AH4A005
.1969	→ .2165	5.001	→ 5.5			-	-	-	-	○ 2AH4A006
.2166	→ .2362	5.501	→ 6			-	-	-	-	○ 2AH4A007
.2363	→ .2559	6.001	→ 6.5			-	-	-	-	○ 2AH4A008
.2559	→ .2756	6.501	→ 7			-	-	-	-	○ 2AH4A009
.2756	→ .2953	7.001	→ 7.5			-	-	-	-	○ 2AH4A010
.2953	→ .315	7.501	→ 8			-	-	-	-	○ 2AH4A011
.315	→ .3346	8.001	→ 8.5			-	-	-	-	○ 2AH4A012
.3347	→ .3543	8.501	→ 9			-	-	-	-	○ 2AH4A013
.3544	→ .374	9.001	→ 9.5			-	-	-	-	○ 2AH4A014
.3741	→ .3937	9.501	→ 10			-	-	-	-	○ 2AH4A015

FIXED DIMENSIONS

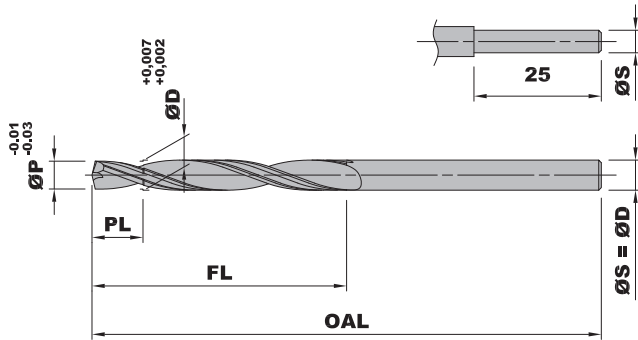
		.098	2.49	1.9685	50	3.937	100	● 2AH4A249
		.1272	3.23	-	-	-	-	● 2AH4A323
		.1642	4.17	-	-	-	-	● 2AH4A417
		.1902	4.83	-	-	-	-	● 2AH4A483
		13/64 (.2031)	5.16	-	-	-	-	● 2AH4A516
		.2189	5.56	-	-	-	-	● 2AH4A556
		15/64 (.2343)	5.95	-	-	-	-	● 2AH4A595
		1/4 (.25)	6.35	-	-	-	-	● 2AH4A635
		17/64 (.2657)	6.75	-	-	-	-	● 2AH4A675
		.2815	7.15	-	-	-	-	● 2AH4A715
		.3126	7.94	-	-	-	-	● 2AH4A794
		.3283	8.34	-	-	-	-	● 2AH4A834
		11/32 (.3437)	8.73	-	-	-	-	● 2AH4A873

● stored products ○ not stored products

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Double flute step drill Solid carbide



Application:

High accuracy drilling, in metallic and composite assembly. The double flute geometry allows to reach good surface finish and good accuracy. (For CFRP/Metallic stacks, we recommend the drill 2AK).

Tool geometry:

Right hand spiral – Right hand cut

Tool material:

Solid carbide

For:

Aluminium, Composite, Titanium

D		P		PL		FL		S		OAL		Item
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
.1624	4.125	.126	3,2	.3937	10	1.9685	50	.1624	4.125	3.937	100	○ 2AL4A201
.1638	4.16	-	-	-	-	-	-	.1638	4.16	-	-	○ 2AL4A202
.1882	4.78	.1624	4,125	-	-	-	-	.1882	4.78	-	-	○ 2AL4A301
.1898	4.82	.1638	4,16	-	-	-	-	.1898	4.82	-	-	○ 2AL4A302
.217	5.512	.1882	4,78	-	-	-	-	.217	5.512	-	-	○ 2AL4A351
7/32 (.2185)	5.55	.1898	4,82	-	-	-	-	7/32 (.2185)	5.55	-	-	○ 2AL4A352
.2484	6.31	.2169	5,51	-	-	-	-	.2484	6.31	-	-	○ 2AL4A402
.2488	6.32	.1886	4,79	-	-	-	-	.2488	6.32	-	-	○ 2AL4A403
.2496	6.34	7/32 (.2185)	5,55	-	-	-	-	.2496	6.34	-	-	○ 2AL4A404
1/4 (.25)	6.35	-	-	-	-	-	-	1/4 (.25)	6.35	-	-	○ 2AL4A405
.2807	7.13	.2496	6,34	-	-	-	-	.2807	7.13	-	-	○ 2AL4A421
.311	7.9	.2484	6,31	-	-	-	-	.311	7.9	-	-	○ 2AL4A501
.3122	7.93	.2807	7,13	-	-	-	-	.3122	7.93	-	-	○ 2AL4A502
5/16 (.3125)	7.937	1/4 (.25)	6,35	-	-	-	-	.2362	6	-	-	○ 2AL4A503
3/8 (.375)	9.524	5/16 (.3124)	7,935	-	-	-	-	.2362	6	-	-	○ 2AL4A506

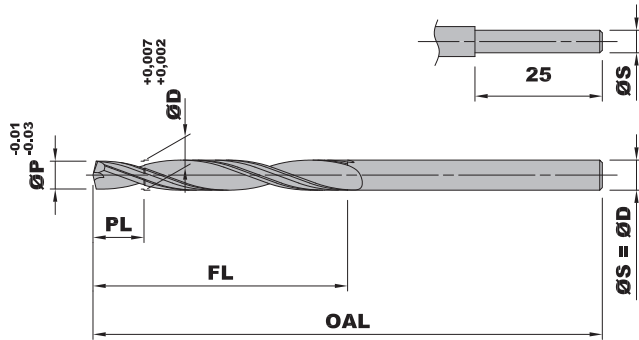
● stored products ○ not stored products

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Double flute step drill

Solid carbide



Application:

High accuracy drilling, in metallic and composite assembly. The double flute geometry allows to reach good surface finish and good accuracy.

Special design :

- for stacks with CFRP at the entry.
- to avoid blocking at the exit.

Tool geometry:

Right hand spiral – Right hand cut
Special geometry for stacks with CFRP entrance

Tool material:

Solid carbide

For:

Aluminium, Composite, Titanium

D		P		PL		FL		S		OAL		Item
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
.1624	4.125	.126	3,2	.3937	10	1.9685	50	.1624	4.125	3.937	100	● 2AK4A201
.1638	4.16	-	-	-	-	-	-	.1638	4.16	-	-	● 2AK4A202
.1882	4.78	.1624	4,125	-	-	-	-	.1882	4.78	-	-	● 2AK4A301
.1898	4.82	.1638	4,16	-	-	-	-	.1898	4.82	-	-	● 2AK4A302
.217	5.512	.1882	4,78	-	-	-	-	.217	5.512	-	-	● 2AK4A351
7/32 (.2185)	5.55	.1898	4,82	-	-	-	-	7/32 (.2185)	5.55	-	-	● 2AK4A352
.2484	6.31	.2169	5,51	-	-	-	-	.2484	6.31	-	-	● 2AK4A402
.2488	6.32	.1886	4,79	-	-	-	-	.2488	6.32	-	-	○ 2AK4A403
.2496	6.34	7/32 (.2185)	5,55	-	-	-	-	.2496	6.34	-	-	● 2AK4A404
1/4 (.25)	6.35	-	-	-	-	-	-	1/4 (.25)	6.35	-	-	● 2AK4A405
.2807	7.13	.2496	6,34	-	-	-	-	.2807	7.13	-	-	● 2AK4A421
.311	7.9	.2484	6,31	-	-	-	-	.311	7.9	-	-	● 2AK4A501
.3122	7.93	.2807	7,13	-	-	-	-	.3122	7.93	-	-	○ 2AK4A502
5/16 (.3125)	7.937	1/4 (.25)	6,35	-	-	-	-	.2362	6	-	-	○ 2AK4A503
.3126	7.94	.2807	7,13	-	-	-	-	.3126	7.94	-	-	● 2AK4A504
.3736	9.49	.311	7,9	-	-	-	-	.3736	9.49	-	-	● 2AK4A505
3/8 (.375)	9.524	5/16 (.3124)	7,935	-	-	-	-	.2362	6	-	-	○ 2AK4A506
7/16 (.4376)	11.114	3/8 (.375)	9,525	-	-	-	-	.2362	6	-	-	○ 2AK4A507

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

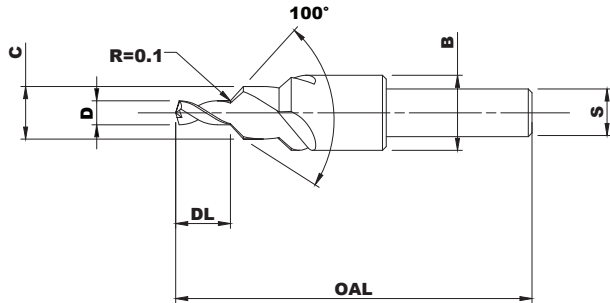
Please, contact us for any request at request@nexam.aero.

Assembly tools

Drill/countersink combinations

2BA	DRIVEMATIC® drill/countersink <i>HSS-E 8% Co</i>	80
2BB	M6x100 microstop cages drill/countersink <i>HSS-E 8% Co</i>	81
2BC	¼-28 UNF microstop cages drill/countersink <i>HSS-E 8% Co</i>	82
2BD	NUTPLATE® drill/countersink <i>HSS-E 8% Co and Diamond coated carbide</i>	83
2BE	SPACEMATIC® drill/countersink <i>HSS-E 8% Co</i>	85
2BF	SPACEMATIC® DCT® drill/countersink <i>HSS-E 8% Co</i>	86

DRIVEMATIC® drill/countersink Single margin – HSS-E 8% Co



Application:

One shot drilling and countersinking on DRIVEMATIC® machines. To meet the highest accuracy requirements, upon request, we can offer these tools with a double margin.

Tool geometry:

Right hand spiral 34°
Right hand cut
Point angle 135° form C

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium

D		C		B		DL		S		OAL		Item
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
#40 (.098)	2.489	.2362	6	.3937	10	.2756	7	1/4	6.35	1.7323	44	○ 2BA1A001
.0984	2.5	-	-	-	-	-	-	-	-	-	-	○ 2BA1A002
.1181	3	-	-	-	-	-	-	-	-	-	-	○ 2BA1A003
1/8 (.125)	3.175	-	-	-	-	-	-	-	-	-	-	○ 2BA1A004
.126	3.2	.2756	7	-	-	-	-	-	-	-	-	● 2BA1A005
#30 (.1285)	3.264	-	-	-	-	-	-	-	-	-	-	○ 2BA1A006
.1378	3.5	-	-	-	-	-	-	-	-	-	-	○ 2BA1A007
9/64 (.1406)	3.572	-	-	-	-	-	-	-	-	-	-	○ 2BA1A008
.1417	3.6	.315	8	-	-	.4724	12	-	-	-	-	○ 2BA1A009
#27 (.144)	3.658	-	-	-	-	-	-	-	-	-	-	○ 2BA1A010
5/32 (.1563)	3.969	-	-	-	-	-	-	-	-	-	-	○ 2BA1A011
.1575	4	.3937	10	-	-	-	-	-	-	-	-	○ 2BA1A012
#21 (.159)	4.039	-	-	-	-	-	-	-	-	-	-	○ 2BA1A013
#20 (.161)	4.089	-	-	-	-	-	-	-	-	-	-	○ 2BA1A014
#16 (.177)	4.496	-	-	-	-	-	-	-	-	-	-	○ 2BA1A015
#13 (.185)	4.699	-	-	-	-	-	-	-	-	-	-	○ 2BA1A016
3/16 (.1875)	4.763	-	-	-	-	-	-	-	-	-	-	○ 2BA1A017
#12 (.189)	4.801	-	-	-	-	-	-	-	-	-	-	○ 2BA1A018
#11 (.191)	4.851	-	-	-	-	-	-	-	-	-	-	○ 2BA1A019
#10 (.1935)	4.915	.5118	13	.5118	13	.7874	20	-	-	2.0472	52	○ 2BA1A020
.1969	5	-	-	-	-	-	-	-	-	-	-	○ 2BA1A021
#8 (.199)	5.055	-	-	-	-	-	-	-	-	-	-	○ 2BA1A022
7/32 (.2188)	5.556	-	-	-	-	-	-	-	-	-	-	○ 2BA1A023
.2205	5.6	-	-	-	-	-	-	-	-	-	-	○ 2BA1A024
.2362	6	-	-	-	-	-	-	-	-	-	-	○ 2BA1A025
#D .246	6.248	-	-	-	-	-	-	-	-	-	-	○ 2BA1A026
1/4 (.25)	6.35	-	-	-	-	-	-	-	-	-	-	● 2BA1A027
#F .257	6.528	-	-	-	-	-	-	-	-	-	-	○ 2BA1A028

● stored products ○ not stored products

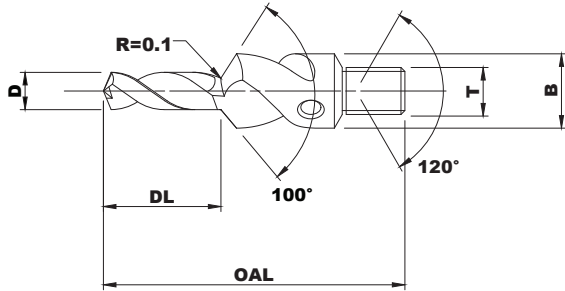
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



M6 x 100 microstop cages drill/countersink

Single margin – HSS-E 8% Co



Application:

One shot drilling and countersinking on M6 x 100 microstop cages. To meet the highest accuracy requirements, upon request, we can offer these tools with a double margin.

Tool geometry:

Right hand spiral 34°
Right hand cut
Point angle 135° form C

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium

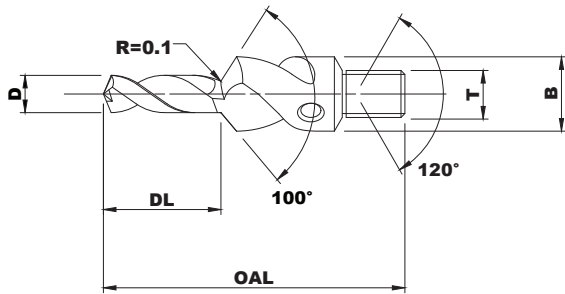
D		B		DL		T	OAL		Item
inch	mm	inch	mm	inch	mm		inch	mm	
.0945	2.4	.3937	10	.2756	7	M6 x 100	1.3386	34	○ 2BB1A029
#40 (.098)	2.489	-	-	-	-	-	-	-	○ 2BB1A001
.0984	2.5	-	-	-	-	-	-	-	● 2BB1A002
.1181	3	-	-	-	-	-	-	-	○ 2BB1A003
1/8 (.125)	3.175	-	-	-	-	-	-	-	○ 2BB1A004
.126	3.2	-	-	-	-	-	-	-	● 2BB1A005
#30 (.1285)	3.264	-	-	-	-	-	-	-	● 2BB1A006
.1378	3.5	-	-	-	-	-	-	-	○ 2BB1A007
9/64 (.1406)	3.572	-	-	-	-	-	-	-	○ 2BB1A008
.1417	3.6	-	-	.4724	12	-	-	-	○ 2BB1A009
#27 (.144)	3.658	-	-	-	-	-	-	-	○ 2BB1A010
5/32 (.1563)	3.969	-	-	-	-	-	-	-	○ 2BB1A011
.1575	4	-	-	-	-	-	-	-	● 2BB1A012
#21 (.159)	4.039	-	-	-	-	-	-	-	○ 2BB1A013
#20 (.161)	4.089	-	-	-	-	-	-	-	● 2BB1A014
#16 (.177)	4.496	-	-	-	-	-	-	-	○ 2BB1A015
#13 (.185)	4.699	-	-	-	-	-	-	-	○ 2BB1A016
3/16 (.1875)	4.763	-	-	-	-	-	-	-	○ 2BB1A017
#12 (.189)	4.801	-	-	-	-	-	-	-	○ 2BB1A018
#11 (.191)	4.851	-	-	-	-	-	-	-	○ 2BB1A019
#10 (.1935)	4.915	.5118	13	.7874	20	-	1.6535	42	● 2BB1A020
.1969	5	-	-	-	-	-	-	-	○ 2BB1A021
#8 (.199)	5.055	-	-	-	-	-	-	-	○ 2BB1A022
7/32 (.2188)	5.556	-	-	-	-	-	-	-	○ 2BB1A023
.2205	5.6	-	-	-	-	-	-	-	○ 2BB1A024
.2362	6	-	-	-	-	-	-	-	○ 2BB1A025
#D .246	6.248	-	-	-	-	-	-	-	○ 2BB1A026
1/4 (.25)	6.35	-	-	-	-	-	-	-	○ 2BB1A027
#F .257	6.528	-	-	-	-	-	-	-	○ 2BB1A028

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

1/4-28 UNF microstop cages drill/countersink Single margin – HSS-E 8% Co



Application:

One shot drilling and countersinking on 1/4-28 UNF microstop cages. To meet the highest accuracy requirements, upon request, we can offer these tools with a double margin.

Tool geometry:

Right hand spiral 34°
Right hand cut
Point angle 135° form C

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium

D		B		DL		T	OAL		Item
inch	mm	inch	mm	inch	mm		inch	mm	
#40 (.098)	2.489	.3937	10	.2756	7	1/4-28 UNF	1.3386	34	○ 2BC1A001
.0984	2.5	-	-	-	-	-	-	-	○ 2BC1A002
.1181	3	-	-	-	-	-	-	-	○ 2BC1A003
1/8 (.125)	3.175	-	-	-	-	-	-	-	○ 2BC1A004
.126	3.2	-	-	-	-	-	-	-	○ 2BC1A005
#30 (.1285)	3.264	-	-	-	-	-	-	-	○ 2BC1A006
.1378	3.5	-	-	-	-	-	-	-	○ 2BC1A007
9/64 (.1406)	3.572	-	-	-	-	-	-	-	○ 2BC1A008
.1417	3.6	-	-	.4724	12	-	-	-	○ 2BC1A009
#27 (.144)	3.658	-	-	-	-	-	-	-	○ 2BC1A010
5/32 (.1563)	3.969	-	-	-	-	-	-	-	○ 2BC1A011
.1575	4	-	-	-	-	-	-	-	○ 2BC1A012
#21 (.159)	4.039	-	-	-	-	-	-	-	○ 2BC1A013
#20 (.161)	4.089	-	-	-	-	-	-	-	○ 2BC1A014
#16 (.177)	4.496	-	-	-	-	-	-	-	○ 2BC1A015
#13 (.185)	4.699	-	-	-	-	-	-	-	○ 2BC1A016
3/16 (.1875)	4.763	-	-	-	-	-	-	-	○ 2BC1A017
#12 (.189)	4.801	-	-	-	-	-	-	-	○ 2BC1A018
#11 (.191)	4.851	-	-	-	-	-	-	-	○ 2BC1A019
#10 (.1935)	4.915	.5118	13	.7874	20	-	1.6535	42	○ 2BC1A020
.1969	5	-	-	-	-	-	-	-	○ 2BC1A021
#8 (.199)	5.055	-	-	-	-	-	-	-	○ 2BC1A022
7/32 (.2188)	5.556	-	-	-	-	-	-	-	○ 2BC1A023
.2205	5.6	-	-	-	-	-	-	-	○ 2BC1A024
.2362	6	-	-	-	-	-	-	-	○ 2BC1A025
#D .246	6.248	-	-	-	-	-	-	-	○ 2BC1A026
1/4 (.25)	6.35	-	-	-	-	-	-	-	○ 2BC1A027
#F .257	6.528	-	-	-	-	-	-	-	○ 2BC1A028

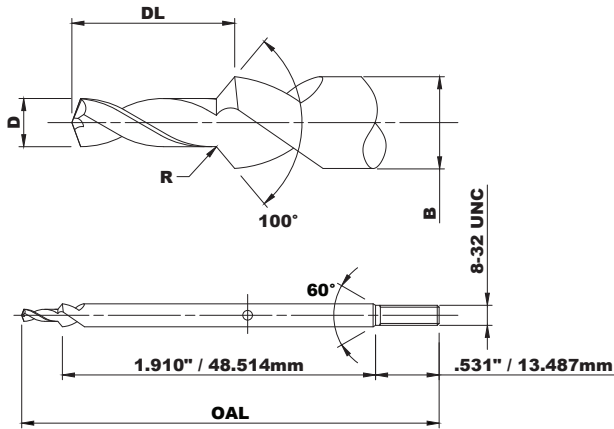
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

NUTPLATE® drill/countersink

Single margin – HSS-E 8% Co



Application:

One shot drilling and countersinking on NUTPLATE® machines. To meet the highest accuracy requirements, upon request, we can offer these tools with a double margin.

Tool geometry:

Right hand spiral 34°
 Right hand cut
 Point angle 135° form C

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium

D		B		DL		OAL		Item
inch	mm	inch	mm	inch	mm	inch	mm	
#40 (.098)	2.489	3/16	4.763	.2953	7.5	2.7598	70.1	● 2BD1A001
-	2.49	-	-	.4201	10.67	2.9016	73.7	● 2BD1A017
.0984	2.5	-	-	.2953	7.5	2.7598	70.1	● 2BD1A002
.1181	3	-	-	.2756	7	2.7717	70.4	○ 2BD1A003
1/8 (.125)	3.175	-	-	-	-	2.7756	70.5	○ 2BD1A004
.126	3.2	-	-	.2953	7.5	-	-	● 2BD1A005
-	-	-	-	.3819	9.7	2.9016	73.7	● 2BD1A018
#30 (.1285)	3.264	1/4	6.35	.2756	7	2.748	69.8	○ 2BD1A006
.1378	3.5	-	-	-	-	-	-	○ 2BD1A007
9/64 (.1406)	3.572	-	-	-	-	2.752	69.9	○ 2BD1A008
.1417	3.6	-	-	.4724	12	2.9488	74.9	○ 2BD1A009
#27 (.144)	3.658	-	-	-	-	-	-	○ 2BD1A010
5/32 (.1563)	3.969	-	-	-	-	2.9528	75	○ 2BD1A011
.1575	4	-	-	-	-	-	-	○ 2BD1A012
#21 (.159)	4.039	5/16	7.938	-	-	2.937	74.6	○ 2BD1A013
#20 (.161)	4.089	-	-	-	-	-	-	○ 2BD1A014
#16 (.177)	4.496	-	-	-	-	2.9409	74.7	○ 2BD1A015
#13 (.185)	4.699	-	-	-	-	-	-	○ 2BD1A016
.1614	4.1	.3307	8.4	.4213	10.7	2.9921	76	● 2BD1A019

● stored products ○ not stored products

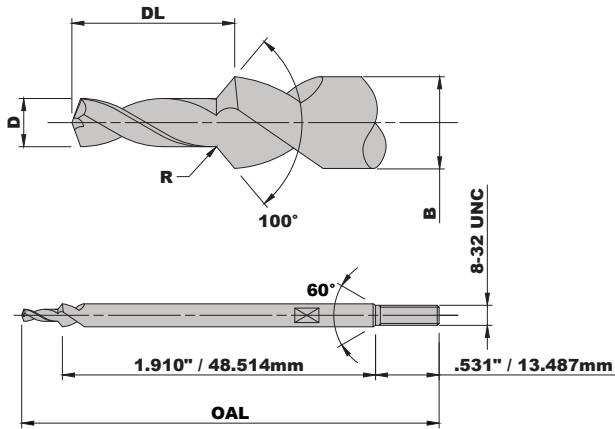
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



NUTPLATE® drill/countersink

Single margin – Diamond coated carbide



Application:

One shot drilling and countersinking of composite materials, on NUTPLATE® machines. To meet the highest accuracy requirements, upon request, we can offer these tools with a double margin.

Tool geometry:

Right hand spiral 34°
 Right hand cut
 Point angle 135° form C

Tool material:

Solid carbide.
 Diamond coated

For:

Composite, CFRP

D		B		DL		OAL		Item
inch	mm	inch	mm	inch	mm	inch	mm	
UNCOATED								
#40 (.098)	2.49	3/16	4.763	.3543	9	2.7953	71	● 2BD4A001
.0984	2.5	-	-	.2953	7.5	-	-	● 2BD4A002
DIAMOND COATED								
#40 (.098)	2.49	3/16	4.763	.3543	9	2.7953	71	● 2BD4D001
.0984	2.5	-	-	.2953	7.5	-	-	● 2BD4D002

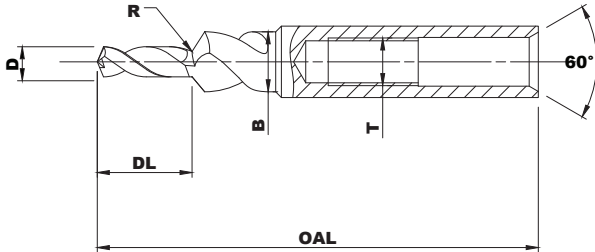
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



SPACEMATIC® drill/countersink Single margin – HSS-E 8% Co



Application:

One shot drilling and countersinking on SPACEMATIC® machines. To meet the highest accuracy requirements, upon request, we can offer these tools with a double margin.

Tool geometry:

Right hand spiral 34°
Right hand cut
Point angle 135° form C

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium

D		B		DL		T	OAL		Item
inch	mm	inch	mm	inch	mm		inch	mm	
#40 (.098)	2.489	.3937	10	.2756	7	1/4-28 UNF	2.4803	63	○ 2BE1A001
.0984	2.5	-	-	-	-	-	-	-	○ 2BE1A002
.1181	3	-	-	-	-	-	-	-	○ 2BE1A003
1/8 (.125)	3.175	-	-	-	-	-	-	-	○ 2BE1A004
.126	3.2	-	-	-	-	-	-	-	○ 2BE1A005
#30 (.1285)	3.264	-	-	-	-	-	-	-	○ 2BE1A006
.1378	3.5	-	-	-	-	-	-	-	○ 2BE1A007
9/64 (.1406)	3.572	-	-	-	-	-	-	-	○ 2BE1A008
.1417	3.6	-	-	-	-	-	-	-	○ 2BE1A009
#27 (.144)	3.658	-	-	-	-	-	-	-	○ 2BE1A010
5/32 (.1563)	3.969	-	-	-	-	-	-	-	○ 2BE1A011
.1575	4	-	-	-	-	-	-	-	○ 2BE1A012
#21 (.159)	4.039	-	-	-	-	-	-	-	○ 2BE1A013
#20 (.161)	4.089	-	-	-	-	-	-	-	○ 2BE1A014
#16 (.177)	4.496	-	-	-	-	-	-	-	○ 2BE1A015
#13 (.185)	4.699	-	-	-	-	-	-	-	○ 2BE1A016
3/16 (.1875)	4.763	-	-	-	-	-	-	-	○ 2BE1A017
#12 (.189)	4.801	-	-	-	-	-	-	-	○ 2BE1A018
#11 (.191)	4.851	-	-	-	-	-	-	-	○ 2BE1A019
#10 (.1935)	4.915	-	-	-	-	-	-	-	○ 2BE1A020
.1969	5	-	-	-	-	-	-	-	○ 2BE1A021

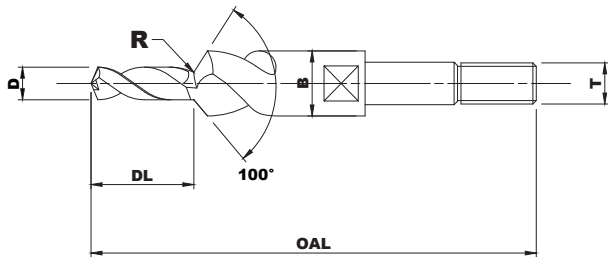
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



SPACEMATIC® DCT® drill/countersink Single margin – HSS-E 8% Co



Application:

One shot drilling and countersinking on SPACEMATIC® DCT® machines. To meet the highest accuracy requirements, upon request, we can offer these tools with a double margin.

Tool geometry:

Right hand spiral 34°
Right hand cut
Point angle 135° form C

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium

D		B		DL		T	OAL		Item
inch	mm	inch	mm	inch	mm		inch	mm	
#40 (.098)	2.489	.3937	10	.2756	7	M6 x 100	2.5591	65	○ 2BF1A001
.0984	2.5	-	-	-	-	-	-	-	○ 2BF1A002
.1181	3	-	-	-	-	-	-	-	○ 2BF1A003
1/8 (.125)	3.175	-	-	-	-	-	-	-	○ 2BF1A004
.126	3.2	-	-	-	-	-	-	-	○ 2BF1A005
#30 (.1285)	3.264	-	-	-	-	-	-	-	○ 2BF1A006
.1378	3.5	-	-	-	-	-	-	-	○ 2BF1A007
9/64 (.1406)	3.572	-	-	-	-	-	-	-	○ 2BF1A008
.1417	3.6	-	-	.4724	12	-	-	-	○ 2BF1A009
#27 (.144)	3.658	-	-	-	-	-	-	-	○ 2BF1A010
5/32 (.1563)	3.969	-	-	-	-	-	-	-	○ 2BF1A011
.1575	4	-	-	-	-	-	-	-	○ 2BF1A012
#21 (.159)	4.039	-	-	-	-	-	-	-	○ 2BF1A013
#20 (.161)	4.089	-	-	-	-	-	-	-	○ 2BF1A014
#16 (.177)	4.496	-	-	-	-	-	-	-	○ 2BF1A015
#13 (.185)	4.699	-	-	-	-	-	-	-	○ 2BF1A016
3/16 (.1875)	4.763	-	-	-	-	-	-	-	○ 2BF1A017
#12 (.189)	4.801	-	-	-	-	-	-	-	○ 2BF1A018
#11 (.191)	4.851	-	-	-	-	-	-	-	○ 2BF1A019
#10 (.1935)	4.915	.4528	11.5	.7874	20	-	-	-	○ 2BF1A020
.1969	5	-	-	-	-	-	-	-	○ 2BF1A021
#8 (.199)	5.055	-	-	-	-	-	-	-	○ 2BF1A022
7/32 (.2188)	5.556	-	-	-	-	-	-	-	○ 2BF1A023
.2205	5.6	-	-	-	-	-	-	-	○ 2BF1A024
.2362	6	-	-	-	-	-	-	-	○ 2BF1A025
#D .246	6.248	-	-	-	-	-	-	-	○ 2BF1A026
1/4 (.25)	6.35	-	-	-	-	-	-	-	○ 2BF1A027
#F .257	6.528	-	-	-	-	-	-	-	○ 2BF1A028

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Assembly tools

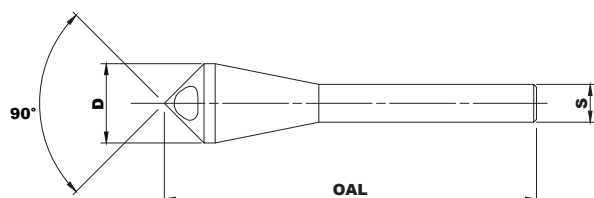
Deburring tools

2CA	Zero flute deburring cutter <i>HSS-E 5% Co – plain shank</i>	88
2CC	1 flute deburring cutter <i>HSS-E 5% Co – plain shank</i>	89
2CD	3 flutes deburring cutter <i>HSS-E 5% Co, Carbide – plain shank</i>	90
2CE	3 flutes deburring cutter <i>HSS-E 5% Co – ¼" hexagonal shank</i>	92

Zero flute deburring cutter

HSS-E 5% Co – Plain shank

1/1

**Application:**

Deburring of holes in aluminium and plastic.
Double end cutter for the item 1.

Tool geometry:

Right hand cut
Radial clearance 90°

Tool material:

High speed steel 5% Co (M35)

For:

Aluminium, (Titanium)

D		S		OAL		Item
inch	mm	inch	mm	inch	mm	
1/4 (.25)	6.35	1/4	6.35	1.7717	45	● 2CA1A001
.3937	10	.2362	6	-	-	● 2CA1A002
7/16 (.4375)	11.113	1/4	6.35	-	-	● 2CA1A003
9/16 (.5625)	14.288	-	-	1.9685	50	● 2CA1A004
.5906	15	.315	8	2.1654	55	● 2CA1A005
.7874	20	.3937	10	2.5591	65	● 2CA1A006
13/16 (.8125)	20.638	1/2	12.7	2.5984	66	● 2CA1A007
.9843	25	.4724	12	3.0709	78	● 2CA1A008
1.1024	28	-	-	3.3858	86	● 2CA1A009
1.1811	30	-	-	3.4646	88	● 2CA1A010

● stored products ○ not stored products

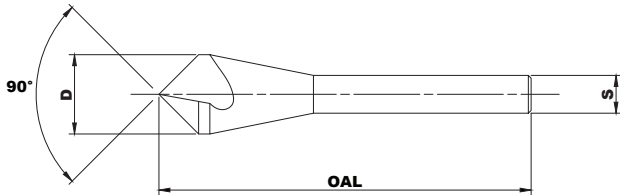
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

1 flute deburring cutter

HSS-E 5% Co – Plain shank

1/1

**Application:**

Deburring of holes in all the materials other than aluminium and plastic, with a tensile strength lower than 1300N/mm².

Tool geometry:

Right hand spiral 20°
Right hand cut
Radial clearance 90°

Tool material:

High speed steel 5% Co (M35)

For:

Aluminium, (Titanium)

D		S		OAL		Item
inch	mm	inch	mm	inch	mm	
.1575	4	.2756	7	1.5748	40	● 2CC1A001
.1969	5	.1969	5	-	-	● 2CC1A002
.2362	6	.2362	6	-	-	● 2CC1A003
.315	8	-	-	-	-	● 2CC1A004
.3937	10	-	-	1.7717	45	● 2CC1A005
.4724	12	.315	8	1.9685	50	● 2CC1A006
.5906	15	-	-	2.1654	55	● 2CC1A007
.7874	20	.3937	10	2.5591	65	● 2CC1A008
.9843	25	.4724	12	3.0709	78	● 2CC1A009
1.1811	30	-	-	3.4646	88	● 2CC1A010

● stored products ○ not stored products

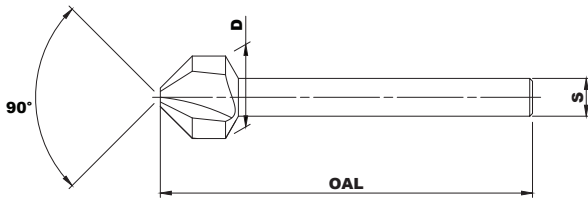
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Please, contact us for any request at request@nexam.aero.

3 flutes deburring cutter

HSS-E 5% Co – Plain shank

1/2

**Application:**

Deep deburring of holes. (Large material removal).

Tool geometry:

Right hand cut

Radial clearance 90°

Tool material:

High speed steel 5% Co (M35)

For:

Aluminium, (Titanium)

D		S		OAL		Item
inch	mm	inch	mm	inch	mm	
.248	6.3	.1969	5	1.7717	45	● 2CD1A001
.4094	10.4	.2362	6	1.9685	50	● 2CD1A002
.4882	12.4	.315	8	2.2047	56	● 2CD1A003
.6496	16.5	.3937	10	2.3622	60	● 2CD1A004
.8071	20.5	-	-	2.4803	63	● 2CD1A005
.9843	25	-	-	2.6378	67	● 2CD1A006
1.1024	28	.4724	12	2.7953	71	● 2CD1A007

● stored products ○ not stored products

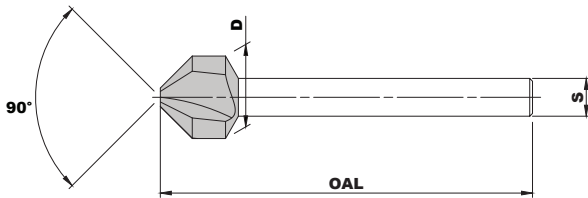
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

3 flutes deburring cutter

Carbide – Plain shank

2/2

**Application:**

Deep deburring of holes. (Large material removal).

Tool geometry:

Right hand cut

Radial clearance 90°

Shank with 3 flats if $D \geq 12.4$ **Tool material:**Solid Carbide if $D \leq 8.3$ Carbide tipped if $D > 8.3$ **For:**

Aluminium, Titanium

D		S		OAL		Item
inch	mm	inch	mm	inch	mm	
.1693	4.3	.1575	4	1.5748	40	● 2CD3A001
.2087	5.3	-	-	-	-	● 2CD3A002
.248	6.3	.1969	5	1.7717	45	● 2CD3A003
.3268	8.3	.2362	6	1.9685	50	● 2CD3A004
.4094	10.4	-	-	-	-	● 2CD3A005
.4882	12.4	.315	8	2.2047	56	● 2CD3A006
.6496	16.5	.3937	10	2.3622	60	● 2CD3A007
.8071	20.5	-	-	2.4803	63	● 2CD3A008
.9843	25	-	-	2.6378	67	● 2CD3A009
1.2205	31	.4724	12	2.7953	71	● 2CD3A010

● stored products ○ not stored products

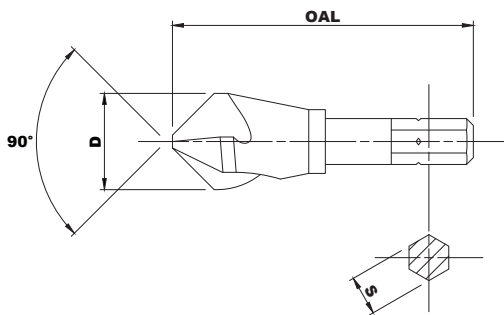
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3 flutes deburring cutter

HSS-E 5% Co – 1/4" hexagonal shank

1/1

**Application:**

Deep deburring of holes. (Large material removal).
The 1/4" hexagonal shank allows mounting on the usual drill mandrels, as well as the hand bit holders.

Tool geometry:

Right hand cut
Radial clearance 90°

Tool material:

High speed steel 5% Co (M35)

For:

Aluminium, (Titanium)

D		S		OAL		Item
inch	mm	inch	mm	inch	mm	
.248	6.3	1/4	6.35	1.9685	50	● 2CE1A001
.3268	8.3	-	-	-	-	● 2CE1A002
.4094	10.4	-	-	-	-	● 2CE1A003
.4882	12.4	-	-	-	-	● 2CE1A004
.6496	16.5	-	-	-	-	● 2CE1A005
.8071	20.5	-	-	-	-	● 2CE1A006


● stored products ○ not stored products

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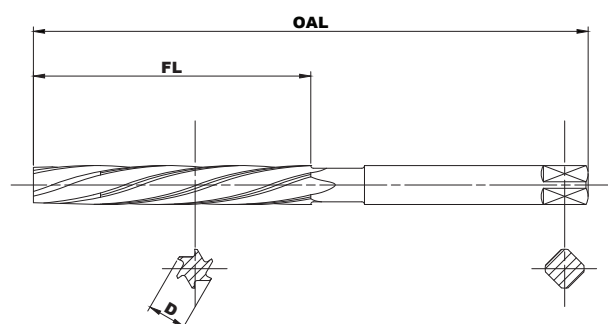
Assembly tools

Reamers

2DA	Hand reamer <i>HSS</i>	94
2DB	“Paris style” hand reamer <i>HSS</i>	97
2DC	“Aircraft” reamer <i>HSS-E 8% Co and carbide</i>	100
2DE	Piloted reamer <i>HSS-E 8% Co and carbide</i>	 102
2DD	Taper-Lok® hand reamer <i>HSS-E 8% Co</i>	104

Hand reamer

HSS

**Application:**

Manual reaming in all materials with a tensile strength lower than 1000N/mm². To be used with a tap wrench adjustable. These reamers are designed with a taper lead and an m6 tolerance to fit an H7 tolerance hole.

Tool geometry:

Left hand spiral 15°

Right hand cut

F = flute number

Tool material:

High speed steel (M2)

For:

Aluminium

D m6		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
.0787	2	4	.9843	25	1.9685	50	● 2DA1A001
.0866	2.2	-	1.1417	29	2.2835	58	○ 2DA1A002
3/32 (.0938)	2.381	-	-	-	-	-	○ 2DA1A003
.0984	2.5	-	-	-	-	-	● 2DA1A004
7/64 (.1094)	2.778	-	1.2205	31	2.4409	62	○ 2DA1A005
.1102	2.8	-	-	-	-	-	○ 2DA1A006
.1181	3	-	-	-	-	-	● 2DA1A007
1/8 (.125)	3.175	-	1.378	35	2.7953	71	○ 2DA1A008
.126	3.2	-	-	-	-	-	○ 2DA1A009
.1378	3.5	-	-	-	-	-	● 2DA1A010
5/32 (.1563)	3.969	-	1.4961	38	2.9921	76	○ 2DA1A011
.1575	4	-	-	-	-	-	● 2DA1A012
11/64 (.1719)	4.366	-	1.6142	41	3.189	81	○ 2DA1A013
.1772	4.5	-	-	-	-	-	● 2DA1A014
3/16 (.1875)	4.763	6	1.7323	44	3.4252	87	○ 2DA1A015
#12 (.189)	4.8	-	-	-	-	-	○ 2DA1A016
.1969	5	-	-	-	-	-	● 2DA1A017
13/64 (.2031)	5.159	-	1.8504	47	3.6614	93	○ 2DA1A018
.2165	5.5	-	-	-	-	-	● 2DA1A019
7/32 (.2188)	5.556	-	-	-	-	-	○ 2DA1A020
15/64 (.2344)	5.953	-	-	-	-	-	○ 2DA1A021
.2362	6	-	-	-	-	-	● 2DA1A022
1/4 (.25)	6.35	-	1.9685	50	3.937	100	○ 2DA1A023
.252	6.4	-	-	-	-	-	○ 2DA1A024
.2559	6.5	-	-	-	-	-	● 2DA1A025
17/64 (.2656)	6.747	-	2.126	54	4.2126	107	○ 2DA1A026
.2756	7	-	-	-	-	-	● 2DA1A027
9/32 (.2813)	7.144	-	-	-	-	-	○ 2DA1A028
.2953	7.5	-	-	-	-	-	● 2DA1A029
19/64 (.2969)	7.541	-	2.2835	58	4.5276	115	○ 2DA1A030
5/16 (.3125)	7.938	-	-	-	-	-	○ 2DA1A031
.315	8	-	-	-	-	-	● 2DA1A032
21/64 (.3281)	8.334	-	-	-	-	-	○ 2DA1A033
.3346	8.5	-	-	-	-	-	● 2DA1A034
11/32 (.3438)	8.731	-	2.4409	62	4.8819	124	○ 2DA1A035
.3543	9	-	-	-	-	-	● 2DA1A036
23/64 (.3594)	9.128	-	-	-	-	-	○ 2DA1A037
.374	9.5	-	-	-	-	-	● 2DA1A038
3/8 (.375)	9.525	-	2.5984	66	5.2362	133	○ 2DA1A039

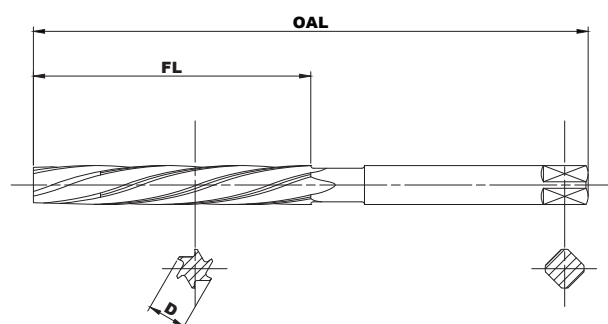
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Hand reamer

HSS

**Application:**

Manual reaming in all materials with a tensile strength lower than 1000N/mm². To be used with a tap wrench adjustable. These reamers are designed with a taper lead and an m6 tolerance to fit an H7 tolerance hole.

Tool geometry:

Left hand spiral 15°

Right hand cut

F = flute number

Tool material:

High speed steel (M2)

For:

Aluminium

D m6		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
25/64 (.3906)	9.922	6	2.5984	66	5.2362	133	○ 2DA1A040
.3937	10	-	-	-	-	-	● 2DA1A041
13/32 (.4063)	10.319	8	2.7953	71	5.5906	142	○ 2DA1A042
.4134	10.5	-	-	-	-	-	○ 2DA1A043
27/64 (.4219)	10.716	-	-	-	-	-	○ 2DA1A044
.4331	11	-	-	-	-	-	● 2DA1A045
7/16 (.4375)	11.113	-	2.9921	76	5.9843	152	○ 2DA1A046
.4528	11.5	-	-	-	-	-	○ 2DA1A047
29/64 (.4531)	11.509	-	-	-	-	-	○ 2DA1A048
15/32 (.4688)	11.906	-	-	-	-	-	○ 2DA1A049
.4724	12	-	-	-	-	-	● 2DA1A050
31/64 (.4844)	12.303	-	-	-	-	-	○ 2DA1A051
.4921	12.5	-	-	-	-	-	○ 2DA1A052
1/2 (.5)	12.7	-	-	-	-	-	○ 2DA1A053
.5118	13	-	-	-	-	-	● 2DA1A054
33/64 (.5156)	13.097	-	3.189	81	6.4173	163	○ 2DA1A055
17/32 (.5313)	13.494	-	-	-	-	-	○ 2DA1A056
.5315	13.5	-	-	-	-	-	○ 2DA1A057
35/64 (.5469)	13.891	-	-	-	-	-	○ 2DA1A058
.5512	14	-	-	-	-	-	● 2DA1A059
9/16 (.5625)	14.288	-	-	-	-	-	○ 2DA1A060
.5709	14.5	-	-	-	-	-	○ 2DA1A061
37/64 (.5781)	14.684	-	-	-	-	-	○ 2DA1A062
.5906	15	-	-	-	-	-	● 2DA1A063
19/32 (.5938)	15.081	-	3.4252	87	6.8898	175	○ 2DA1A064
39/64 (.6094)	15.478	-	-	-	-	-	○ 2DA1A065
.6102	15.5	-	-	-	-	-	○ 2DA1A066
5/8 (.625)	15.875	-	-	-	-	-	○ 2DA1A067
.6299	16	-	-	-	-	-	● 2DA1A068
41/64 (.6406)	16.272	-	-	-	-	-	○ 2DA1A069
.6496	16.5	-	-	-	-	-	○ 2DA1A070
21/32 (.6563)	16.669	-	-	-	-	-	○ 2DA1A071
.6693	17	-	-	-	-	-	● 2DA1A072
43/64 (.6719)	17.066	-	3.6614	93	7.4016	188	○ 2DA1A073
11/16 (.6875)	17.463	-	-	-	-	-	○ 2DA1A074
.689	17.5	-	-	-	-	-	○ 2DA1A075
45/64 (.7031)	17.859	-	-	-	-	-	○ 2DA1A076
.7087	18	-	-	-	-	-	● 2DA1A077
23/32 (.7188)	18.256	-	-	-	-	-	○ 2DA1A078

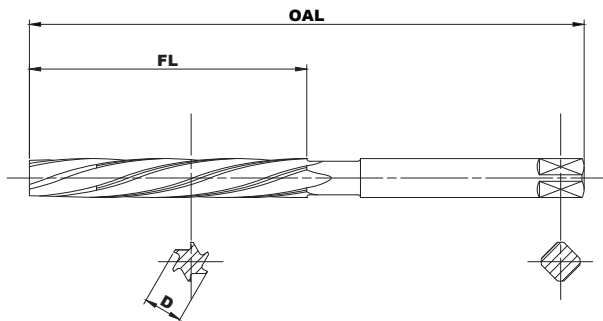
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Hand reamer

HSS

**Application:**

Manual reaming in all materials with a tensile strength lower than 1000N/mm². To be used with a tap wrench adjustable. These reamers are designed with a taper lead and an m6 tolerance to fit an H7 tolerance hole.

Tool geometry:

Left hand spiral 15°

Right hand cut

F = flute number

Tool material:

High speed steel (M2)

For:

Aluminium

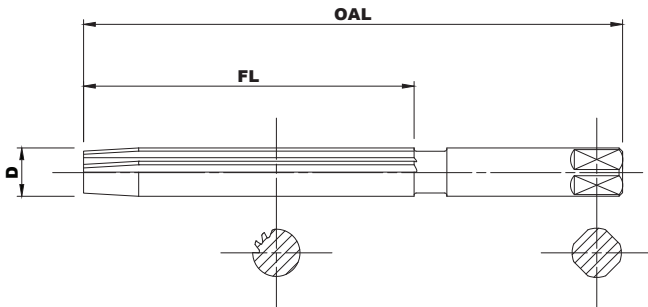
D m6		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
.7283	18.5	8	3.6614	93	7.4016	188	○ 2DA1A079
47/64 (.7344)	18.653	-	-	-	-	-	○ 2DA1A080
.748	19	-	-	-	-	-	● 2DA1A081
3/4 (.75)	19.05	-	3.937	100	7.9134	201	○ 2DA1A082
49/64 (.7656)	19.447	-	-	-	-	-	○ 2DA1A083
.7677	19.5	-	-	-	-	-	○ 2DA1A084
25/32 (.7813)	19.844	-	-	-	-	-	○ 2DA1A085
.7874	20	-	-	-	-	-	● 2DA1A086
51/64 (.7969)	20.241	-	-	-	-	-	○ 2DA1A087
.8071	20.5	-	-	-	-	-	○ 2DA1A088
13/16 (.8125)	20.638	-	-	-	-	-	○ 2DA1A089
.8268	21	-	-	-	-	-	● 2DA1A090
53/64 (.8281)	21.034	-	4.2126	107	8.4646	215	○ 2DA1A091
27/32 (.8438)	21.431	-	-	-	-	-	○ 2DA1A092
.8465	21.5	-	-	-	-	-	○ 2DA1A093
55/64 (.8594)	21.828	-	-	-	-	-	○ 2DA1A094
.8661	22	-	-	-	-	-	● 2DA1A095
7/8 (.875)	22.225	-	-	-	-	-	○ 2DA1A096
.8858	22.5	-	-	-	-	-	○ 2DA1A097
57/64 (.8906)	22.622	-	-	-	-	-	○ 2DA1A098
.9055	23	-	-	-	-	-	● 2DA1A099
29/32 (.9063)	23.019	-	4.5276	115	9.0945	231	○ 2DA1A100
59/64 (.9219)	23.416	-	-	-	-	-	○ 2DA1A101
.9252	23.5	-	-	-	-	-	○ 2DA1A102
15/16 (.9375)	23.813	-	-	-	-	-	○ 2DA1A103
.9449	24	-	-	-	-	-	● 2DA1A104
61/64 (.9531)	24.209	-	-	-	-	-	○ 2DA1A105
.9646	24.5	-	-	-	-	-	○ 2DA1A106
31/32 (.9688)	24.606	-	-	-	-	-	○ 2DA1A107
.9843	25	-	-	-	-	-	● 2DA1A108
63/64 (.9844)	25.003	-	-	-	-	-	○ 2DA1A109
1	25.4	-	-	-	-	-	○ 2DA1A110

● stored products ○ not stored products

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" Paris style " hand reamer HSS

**Application:**

Manual reaming in all materials with a tensile strength lower than 1000N/mm². To be used with a tap wrench adjustable. These reamers are designed with a taper lead on the 1/3 of the flute length, and a k7 tolerance to fit an H8 tolerance hole.

Tool geometry:

Straight flute
Right hand cut
F = flute number

Tool material:

High speed steel (M2)

For:

Aluminium

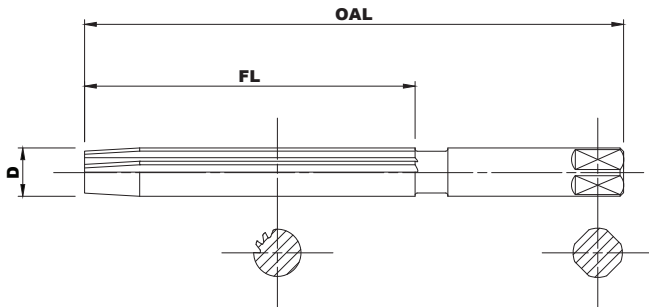
D k7		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
.0787	2	3	1.378	35	2.5591	65	● 2DB1A001
.0866	2.2	-	-	-	-	-	○ 2DB1A002
3/32 (.0938)	2.381	-	-	-	-	-	○ 2DB1A003
.0984	2.5	-	-	-	-	-	● 2DB1A004
7/64 (.1094)	2.778	-	1.9685	50	3.3465	85	○ 2DB1A005
.1102	2.8	-	-	-	-	-	○ 2DB1A006
.1181	3	-	-	-	-	-	● 2DB1A007
1/8 (.125)	3.175	-	2.2047	56	3.7402	95	○ 2DB1A008
.126	3.2	-	-	-	-	-	○ 2DB1A009
.1378	3.5	-	-	-	-	-	● 2DB1A010
5/32 (.1563)	3.969	-	2.3622	60	3.937	100	○ 2DB1A011
.1575	4	-	-	-	-	-	● 2DB1A012
11/64 (.1719)	4.366	-	2.4803	63	4.1732	106	○ 2DB1A013
.1772	4.5	-	-	-	-	-	● 2DB1A014
3/16 (.1875)	4.763	-	2.6378	67	4.4094	112	○ 2DB1A015
#12 (.189)	4.8	-	-	-	-	-	○ 2DB1A016
.1969	5	-	-	-	-	-	● 2DB1A017
13/64 (.2031)	5.159	-	2.7953	71	4.6457	118	○ 2DB1A018
.2165	5.5	-	-	-	-	-	● 2DB1A019
7/32 (.2188)	5.556	-	-	-	-	-	○ 2DB1A020
15/64 (.2344)	5.953	-	-	-	-	-	○ 2DB1A021
.2362	6	-	-	-	-	-	● 2DB1A022
1/4 (.25)	6.35	-	2.9528	75	4.9213	125	○ 2DB1A023
.252	6.4	-	-	-	-	-	○ 2DB1A024
.2559	6.5	-	-	-	-	-	● 2DB1A025
17/64 (.2656)	6.747	-	3.1496	80	5.1969	132	○ 2DB1A026
.2756	7	-	-	-	-	-	● 2DB1A027
9/32 (.2813)	7.144	-	-	-	-	-	○ 2DB1A028
.2953	7.5	-	-	-	-	-	● 2DB1A029
19/64 (.2969)	7.541	-	3.3465	85	5.5118	140	○ 2DB1A030
5/16 (.3125)	7.938	-	-	-	-	-	○ 2DB1A031
.315	8	-	-	-	-	-	● 2DB1A032
21/64 (.3281)	8.334	-	-	-	-	-	○ 2DB1A033
.3346	8.5	-	-	-	-	-	● 2DB1A034
11/32 (.3438)	8.731	-	3.5433	90	5.9055	150	○ 2DB1A035
.3543	9	-	-	-	-	-	● 2DB1A036
23/64 (.3594)	9.128	-	-	-	-	-	○ 2DB1A037
.374	9.5	-	-	-	-	-	● 2DB1A038
3/8 (.375)	9.525	-	3.7402	95	6.2992	160	○ 2DB1A039

● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.

" Paris style " hand reamer HSS

**Application:**

Manual reaming in all materials with a tensile strength lower than 1000N/mm². To be used with a tap wrench adjustable. These reamers are designed with a taper lead on the 1/3 of the flute length, and a k7 tolerance to fit an H8 tolerance hole.

Tool geometry:

Straight flute
Right hand cut
F = flute number

Tool material:

High speed steel (M2)

For:

Aluminium

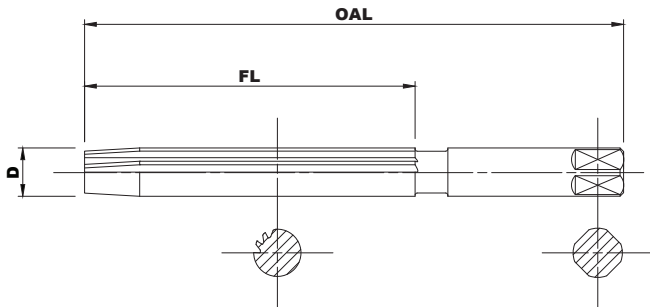
D k7		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
25/64 (.3906)	9.922	3	3.7402	95	6.2992	160	○ 2DB1A040
.3937	10	-	-	-	-	-	● 2DB1A041
13/32 (.4063)	10.319	-	-	-	-	-	○ 2DB1A042
.4134	10.5	-	-	-	-	-	● 2DB1A043
27/64 (.4219)	10.716	-	3.937	100	6.6929	170	○ 2DB1A044
.4331	11	-	-	-	-	-	● 2DB1A045
7/16 (.4375)	11.113	-	-	-	-	-	○ 2DB1A046
.4528	11.5	-	-	-	-	-	● 2DB1A047
29/64 (.4531)	11.509	-	4.1732	106	7.0866	180	○ 2DB1A048
15/32 (.4688)	11.906	-	-	-	-	-	○ 2DB1A049
.4724	12	-	-	-	-	-	● 2DB1A050
31/64 (.4844)	12.303	-	-	-	-	-	○ 2DB1A051
.4921	12.5	-	-	-	-	-	● 2DB1A052
1/2 (.5)	12.7	-	-	-	-	-	○ 2DB1A053
.5118	13	-	-	-	-	-	● 2DB1A054
33/64 (.5156)	13.097	-	4.4094	112	7.4803	190	○ 2DB1A055
17/32 (.5313)	13.494	-	-	-	-	-	○ 2DB1A056
.5315	13.5	-	-	-	-	-	● 2DB1A057
35/64 (.5469)	13.891	-	-	-	-	-	○ 2DB1A058
.5512	14	4	-	-	-	-	● 2DB1A059
9/16 (.5625)	14.288	-	-	-	-	-	○ 2DB1A060
.5709	14.5	-	-	-	-	-	● 2DB1A061
37/64 (.5781)	14.684	-	-	-	-	-	○ 2DB1A062
.5906	15	-	-	-	-	-	● 2DB1A063
19/32 (.5938)	15.081	-	4.6457	118	7.874	200	○ 2DB1A064
39/64 (.6094)	15.478	-	-	-	-	-	○ 2DB1A065
.6102	15.5	-	-	-	-	-	● 2DB1A066
5/8 (.625)	15.875	-	-	-	-	-	○ 2DB1A067
.6299	16	-	-	-	-	-	● 2DB1A068
41/64 (.6406)	16.272	-	-	-	-	-	○ 2DB1A069
.6496	16.5	-	-	-	-	-	● 2DB1A070
21/32 (.6563)	16.669	-	-	-	-	-	○ 2DB1A071
.6693	17	-	-	-	-	-	● 2DB1A072
43/64 (.6719)	17.066	-	4.9213	125	8.3465	212	○ 2DB1A073
11/16 (.6875)	17.463	-	-	-	-	-	○ 2DB1A074
.689	17.5	-	-	-	-	-	● 2DB1A075
45/64 (.7031)	17.859	-	-	-	-	-	○ 2DB1A076
.7087	18	-	-	-	-	-	● 2DB1A077
23/32 (.7188)	18.256	-	-	-	-	-	○ 2DB1A078

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

" Paris style " hand reamer HSS



Application:

Manual reaming in all materials with a tensile strength lower than 1000N/mm². To be used with a tap wrench adjustable. These reamers are designed with a taper lead on the 1/3 of the flute length, and a k7 tolerance to fit an H8 tolerance hole.

Tool geometry:

Straight flute
Right hand cut
F = flute number

Tool material:

High speed steel (M2)

For:

Aluminium

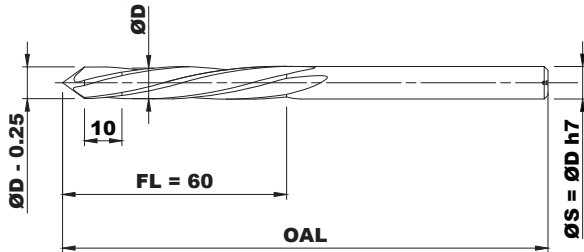
D k7		F	FL		OAL		Item
inch	mm		inch	mm	inch	mm	
.7283	18.5	4	4.9213	125	8.3465	212	● 2DB1A079
47/64 (.7344)	18.653	-	-	-	-	-	○ 2DB1A080
.748	19	-	-	-	-	-	● 2DB1A081
3/4 (.75)	19.05	-	5.1969	132	8.8189	224	○ 2DB1A082
49/64 (.7656)	19.447	-	-	-	-	-	○ 2DB1A083
.7677	19.5	-	-	-	-	-	● 2DB1A084
25/32 (.7813)	19.844	-	-	-	-	-	○ 2DB1A085
.7874	20	-	-	-	-	-	● 2DB1A086
51/64 (.7969)	20.241	-	-	-	-	-	○ 2DB1A087
.8071	20.5	-	-	-	-	-	● 2DB1A088
13/16 (.8125)	20.638	-	-	-	-	-	○ 2DB1A089
.8268	21	-	-	-	-	-	● 2DB1A090
53/64 (.8281)	21.034	-	5.5118	140	9.2913	236	○ 2DB1A091
27/32 (.8438)	21.431	-	-	-	-	-	○ 2DB1A092
.8465	21.5	-	-	-	-	-	● 2DB1A093
55/64 (.8594)	21.828	-	-	-	-	-	○ 2DB1A094
.8661	22	-	-	-	-	-	● 2DB1A095
7/8 (.875)	22.225	-	-	-	-	-	○ 2DB1A096
.8858	22.5	-	-	-	-	-	● 2DB1A097
57/64 (.8906)	22.622	-	-	-	-	-	○ 2DB1A098
.9055	23	-	-	-	-	-	● 2DB1A099
29/32 (.9063)	23.019	-	-	-	-	-	○ 2DB1A100
59/64 (.9219)	23.416	-	-	-	-	-	○ 2DB1A101
.9252	23.5	-	-	-	-	-	● 2DB1A102
15/16 (.9375)	23.813	-	5.9055	150	9.8425	250	○ 2DB1A103
.9449	24	-	-	-	-	-	● 2DB1A104
61/64 (.9531)	24.209	-	-	-	-	-	○ 2DB1A105
.9646	24.5	-	-	-	-	-	● 2DB1A106
31/32 (.9688)	24.606	-	-	-	-	-	○ 2DB1A107
.9843	25	-	-	-	-	-	● 2DB1A108
63/64 (.9844)	25.003	-	-	-	-	-	○ 2DB1A109
1	25.4	-	-	-	-	-	○ 2DB1A110

● stored products ○ not stored products

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" Aircraft " reamer HSS-E 8% Co



Application:

Reaming with drill motors in all materials with a tensile strength lower than 1300N/mm². These reamers are designed with a taper lead of .3937" (10 mm).

Please indicate the reamer diameter and tolerance required.

Tool geometry:

Left hand spiral 15°
Right hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium

D		F		OAL		Item	
inch	mm	inch	mm	inch	mm		
mini	maxi	mini	maxi	mini	maxi		
SHORT SERIES							
.1575	→ .1771	4	→ 4.499	4	3.937	100	○ 2DC1A019
-	→ -	-	→ -	6	-	-	○ 2DC1A619
.1772	→ .1968	4.5	→ 4.999	4	-	-	○ 2DC1A020
-	→ -	-	→ -	6	-	-	○ 2DC1A620
.1969	→ .2165	5	→ 5.499	4	-	-	○ 2DC1A021
-	→ -	-	→ -	6	-	-	○ 2DC1A621
.2165	→ .2362	5.5	→ 5.999	-	-	-	○ 2DC1A022
.2362	→ .2559	6	→ 6.499	-	-	-	○ 2DC1A023
.2559	→ .2756	6.5	→ 6.999	-	-	-	○ 2DC1A024
.2756	→ .2952	7	→ 7.499	-	-	-	○ 2DC1A025
.2953	→ .3149	7.5	→ 7.999	-	-	-	○ 2DC1A026
.315	→ .3346	8	→ 8.499	-	-	-	○ 2DC1A027
.3346	→ .3543	8.5	→ 8.999	-	-	-	○ 2DC1A028
.3543	→ .374	9	→ 9.499	-	-	-	○ 2DC1A029
.374	→ .3937	9.5	→ 9.999	-	-	-	○ 2DC1A030
.3937	→ .4133	10	→ 10.499	-	-	-	○ 2DC1A031
LONG SERIES							
.1575	→ .1771	4	→ 4.499	4	5.1181	130	○ 2DC1A001
.1772	→ .1968	4.5	→ 4.999	-	-	-	○ 2DC1A002
.1969	→ .2165	5	→ 5.499	-	-	-	○ 2DC1A003
.2165	→ .2362	5.5	→ 5.999	6	-	-	○ 2DC1A004
.2362	→ .2559	6	→ 6.499	-	-	-	○ 2DC1A005
.2559	→ .2756	6.5	→ 6.999	-	-	-	○ 2DC1A006
.2756	→ .2952	7	→ 7.499	-	-	-	○ 2DC1A007
.2953	→ .3149	7.5	→ 7.999	-	-	-	○ 2DC1A008
.315	→ .3346	8	→ 8.499	-	-	-	○ 2DC1A009
.3346	→ .3543	8.5	→ 8.999	-	-	-	○ 2DC1A010
.3543	→ .374	9	→ 9.499	-	-	-	○ 2DC1A011
.374	→ .3937	9.5	→ 9.999	-	-	-	○ 2DC1A012
.3937	→ .4133	10	→ 10.499	-	-	-	○ 2DC1A013
.4134	→ .433	10.5	→ 10.999	-	-	-	○ 2DC1A014
.4331	→ .4527	11	→ 11.499	-	-	-	○ 2DC1A015
.4528	→ .4724	11.5	→ 11.999	-	-	-	○ 2DC1A016
.4724	→ .4921	12	→ 12.499	-	-	-	○ 2DC1A017
.4921	→ .5118	12.5	→ 13	-	-	-	○ 2DC1A018

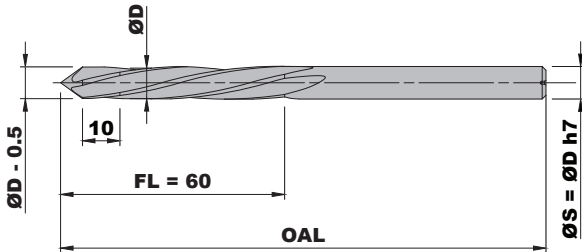
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



" Aircraft " reamer Solid carbide



Application:

Reaming with drill motors in hard materials and composites.

These reamers are designed with a taper lead of .3937" (10 mm) and 1 center for regrinding.

Please indicate the reamer diameter and tolerance required.

Tool geometry:

Left hand spiral 15°

Right hand cut

F = flute number

Tool material:

Solid carbide

For:

Aluminium, Composite, Titanium

D		F		OAL		Item
inch		mm		inch	mm	
mini	maxi	mini	maxi			
.1575	→ .1771	4	→ 4.499	3.937	100	○ 2DC4A001
-	→ -	-	→ -	-	-	○ 2DC4A601
.1772	→ .1968	4.5	→ 4.999	-	-	○ 2DC4A002
-	→ -	-	→ -	-	-	○ 2DC4A602
.1969	→ .2165	5	→ 5.499	-	-	○ 2DC4A003
-	→ -	-	→ -	-	-	○ 2DC4A603
.2165	→ .2362	5.5	→ 5.999	-	-	○ 2DC4A004
.2362	→ .2559	6	→ 6.499	-	-	○ 2DC4A005
.2559	→ .2756	6.5	→ 6.999	-	-	○ 2DC4A006
.2756	→ .2952	7	→ 7.499	-	-	○ 2DC4A007
.2953	→ .3149	7.5	→ 7.999	-	-	○ 2DC4A008
.315	→ .3346	8	→ 8.499	-	-	○ 2DC4A009
.3346	→ .3543	8.5	→ 8.999	-	-	○ 2DC4A010
.3543	→ .374	9	→ 9.499	-	-	○ 2DC4A011
.374	→ .3937	9.5	→ 9.999	-	-	○ 2DC4A012
.3937	→ .4133	10	→ 10.499	-	-	○ 2DC4A013
.4134	→ .433	10.5	→ 10.999	-	-	○ 2DC4A014
.4331	→ .4527	11	→ 11.499	-	-	○ 2DC4A015
.4528	→ .4724	11.5	→ 11.999	-	-	○ 2DC4A016
.4724	→ .492	12	→ 12.499	-	-	○ 2DC4A017
.4921	→ .512	12.5	→ 13	-	-	○ 2DC4A018

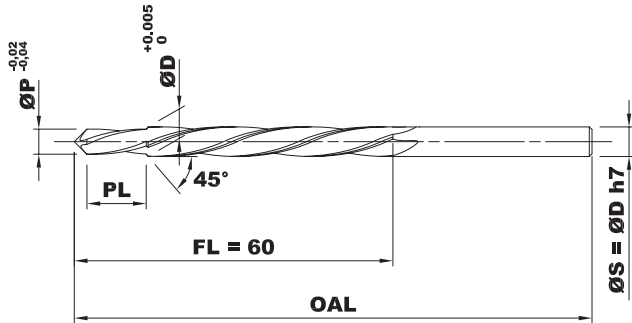
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.



Piloted reamer HSS-E 8% Co



Application:

Reaming with drill motors in all materials with a tensile strength lower than 1300N/mm². These reamers are designed with a pilot to center in the pre-hole.

Please indicate for the reamer and pilot, the diameter and tolerance required.

Tool geometry:

Left hand spiral 15°
Right hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium

P		PL		D				F	OAL		Item
inch	mm	inch	mm	inch		mm			inch	mm	
				mini	maxi	mini	maxi				
SHORT SERIES											
x	x	x	x	.1575	→ .1771	4	→ 4.499	4	3.937	100	○ 2DE1A019
-	-	-	-	.1575	→ .1771	4	→ 4.499	6	-	-	○ 2DE1A619
-	-	-	-	.1772	→ .1968	4.5	→ 4.999	4	-	-	○ 2DE1A020
-	-	-	-	.1772	→ .1968	4.5	→ 4.999	6	-	-	○ 2DE1A620
-	-	-	-	.1969	→ .2165	5	→ 5.499	4	-	-	○ 2DE1A021
-	-	-	-	.1969	→ .2165	5	→ 5.499	6	-	-	○ 2DE1A621
-	-	-	-	.2165	→ .2362	5.5	→ 5.999	-	-	-	○ 2DE1A022
-	-	-	-	.2362	→ .2559	6	→ 6.499	-	-	-	○ 2DE1A023
-	-	-	-	.2559	→ .2756	6.5	→ 6.999	-	-	-	○ 2DE1A024
-	-	-	-	.2756	→ .2952	7	→ 7.499	-	-	-	○ 2DE1A025
-	-	-	-	.2953	→ .3149	7.5	→ 7.999	-	-	-	○ 2DE1A026
-	-	-	-	.315	→ .3346	8	→ 8.499	-	-	-	○ 2DE1A027
-	-	-	-	.3346	→ .3543	8.5	→ 8.999	-	-	-	○ 2DE1A028
-	-	-	-	.3543	→ .374	9	→ 9.499	-	-	-	○ 2DE1A029
-	-	-	-	.374	→ .3937	9.5	→ 9.999	-	-	-	○ 2DE1A030
-	-	-	-	.3937	→ .4133	10	→ 10.499	-	-	-	○ 2DE1A031
LONG SERIES											
x	x	x	x	.1575	→ .1771	4	→ 4.499	4	5.1181	130	○ 2DE1A001
-	-	-	-	.1772	→ .1968	4.5	→ 4.999	-	-	-	○ 2DE1A002
-	-	-	-	.1969	→ .2165	5	→ 5.499	-	-	-	○ 2DE1A003
-	-	-	-	.2165	→ .2362	5.5	→ 5.999	6	-	-	○ 2DE1A004
-	-	-	-	.2362	→ .2559	6	→ 6.499	-	-	-	○ 2DE1A005
-	-	-	-	.2559	→ .2756	6.5	→ 6.999	-	-	-	○ 2DE1A006
-	-	-	-	.2756	→ .2952	7	→ 7.499	-	-	-	○ 2DE1A007
-	-	-	-	.2953	→ .3149	7.5	→ 7.999	-	-	-	○ 2DE1A008
-	-	-	-	.315	→ .3346	8	→ 8.499	-	-	-	○ 2DE1A009
-	-	-	-	.3346	→ .3543	8.5	→ 8.999	-	-	-	○ 2DE1A010
-	-	-	-	.3543	→ .374	9	→ 9.499	-	-	-	○ 2DE1A011
-	-	-	-	.374	→ .3937	9.5	→ 9.999	-	-	-	○ 2DE1A012
-	-	-	-	.3937	→ .4133	10	→ 10.499	-	-	-	○ 2DE1A013
-	-	-	-	.4134	→ .433	10.5	→ 10.999	-	-	-	○ 2DE1A014
-	-	-	-	.4331	→ .4527	11	→ 11.499	-	-	-	○ 2DE1A015
-	-	-	-	.4528	→ .4724	11.5	→ 11.999	-	-	-	○ 2DE1A016
-	-	-	-	.4724	→ .4921	12	→ 12.499	-	-	-	○ 2DE1A017
-	-	-	-	.4921	→ .5118	12.5	→ 13	-	-	-	○ 2DE1A018

● stored products ○ not stored products

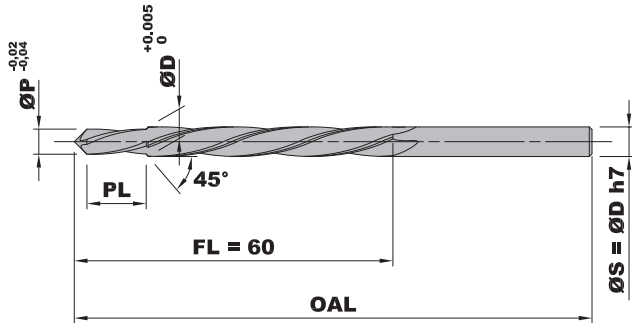
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Please, contact us for any request at request@nexam.aero.



Piloted reamer

Solid carbide



Application:

Reaming with drill motors in hard materials and composites. These reamers are designed with a pilot to center in the pre-hole.

Please indicate for the reamer and pilot, the diameter and tolerance required.

Tool geometry:

Left hand spiral 15°
Right hand cut
F = flute number

Tool material:

Solid carbide

For:

Aluminium, Composite, Titanium

P		PL		D				F	OAL		Item
inch	mm	inch	mm	inch		mm			inch	mm	
				mini	maxi	mini	maxi				
x	x	x	x	.1575	→ .1771	4	→ 4.499	4	3.937	100	○ 2DE4A001
-	-	-	-	.1575	→ .1771	4	→ 4.499	6	-	-	○ 2DE4A601
-	-	-	-	.1772	→ .1968	4.5	→ 4.999	4	-	-	○ 2DE4A002
-	-	-	-	.1772	→ .1968	4.5	→ 4.999	6	-	-	○ 2DE4A602
-	-	-	-	.1969	→ .2165	5	→ 5.499	4	-	-	○ 2DE4A003
-	-	-	-	.1969	→ .2165	5	→ 5.499	6	-	-	○ 2DE4A603
-	-	-	-	.2165	→ .2362	5.5	→ 5.999	-	-	-	○ 2DE4A004
-	-	-	-	.2362	→ .2559	6	→ 6.499	-	-	-	○ 2DE4A005
-	-	-	-	.2559	→ .2756	6.5	→ 6.999	-	-	-	○ 2DE4A006
-	-	-	-	.2756	→ .2952	7	→ 7.499	-	-	-	○ 2DE4A007
-	-	-	-	.2953	→ .3149	7.5	→ 7.999	-	-	-	○ 2DE4A008
-	-	-	-	.315	→ .3346	8	→ 8.499	-	-	-	○ 2DE4A009
-	-	-	-	.3346	→ .3543	8.5	→ 8.999	-	-	-	○ 2DE4A010
-	-	-	-	.3543	→ .374	9	→ 9.499	-	-	-	○ 2DE4A011
-	-	-	-	.374	→ .3937	9.5	→ 9.999	-	-	-	○ 2DE4A012
-	-	-	-	.3937	→ .4133	10	→ 10.499	-	-	-	○ 2DE4A013
-	-	-	-	.4134	→ .433	10.5	→ 10.999	-	-	-	○ 2DE4A014
-	-	-	-	.4331	→ .4527	11	→ 11.499	-	-	-	○ 2DE4A015
-	-	-	-	.4528	→ .4724	11.5	→ 11.999	-	-	-	○ 2DE4A016
-	-	-	-	.4724	→ .492	12	→ 12.499	-	-	-	○ 2DE4A017
-	-	-	-	.4921	→ .512	12.5	→ 13	-	-	-	○ 2DE4A018

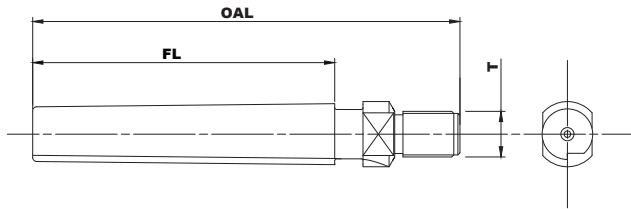
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.



Taper-Lok® hand reamer HSS-E 8% Co



Application:

Touching up of holes for the Taper-Lok® fasteners installation, either after a wrong reaming, or in the case of an oversizing. These tools must be used with our T handle (item 2ZB).

Tool geometry:

Straight flute
Right hand cut

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium

Dash	Group	Fastener to install	FL		OAL		T	Item
			inch	mm	inch	mm		
3	1	1-TLV945-3	1.2874	32.7	2.5591	65	5/16-24 UNF	○ 2DD1A001
	2	2-TLV945-3, 2-TLV946-3	1.7874	45.4	3.0315	77	-	○ 2DD1A002
	3	3-TLV945-3, 3-TLV946-3, 3-TLV947-3	2.2874	58.1	3.5433	90	-	○ 2DD1A003
	4	4-TLV946-3, 4-TLV947-3	-	-	-	-	-	○ 2DD1A004
	5	5-TLV947-3	-	-	-	-	-	○ 2DD1A005
4	1	1-TLV945-4	1.4126	35.88	2.6772	68	-	○ 2DD1A006
	2	2-TLV945-4, 2-TLV946-4	2.0374	51.75	3.3071	84	-	○ 2DD1A007
	3	3-TLV945-4, 3-TLV946-4, 3-TLV947-4	2.6626	67.63	3.937	100	-	○ 2DD1A008
	4	4-TLV945-4, 4-TLV946-4, 4-TLV947-4	2.85	72.39	4.0945	104	-	○ 2DD1A009
	5	5-TLV946-4, 5-TLV947-4	-	-	-	-	-	○ 2DD1A010
	6	6-TLV947-4	-	-	-	-	-	○ 2DD1A011
5	1	1-TLV945-5	1.4748	37.46	2.7165	69	7/16-20 UNF	○ 2DD1A012
	2	2-TLV945-5, 2-TLV946-5	2.1626	54.93	3.4252	87	-	○ 2DD1A013
	3	3-TLV945-5, 3-TLV946-5, 3-TLV947-5	2.85	72.39	4.0945	104	-	○ 2DD1A014
	4	4-TLV946-5, 4-TLV947-5	-	-	-	-	-	○ 2DD1A015
	5	5-TLV947-5	-	-	-	-	-	○ 2DD1A016
6	1	1-TLV945-6	1.5374	39.05	2.7953	71	-	○ 2DD1A017
	2	2-TLV945-6, 2-TLV946-6	2.2874	58.1	3.5433	90	-	○ 2DD1A018
	3	3-TLV945-6, 3-TLV946-6, 3-TLV947-3	3.0374	77.15	4.2913	109	-	○ 2DD1A019
	4	4-TLV946-6, 4-TLV947-6	-	-	-	-	-	○ 2DD1A020
	5	5-TLV947-6	-	-	-	-	-	○ 2DD1A021
7	1	1-TLV945-7	1.6626	42.23	2.9134	74	-	○ 2DD1A022
	2	2-TLV945-7, 2-TLV946-7	2.5374	64.45	3.7795	96	-	○ 2DD1A023
	3	3-TLV945-7, 3-TLV946-7, 3-TLV947-7	3.4126	86.68	4.685	119	-	○ 2DD1A024
	4	4-TLV945-7, 4-TLV946-7, 4-TLV947-7	4.2874	108.9	5.5512	141	-	○ 2DD1A025
	5	5-TLV946-7, 5-TLV946-7	-	-	-	-	-	○ 2DD1A026
	6	6-TLV947-7	-	-	-	-	-	○ 2DD1A027
8	1	1-TLV945-8	1.7874	45.4	3.0315	77	-	○ 2DD1A028
	2	2-TLV945-8, 2-TLV946-8	2.7874	70.8	4.0551	103	-	○ 2DD1A029
	3	3-TLV945-8, 3-TLV946-8, 3-TLV947-8	3.7874	96.2	5.0394	128	-	○ 2DD1A030
	4	4-TLV945-8, 4-TLV946-8, 4-TLV947-8	4.7874	121.6	6.063	154	-	○ 2DD1A031
	5	5-TLV946-8, 5-TLV947-8	-	-	-	-	-	○ 2DD1A032
	6	6-TLV947-8	-	-	-	-	-	○ 2DD1A033
9	1	1-TLV945-9	2.2874	58.1	3.5433	90	5/8-18 UNF	○ 2DD1A034
	2	2-TLV945-9, 2-TLV946-9	3.7874	96.2	5.0394	128	-	○ 2DD1A035
	3	3-TLV945-9, 3-TLV946-9, 3-TLV947-9	5.2874	134.3	6.5354	166	-	○ 2DD1A036
	4	4-TLV946-9, 4-TLV947-9	-	-	-	-	-	○ 2DD1A037
	5	5-TLV947-9	-	-	-	-	-	○ 2DD1A038

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

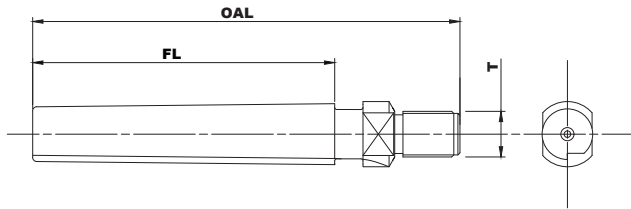
Please, contact us for any request at request@nexam.aero.



Taper-Lok® hand reamer

HSS-E 8% Co

2/2

**Application:**

Touching up of holes for the Taper-Lok® fasteners installation, either after a wrong reaming, or in the case of an oversizing. These tools must be used with our T handle (item 2ZB).

Tool geometry:

Straight flute
Right hand cut

Tool material:

High speed steel 8% Co (M42)

For:

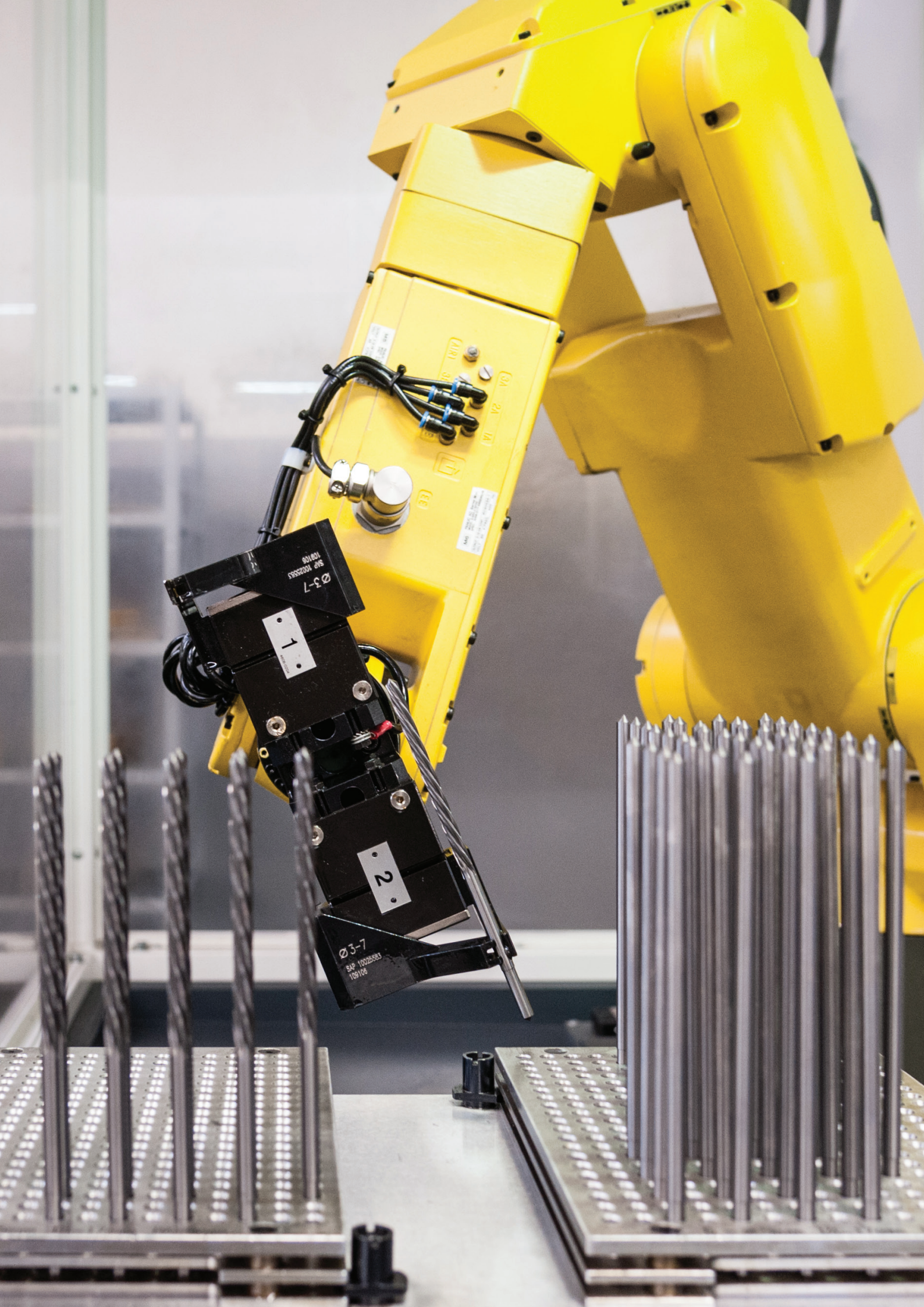
Aluminium

Dash	Group	Fastener to install	FL		OAL		T	Item
			inch	mm	inch	mm		
10	1	1-TLV945-10	2.4126	61.28	3.6614	93	5/8-18 UNF	○ 2DD1A039
	2	2-TLV945-10, 2-TLV946-10,	4.0374	102.55	5.315	135	-	○ 2DD1A040
	3	3-TLV945-10, 3-TLV946-10, 3-TLV947-10	5.6626	143.83	6.9291	176	-	○ 2DD1A041
	4	4-TLV946-10, 4-TLV947-10	-	-	-	-	-	○ 2DD1A042
	5	5-TLV947-10	-	-	-	-	-	○ 2DD1A043
12	1	1-TLV945-12	2.6626	67.63	3.937	100	3/4-16 UNF	○ 2DD1A044
	2	2-TLV945-12, 2-TLV946-12,	4.5374	115.25	5.7874	147	-	○ 2DD1A045
	3	3-TLV945-12, 3-TLV946-12, 3-TLV947-12	6.4126	162.88	7.6772	195	-	○ 2DD1A046
	4	4-TLV946-12, 4-TLV947-12	-	-	-	-	-	○ 2DD1A047
	5	5-TLV947-12	-	-	-	-	-	○ 2DD1A048
14	1	1-TLV945-14	3.0374	77.15	4.2913	109	-	○ 2DD1A049
	2	2-TLV945-14, 2-TLV946-14	5.2874	134.3	6.5354	166	-	○ 2DD1A050
	3	3-TLV945-14, 3-TLV946-14, 3-TLV947-14	6.7874	172.4	8.0315	204	-	○ 2DD1A051
	4	4-TLV946-14, 4-TLV947-14	-	-	-	-	-	○ 2DD1A052
	5	5-TLV947-14	-	-	-	-	-	○ 2DD1A053
16	1	1-TLV945-16	3.2874	83.5	4.5669	116	-	○ 2DD1A054
	2	2-TLV945-16, 2-TLV946-16	5.7874	147	7.0472	179	-	○ 2DD1A055
	3	3-TLV945-16, 3-TLV946-16, 3-TLV947-16	8.2874	210.5	9.5669	243	-	○ 2DD1A056
	4	4-TLV946-16, 4-TLV947-16	-	-	-	-	-	○ 2DD1A057
	5	5-TLV947-16	-	-	-	-	-	○ 2DD1A058

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

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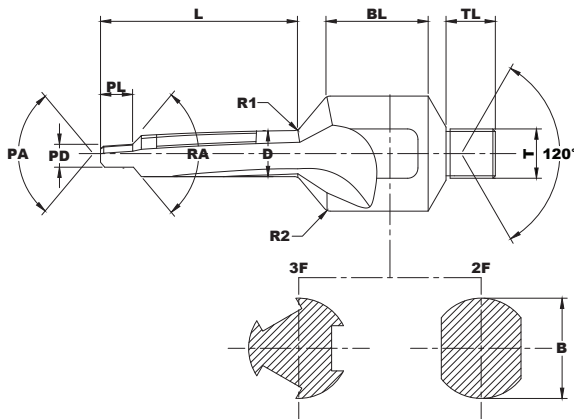
Assembly tools

Reamer countersink

2FA	Hi-Lok reamer countersink	108
2FC	Taper-Lok reamer countersink	109

Hi-Lok reamer countersink

SPECIAL SERVICE ON REQUEST



Application:

From a drilling, our reamer countersink combinations allow to realize in one shot the cylindrical reaming and the countersinking of the holes for Hi-Lok® fasteners installation.

Tool geometry:

Left or right helix

Tool material:

High speed steel 8% Co (M42), carbide or carbide with PCD countersink

For:

Aluminium

D		B		DL		T	OAL		Item
inch	mm	inch	mm	inch	mm		inch	mm	
ON REQUEST									
.	○ 2FA0A000
							● stored products ○ not stored products		

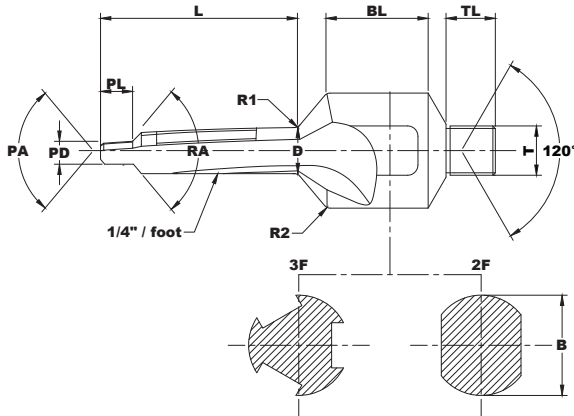
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Taper-Lok reamer countersink

SPECIAL SERVICE ON REQUEST



Application:

From a drilling, our reamer countersink combinations allow to realize in one shot the tapered reaming and the countersinking of the holes for Taper-Lok® fasteners installation.

Tool geometry:

Left or right helix

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium

D		B		DL		T	OAL		Item
inch	mm	inch	mm	inch	mm		inch	mm	
ON REQUEST									
.	○ 2FC0A000
							● stored products ○ not stored products		


Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

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Assembly tools

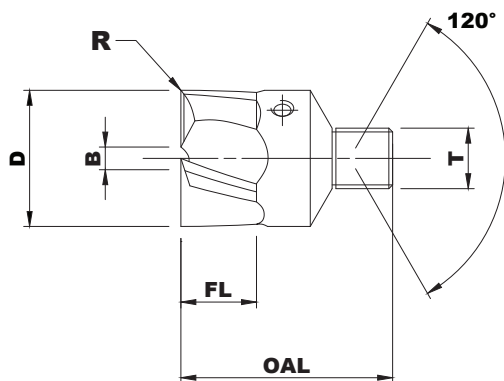
Counterbores & Back spotfacers

2GB	Counterbore for metric microstop cages <i>HSS-E 8% Co and carbide</i>	113
2GC	Countebore for inch microstop cages <i>HSS-E 8% Co and carbide</i>	116
2GD	Back stopfacer – Bayonet lock type <i>HSS-E 8% Co and carbide – Bayonet lock type</i>	119
2GE	Back stopfacer with thread <i>HSS-E 8% Co</i>	 124



Counterbore for metric microstop cages

HSS-E 8% Co



Application:

These counterbores are designed for metric microstop cages. To use with our removable pilots (item 2YA). Within a very short delivery time, we can modify the counterbores of this range to meet your exact requirements.

Tool geometry:

Right hand spiral 15°
 Right hand cut
 F = flute number
 Body = 10 for D ≤ 10mm

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		B		F	R		T	FL		OAL		Item
inch	mm	inch	mm		inch	mm		inch	mm	inch	mm	
.1969	5	.0787	2	4	.0197	0,5	M6 x 100	.2362	6	1.1024	28	● 2GB1A001
7/32 (.2187)	5.556	-	-	-	-	-	-	-	-	-	-	○ 2GB1A002
.2362	6	-	-	-	-	-	-	.2756	7	-	-	● 2GB1A003
1/4 (.25)	6.35	-	-	-	-	-	-	-	-	-	-	○ 2GB1A004
.2756	7	-	-	-	-	-	-	.315	8	-	-	● 2GB1A005
5/16 (.3125)	7.938	-	-	-	-	-	-	-	-	-	-	○ 2GB1A006
.315	8	-	-	-	-	-	-	.3543	9	-	-	● 2GB1A007
-	-	-	-	-	.0394	1	-	-	-	-	-	● 2GB1A107
.3543	9	-	-	-	.0197	0,5	-	.3937	10	-	-	● 2GB1A008
3/8 (.375)	9.525	-	-	-	-	-	-	-	-	-	-	○ 2GB1A009
.3937	10	-	-	-	-	-	-	.4134	10.5	-	-	● 2GB1A010
.4331	11	.1181	3	-	-	-	M8 x 100	-	-	-	-	● 2GB1A011
7/16 (.4375)	11.113	-	-	-	-	-	-	-	-	-	-	○ 2GB1A012
.4724	12	-	-	-	-	-	-	-	-	-	-	● 2GB1A013
1/2 (.5)	12.7	-	-	-	-	-	-	-	-	-	-	○ 2GB1A014
.5118	13	-	-	-	-	-	-	-	-	-	-	● 2GB1A015
.5512	14	-	-	-	-	-	-	-	-	-	-	● 2GB1A016
9/16 (.5625)	14.288	-	-	-	-	-	-	-	-	-	-	● 2GB1A017
.5906	15	.1575	4	-	-	-	-	-	-	-	-	● 2GB1A018
-	-	-	-	-	.0787	2	-	-	-	-	-	● 2GB1A218
5/8 (.625)	15.875	-	-	-	.0197	0,5	-	-	-	-	-	○ 2GB1A019
.6299	16	-	-	-	-	-	-	-	-	-	-	● 2GB1A020
-	-	-	-	-	.0787	2	-	-	-	-	-	● 2GB1A220
.6693	17	-	-	-	.0197	0,5	-	-	-	-	-	● 2GB1A021
-	-	-	-	-	.0787	2	-	-	-	-	-	● 2GB1A221
11/16 (.6875)	17.463	-	-	-	.0197	0,5	-	-	-	-	-	○ 2GB1A022
.7087	18	-	-	-	-	-	-	-	-	-	-	● 2GB1A023
-	-	-	-	-	.0787	2	-	-	-	-	-	● 2GB1A223
.748	19	-	-	-	.0197	0,5	-	-	-	-	-	● 2GB1A024
3/4 (.75)	19.05	-	-	-	-	-	-	-	-	-	-	○ 2GB1A025
.7874	20	-	-	-	-	-	-	-	-	-	-	● 2GB1A026
-	-	-	-	-	.0787	2	-	-	-	-	-	● 2GB1A226
.8268	21	-	-	-	.0197	0,5	-	-	-	-	-	● 2GB1A027

● stored products ○ not stored products

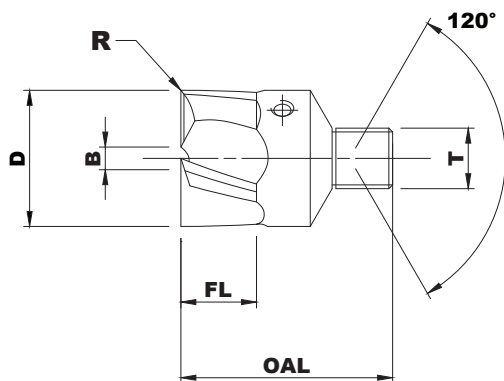
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Please, contact us for any request at request@nexam.aero.



Counterbore for metric microstop cages

HSS-E 8% Co



Application:

These counterbores are designed for metric microstop cages. To use with our removable pilots (item 2YA). Within a very short delivery time, we can modify the counterbores of this range to meet your exact requirements.

Tool geometry:

Right hand spiral 15°
 Right hand cut
 F = flute number
 Body = 10 for D ≤ 10mm

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		B		F	R		T	FL		OAL		Item
inch	mm	inch	mm		inch	mm		inch	mm	inch	mm	
.8661	22	.1969	5	4	.0197	0,5	M10 x 100	.6693	17	1.6535	42	● 2GB1A028
7/8 (.875)	22.225	-	-	-	-	-	-	-	-	-	-	● 2GB1A029
.9055	23	-	-	-	-	-	-	-	-	-	-	● 2GB1A030
.9449	24	-	-	-	-	-	-	-	-	-	-	● 2GB1A031
.9843	25	-	-	-	-	-	-	-	-	-	-	● 2GB1A032
1	25.4	-	-	-	-	-	-	-	-	-	-	○ 2GB1A033
1.0236	26	-	-	-	-	-	-	-	-	-	-	● 2GB1A034
1.1024	28	-	-	-	-	-	-	-	-	-	-	● 2GB1A035
1-1/8 (1.125)	28.575	-	-	-	-	-	-	-	-	-	-	○ 2GB1A036
1.1811	30	-	-	-	-	-	-	-	-	-	-	○ 2GB1A037
1-1/4 (1.25)	31.75	-	-	-	-	-	-	-	-	-	-	○ 2GB1A038
1.2598	32	-	-	-	-	-	-	-	-	-	-	● 2GB1A039
1.3386	34	-	-	-	-	-	-	-	-	-	-	● 2GB1A040
1-3/8 (1.375)	34.925	-	-	-	-	-	-	-	-	-	-	○ 2GB1A041
1.378	35	-	-	-	-	-	-	-	-	-	-	○ 2GB1A042
1.4173	36	-	-	-	-	-	-	-	-	-	-	○ 2GB1A043
1-7/16 (1.4375)	36.513	-	-	-	-	-	-	-	-	-	-	○ 2GB1A044
1.4961	38	-	-	-	-	-	-	-	-	-	-	○ 2GB1A045
1-1/2 (1.5)	38.1	-	-	-	-	-	-	-	-	-	-	○ 2GB1A046

● stored products ○ not stored products

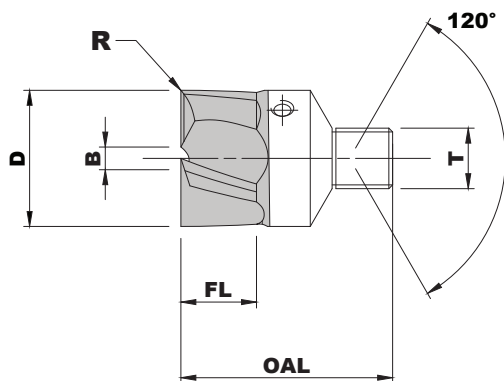
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Please, contact us for any request at request@nexam.aero.



Counterbore for metric microstop cages

Carbide tipped or carbide butt



Application:

These counterbores are designed for metric microstop cages. To use with our removable pilots (item 2YA). Within a very short delivery time, we can modify the counterbores of this range to meet your exact requirements.

Tool geometry:

Right hand spiral 15°
 Right hand cut
 F = flute number

Tool material:

Carbide tipped or carbide butt

For:

Aluminium, (Composite), Titanium

D		B		F	R		T	FL		OAL		Item
inch	mm	inch	mm		inch	mm		inch	mm	inch	mm	
.3937	10	.0787	2	4	.0197	0,5	M6 x 100	.4134	10.5	1.1024	28	● 2GB3A030
.4331	11	.1181	3	-	-	-	M8 x 100	-	-	-	-	● 2GB3A031
7/16 (.4375)	11.113	-	-	-	-	-	-	-	-	-	-	○ 2GB3A032
.4724	12	-	-	-	-	-	-	-	-	-	-	● 2GB3A033
1/2 (.5)	12.7	-	-	-	-	-	-	-	-	-	-	○ 2GB3A034
.5118	13	-	-	-	-	-	-	-	-	-	-	● 2GB3A035
.5512	14	-	-	-	-	-	-	-	-	-	-	● 2GB3A036
9/16 (.5625)	14.288	-	-	-	-	-	-	-	-	-	-	○ 2GB3A037
.5906	15	.1575	4	-	-	-	-	-	-	-	-	● 2GB3A001
5/8 (.625)	15.875	-	-	-	-	-	-	-	-	-	-	○ 2GB3A002
.6299	16	-	-	-	-	-	-	-	-	-	-	● 2GB3A003
.6693	17	-	-	-	-	-	-	-	-	-	-	● 2GB3A004
11/16 (.6875)	17.463	-	-	-	-	-	-	-	-	-	-	○ 2GB3A005
.7087	18	-	-	-	-	-	-	-	-	-	-	● 2GB3A006
.748	19	-	-	-	-	-	-	-	-	-	-	○ 2GB3A007
3/4 (.75)	19.05	-	-	-	-	-	-	-	-	-	-	○ 2GB3A008
.7874	20	-	-	-	-	-	-	-	-	-	-	● 2GB3A009
.8268	21	-	-	-	-	-	-	-	-	-	-	● 2GB3A010
.8661	22	.1969	5	-	-	-	M10 x 100	-	-	1.6535	42	● 2GB3A011
7/8 (.875)	22.225	-	-	-	-	-	-	-	-	-	-	○ 2GB3A012
.9055	23	-	-	-	-	-	-	-	-	-	-	○ 2GB3A013
.9449	24	-	-	-	-	-	-	-	-	-	-	● 2GB3A014
.9843	25	-	-	-	-	-	-	-	-	-	-	○ 2GB3A015
1	25.4	-	-	-	-	-	-	-	-	-	-	○ 2GB3A016
1.0236	26	-	-	-	-	-	-	-	-	-	-	○ 2GB3A017
1.1024	28	-	-	-	-	-	-	-	-	-	-	○ 2GB3A018
1-1/8 (1.125)	28.575	-	-	-	-	-	-	-	-	-	-	○ 2GB3A019
1.1811	30	-	-	-	-	-	-	-	-	-	-	○ 2GB3A020
1-1/4 (1.25)	31.75	-	-	-	-	-	-	-	-	-	-	○ 2GB3A021
1.2598	32	-	-	-	-	-	-	-	-	-	-	○ 2GB3A022
1.3386	34	-	-	-	-	-	-	-	-	-	-	○ 2GB3A023
1-3/8 (1.375)	34.925	-	-	-	-	-	-	-	-	-	-	○ 2GB3A024
1.378	35	-	-	-	-	-	-	-	-	-	-	○ 2GB3A025
1.4173	36	-	-	-	-	-	-	-	-	-	-	○ 2GB3A026
1-7/16 (1.4375)	36.513	-	-	-	-	-	-	-	-	-	-	○ 2GB3A027
1.4961	38	-	-	-	-	-	-	-	-	-	-	○ 2GB3A028
1-1/2 (1.5)	38.1	-	-	-	-	-	-	-	-	-	-	○ 2GB3A029

● stored products ○ not stored products

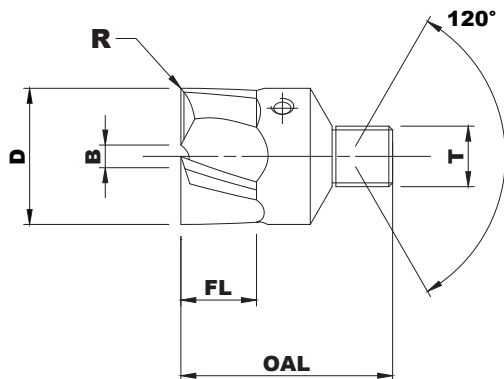
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Please, contact us for any request at request@nexam.aero.



Counterbore for inch microstop cages

HSS-E 8% Co



Application:

These counterbores are designed for inch microstop cages. To use with our removable pilots (item 2YA). Within a very short delivery time, we can modify the counterbores of this range to meet your exact requirements.

Tool geometry:

Right hand spiral 15°
 Right hand cut
 F = flute number
 Body = 10 pour $D \leq 10\text{mm}$

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		B		F	R		T	FL		OAL		Item
inch	mm	inch	mm		inch	mm		inch	mm	inch	mm	
.1969	5	.0787	2	4	.0197	0,5	1/4-28 UNF	.2362	6	1.1024	28	○ 2GC1A001
7/32 (.2188)	5.556	-	-	-	-	-	-	-	-	-	-	○ 2GC1A002
.2362	6	-	-	-	-	-	-	.2756	7	-	-	○ 2GC1A003
1/4 (.25)	6.35	-	-	-	-	-	-	-	-	-	-	○ 2GC1A004
.2756	7	-	-	-	-	-	-	.315	8	-	-	○ 2GC1A005
5/16 (.3125)	7.938	-	-	-	-	-	-	-	-	-	-	○ 2GC1A006
.315	8	-	-	-	-	-	-	.3543	9	-	-	○ 2GC1A007
.3543	9	-	-	-	-	-	-	.3937	10	-	-	○ 2GC1A008
3/8 (.375)	9.525	-	-	-	-	-	-	-	-	-	-	○ 2GC1A009
.3937	10	-	-	-	-	-	-	.4134	10.5	-	-	○ 2GC1A010
.4331	11	.1181	3	-	-	-	-	-	-	-	-	○ 2GC1A011
7/16 (.4375)	11.113	-	-	-	-	-	-	-	-	-	-	○ 2GC1A012
.4724	12	-	-	-	-	-	-	-	-	-	-	○ 2GC1A013
1/2 (.5)	12.7	-	-	-	-	-	-	-	-	-	-	○ 2GC1A014
.5118	13	-	-	-	-	-	-	-	-	-	-	○ 2GC1A015
.5512	14	-	-	-	-	-	-	-	-	-	-	○ 2GC1A016
9/16 (.5625)	14.288	-	-	-	-	-	-	-	-	-	-	○ 2GC1A017
.5906	15	.1575	4	-	-	-	-	-	-	-	-	○ 2GC1A018
5/8 (.625)	15.875	-	-	-	-	-	-	-	-	-	-	○ 2GC1A019
.6299	16	-	-	-	-	-	-	-	-	-	-	○ 2GC1A020
.6693	17	-	-	-	-	-	-	-	-	-	-	○ 2GC1A021

● stored products ○ not stored products

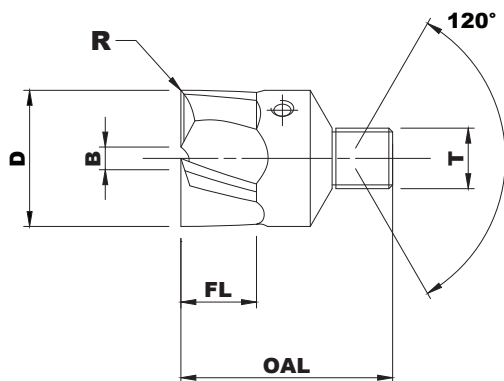
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Counterbore for inch microstop cages

HSS-E 8% Co



Application:

These counterbores are designed for inch microstop cages. To use with our removable pilots (item 2YA). Within a very short delivery time, we can modify the counterbores of this range to meet your exact requirements.

Tool geometry:

Right hand spiral 15°
 Right hand cut
 F = flute number
 Body = 10 pour $D \leq 10\text{mm}$

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		B		F	R		T	FL		OAL		Item
inch	mm	inch	mm		inch	mm		inch	mm	inch	mm	
11/16 (.6875)	17.463	.1575	4	4	.0197	0,5	3/8-24 UNF	.4134	10.5	1.1024	28	o 2GC1A022
.7087	18	-	-	-	-	-	-	-	-	-	-	o 2GC1A023
.748	19	-	-	-	-	-	-	-	-	-	-	o 2GC1A024
3/4 (.75)	19.05	-	-	-	-	-	-	-	-	-	-	o 2GC1A025
.7874	20	-	-	-	-	-	-	-	-	-	-	o 2GC1A026
.8268	21	-	-	-	-	-	-	-	-	-	-	o 2GC1A027
.8661	22	.1969	5	-	-	-	-	.6693	17	1.6535	42	o 2GC1A028
7/8 (.875)	22.225	-	-	-	-	-	-	-	-	-	-	o 2GC1A029
.9055	23	-	-	-	-	-	-	-	-	-	-	o 2GC1A030
.9449	24	-	-	-	-	-	-	-	-	-	-	o 2GC1A031
.9843	25	-	-	-	-	-	-	-	-	-	-	o 2GC1A032
1	25.4	-	-	-	-	-	-	-	-	-	-	o 2GC1A033
1.0236	26	-	-	-	-	-	-	-	-	-	-	o 2GC1A034
1.1024	28	-	-	-	-	-	-	-	-	-	-	o 2GC1A035
1-1/8 (1.125)	28.575	-	-	-	-	-	-	-	-	-	-	o 2GC1A036
1.1811	30	-	-	-	-	-	-	-	-	-	-	o 2GC1A037
1-1/4 (1.25)	31.75	-	-	-	-	-	-	-	-	-	-	o 2GC1A038
1.2598	32	-	-	-	-	-	-	-	-	-	-	o 2GC1A039
1.3386	34	-	-	-	-	-	-	-	-	-	-	o 2GC1A040
1-3/8 (1.375)	34.925	-	-	-	-	-	-	-	-	-	-	o 2GC1A041
1.378	35	-	-	-	-	-	-	-	-	-	-	o 2GC1A042
1.4173	36	-	-	-	-	-	-	-	-	-	-	o 2GC1A043
1-7/16 (1.4375)	36.513	-	-	-	-	-	-	-	-	-	-	o 2GC1A044
1.4961	38	-	-	-	-	-	-	-	-	-	-	o 2GC1A045
1-1/2 (1.5)	38.1	-	-	-	-	-	-	-	-	-	-	o 2GC1A046

● stored products ○ not stored products

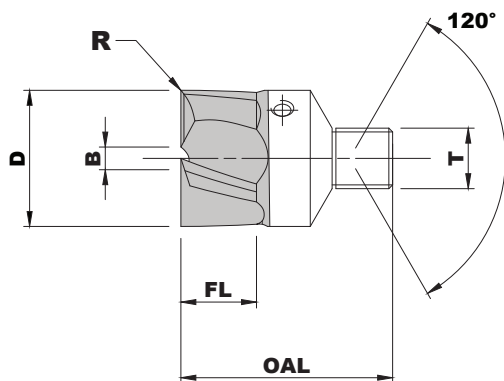
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Counterbore for inch microstop cages

Carbide tipped or carbide butt



Application:

These counterbores are designed for inch microstop cages. To use with our removable pilots (item 2YA). Within a very short delivery time, we can modify the counterbores of this range to meet your exact requirements.

Tool geometry:

Right hand spiral 15°
 Right hand cut
 F = flute number

Tool material:

Carbide tipped or carbide butt

For:

Aluminium, (Composite), Titanium

D		B		F	R		T	FL		OAL		Item
inch	mm	inch	mm		inch	mm		inch	mm	inch	mm	
.5906	15	.1575	4	4	.0197	0,5	1/4-28 UNF	.4134	10.5	1.1024	28	○ 2GC3A001
5/8 (.625)	15.875	-	-	-	-	-	-	-	-	-	-	○ 2GC3A002
.6299	16	-	-	-	-	-	-	-	-	-	-	○ 2GC3A003
.6693	17	-	-	-	-	-	-	-	-	-	-	○ 2GC3A004
11/16 (.6875)	17.463	-	-	-	-	-	3/8-24 UNF	-	-	-	-	○ 2GC3A005
.7087	18	-	-	-	-	-	-	-	-	-	-	○ 2GC3A006
.748	19	-	-	-	-	-	-	-	-	-	-	○ 2GC3A007
3/4 (.75)	19.05	-	-	-	-	-	-	-	-	-	-	○ 2GC3A008
.7874	20	-	-	-	-	-	-	-	-	-	-	○ 2GC3A009
.8268	21	-	-	-	-	-	-	-	-	-	-	○ 2GC3A010
.8661	22	.1969	5	-	-	-	-	-	-	-	-	○ 2GC3A011
7/8 (.875)	22.225	-	-	-	-	-	-	-	-	-	-	○ 2GC3A012
.9055	23	-	-	-	-	-	-	-	-	-	-	○ 2GC3A013
.9449	24	-	-	-	-	-	-	-	-	-	-	○ 2GC3A014
.9843	25	-	-	-	-	-	-	-	-	-	-	○ 2GC3A015
1	25.4	-	-	-	-	-	-	-	-	-	-	○ 2GC3A016
1.0236	26	-	-	-	-	-	-	-	-	-	-	○ 2GC3A017
1.1024	28	-	-	-	-	-	-	-	-	-	-	○ 2GC3A018
1-1/8 (1.125)	28.575	-	-	-	-	-	-	-	-	-	-	○ 2GC3A019
1.1811	30	-	-	-	-	-	-	-	-	-	-	○ 2GC3A020
1-1/4 (1.25)	31.75	-	-	-	-	-	-	-	-	-	-	○ 2GC3A021
1.2598	32	-	-	-	-	-	-	-	-	-	-	○ 2GC3A022
1.3386	34	-	-	-	-	-	-	-	-	-	-	○ 2GC3A023
1-3/8 (1.375)	34.925	-	-	-	-	-	-	-	-	-	-	○ 2GC3A024
1.378	35	-	-	-	-	-	-	-	-	-	-	○ 2GC3A025
1.4173	36	-	-	-	-	-	-	-	-	-	-	○ 2GC3A026
1-7/16 (1.4375)	36.513	-	-	-	-	-	-	-	-	-	-	○ 2GC3A027
1.4961	38	-	-	-	-	-	-	-	-	-	-	○ 2GC3A028
1-1/2 (1.5)	38.1	-	-	-	-	-	-	-	-	-	-	○ 2GC3A029

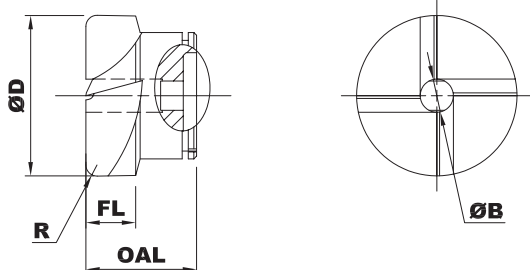
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Back spotfacer Bayonet lock type – HSS-E 8% Co



Application:

To use with our bayonet lock type pilots (item 2YB). Within a very short delivery time, we can modify the back spotfacers of this range to meet your exact requirements.

Tool geometry:

Left hand spiral 15°
Left hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		B		F	R		FL		OAL		Item
inch	mm	inch	mm		inch	mm	inch	mm	inch	mm	
.315	8	.0984	2.5	4	.0394	1	.1575	4	.3937	10	● 2GD1A165
.3937	10	-	-	-	.0197	0,5	-	-	-	-	● 2GD1A066
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A266
.4331	11	-	-	-	-	-	-	-	-	-	● 2GD1A267
.4724	12	-	-	-	.0394	1	-	-	-	-	● 2GD1A168
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A268
.5512	14	-	-	-	.0394	1	-	-	-	-	● 2GD1A169
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A269
.6299	16	-	-	-	-	-	-	-	-	-	○ 2GD1A271
5/16 (.3125)	7.938	.1181	3	-	.0197	0,5	-	-	-	-	○ 2GD1A001
.315	8	-	-	-	.0787	2	-	-	-	-	● 2GD1A002
-	-	-	-	-	.0197	0,5	-	-	-	-	● 2GD1A003
.3543	9	-	-	-	-	-	-	-	-	-	○ 2GD1A004
3/8 (.375)	9.525	-	-	-	-	-	-	-	-	-	○ 2GD1A004
.3937	10	-	-	-	-	-	-	-	-	-	● 2GD1A005
-	-	-	-	-	.0394	1	-	-	-	-	● 2GD1A105
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A205
.4331	11	-	-	-	.0197	0,5	-	-	-	-	● 2GD1A006
7/16 (.4375)	11.113	-	-	-	-	-	-	-	-	-	○ 2GD1A007
.4724	12	-	-	-	-	-	-	-	-	-	● 2GD1A008
-	-	-	-	-	.0394	1	-	-	-	-	● 2GD1A108
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A208
1/2 (.5)	12.7	-	-	-	.0197	0,5	-	-	-	-	○ 2GD1A009
.5118	13	-	-	-	-	-	-	-	-	-	● 2GD1A010
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A210
.5512	14	-	-	-	.0197	0,5	-	-	-	-	● 2GD1A011
-	-	-	-	-	.0394	1	-	-	-	-	● 2GD1A111
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A211
9/16 (.5625)	14.288	-	-	-	.0197	0,5	-	-	-	-	○ 2GD1A052
.5906	15	-	-	-	-	-	-	-	-	-	● 2GD1A053
-	-	-	-	-	.0394	1	-	-	-	-	● 2GD1A153
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A253
5/8 (.625)	15.875	-	-	-	.0197	0,5	-	-	-	-	○ 2GD1A054
.6299	16	-	-	-	-	-	-	-	-	-	● 2GD1A055
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A255

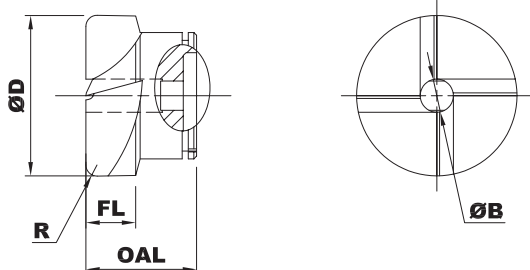
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Back spotfacer Bayonet lock type – HSS-E 8% Co



Application:

To use with our bayonet lock type pilots (item 2YB). Within a very short delivery time, we can modify the back spotfacers of this range to meet your exact requirements.

Tool geometry:

Left hand spiral 15°
Left hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		B		F	R		FL		OAL		Item
inch	mm	inch	mm		inch	mm	inch	mm	inch	mm	
.6693	17	.1181	3	4	.0197	0,5	.1575	4	.3937	10	● 2GD1A056
-	-	-	-	-	.0394	1	-	-	-	-	● 2GD1A156
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A256
11/16 (.6875)	17.463	-	-	-	.0197	0,5	-	-	-	-	○ 2GD1A057
.7087	18	-	-	-	-	-	-	-	-	-	● 2GD1A058
-	-	-	-	-	.0394	1	-	-	-	-	● 2GD1A158
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A258
.748	19	-	-	-	.0197	0,5	-	-	-	-	● 2GD1A059
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A259
3/4 (.75)	19.05	-	-	-	.0197	0,5	-	-	-	-	○ 2GD1A060
.7874	20	-	-	-	-	-	-	-	-	-	● 2GD1A061
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A261
.3937	10	.1575	4	-	-	-	.2362	6	.6299	16	● 2GD1A262
.4724	12	-	-	-	-	-	-	-	-	-	● 2GD1A263
.5512	14	-	-	-	.0197	0,5	-	-	-	-	● 2GD1A051
-	-	-	-	-	.0394	1	-	-	-	-	● 2GD1A151
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A251
9/16 (.5625)	14.288	-	-	-	.0197	0,5	-	-	-	-	○ 2GD1A012
.5906	15	-	-	-	-	-	-	-	-	-	● 2GD1A013
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A213
5/8 (.625)	15.875	-	-	-	.0197	0,5	-	-	-	-	○ 2GD1A014
.6299	16	-	-	-	-	-	-	-	-	-	● 2GD1A015
-	-	-	-	-	.0394	1	-	-	-	-	● 2GD1A115
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A215
.6693	17	-	-	-	.0197	0,5	-	-	-	-	● 2GD1A016
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A216
11/16 (.6875)	17.463	-	-	-	.0197	0,5	-	-	-	-	○ 2GD1A017
.7087	18	-	-	-	-	-	-	-	-	-	● 2GD1A018
-	-	-	-	-	.0394	1	-	-	-	-	● 2GD1A118
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A218
.748	19	-	-	-	.0197	0,5	-	-	-	-	● 2GD1A019
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A219
3/4 (.75)	19.05	-	-	-	.0197	0,5	-	-	-	-	○ 2GD1A020
.7874	20	-	-	-	-	-	-	-	-	-	● 2GD1A021
-	-	-	-	-	.0394	1	-	-	-	-	● 2GD1A121
-	-	-	-	-	.0787	2	-	-	-	-	● 2GD1A221
13/16 (.8125)	20.638	-	-	-	.0197	0,5	-	-	-	-	○ 2GD1A022

● stored products ○ not stored products

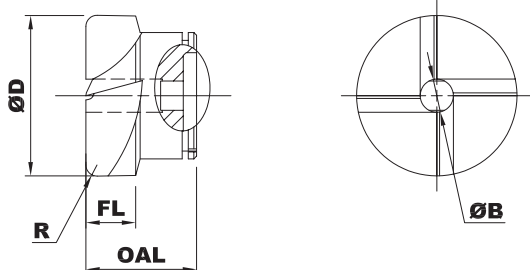
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Back spotfacer

Bayonet lock type – HSS-E 8% Co



Application:

To use with our bayonet lock type pilots (item 2YB). Within a very short delivery time, we can modify the back spotfacers of this range to meet your exact requirements.

Tool geometry:

Left hand spiral 15°
Left hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		B		F	R		FL		OAL		Item
inch	mm	inch	mm		inch	mm	inch	mm	inch	mm	
.748	19	.1969	5	4	.0787	2	.315	8	.7087	18	● 2GD1A264
.8268	21	-	-	-	.0197	0,5	-	-	-	-	● 2GD1A023
.8661	22	-	-	-	-	-	-	-	-	-	● 2GD1A024
7/8 (.875)	22.225	-	-	-	-	-	-	-	-	-	○ 2GD1A025
.9055	23	-	-	-	-	-	-	-	-	-	○ 2GD1A026
15/16 (.9375)	23.812	-	-	-	-	-	-	-	-	-	○ 2GD1A027
.9449	24	-	-	-	-	-	-	-	-	-	● 2GD1A028
.9843	25	-	-	-	-	-	-	-	-	-	● 2GD1A029
1	25.4	-	-	-	-	-	-	-	-	-	○ 2GD1A030
1.0236	26	.2362	6	-	-	-	.3937	10	.7874	20	● 2GD1A031
1-1/16 (1.0629)	26.998	-	-	-	-	-	-	-	-	-	○ 2GD1A032
1.1024	28	-	-	-	-	-	-	-	-	-	● 2GD1A033
1-1/8 (1.125)	28.575	-	-	-	-	-	-	-	-	-	○ 2GD1A034
1.1417	29	-	-	-	-	-	-	-	-	-	○ 2GD1A035
1.1811	30	-	-	-	-	-	-	-	-	-	○ 2GD1A036
1-3/16 (1.1875)	30.162	-	-	-	-	-	-	-	-	-	○ 2GD1A037
1.2205	31	-	-	-	-	-	-	-	-	-	○ 2GD1A038
1-1/4 (1.25)	31.75	-	-	-	-	-	-	-	-	-	○ 2GD1A039
1.2598	32	-	-	-	-	-	-	-	-	-	○ 2GD1A040
1.2992	33	-	-	-	-	-	-	-	-	-	○ 2GD1A041
1-5/16 (1.3125)	33.338	-	-	-	-	-	-	-	-	-	○ 2GD1A042
1.3386	34	-	-	-	-	-	-	-	-	-	○ 2GD1A043
1-3/8 (1.375)	34.925	-	-	-	-	-	-	-	-	-	○ 2GD1A044
1.378	35	-	-	-	-	-	-	-	-	-	○ 2GD1A045
1.4173	36	-	-	-	-	-	-	-	-	-	○ 2GD1A046
1-7/16 (1.4375)	36.513	-	-	-	-	-	-	-	-	-	○ 2GD1A047
1.4567	37	-	-	-	-	-	-	-	-	-	○ 2GD1A048
1.4961	38	-	-	-	-	-	-	-	-	-	○ 2GD1A049
1-1/2 (1.5)	38.1	-	-	-	-	-	-	-	-	-	○ 2GD1A050

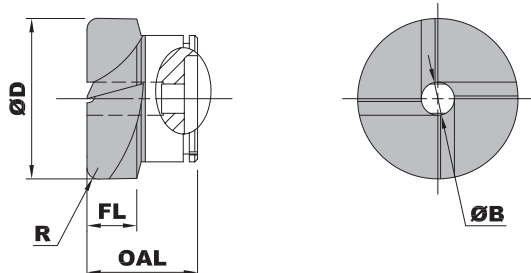
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Back spotfacer Bayonet lock type – Carbide



Application:

To use with our bayonet lock type pilots (item 2YB). Within a very short delivery time, we can modify the counterbores of this range to meet your exact requirements.

Tool geometry:

Right hand spiral 15°
Left hand cut
F = flute number

Tool material:

Carbide butt

For:

Aluminium, (Composite), Titanium

D		B		F	R		FL		OAL		Item
inch	mm	inch	mm		inch	mm	inch	mm	inch	mm	
.3937	10	.1181	3	4	.0197	0,5	.1575	4	.3937	10	● 2GD3A001
.4331	11	-	-	-	-	-	-	-	-	-	○ 2GD3A002
7/16 (.4375)	11.113	-	-	-	-	-	-	-	-	-	○ 2GD3A003
.4724	12	-	-	-	-	-	-	-	-	-	● 2GD3A004
1/2 (.5)	12.7	-	-	-	-	-	-	-	-	-	○ 2GD3A005
.5118	13	-	-	-	-	-	-	-	-	-	○ 2GD3A006
.5512	14	-	-	-	-	-	-	-	-	-	● 2GD3A007
9/16 (.5625)	14.288	-	-	-	-	-	-	-	-	-	● 2GD3A008
.5906	15	-	-	-	-	-	-	-	-	-	● 2GD3A009
5/8 (.625)	15.875	-	-	-	-	-	-	-	-	-	○ 2GD3A010
.6299	16	-	-	-	-	-	-	-	-	-	○ 2GD3A011
.5512	14	.1575	4	-	-	-	.2362	6	.6299	16	● 2GD3A051
9/16 (.5625)	14.288	-	-	-	-	-	-	-	-	-	○ 2GD3A012
.5906	15	-	-	-	-	-	-	-	-	-	● 2GD3A013
5/8 (.625)	15.875	-	-	-	-	-	-	-	-	-	○ 2GD3A014
.6299	16	-	-	-	-	-	-	-	-	-	● 2GD3A015
.6693	17	-	-	-	-	-	-	-	-	-	○ 2GD3A016
11/16 (.6875)	17.463	-	-	-	-	-	-	-	-	-	○ 2GD3A017
.7087	18	-	-	-	-	-	-	-	-	-	● 2GD3A018
.748	19	-	-	-	-	-	-	-	-	-	○ 2GD3A019
3/4 (.75)	19.05	-	-	-	-	-	-	-	-	-	○ 2GD3A020
.7874	20	-	-	-	-	-	-	-	-	-	● 2GD3A021
13/16 (.8125)	20.638	-	-	-	-	-	-	-	-	-	○ 2GD3A022
.8268	21	.1969	5	-	-	-	.315	8	.7087	18	○ 2GD3A023
.8661	22	-	-	-	-	-	-	-	-	-	○ 2GD3A024
7/8 (.875)	22.225	-	-	-	-	-	-	-	-	-	○ 2GD3A025
.9055	23	-	-	-	-	-	-	-	-	-	○ 2GD3A026
15/16 (.9375)	23.812	-	-	-	-	-	-	-	-	-	○ 2GD3A027
.9449	24	-	-	-	-	-	-	-	-	-	○ 2GD3A028
.9843	25	-	-	-	-	-	-	-	-	-	○ 2GD3A029
1	25.4	-	-	-	-	-	-	-	-	-	○ 2GD3A030

● stored products ○ not stored products

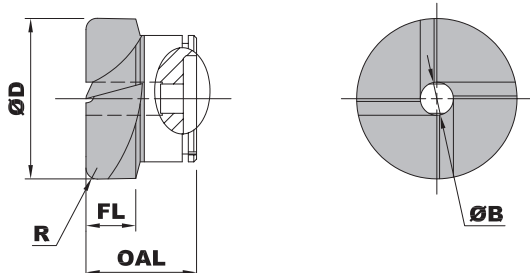
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Back spotfacer

Bayonet lock type – Carbide

5/5

**Application:**

To use with our bayonet lock type pilots (item 2YB). Within a very short delivery time, we can modify the counterbores of this range to meet your exact requirements.

Tool geometry:

Right hand spiral 15°
Left hand cut
F = flute number

Tool material:

Carbide butt

For:

Aluminium, (Composite), Titanium

D		B		F	R		FL		OAL		Item
inch	mm	inch	mm		inch	mm	inch	mm	inch	mm	
1.0236	26	.2362	6	4	.0197	0,5	.3937	10	.7874	20	○ 2GD3A031
1-1/16 (1.0629)	26.998	-	-	-	-	-	-	-	-	-	○ 2GD3A032
1.1024	28	-	-	-	-	-	-	-	-	-	○ 2GD3A033
1-1/8 (1.125)	28.575	-	-	-	-	-	-	-	-	-	○ 2GD3A034
1.1417	29	-	-	-	-	-	-	-	-	-	○ 2GD3A035
1.1811	30	-	-	-	-	-	-	-	-	-	○ 2GD3A036
1-3/16 (1.1875)	30.162	-	-	-	-	-	-	-	-	-	○ 2GD3A037
1.2205	31	-	-	-	-	-	-	-	-	-	○ 2GD3A038
1-1/4 (1.25)	31.75	-	-	-	-	-	-	-	-	-	○ 2GD3A039
1.2598	32	-	-	-	-	-	-	-	-	-	○ 2GD3A040
1.2992	33	-	-	-	-	-	-	-	-	-	○ 2GD3A041
1-5/16 (1.3125)	33.338	-	-	-	-	-	-	-	-	-	○ 2GD3A042
1.3386	34	-	-	-	-	-	-	-	-	-	○ 2GD3A043
1-3/8 (1.375)	34.925	-	-	-	-	-	-	-	-	-	○ 2GD3A044
1.378	35	-	-	-	-	-	-	-	-	-	○ 2GD3A045
1.4173	36	-	-	-	-	-	-	-	-	-	○ 2GD3A046
1-7/16 (1.4375)	36.513	-	-	-	-	-	-	-	-	-	○ 2GD3A047
1.4567	37	-	-	-	-	-	-	-	-	-	○ 2GD3A048
1.4961	38	-	-	-	-	-	-	-	-	-	○ 2GD3A049
1-1/2 (1.5)	38.1	-	-	-	-	-	-	-	-	-	○ 2GD3A050

● stored products ○ not stored products

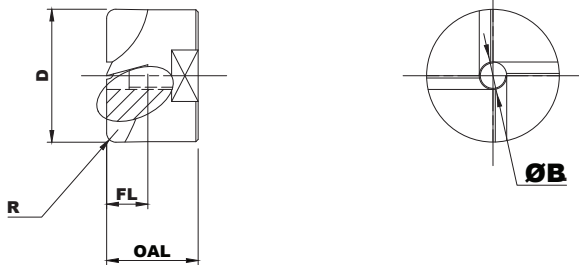
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Back spotfacer with thread

HSS-E 8% Co

1/1

**Application:**

To use with our threaded pilots (item 2YD).
Within a very short delivery time, we can modify the back spotfacers of this range to meet your exact requirements).

Tool geometry:

Left hand spiral 15°
Left hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		B	F	R		FL		OAL		Item
inch	mm	mm		inch	mm	inch	mm	inch	mm	
.2362	6	M2	4	.0787	2	.1575	4	.3937	10	● 2GE1A001
.315	8	M2,5	-	0	0	-	-	-	-	● 2GE1A002
.3937	10	-	-	.0787	2	-	-	-	-	● 2GE1A003
-	-	-	-	0	0	-	-	-	-	● 2GE1A004
.4331	11	-	-	.0787	2	-	-	-	-	● 2GE1A005
.4724	12	-	-	.0394	1	-	-	-	-	● 2GE1A006
.315	8	M3	-	.0197	0,5	-	-	-	-	● 2GE1A007
.3543	9	-	-	0	0	-	-	-	-	○ 2GE1A008
.3937	10	-	-	.0197	0,5	-	-	-	-	● 2GE1A009
-	-	-	-	.0787	2	-	-	-	-	● 2GE1A010
.4724	12	-	-	.0197	0,5	-	-	-	-	● 2GE1A011
-	-	-	-	.0787	2	-	-	-	-	● 2GE1A012
.5118	13	-	-	.0197	0,5	-	-	-	-	○ 2GE1A014
.5512	14	-	-	-	-	-	-	-	-	○ 2GE1A015
-	-	-	-	.0787	2	-	-	-	-	● 2GE1A016
.5906	15	-	-	.0394	1	-	-	-	-	● 2GE1A018
.6299	16	-	-	.0787	2	-	-	-	-	● 2GE1A019
.7874	20	-	-	-	-	-	-	.4724	12	● 2GE1A020
.3937	10	M4	-	.0197	0,5	-	-	.3937	10	● 2GE1A021
.4724	12	-	-	0	0	-	-	-	-	● 2GE1A022
-	-	-	-	.0197	0,5	-	-	-	-	● 2GE1A023
.5512	14	-	-	-	-	-	-	-	-	● 2GE1A024
-	-	-	-	.0787	2	-	-	-	-	● 2GE1A025
.5906	15	-	-	-	-	-	-	-	-	● 2GE1A026
.6299	16	-	-	-	-	-	-	-	-	● 2GE1A027
.6693	17	-	-	-	-	-	-	-	-	● 2GE1A028
.7087	18	-	-	-	-	-	-	-	-	● 2GE1A029
.748	19	-	-	-	-	-	-	.3543	9	● 2GE1A030
.6693	17	M5	-	-	-	-	-	.3937	10	● 2GE1A031
.7087	18	-	-	-	-	-	-	-	-	● 2GE1A032
.7874	20	-	-	-	-	.1969	5	.4724	12	● 2GE1A033
.9843	25	M10	8	.1083	2,75	.7087	18	.9843	25	● 2GE1A034

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

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Assembly tools

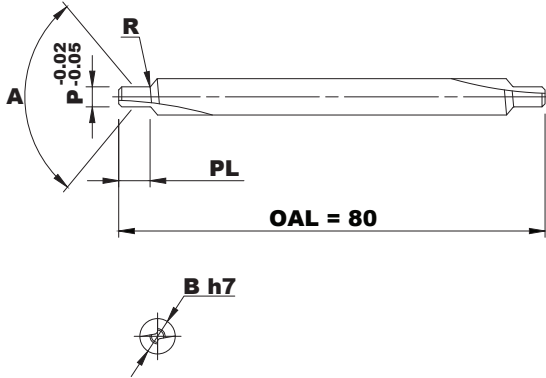
Countersinks & Back countersinks

2HI	Double solid pilot countersink <i>HSS-E 5% Co – Plain shank</i>	126
2HA	Countersink for offset angle drills <i>HSS-E 8% Co – Threaded shank 10-32UNF</i>	127
2HB	Countersink for offset angle drills <i>HSS-E 8% Co – Threaded shank ¼-28UNF</i>	128
2HC	Metric integral pilot countersink <i>HSS-E 8% Co, carbide, PCD – Taper 120°</i>	129
2HD	Inch integral pilot countersink <i>HSS-E 8% Co – Taper 120°</i>	133
2HE	Metric inserted pilot countersink <i>HSS-E 8% Co, carbide and PCD – Taper 120°</i>	134
2HH	Metric inserted pilot countersink <i>HSS-E 8% Co and carbide – Taper 120° – SPECIAL COMPOSITES</i>	140
2HF	Inch inserted pilot countersink <i>HSS-E 8% Co, carbide, PCD – Taper 120°</i>	142
2HG	Back countersink – Bayonet lock type <i>HSS-E 8% Co and carbide</i>	145
2HJ	Back countersink with thread <i>HSS-E 8% Co and carbide</i>	149


 A red, brush-stroke style badge with the word "NEW" in white, slanted text.

Double solid pilot countersink

Plain shank – HSS-E 5% Co



Application:

These countersinks can be chucked or mounted with collet, for the 100° countersinking in readily accessible holes.

Tool geometry:

- Right hand cut
- Spur cut
- 2 flutes
- Double end cutter

Tool material:

High speed steel 5% Co (M35)

For:

Aluminium, (Titanium)

P		B		A	R		PL		Item
inch	mm	inch	mm		inch	mm	inch	mm	
.0984	2,5	.185	4.7	100°	.0098 - .0118	0,25 - 0,30	.1969	5	● 2HI1A001
.126	3,2	.2283	5.8	-	-	-	-	-	● 2HI1A002

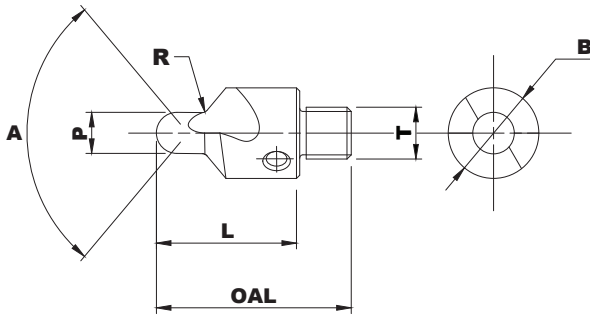
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Countersink for offset angle drills 10-32UNF HSS-E 8% Co



Application:

Countersinking in difficult access area, to use with 10-32 UNF offset angle drill.

Tool geometry:

Right hand spiral 6°
Right hand cut
2 flutes

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

P		B		A	R		L		OAL		T	Item
inch	mm	inch	mm		inch	mm	inch	mm	inch	mm		
.0787	2	.3937	10	100°	.0157 - .0236	0,4 - 0,6	.3937	10	.6496	16.5	10-32 UNF	○ 2HA1A001
3/32 (.0937)	2,381	-	-	-	-	-	.4173	10.6	.6732	17.1	-	● 2HA1A002
.098	2,49	-	-	-	-	-	.4213	10.7	.6772	17.2	-	○ 2HA1A003
.0984	2,5	-	-	-	-	-	.4252	10.8	.6811	17.3	-	● 2HA1A004
.1181	3	-	-	-	-	-	.4528	11.5	.7087	18	-	○ 2HA1A005
1/8 (.125)	3,175	-	-	-	.0236 - .0315	0,6 - 0,8	.4646	11.8	.7205	18.3	-	● 2HA1A006
.126	3,2	-	-	-	-	-	-	-	-	-	-	● 2HA1A007
#30 (.1285)	3,264	-	-	-	-	-	.4685	11.9	.7244	18.4	-	○ 2HA1A008
.1378	3,5	-	-	-	-	-	.4843	12.3	.7402	18.8	-	○ 2HA1A009
9/64 (.1406)	3,572	-	-	-	-	-	.4882	12.4	.7441	18.9	-	○ 2HA1A010
.1417	3,6	-	-	-	-	-	-	-	-	-	-	○ 2HA1A011
5/32 (.1563)	3,969	-	-	-	-	-	.5118	13	.7677	19.5	-	○ 2HA1A012
.1575	4	-	-	-	-	-	-	-	-	-	-	○ 2HA1A013
#20 (.161)	4,089	-	-	-	-	-	-	-	-	-	-	○ 2HA1A014
3/16 (.1875)	4,763	-	-	-	-	-	.5276	13.4	.7835	19.9	-	○ 2HA1A015
#12 (.189)	4,8	-	-	-	-	-	-	-	-	-	-	○ 2HA1A016
#10 (.1935)	4,915	-	-	-	-	-	.5315	13.5	.7874	20	-	○ 2HA1A017
.1969	5	-	-	-	-	-	-	-	-	-	-	○ 2HA1A018
7/32 (.2188)	5,556	-	-	-	-	-	.5433	13.8	.7992	20.3	-	○ 2HA1A019
.2205	5,6	-	-	-	-	-	-	-	-	-	-	○ 2HA1A020

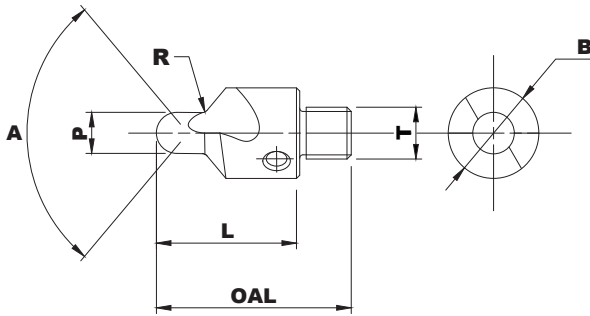
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Countersink for offset angle drills 1/4-28UNF HSS-E 8% Co



Application:

Countersinking in difficult access area, to use with 1/4-28 UNF offset angle drill.

Tool geometry:

Right hand spiral 6°
Right hand cut
2 flutes

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

P		B		A	R		L		OAL		T	Item
inch	mm	inch	mm		inch	mm	inch	mm	inch	mm		
.0787	2	.3937	10	100°	.0157 - .0236	0,4 - 0,6	.3937	10	.6496	16.5	1/4-28 UNF	○ 2HB1A001
3/32 (.0937)	2,381	-	-	-	-	-	.4173	10.6	.6732	17.1	-	● 2HB1A002
.098	2,49	-	-	-	-	-	.4213	10.7	.6772	17.2	-	○ 2HB1A003
.0984	2,5	-	-	-	-	-	.4252	10.8	.6811	17.3	-	● 2HB1A004
.1181	3	-	-	-	-	-	.4528	11.5	.7087	18	-	○ 2HB1A005
1/8 (.125)	3,175	-	-	-	.0236 - .0315	0,6 - 0,8	.4646	11.8	.7205	18.3	-	● 2HB1A006
.126	3,2	-	-	-	-	-	-	-	-	-	-	● 2HB1A007
#30 (.1285)	3,264	-	-	-	-	-	.4685	11.9	.7244	18.4	-	○ 2HB1A008
.1378	3,5	-	-	-	-	-	.4843	12.3	.7402	18.8	-	○ 2HB1A009
9/64 (.1406)	3,572	-	-	-	-	-	.4882	12.4	.7441	18.9	-	○ 2HB1A010
.1417	3,6	-	-	-	-	-	-	-	-	-	-	● 2HB1A011
5/32 (.1563)	3,969	-	-	-	-	-	.5118	13	.7677	19.5	-	○ 2HB1A012
.1575	4	-	-	-	-	-	-	-	-	-	-	● 2HB1A013
#20 (.161)	4,089	-	-	-	-	-	-	-	-	-	-	○ 2HB1A014
3/16 (.1875)	4,763	-	-	-	-	-	.5276	13.4	.7835	19.9	-	○ 2HB1A015
#12 (.189)	4,8	-	-	-	-	-	-	-	-	-	-	● 2HB1A016
#10 (.1935)	4,915	-	-	-	-	-	.5315	13.5	.7874	20	-	○ 2HB1A017
.1969	5	-	-	-	-	-	-	-	-	-	-	● 2HB1A018
7/32 (.2188)	5,556	-	-	-	-	-	.5433	13.8	.7992	20.3	-	○ 2HB1A019
.2205	5,6	-	-	-	-	-	-	-	-	-	-	● 2HB1A020

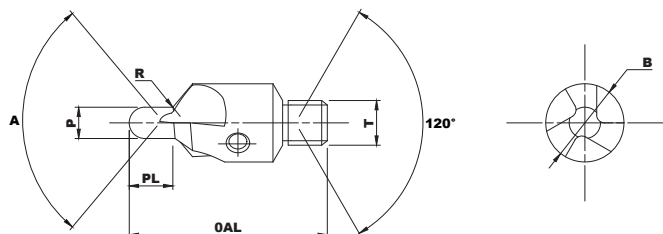
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Metric integral pilot countersink HSS-E 8% Co



Application:

To use with metric microstop cages. These solid pilot countersinks are designed with a radius to meet the requirements of the fastener standards.

Tool geometry:

Right hand spiral 6°
Right hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

P		B		A	F	R		PL		OAL		T	Item
inch	mm	inch	mm			inch	mm	inch	mm	inch	mm		
3/32 (.0937)	2,381	.3937	10	100°	3	.0157 -.0236	0,4 - 0,6	.2441	6.2	1.3386	34	M6 x 100	● 2HC1A001
.126	3,2	-	-	-	-	.0236 -.0315	0,6 - 0,8	.2756	7	1.378	35	-	● 2HC1A040
.0984	2,5	-	-	-	-	.0157 -.0236	0,4 - 0,6	.248	6.3	1.3386	34	-	● 2HC1A002
.1181	3	-	-	-	-	-	-	.2559	6.5	1.378	35	-	● 2HC1A003
1/8 (.125)	3,175	-	-	-	-	.0236 -.0315	0,6 - 0,8	.2598	6.6	-	-	-	● 2HC1A004
.1378	3,5	-	-	-	-	-	-	.2677	6.8	-	-	-	● 2HC1A005
9/64 (.1406)	3,572	-	-	-	-	-	-	-	-	-	-	-	○ 2HC1A006
.1417	3,6	-	-	-	-	-	-	-	-	-	-	-	● 2HC1A007
5/32 (.1563)	3,969	-	-	-	-	-	-	.2756	7	-	-	-	● 2HC1A008
.1575	4	-	-	-	-	-	-	-	-	-	-	-	● 2HC1A009
.1634	4,15	-	-	-	-	-	-	.2795	7.1	-	-	-	● 2HC1A010
3/16 (.1875)	4,763	-	-	-	-	.0315 -.0394	0,8 - 1	.2913	7.4	-	-	-	● 2HC1A011
#12 (.189)	4,8	-	-	-	-	-	-	-	-	-	-	-	● 2HC1A012
.1969	5	-	-	-	-	-	-	.2953	7.5	1.4173	36	-	● 2HC1A013
7/32 (.2188)	5,556	-	-	-	-	-	-	.3071	7.8	-	-	-	○ 2HC1A014
.2205	5,6	-	-	-	-	-	-	-	-	-	-	-	● 2HC1A015
3/16 (.1875)	4,763	.5512	14	-	-	-	-	.2913	7.4	1.378	35	M8 x 100	● 2HC1A016
#12 (.189)	4,8	-	-	-	-	-	-	-	-	-	-	-	● 2HC1A017
.1969	5	-	-	-	-	-	-	.2953	7.5	1.4173	36	-	● 2HC1A018
7/32 (.2188)	5,556	-	-	-	-	-	-	.3071	7.8	-	-	-	○ 2HC1A019
.2205	5,6	-	-	-	-	-	-	-	-	-	-	-	● 2HC1A020
.2362	6	-	-	-	-	-	-	.315	8	-	-	-	● 2HC1A021
.2469	6,27	-	-	-	-	-	-	.3189	8.1	-	-	-	○ 2HC1A022
1/4 (.25)	6,35	-	-	-	-	-	-	.3228	8.2	-	-	-	● 2HC1A023
.2618	6,65	-	-	-	-	-	-	.3268	8.3	-	-	-	● 2HC1A024
.315	8	-	-	-	-	.0394 -.0492	1 - 1,25	.3543	9	1.4567	37	-	● 2HC1A025
.2469	6,27	.6693	17	-	-	.0315 -.0394	0,8 - 1	.3189	8.1	1.4173	36	-	○ 2HC1A026
1/4 (.25)	6,35	-	-	-	-	-	-	.3228	8.2	-	-	-	● 2HC1A027
.2618	6,65	-	-	-	-	-	-	.3268	8.3	-	-	-	● 2HC1A028
.315	8	-	-	-	-	.0394 -.0492	1 - 1,25	.3543	9	1.4567	37	-	● 2HC1A029
3/8 (.375)	9,525	-	-	-	-	-	-	.3858	9.8	1.4961	38	-	○ 2HC1A030
-	-	.8268	21	-	-	-	-	-	-	-	-	-	● 2HC1A031
.3937	10	-	-	-	-	-	-	.3937	10	-	-	-	● 2HC1A032
7/16 (.4375)	11,112	7/8	22.225	-	-	.0492 -.0591	1,25 - 1,5	.4173	10.6	2.0866	53	M10 x 100	● 2HC1A033
-	-	1	25.4	-	-	-	-	-	-	-	-	-	● 2HC1A034
1/2 (.5)	12,7	1 1/8	28.575	-	-	.0591 -.0689	1,5 - 1,75	.4488	11.4	-	-	-	○ 2HC1A035
.5512	14	1.1811	30	-	-	-	-	.4724	12	2.126	54	-	○ 2HC1A036
1/2 (.5)	12,7	1 1/4	31.75	-	-	-	-	.4488	11.4	2.0866	53	-	○ 2HC1A037
9/16 (.5625)	14,288	1 3/8	34.925	-	-	-	-	.4764	12.1	2.126	54	-	○ 2HC1A038
9/16 (.625)	15,875	1 1/2	38.1	-	-	.0689 -.0787	1,75 - 2	.5079	12.9	2.1654	55	-	○ 2HC1A039

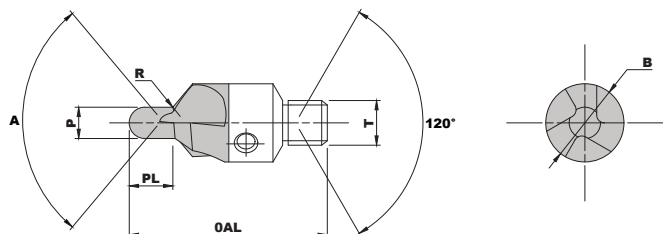
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Metric integral pilot countersink Carbide butt



Application:

To use with metric microstop cages. These solid pilot countersinks are designed with a radius to meet the requirements of the fastener standards.

Tool geometry:

Right hand spiral 6°
Right hand cut
F = flute number

Tool material:

Carbide butt

For:

Aluminium, (Composite), Titanium

P		B		A	F	R		PL		OAL		T	Item
inch	mm	inch	mm			inch	mm	inch	mm	inch	mm		
3/32 (.0937)	2,381	.3937	10	100°	3	.0157 - .0236	0,4 - 0,6	.2441	6.2	1.378	35	M6 x 100	● 2HC3A001
.0984	2,5	-	-	-	-	-	-	.248	6.3	-	-	-	● 2HC3A002
.1181	3	-	-	-	-	-	-	.2559	6.5	-	-	-	○ 2HC3A003
1/8 (.125)	3,175	-	-	-	-	.0236 - .0315	0,6 - 0,8	.2598	6.6	-	-	-	● 2HC3A004
.126	3,2	-	-	-	-	-	-	-	-	-	-	-	● 2HC3A026
.1378	3,5	-	-	-	-	-	-	.2677	6.8	-	-	-	○ 2HC3A005
9/64 (.1406)	3,572	-	-	-	-	-	-	-	-	-	-	-	○ 2HC3A006
.1417	3,6	-	-	-	-	-	-	-	-	-	-	-	○ 2HC3A007
5/32 (.1563)	3,969	-	-	-	-	-	-	.2756	7	-	-	-	○ 2HC3A008
.1575	4	-	-	-	-	-	-	-	-	1.4173	36	-	● 2HC3A009
.1634	4,15	-	-	-	-	-	-	.2795	7.1	-	-	-	● 2HC3A010
3/16 (.1875)	4,763	-	-	-	-	.0315 - .0394	0,8 - 1	.2913	7.4	-	-	-	○ 2HC3A011
#12 (.189)	4,8	-	-	-	-	-	-	-	-	-	-	-	● 2HC3A012
.1969	5	-	-	-	-	-	-	.2953	7.5	-	-	-	● 2HC3A013
7/32 (.2188)	5,556	-	-	-	-	-	-	.3071	7.8	-	-	-	○ 2HC3A014
.2205	5,6	-	-	-	-	-	-	-	-	-	-	-	○ 2HC3A015
3/16 (.1875)	4,763	.5512	14	-	-	-	-	.2913	7.4	-	-	M8 x 100	○ 2HC3A016
#12 (.189)	4,8	-	-	-	-	-	-	-	-	-	-	-	● 2HC3A017
.1969	5	-	-	-	-	-	-	.2953	7.5	-	-	-	● 2HC3A018
7/32 (.2188)	5,556	-	-	-	-	-	-	.3071	7.8	-	-	-	● 2HC3A019
.2205	5,6	-	-	-	-	-	-	-	-	-	-	-	● 2HC3A020
.2362	6	-	-	-	-	-	-	.315	8	1.4567	37	-	○ 2HC3A021
.2469	6,27	-	-	-	-	-	-	.3189	8.1	-	-	-	○ 2HC3A022
1/4 (.25)	6,35	-	-	-	-	-	-	.3228	8.2	-	-	-	● 2HC3A023
.2618	6,65	-	-	-	-	-	-	.3268	8.3	-	-	-	○ 2HC3A024
.315	8	-	-	-	-	.0394 - .0492	1 - 1,25	.3543	9	1.4961	38	-	○ 2HC3A025

● stored products ○ not stored products

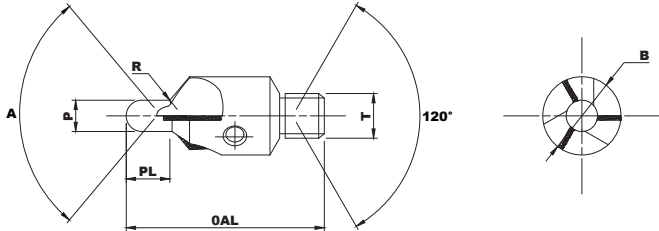
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Metric integral pilot countersink

PCD tipped – Steel pilot



Application:

To use with metric microstop cages. These solid pilot countersinks are designed with a radius to meet the requirements of the fastener standards.

Tool geometry:

Straight flutes
Right hand cut
F = flute number

Tool material:

PCD tipped, steel body and pilot

For:

Composite, CFRP

P		B		A	F	R		PL		OAL		T	Item
inch	mm	inch	mm			inch	mm	inch	mm	inch	mm		
.1638	4,16	.3937	10	100°	2	.0197 - .0276	0,5 - 0,7	.3543	9	1.4567	37	M6x100	● 2HC6A201
-	-	-	-	130°	-	-	-	-	-	-	-	-	● 2HC6A202
.1894	4,81	.4724	12	100°	-	-	-	-	-	-	-	-	● 2HC6A301
-	-	-	-	130°	-	-	-	-	-	-	-	-	○ 2HC6A302
-	-	.5512	14	100°	-	-	-	-	-	-	-	M8x100	○ 2HC6A303
.1898	4,82	.4724	12	130°	-	-	-	.2362	6	1.3386	34	-	● 2HC6A304
.2181	5,54	.5512	14	100°	-	-	-	.3937	10	1.4961	38	-	● 2HC6A3A1
-	-	-	-	130°	-	-	-	.2362	6	1.3386	34	-	● 2HC6A3A2
.2496	6,34	-	-	100°	-	-	-	.3937	10	1.4961	38	-	● 2HC6A401
-	-	-	-	130°	-	-	-	-	-	-	-	-	○ 2HC6A402
.3122	7,93	.6693	17	100°	-	.0315 - .0394	0,8 - 1	.4331	11	1.5354	39	-	● 2HC6A501

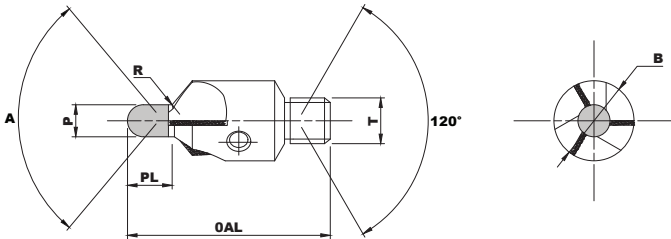
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Metric integral pilot countersink

PCD tipped – Carbide pilot



Application:

To use with metric microstop cages. These solid pilot countersinks are designed with a radius to meet the requirements of the fastener standards. The carbide pilot allow to reduce wear by friction in Composites.

Tool geometry:

Straight flutes
Right hand cut
F = flute number

Tool material:

PCD tipped, steel body and carbide pilot

For:

Composite, CFRP

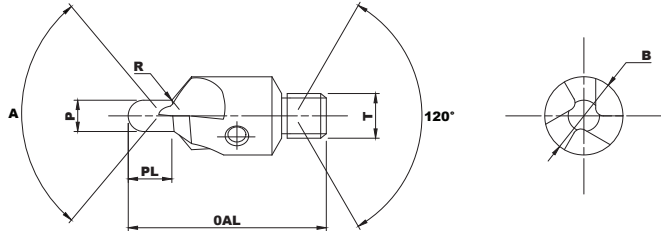
P		B		A	F	R		PL		OAL		T	Item
inch	mm	inch	mm			inch	mm	inch	mm	inch	mm		
.1638	4,16	.3937	10	100°	3	.0236 - .0315	06 - 0,8	.2756	7	1.378	35	M6x100	● 2HC7A201
-	-	-	-	130°	-	.0197 - .0276	0,5 - 0,7	-	-	-	-	-	● 2HC7A202
.1898	4,82	.4724	12	100°	2	-	-	.3543	9	1.4567	37	-	● 2HC7A301
-	-	.3937	10	130°	3	-	-	.2756	7	1.378	35	-	● 2HC7A302
.2181	5,54	.5512	14	100°	-	-	-	.3937	10	1.4961	38	M8x100	● 2HC7A3A1
.2185	5,55	-	-	130°	-	-	-	-	-	1.4173	36	-	● 2HC7A3A5
.2496	6,34	-	-	100°	2	-	-	-	-	1.4961	38	-	● 2HC7A401
-	-	-	-	-	3	-	-	.4724	12	1.5748	40	-	● 2HC7A402
-	-	-	-	130°	-	-	-	-	-	1.4173	36	-	● 2HC7A403
.3122	7,93	.6693	17	100°	2	.0315 - .0394	0,8 - 1	.315	8	1.5354	39	-	● 2HC7A501
-	-	-	-	-	3	-	-	-	-	1.4567	37	-	○ 2HC7A502

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Inch integral pilot countersink HSS-E 8% Co



Application:

To use with inch microstop cages. These solid pilot countersinks are designed with a radius to meet the requirements of the fastener standards.

Tool geometry:

Right hand spiral 6°
Right hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

P		B		A	F	R		PL		OAL		T	Item
inch	mm	inch	mm			inch	mm	inch	mm	inch	mm		
3/32 (.0937)	2,381	.3937	10	100°	3	.0157 -.0236	0,4 - 0,6	.2441	6.2	1.3386	34	1/4-28 UNF	● 2HD1A001
.0984	2,5	-	-	-	-	-	-	.248	6.3	-	-	-	○ 2HD1A002
.1181	3	-	-	-	-	-	-	.2559	6.5	1.378	35	-	○ 2HD1A003
1/8 (.125)	3,175	-	-	-	-	.0236 -.0315	0,6 - 0,8	.2598	6.6	-	-	-	● 2HD1A004
.1378	3,5	-	-	-	-	-	-	.2677	6.8	-	-	-	● 2HD1A005
9/64 (.1406)	3,572	-	-	-	-	-	-	-	-	-	-	-	○ 2HD1A006
.1417	3,6	-	-	-	-	-	-	-	-	-	-	-	● 2HD1A007
5/32 (.1563)	3,969	-	-	-	-	-	-	.2756	7	-	-	-	● 2HD1A008
.1575	4	-	-	-	-	-	-	-	-	-	-	-	● 2HD1A009
.1634	4,15	-	-	-	-	-	-	.2795	7.1	-	-	-	● 2HD1A010
3/16 (.1875)	4,763	-	-	-	-	.0315 -.0394	0,8 - 1	.2913	7.4	-	-	-	● 2HD1A011
#12 (.189)	4,8	-	-	-	-	-	-	-	-	-	-	-	● 2HD1A012
.1969	5	-	-	-	-	-	-	.2953	7.5	1.4173	36	-	○ 2HD1A013
7/32 (.2188)	5,556	-	-	-	-	-	-	.3071	7.8	-	-	-	○ 2HD1A014
.2205	5,6	-	-	-	-	-	-	-	-	-	-	-	● 2HD1A015
3/16 (.1875)	4,763	.5512	14	-	-	-	-	.2913	7.4	1.378	35	-	○ 2HD1A016
#12 (.189)	4,8	-	-	-	-	-	-	-	-	-	-	-	○ 2HD1A017
.1969	5	-	-	-	-	-	-	.2953	7.5	1.4173	36	-	○ 2HD1A018
7/32 (.2188)	5,556	-	-	-	-	-	-	.3071	7.8	-	-	-	○ 2HD1A019
.2205	5,6	-	-	-	-	-	-	-	-	-	-	-	○ 2HD1A020
.2362	6	-	-	-	-	-	-	.315	8	-	-	-	○ 2HD1A021
.2469	6,27	-	-	-	-	-	-	.3189	8.1	-	-	-	○ 2HD1A022
1/4 (.25)	6,35	-	-	-	-	-	-	.3228	8.2	-	-	-	● 2HD1A023
.2618	6,65	-	-	-	-	-	-	.3268	8.3	-	-	-	○ 2HD1A024
.315	8	-	-	-	-	.0394 -.0492	1 - 1,25	.3543	9	1.4567	37	-	○ 2HD1A025
.2469	6,27	.6693	17	-	-	.0315 -.0394	0,8 - 1	.3189	8.1	1.4173	36	-	○ 2HD1A026
1/4 (.25)	6,35	-	-	-	-	-	-	.3228	8.2	-	-	-	○ 2HD1A027
.2618	6,65	-	-	-	-	-	-	.3268	8.3	-	-	-	○ 2HD1A028
.315	8	-	-	-	-	.0394 -.0492	1 - 1,25	.3543	9	1.4567	37	-	○ 2HD1A029
3/8 (.375)	9,525	-	-	-	-	-	-	.3858	9.8	1.4961	38	-	○ 2HD1A030
3/8 (-)	-	.8268	21	-	-	-	-	-	-	-	-	3/8-24 UNF	○ 2HD1A031
.3937	10	-	-	-	-	-	-	.3937	10	-	-	-	○ 2HD1A032
7/16 (.4375)	11,112	7/8	22.225	-	-	.0492 -.0591	1,25 - 1,5	.4173	10.6	2.0866	53	-	● 2HD1A033
7/16 (-)	-	1	25.4	-	-	-	-	-	-	-	-	-	● 2HD1A034
1/2 (.5)	12,7	1 1/8	28.575	-	-	.0591 -.0689	1,5 - 1,75	.4488	11.4	-	-	-	○ 2HD1A035
.5512	14	1.1811	30	-	-	-	-	.4724	12	2.126	54	-	○ 2HD1A036
1/2 (.5)	12,7	1 1/4	31.75	-	-	-	-	.4488	11.4	2.0866	53	-	○ 2HD1A037
9/16 (.5625)	14,288	1 3/8	34.925	-	-	-	-	.4764	12.1	2.126	54	-	○ 2HD1A038
9/16 (.625)	15,875	1 1/2	38.1	-	-	.0689 -.0787	1,75 - 2	.5079	12.9	2.1654	55	-	○ 2HD1A039

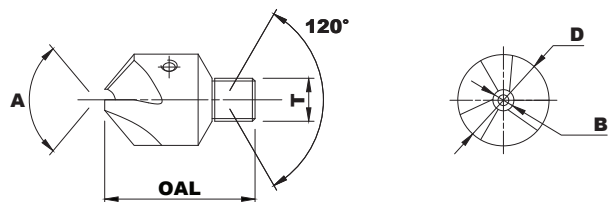
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.



Metric inserted pilot countersink HSS-E 8% Co



Application:

To use with metric microstop cages and with our pilots (item 2YA).

Tool geometry:

Right hand spiral 6°
Right hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		B		F	OAL		T	Item 100°	Item 90°	Item 120°	Item 130°
inch	mm	inch	mm		inch	mm					
.3937	10	.0787	2	2	1.1024	28	M6 x 100	● 2HE1A023	● 2HE1A028	● 2HE1A035	
-	-	-	-	3	-	-	-	● 2HE1A001			
-	-	.0984	2.5	2	-	-	-	● 2HE1A024	● 2HE1A029	● 2HE1A036	● 2HE1A041
-	-	-	-	3	-	-	-	● 2HE1A002			
-	-	.1181	3	2	-	-	-	● 2HE1A025		● 2HE1A037	● 2HE1A042
-	-	-	-	3	-	-	-	● 2HE1A003			
-	-	.1378	3.5	2	-	-	-	● 2HE1A026			
-	-	-	-	3	-	-	-	● 2HE1A004			
.5512	14	.0984	2.5	-	-	-	M8 x 100	● 2HE1A005			
-	-	.1181	3	-	-	-	-	● 2HE1A006	● 2HE1A030		
-	-	.1378	3.5	-	-	-	-	● 2HE1A007		● 2HE1A038	
-	-	.1575	4	2	-	-	-	● 2HE1A027	● 2HE1A031	● 2HE1A039	● 2HE1A043
-	-	-	-	3	-	-	-	● 2HE1A008	● 2HE1A032	● 2HE1A040	● 2HE1A044
.6693	17	.1181	3	-	-	-	-	● 2HE1A009			
-	-	.1378	3.5	-	-	-	-	○ 2HE1A010			
-	-	.1575	4	-	-	-	-	● 2HE1A011			
-	-	.1969	5	-	-	-	-	● 2HE1A012	● 2HE1A033		
.8268	21	.1378	3.5	-	-	-	-	● 2HE1A013			
-	-	.1575	4	-	-	-	-	● 2HE1A014			
-	-	.1969	5	-	-	-	-	● 2HE1A015	● 2HE1A034		
7/8 (.875)	22.225	.2362	6	-	1.6535	42	M10 x 100	● 2HE1A016			
1	25.4	-	-	-	-	-	-	● 2HE1A017			
1-1/8 (1.125)	28.575	-	-	-	-	-	-	○ 2HE1A018			
1.1811	30	-	-	-	-	-	-	○ 2HE1A019			
1-1/4 (1.25)	31.75	-	-	-	-	-	-	● 2HE1A020			
1-3/8 (1.375)	34.925	-	-	-	-	-	-	● 2HE1A021			
1-1/2 (1.5)	38.1	-	-	-	-	-	-	● 2HE1A022			

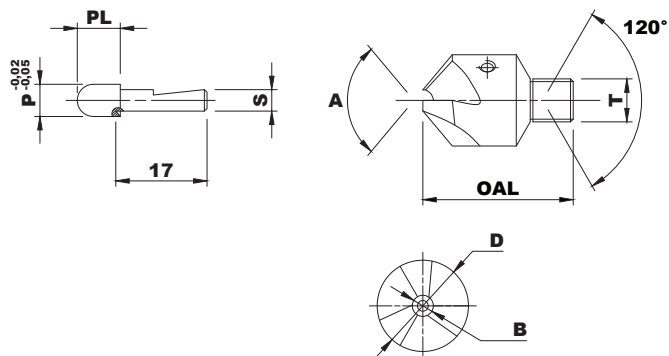
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Metric inserted pilot countersink HSS-E 8% Co with mounted pilot



Application:

To use with metric microstop cages and with our pilots (item 2YA).

Tool geometry:

Right hand spiral 6°
Right hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		P		B		A	F	OAL		T	Item
inch	mm	inch	mm	inch	mm			inch	mm		
.3937	10	.0787	2	.0787	2	100°	2	1.1024	28	M6 x 100	● 2HE1A200
-	-	3/32 (.0937)	2,381	-	-	-	-	-	-	-	● 2HE1A238
-	-	.0945	2,4	-	-	-	-	-	-	-	● 2HE1A240
-	-	.0984	2,5	-	-	-	-	-	-	-	● 2HE1A250
-	-	.1102	2,8	.0984	2,5	-	-	-	-	-	● 2HE1A280
-	-	.1181	3	-	-	-	-	-	-	-	● 2HE1A300
-	-	1/8 (.1248)	3,175	-	-	-	-	-	-	-	● 2HE1A317
-	-	.126	3,2	-	-	-	-	-	-	-	● 2HE1A320
-	-	.1378	3,5	-	-	-	-	-	-	-	● 2HE1A350
-	-	.1575	4	.1378	3,5	-	-	-	-	-	● 2HE1A400
-	-	.1634	4,15	-	-	-	-	-	-	-	● 2HE1A415
.5512	14	3/16 (.1874)	4,763	.1575	4	-	-	-	-	M8 x 100	● 2HE1A476
-	-	#12 (.189)	4,8	-	-	-	-	-	-	-	● 2HE1A480
-	-	.1969	5	-	-	-	-	-	-	-	● 2HE1A500
-	-	.2205	5,6	-	-	-	-	-	-	-	● 2HE1A560
-	-	.2362	6	-	-	-	-	-	-	-	● 2HE1A600
-	-	1/4 (.25)	6,35	-	-	-	-	-	-	-	● 2HE1A635
.6693	17	5/16 (.3126)	7,938	.1969	5	-	3	-	-	-	● 2HE1A794
-	-	.315	8	-	-	-	-	-	-	-	● 2HE1A800
.8268	21	3/8 (.375)	9,525	-	-	-	-	-	-	-	● 2HE1A952
-	-	.3937	10	-	-	-	-	-	-	-	● 2HE1A000

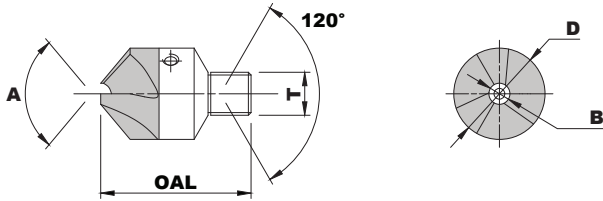
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.



Metric inserted pilot countersink Carbide butt



Application:

To use with metric microstop cages and with our pilots (item 2YA).

Tool geometry:

Right hand spiral 3°
Right hand cut
F = flute number

Tool material:

Carbide butt

For:

Aluminium, (Composite), Titanium

D		B		F	OAL		T	Item 100°	Item 90°	Item 130°
inch	mm	inch	mm		inch	mm				
.3937	10	.0787	2	2	1.1024	28	M6 x 100	● 2HE3A025		
-	-	-	-	3	-	-	-	● 2HE3A001	● 2HE3A030	○ 2HE3A037
-	-	.0984	2,5	2	-	-	-	● 2HE3A026		
-	-	-	2,5	3	-	-	-	● 2HE3A002	● 2HE3A031	○ 2HE3A038
-	-	.1181	3	2	-	-	-	○ 2HE3A027		
-	-	-	-	3	-	-	-	● 2HE3A003	○ 2HE3A032	● 2HE3A023
-	-	.1378	3,5	2	-	-	-	● 2HE3A028		
-	-	-	-	3	-	-	-	● 2HE3A004	● 2HE3A033	○ 2HE3A039
.5512	14	.0984	2,5	-	-	-	M8 x 100	● 2HE3A005		
-	-	.1181	3	-	-	-	-	● 2HE3A006		● 2HE3A024
-	-	.1378	3,5	-	-	-	-	○ 2HE3A007		
-	-	.1575	4	2	-	-	-	● 2HE3A029		● 2HE3A040
-	-	-	-	3	-	-	-	● 2HE3A008	● 2HE3A034	● 2HE3A041
.6693	17	.1181	3	-	-	-	-	○ 2HE3A009		
-	-	.1378	3,5	-	-	-	-	○ 2HE3A010		
-	-	.1575	4	-	-	-	-	○ 2HE3A011		● 2HE3A042
-	-	.1969	5	-	-	-	-	● 2HE3A012	● 2HE3A035	● 2HE3A043
.8268	21	.1378	3,5	-	-	-	-	○ 2HE3A013		
-	-	.1575	4	-	-	-	-	● 2HE3A014		
-	-	.1969	5	-	-	-	-	● 2HE3A015	○ 2HE3A036	
7/8 (.875)	22.225	.2362	6	-	1.6535	42	M10 x 100	○ 2HE3A016		
1	25.4	-	-	-	-	-	-	○ 2HE3A017		
1-1/8 (1.125)	28.575	-	-	-	-	-	-	○ 2HE3A018		
1.1811	30	-	-	-	-	-	-	○ 2HE3A019		
1-1/4 (1.25)	31.75	-	-	-	-	-	-	○ 2HE3A020		
1-3/8 (1.375)	34.925	-	-	-	-	-	-	○ 2HE3A021		
1-1/2 (1.5)	38.1	-	-	-	-	-	-	● 2HE3A022		

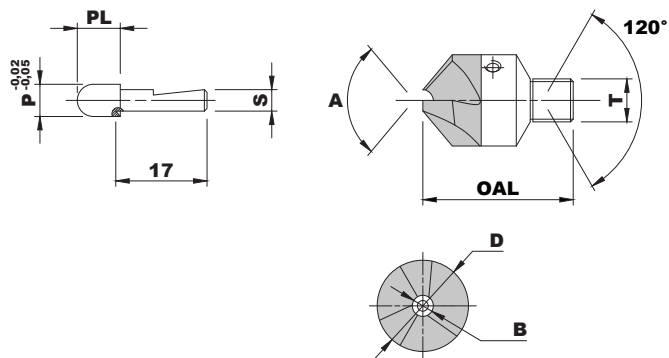
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Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Metric inserted pilot countersink Carbide butt with mounted pilot



Application:

To use with metric microstop cages and with our pilots (item 2YA).

Tool geometry:

Right hand spiral 3°
Right hand cut
F = flute number

Tool material:

Carbide butt

For:

Aluminium, (Composite), Titanium

D		P		B		A	F	OAL		T	Item
inch	mm	inch	mm	inch	mm			inch	mm		
.3937	10	.0787	2	.0787	2	100°	3	1.1024	28	M6 x 100	● 2HE3A200
-	-	3/32 (.0937)	2,381	-	-	-	-	-	-	-	● 2HE3A238
-	-	.0945	2,4	-	-	-	-	-	-	-	● 2HE3A240
-	-	.0984	2,5	-	-	-	-	-	-	-	● 2HE3A250
-	-	.1102	2,8	.0984	2,5	-	-	-	-	-	● 2HE3A280
-	-	.1181	3	-	-	-	-	-	-	-	● 2HE3A300
-	-	1/8 (.1248)	3,175	-	-	-	-	-	-	-	● 2HE3A317
-	-	.126	3,2	-	-	-	-	-	-	-	● 2HE3A320
-	-	.1378	3,5	-	-	-	-	-	-	-	● 2HE3A350
-	-	.1575	4	.1378	3,5	-	-	-	-	-	● 2HE3A400
-	-	.1634	4,15	-	-	-	-	-	-	-	● 2HE3A415
.5512	14	3/16 (.1874)	4,763	.1575	4	-	-	-	-	M8 x 100	● 2HE3A476
-	-	#12 (.189)	4,8	-	-	-	-	-	-	-	● 2HE3A480
-	-	.1969	5	-	-	-	-	-	-	-	● 2HE3A500
-	-	.2205	5,6	-	-	-	-	-	-	-	● 2HE3A560
-	-	.2362	6	-	-	-	-	-	-	-	● 2HE3A600
-	-	1/4 (.25)	6,35	-	-	-	-	-	-	-	● 2HE3A635
.6693	17	5/16 (.3126)	7,938	.1969	5	-	-	-	-	-	● 2HE3A794
-	-	.315	8	-	-	-	-	-	-	-	● 2HE3A800
.8268	21	3/8 (.375)	9,525	-	-	-	-	-	-	-	● 2HE3A952
-	-	.3937	10	-	-	-	-	-	-	-	● 2HE3A000

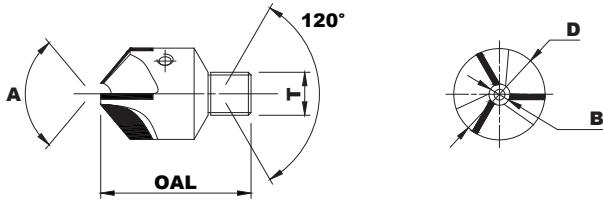
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.



Metric inserted pilot countersink PCD tipped



Application:

To use with metric microstop cages and with our pilots (item 2YA). The minimum pilot diameter has to be .0157" (0.4 mm) larger than the countersink's boring.

Tool geometry:

Straight flute
Right hand cut
F = flute number

Tool material:

Polycrystalline diamond tipped

For:

Composite, CFRP

D		B		F	OAL		T	Item 100°	Item 130°
inch	mm	inch	mm		inch	mm			
.3937	10	.0787	2	2	1.1024	28	M6 x 100	● 2HE6A023	
-	-	-	-	3	-	-	-	○ 2HE6A001	
-	-	.0984	2.5	2	-	-	-	● 2HE6A024	● 2HE6A029
-	-	-	-	3	-	-	-	○ 2HE6A002	
-	-	.1181	3	2	-	-	-	● 2HE6A035	● 2HE6A036
-	-	-	-	3	-	-	-	○ 2HE6A003	
-	-	.1378	3.5	2	-	-	-	● 2HE6A028	
-	-	-	-	3	-	-	-	○ 2HE6A004	
.5512	14	.0984	2.5	-	-	-	M8 x 100	○ 2HE6A005	
-	-	.1181	3	-	-	-	-	○ 2HE6A006	
-	-	-	-	2	-	-	-	● 2HE6A034	● 2HE6A032
-	-	.1378	3.5	3	-	-	-	○ 2HE6A007	
-	-	.1575	4	2	-	-	-	● 2HE6A025	● 2HE6A030
-	-	-	-	3	-	-	-	○ 2HE6A008	
.6693	17	.1181	3	-	-	-	-	○ 2HE6A009	
-	-	.1378	3.5	-	-	-	-	○ 2HE6A010	
-	-	.1575	4	-	-	-	-	○ 2HE6A011	
-	-	.1969	5	2	-	-	-	● 2HE6A026	● 2HE6A033
-	-	-	-	3	-	-	-	○ 2HE6A012	
.8268	21	.1378	3.5	-	-	-	-	○ 2HE6A013	
-	-	.1575	4	-	-	-	-	○ 2HE6A014	
-	-	.1969	5	2	-	-	-	○ 2HE6A027	
-	-	-	-	3	-	-	-	● 2HE6A015	● 2HE6A031
7/8 (.875)	22.225	.2362	6	-	1.6535	42	M10 x 100	○ 2HE6A016	
1	25.4	-	-	-	-	-	-	○ 2HE6A017	
1-1/8 (1.125)	28.575	-	-	-	-	-	-	○ 2HE6A018	
1.1811	30	-	-	-	-	-	-	○ 2HE6A019	
1-1/4 (1.25)	31.75	-	-	-	-	-	-	○ 2HE6A020	
1-3/8 (1.375)	34.925	-	-	-	-	-	-	○ 2HE6A021	
1-1/2 (1.5)	38.1	-	-	-	-	-	-	○ 2HE6A022	

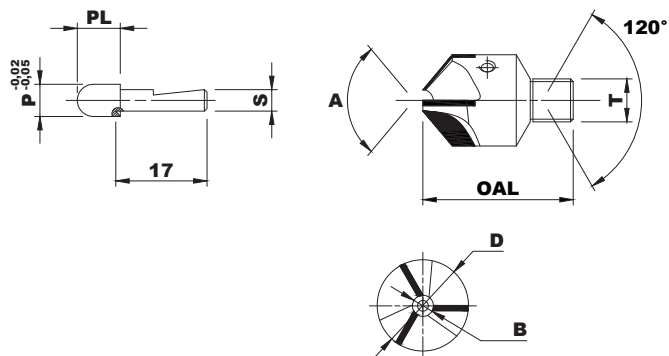
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Please, contact us for any request at request@nexam.aero.



Metric inserted pilot countersink PCD tipped with mounted pilot



Application:

To use with metric microstop cages and with our pilots (item 2YA). The minimum pilot diameter has to be .0157" (0.4 mm) larger than the countersink's boring.

Tool geometry:

Straight flute
Right hand cut
F = flute number

Tool material:

Polycrystalline diamond tipped

For:

Composite, CFRP

D		P		B		A	F	OAL		T	Item
inch	mm	inch	mm	inch	mm			inch	mm		
.3937	10	.0945	2,4	.0787	2	100°	2	1.1024	28	M6 x 100	● 2HE6A240
-	-	.0984	2,5	-	-	-	-	-	-	-	● 2HE6A250
-	-	.1181	3	.0984	2,5	-	-	-	-	-	● 2HE6A300
-	-	1/8 (.1248)	3,175	-	-	-	-	-	-	-	● 2HE6A317
-	-	.126	3,2	-	-	-	-	-	-	-	● 2HE6A320
-	-	.1378	3,5	-	-	-	-	-	-	-	● 2HE6A350
-	-	.1575	4	-	-	-	-	-	-	-	● 2HE6A400
-	-	.1634	4,15	-	-	-	-	-	-	-	● 2HE6A415
.5512	14	3/16 (.1874)	4,763	.1575	4	-	-	-	-	M8 x 100	● 2HE6A476
-	-	#12 (.189)	4,8	-	-	-	-	-	-	-	● 2HE6A480
-	-	.1969	5	-	-	-	-	-	-	-	● 2HE6A500
-	-	.2205	5,6	-	-	-	-	-	-	-	● 2HE6A560
-	-	.2362	6	-	-	-	-	-	-	-	● 2HE6A600
-	-	1/4 (.25)	6,35	-	-	-	-	-	-	-	● 2HE6A635
.6693	17	.2756	7	.1969	5	-	-	-	-	-	● 2HE6A700
-	-	5/16 (.3126)	7,938	-	-	-	-	-	-	-	● 2HE6A794
-	-	.315	8	-	-	-	-	-	-	-	● 2HE6A800
.8268	21	3/8 (.375)	9,525	-	-	-	3	-	-	-	● 2HE6A952
-	-	.3937	10	-	-	-	-	-	-	-	● 2HE6A000

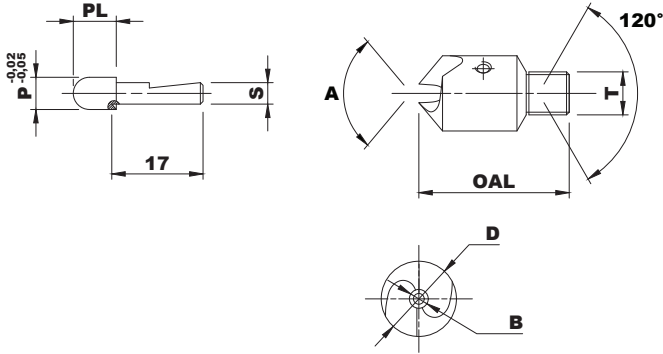
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.



Metric inserted pilot countersink HSS-E 8% Co – SPECIAL COMPOSITES



Application:

To use with metric microstop cages and with our pilots (item 2YA). Cutting edge geometry is adapted to avoid any delamination in composite materials.

Tool geometry:

Right hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Composite, CFRP, Kevlar

D		P		B		A	OAL		T	Item
inch	mm	inch	mm	inch	mm		inch	mm		
COUNTERSINKS ONLY										
.3937	10			.0984	2.5	100°	1.1024	28	M6 x 100	● 2HH1A001
.5512	14			.1575	4	-	-	-	M8 x 100	● 2HH1A002
COUNTERSINKS WITH MOUNTED PILOT										
.3937	10	.1181	3	.0984	2.5	100°	1.1024	28	M6 x 100	● 2HH1A300
-	-	1/8 (.1248)	3,175	-	-	-	-	-	-	● 2HH1A317
-	-	.126	3,2	-	-	-	-	-	-	● 2HH1A320
-	-	.1378	3,5	-	-	-	-	-	-	● 2HH1A350
-	-	.1575	4	-	-	-	-	-	-	● 2HH1A400
-	-	.1634	4,15	-	-	-	-	-	-	● 2HH1A415
.5512	14	#12 (.189)	4,8	.1575	4	-	-	-	M8 x 100	● 2HH1A480
-	-	.1969	5	-	-	-	-	-	-	● 2HH1A500
-	-	.2362	6	-	-	-	-	-	-	● 2HH1A600
-	-	1/4 (.25)	6,35	-	-	-	-	-	-	● 2HH1A635

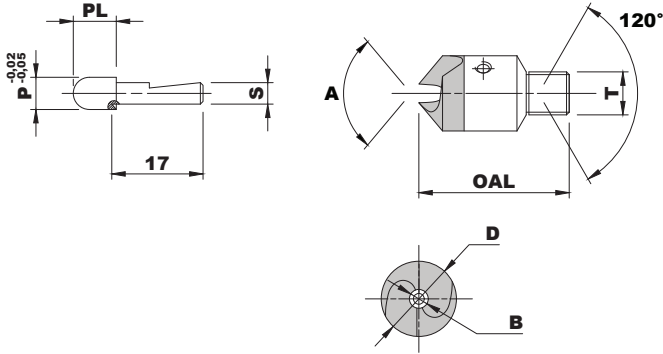
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Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Metric inserted pilot countersink Carbide butt – SPECIAL COMPOSITES



Application:

To use with metric microstop cages and with our pilots (item 2YA). Cutting edge geometry is adapted to avoid any delamination in composite materials.

Tool geometry:

Right hand cut
F = flute number

Tool material:

Carbide butt

For:

Composite, CFRP, Kevlar

D		P		B		A	OAL		T	Item
inch	mm	inch	mm	inch	mm		inch	mm		
COUNTERSINKS ONLY										
.3937	10			.0984	2.5	100°	1.1024	28	M6 x 100	● 2HH3A001
-	-			-	-	90°	-	-	-	● 2HH3A003
-	-			-	-	130°	-	-	-	● 2HH3A004
.5512	14			.1575	4	100°	-	-	M8 x 100	● 2HH3A002
-	-			-	-	90°	-	-	-	● 2HH3A005
-	-			-	-	130°	-	-	-	● 2HH3A006
COUNTERSINKS WITH MOUNTED PILOT										
.3937	10	.1181	3	.0984	2.5	100°	1.1024	28	M6 x 100	● 2HH3A300
-	-	1/8 (.1248)	3,175	-	-	-	-	-	-	● 2HH3A317
-	-	.126	3,2	-	-	-	-	-	-	● 2HH3A320
-	-	.1378	3,5	-	-	-	-	-	-	● 2HH3A350
-	-	.1575	4	-	-	-	-	-	-	● 2HH3A400
-	-	.1634	4,15	-	-	-	-	-	-	● 2HH3A415
.5512	14	#12 (.189)	4,8	.1575	4	-	-	-	M8 x 100	● 2HH3A480
-	-	.1969	5	-	-	-	-	-	-	● 2HH3A500
-	-	.2362	6	-	-	-	-	-	-	● 2HH3A600
-	-	1/4 (.25)	6,35	-	-	-	-	-	-	● 2HH3A635

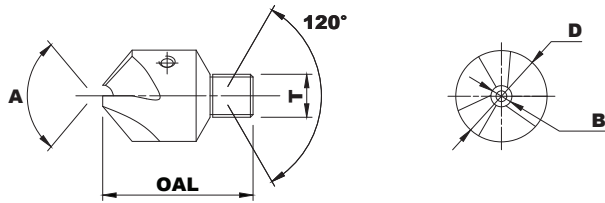
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Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Inch inserted pilot countersink HSS-E 8% Co



Application:

To use with inch microstop cages and with our pilots (item 2YA).

Tool geometry:

Right hand spiral 6°
Right hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42).

For:

Aluminium, (Titanium)

D		B		A	F	OAL		T	Item
inch	mm	inch	mm			inch	mm		
.3937	10	.0787	2	100°	2	1.1024	28	1/4-28 UNF	○ 2HF1A022
-	-	-	-	-	3	-	-	-	○ 2HF1A001
-	-	.0984	2.5	-	2	-	-	-	○ 2HF1A023
-	-	-	-	-	3	-	-	-	● 2HF1A002
-	-	.1181	3	-	2	-	-	-	○ 2HF1A024
-	-	-	-	-	3	-	-	-	● 2HF1A003
-	-	.1378	3.5	-	2	-	-	-	○ 2HF1A025
-	-	-	-	-	3	-	-	-	● 2HF1A004
.5512	14	.0984	2.5	-	-	-	-	-	○ 2HF1A005
-	-	.1181	3	-	-	-	-	-	○ 2HF1A006
-	-	.1378	3.5	-	-	-	-	-	○ 2HF1A007
-	-	.1575	4	-	2	-	-	-	○ 2HF1A026
-	-	-	-	-	3	-	-	-	● 2HF1A008
.6693	17	.1181	3	-	-	-	-	-	○ 2HF1A009
-	-	.1378	3.5	-	-	-	-	-	○ 2HF1A010
-	-	.1575	4	-	-	-	-	-	○ 2HF1A011
-	-	.1969	5	-	-	-	-	-	○ 2HF1A012
.8268	21	.1378	3.5	-	-	-	-	-	○ 2HF1A013
-	-	.1575	4	-	-	-	-	-	○ 2HF1A014
-	-	.1969	5	-	-	-	-	-	○ 2HF1A015
7/8 (.875)	22.225	.2362	6	-	-	1.6535	42	3/8-24 UNF	○ 2HF1A016
1	25.4	-	-	-	-	-	-	-	○ 2HF1A017
1-1/8 (1.125)	28.575	-	-	-	-	-	-	-	○ 2HF1A018
1-1/4 (1.25)	31.75	-	-	-	-	-	-	-	○ 2HF1A019
1-3/8 (1.375)	34.925	-	-	-	-	-	-	-	○ 2HF1A020
1-1/2 (1.5)	38.1	-	-	-	-	-	-	-	○ 2HF1A021

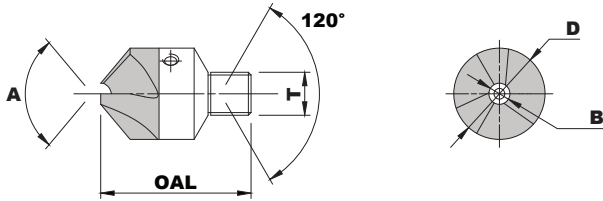
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Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Inch inserted pilot countersink Carbide butt



Application:

To use with inch microstop cages and with our pilots (item 2YA).

Tool geometry:

Right hand spiral 3°
Right hand cut
F = flute number

Tool material:

Carbide butt

For:

Aluminium, (Composite), Titanium

D		B		A	F	OAL		T	Item
inch	mm	inch	mm			inch	mm		
.3937	10	.0787	2	100°	3	1.1024	28	1/4-28 UNF	○ 2HF3A001
-	-	.0984	2.5	-	-	-	-	-	○ 2HF3A002
-	-	.1181	3	-	-	-	-	-	○ 2HF3A003
-	-	.1378	3.5	-	-	-	-	-	○ 2HF3A004
.5512	14	.0984	2.5	-	-	-	-	-	○ 2HF3A005
-	-	.1181	3	-	-	-	-	-	○ 2HF3A006
-	-	.1378	3.5	-	-	-	-	-	○ 2HF3A007
-	-	.1575	4	-	-	-	-	-	○ 2HF3A008
.6693	17	.1181	3	-	-	-	-	-	○ 2HF3A009
-	-	.1378	3.5	-	-	-	-	-	○ 2HF3A010
-	-	.1575	4	-	-	-	-	-	○ 2HF3A011
-	-	.1969	5	-	-	-	-	-	○ 2HF3A012
.8268	21	.1378	3.5	-	-	-	-	-	○ 2HF3A013
-	-	.1575	4	-	-	-	-	-	○ 2HF3A014
-	-	.1969	5	-	-	-	-	-	○ 2HF3A015
7/8 (.875)	22.225	.2362	6	-	-	1.6535	42	3/8-24 UNF	○ 2HF3A016
1	25.4	-	-	-	-	-	-	-	○ 2HF3A017
1-1/8 (1.125)	28.575	-	-	-	-	-	-	-	○ 2HF3A018
1-1/4 (1.25)	31.75	-	-	-	-	-	-	-	○ 2HF3A019
1-3/8 (1.375)	34.925	-	-	-	-	-	-	-	○ 2HF3A020
1-1/2 (1.5)	38.1	-	-	-	-	-	-	-	○ 2HF3A021

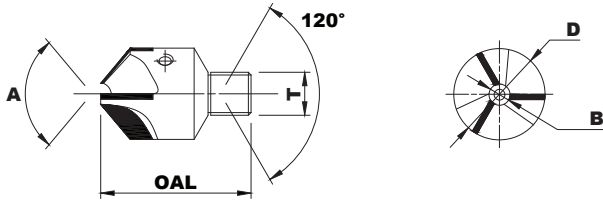
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.



Inch inserted pilot countersink PCD tipped



Application:

To use with inch microstop cages and with our pilots (item 2YA). The minimum pilot diameter has to be .0314" (0.8 mm) larger than the countersink's boring.

Tool geometry:

Straight flute
Right hand cut
F = flute number

Tool material:

Polycrystalline diamond tipped

For:

Composite, CFRP

D		B		A	F	OAL		T	Item
inch	mm	inch	mm			inch	mm		
.3937	10	.0787	2	100°	3	1.1024	28	1/4-28 UNF	○ 2HF6A001
-	-	.0984	2.5	-	-	-	-	-	○ 2HF6A002
-	-	.1181	3	-	-	-	-	-	○ 2HF6A003
-	-	.1378	3.5	-	-	-	-	-	○ 2HF6A004
.5512	14	.0984	2.5	-	-	-	-	-	○ 2HF6A005
-	-	.1181	3	-	-	-	-	-	○ 2HF6A006
-	-	.1378	3.5	-	-	-	-	-	○ 2HF6A007
-	-	.1575	4	-	-	-	-	-	○ 2HF6A008
.6693	17	.1181	3	-	-	-	-	-	○ 2HF6A009
-	-	.1378	3.5	-	-	-	-	-	○ 2HF6A010
-	-	.1575	4	-	-	-	-	-	○ 2HF6A011
-	-	.1969	5	-	-	-	-	-	○ 2HF6A012
.8268	21	.1378	3.5	-	-	-	-	-	○ 2HF6A013
-	-	.1575	4	-	-	-	-	-	○ 2HF6A014
-	-	.1969	5	-	-	-	-	-	○ 2HF6A015
7/8 (.875)	22.225	.2362	6	-	-	1.6535	42	3/8-24 UNF	○ 2HF6A016
1	25.4	-	-	-	-	-	-	-	○ 2HF6A017
1-1/8 (1.125)	28.575	-	-	-	-	-	-	-	○ 2HF6A018
1-1/4 (1.25)	31.75	-	-	-	-	-	-	-	○ 2HF6A019
1-3/8 (1.375)	34.925	-	-	-	-	-	-	-	○ 2HF6A020
1-1/2 (1.5)	38.1	-	-	-	-	-	-	-	○ 2HF6A021

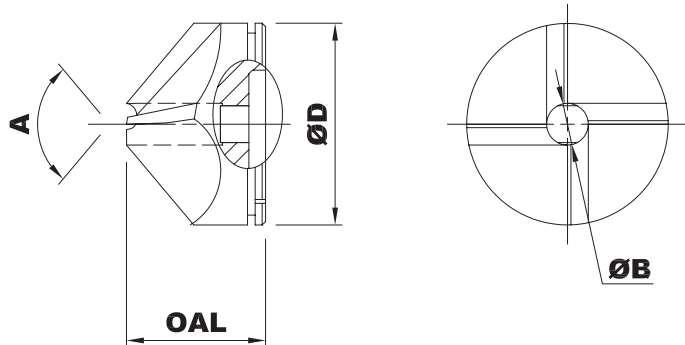
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.



Back countersink Bayonet lock type – HSS-E 8% Co



Application:

To use with our bayonet lock type pilots (item 2YB).

Tool geometry:

Left hand spiral 12°
Left hand cut
F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		B		A	F	OAL		Item
inch	mm	inch	mm			inch	mm	
.315	8	.0984	2.5	100°	4	.3937	10	● 2HG1A051
5/16 (.3125)	7.938	.1181	3	-	-	-	-	○ 2HG1A001
.315	8	-	-	-	-	-	-	● 2HG1A002
.3543	9	-	-	-	-	-	-	○ 2HG1A003
3/8 (.375)	9.525	-	-	-	-	-	-	○ 2HG1A004
.3937	10	-	-	-	-	-	-	● 2HG1A005
.4331	11	-	-	-	-	-	-	○ 2HG1A006
7/16 (.4375)	11.113	-	-	-	-	-	-	○ 2HG1A007
.4724	12	-	-	-	-	-	-	● 2HG1A008
1/2 (.5)	12.7	-	-	-	-	-	-	○ 2HG1A009
.5118	13	-	-	-	-	-	-	○ 2HG1A010
.5512	14	-	-	-	-	-	-	● 2HG1A011
9/16 (.5625)	14.288	.1575	4	-	-	.6299	16	○ 2HG1A012
.5906	15	-	-	-	-	-	-	○ 2HG1A013
5/8 (.625)	15.875	-	-	-	-	-	-	○ 2HG1A014
.6299	16	-	-	-	-	-	-	● 2HG1A015
.6693	17	-	-	-	-	-	-	● 2HG1A016
11/16 (.6875)	17.463	-	-	-	-	-	-	○ 2HG1A017
.7087	18	-	-	-	-	-	-	○ 2HG1A018
.748	19	-	-	-	-	-	-	○ 2HG1A019
3/4 (.75)	19.05	-	-	-	-	-	-	○ 2HG1A020
.7874	20	-	-	-	-	-	-	● 2HG1A021
13/16 (.8125)	20.638	-	-	-	-	-	-	○ 2HG1A022
.8268	21	.1969	5	-	-	.7087	18	○ 2HG1A023
.8661	22	-	-	-	-	-	-	● 2HG1A024
7/8 (.875)	22.225	-	-	-	-	-	-	○ 2HG1A025
.9055	23	-	-	-	-	-	-	○ 2HG1A026
15/16 (.9375)	23.812	-	-	-	-	-	-	○ 2HG1A027
.9449	24	-	-	-	-	-	-	● 2HG1A028
.9843	25	-	-	-	-	-	-	○ 2HG1A029
1	25.4	-	-	-	-	-	-	○ 2HG1A030

● stored products ○ not stored products

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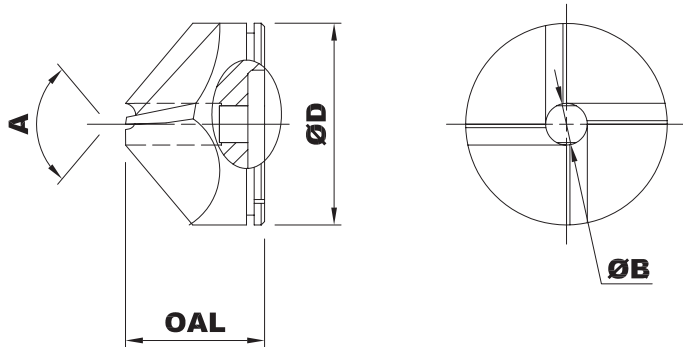
Please, contact us for any request at request@nexam.aero.



Back countersink

Bayonet lock type – HSS-E 8% Co

2/4

**Application:**

To use with our bayonet lock type pilots (item 2YB).

Tool geometry:

Left hand spiral 12°

Left hand cut

F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

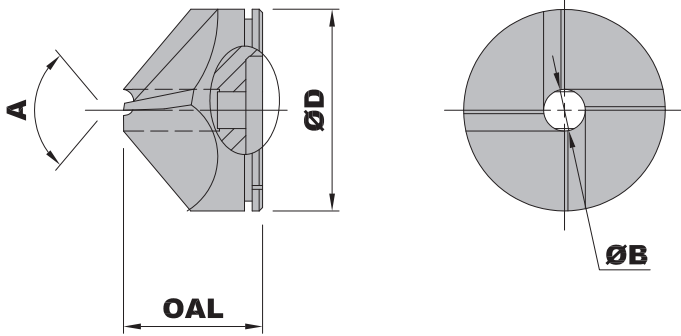
D		B		A	F	OAL		Item
inch	mm	inch	mm			inch	mm	
1.0236	26	.2362	6	100°	4	.7874	20	● 2HG1A031
1-1/16 (1.0625)	26.998	-	-	-	-	-	-	○ 2HG1A032
1.1024	28	-	-	-	-	-	-	○ 2HG1A033
1-1/8 (1.125)	28.575	-	-	-	-	-	-	○ 2HG1A034
1.1417	29	-	-	-	-	-	-	○ 2HG1A035
1.1811	30	-	-	-	-	-	-	○ 2HG1A036
1-3/16 (1.1875)	30.162	-	-	-	-	-	-	○ 2HG1A037
1.2205	31	-	-	-	-	-	-	○ 2HG1A038
1-1/4 (1.25)	31.75	-	-	-	-	-	-	○ 2HG1A039
1.2598	32	-	-	-	-	-	-	○ 2HG1A040
1.2992	33	-	-	-	-	-	-	○ 2HG1A041
1-5/16 (1.3125)	33.338	-	-	-	-	-	-	○ 2HG1A042
1.3386	34	-	-	-	-	-	-	○ 2HG1A043
1-3/8 (1.375)	34.925	-	-	-	-	-	-	○ 2HG1A044
1.378	35	-	-	-	-	-	-	○ 2HG1A045
1.4173	36	-	-	-	-	-	-	○ 2HG1A046
1-7/16 (1.4375)	36.513	-	-	-	-	-	-	○ 2HG1A047
1.4567	37	-	-	-	-	-	-	○ 2HG1A048
1.4961	38	-	-	-	-	-	-	○ 2HG1A049
1-1/2 (1.5)	38.1	-	-	-	-	-	-	○ 2HG1A050

● stored products ○ not stored products

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Back countersink Bayonet lock type – Carbide



Application:

To use with our bayonet lock type pilots (item 2YB).

Tool geometry:

Left hand spiral 3°
Left hand cut
F = flute number

Tool material:

Carbide

For:

Aluminium, (Composite), Titanium

D		B		A	F	OAL		Item
inch	mm	inch	mm			inch	mm	
.3937	10	.1181	3	100°	4	.3937	10	○ 2HG3A005
.4331	11	-	-	-	-	-	-	○ 2HG3A006
7/16 (.4375)	11.113	-	-	-	-	-	-	○ 2HG3A007
.4724	12	-	-	-	-	-	-	○ 2HG3A008
1/2 (.5)	12.7	-	-	-	-	-	-	○ 2HG3A009
.5118	13	-	-	-	-	-	-	○ 2HG3A010
.5512	14	-	-	-	-	-	-	○ 2HG3A011
9/16 (.5625)	14.288	.1575	4	-	-	.6299	16	○ 2HG3A012
.5906	15	-	-	-	-	-	-	○ 2HG3A013
5/8 (.625)	15.875	-	-	-	-	-	-	○ 2HG3A014
.6299	16	-	-	-	-	-	-	○ 2HG3A015
.6693	17	-	-	-	-	-	-	○ 2HG3A016
11/16 (.6875)	17.463	-	-	-	-	-	-	○ 2HG3A017
.7087	18	-	-	-	-	-	-	○ 2HG3A018
.748	19	-	-	-	-	-	-	○ 2HG3A019
3/4 (.75)	19.05	-	-	-	-	-	-	○ 2HG3A020
.7874	20	-	-	-	-	-	-	○ 2HG3A021
13/16 (.8025)	20.638	-	-	-	-	-	-	○ 2HG3A022
.8268	21	.1969	5	-	-	.7087	18	○ 2HG3A023
.8661	22	-	-	-	-	-	-	○ 2HG3A024
7/8 (.875)	22.225	-	-	-	-	-	-	○ 2HG3A025
.9055	23	-	-	-	-	-	-	○ 2HG3A026
15/16 (.9375)	23.812	-	-	-	-	-	-	○ 2HG3A027
.9449	24	-	-	-	-	-	-	○ 2HG3A028
.9843	25	-	-	-	-	-	-	○ 2HG3A029
1	25.4	-	-	-	-	-	-	○ 2HG3A030
1.0236	26	.2362	6	-	-	.7874	20	○ 2HG3A031
1-1/16 (1.0625)	26.998	-	-	-	-	-	-	○ 2HG3A032
1.1024	28	-	-	-	-	-	-	○ 2HG3A033
1-1/8 (1.125)	28.575	-	-	-	-	-	-	○ 2HG3A034
1.1417	29	-	-	-	-	-	-	○ 2HG3A035
1.1811	30	-	-	-	-	-	-	○ 2HG3A036
1-3/16 (1.1875)	30.162	-	-	-	-	-	-	○ 2HG3A037
1.2205	31	-	-	-	-	-	-	○ 2HG3A038
1-1/4 (1.25)	31.75	-	-	-	-	-	-	○ 2HG3A039
1.2598	32	-	-	-	-	-	-	○ 2HG3A040

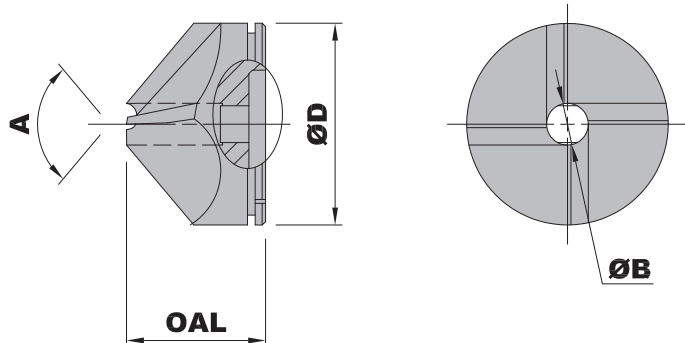
● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.



Back countersink Bayonet lock type – Carbide



Application:

To use with our bayonet lock type pilots (item 2YB).

Tool geometry:

Left hand spiral 3°
Left hand cut
F = flute number

Tool material:

Carbide

For:

Aluminium, (Composite), Titanium

D		B		A	F	OAL		Item
inch	mm	inch	mm			inch	mm	
1.2992	33	.2362	6	100°	4	.7874	20	○ 2HG3A041
1-5/16 (1.3125)	33.338	-	-	-	-	-	-	○ 2HG3A042
1.3386	34	-	-	-	-	-	-	○ 2HG3A043
1-3/8 (1.375)	34.925	-	-	-	-	-	-	○ 2HG3A044
1.378	35	-	-	-	-	-	-	○ 2HG3A045
1.4173	36	-	-	-	-	-	-	○ 2HG3A046
1-7/16 (1.4275)	36.513	-	-	-	-	-	-	○ 2HG3A047
1.4567	37	-	-	-	-	-	-	○ 2HG3A048
1.4961	38	-	-	-	-	-	-	○ 2HG3A049
1-1/2 (1.5)	38.1	-	-	-	-	-	-	○ 2HG3A050

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

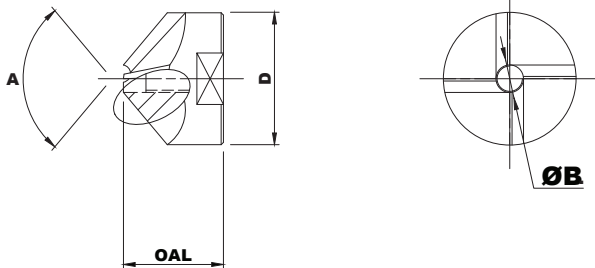
Please, contact us for any request at request@nexam.aero.



Back countersink with thread

HSS-E 8% Co

1/1

**Application:**

To use with our threaded pilots (item 2YD).

Tool geometry:

Left hand spiral 12°

Left hand cut

F = flute number

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		B	A	F	OAL		Item
inch	mm	mm			inch	mm	
.2362	6	M2	100°	4	.3937	10	● 2HJ1A001
-	-	-	-	-	.2559	6.5	● 2HJ1A002
-	-	M2,5	-	-	.2756	7	● 2HJ1A003
.315	8	-	-	-	-	-	● 2HJ1A004
.3937	10	-	-	-	-	-	● 2HJ1A005
.315	8	M3	-	-	.3937	10	● 2HJ1A006
.4724	12	-	90°	-	-	-	○ 2HJ1A007
-	-	M4	100°	-	-	-	○ 2HJ1A008
.3937	10	-	-	-	.4724	12	○ 2HJ1A009
.5512	14	M5	-	-	.6299	16	○ 2HJ1A010
.6299	16	-	-	-	-	-	○ 2HJ1A011
.7874	20	-	-	-	-	-	○ 2HJ1A012
-	-	M6	-	-	.5512	14	○ 2HJ1A013

● stored products ○ not stored products

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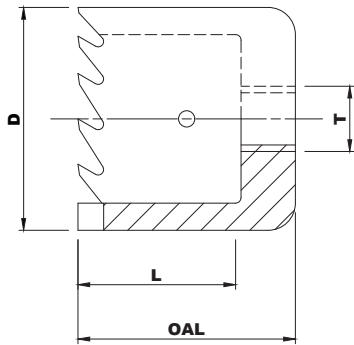
Assembly tools

Holesaws & Trepan

21A	Holesaw – inserted pilot <i>HSS-E 8% Co – threaded</i>	152
21B	Trepan – integral pilot <i>Carbide tipped – plain shank</i>	154

Holesaw – Inserted pilot HSS-E 8% Co – Threaded

1/2

**Application:**

From a pre-hole, these holesaws allow the drilling of a larger hole in all material thicknesses where the tensile strength is lower than 1300N/mm². To use with our pilots (item 2YC).

Tool geometry:

Right hand spiral 5°
Right hand cut

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		T	L		OAL		Item
inch	mm		inch	mm	inch	mm	
3/8 (.375)	9.525	M6	.4724	12	.7874	20	○ 2IA1A001
.3937	10	-	-	-	-	-	● 2IA1A002
.4331	11	-	-	-	-	-	● 2IA1A003
7/16 (.4375)	11.113	-	-	-	-	-	○ 2IA1A004
.4724	12	-	-	-	-	-	● 2IA1A005
1/2 (.5)	12.7	-	-	-	-	-	○ 2IA1A006
.5118	13	-	-	-	-	-	● 2IA1A007
.5512	14	M8	-	-	-	-	● 2IA1A008
9/16 (.5625)	14.288	-	-	-	-	-	○ 2IA1A009
.5906	15	-	-	-	-	-	● 2IA1A010
5/8 (.625)	15.875	-	-	-	-	-	○ 2IA1A011
.6299	16	-	-	-	-	-	● 2IA1A012
.6693	17	-	-	-	-	-	● 2IA1A013
11/16 (.6875)	17.463	-	-	-	-	-	○ 2IA1A014
.7087	18	-	-	-	-	-	● 2IA1A015
.748	19	-	-	-	-	-	● 2IA1A016
3/4 (.75)	19.05	-	-	-	-	-	○ 2IA1A017
.7874	20	M10	.5906	15	.9843	25	● 2IA1A018
13/16 (.8125)	20.638	-	-	-	-	-	○ 2IA1A019
.8268	21	-	-	-	-	-	● 2IA1A020
.8661	22	-	-	-	-	-	● 2IA1A021
7/8 (.875)	22.225	-	-	-	-	-	○ 2IA1A022
.9055	23	-	-	-	-	-	● 2IA1A023
15/16 (.9375)	23.812	-	-	-	-	-	○ 2IA1A024
.9449	24	-	-	-	-	-	● 2IA1A025
.9843	25	-	-	-	-	-	● 2IA1A026
1	25.4	-	-	-	-	-	○ 2IA1A027
1.0236	26	-	-	-	-	-	● 2IA1A028
1-1/16 (1.0629)	26.998	-	-	-	-	-	○ 2IA1A029
1.063	27	-	-	-	-	-	● 2IA1A030
1.1024	28	-	-	-	-	-	● 2IA1A031
1-1/8 (1.125)	28.575	-	-	-	-	-	○ 2IA1A032
1.1417	29	-	-	-	-	-	○ 2IA1A033
1.1811	30	M12	.7087	18	1.1811	30	● 2IA1A034
1-3/16 (1.1875)	30.162	-	-	-	-	-	○ 2IA1A035
1.2205	31	-	-	-	-	-	○ 2IA1A036
1-1/4 (1.25)	31.75	-	-	-	-	-	○ 2IA1A037
1.2598	32	-	-	-	-	-	● 2IA1A038
1.2992	33	-	-	-	-	-	○ 2IA1A039

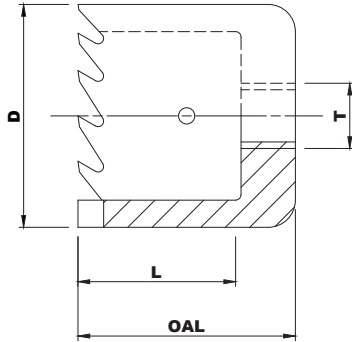
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Please, contact us for any request at request@nexam.aero.

Holesaw – Inserted pilot

HSS-E 8% Co – Threaded

**Application:**

From a pre-hole, these holesaws allow the drilling of a larger hole in all material thicknesses where the tensile strength is lower than 1300N/mm². To use with our pilots (item 2YC).

Tool geometry:

Right hand spiral 5°
Right hand cut

Tool material:

High speed steel 8% Co (M42)

For:

Aluminium, (Titanium)

D		T	L		OAL		Item
inch	mm		inch	mm	inch	mm	
1-5/16 (1.3125)	33.338	M12	.7087	18	1.1811	30	○ 21A1A040
1.3386	34	-	-	-	-	-	● 21A1A041
1-3/8 (1.375)	34.925	-	-	-	-	-	○ 21A1A042
1.378	35	-	-	-	-	-	● 21A1A043
1.4173	36	-	-	-	-	-	● 21A1A044
1-7/16 (1.4375)	36.512	-	-	-	-	-	○ 21A1A045
1.4567	37	-	-	-	-	-	○ 21A1A046
1.4961	38	-	-	-	-	-	● 21A1A047
1-1/2 (1.5)	38.1	-	-	-	-	-	○ 21A1A048
1.5354	39	-	-	-	-	-	○ 21A1A049
1-9/16 (1.5625)	39.688	-	-	-	-	-	○ 21A1A050
1.5748	40	-	-	-	-	-	● 21A1A051
1.6142	41	-	-	-	-	-	○ 21A1A052
1-5/8 (1.625)	41.275	-	-	-	-	-	○ 21A1A053
1.6535	42	-	-	-	-	-	● 21A1A054
1-11/16 (1.6875)	42.862	-	-	-	-	-	○ 21A1A055
1.6929	43	-	-	-	-	-	● 21A1A056
1.7323	44	-	-	-	-	-	● 21A1A057
1-3/4 (1.75)	44.45	-	-	-	-	-	○ 21A1A058
1.7717	45	-	-	-	-	-	● 21A1A059
1.811	46	-	-	-	-	-	● 21A1A060
1-13/16 (1.8125)	46.038	-	-	-	-	-	○ 21A1A061
1.8504	47	-	-	-	-	-	○ 21A1A062
1-7/8 (1.875)	47.625	-	-	-	-	-	○ 21A1A063
1.8898	48	-	-	-	-	-	● 21A1A064
1.9291	49	-	-	-	-	-	○ 21A1A065
1-15/16 (1.9375)	49.212	-	-	-	-	-	○ 21A1A066
1.9685	50	-	-	-	-	-	● 21A1A067
2	50.8	-	-	-	-	-	○ 21A1A068

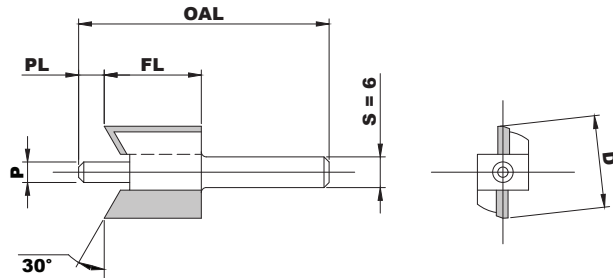
● stored products ○ not stored products

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Trepan – Integral pilot

Carbide tipped – Plain shank



Application:

From a pre-hole, these trepans allow to drill a larger hole in composite and abrasive materials.

Tool geometry:

Straight flute
Right hand cut

Tool material:

Carbide tipped

For:

Composite, CFRP, Kevlar

D		P		PL		FL		OAL		Item
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
.315	8	.1181	3	.1969	5	.5906	15	1.7717	45	● 2IB3A001
.3346	8.5	-	-	-	-	-	-	-	-	○ 2IB3A002
.3543	9	.1575	4	-	-	-	-	-	-	○ 2IB3A003
.374	9.5	-	-	-	-	-	-	-	-	○ 2IB3A004
3/8 (.375)	9.525	-	-	-	-	-	-	-	-	○ 2IB3A005
.3937	10	-	-	-	-	-	-	-	-	● 2IB3A006
.4134	10.5	-	-	-	-	-	-	-	-	● 2IB3A007
.4331	11	-	-	-	-	-	-	-	-	● 2IB3A008
7/16 (.4375)	11.113	-	-	-	-	-	-	-	-	○ 2IB3A009
.4409	11.2	-	-	-	-	-	-	-	-	● 2IB3A010
.4528	11.5	-	-	-	-	-	-	-	-	● 2IB3A011
.4724	12	-	-	-	-	-	-	-	-	● 2IB3A012
.4921	12.5	-	-	-	-	-	-	-	-	● 2IB3A013
1/2 (.5)	12.7	-	-	-	-	.9843	25	2.1654	55	● 2IB3A014
.5118	13	-	-	-	-	-	-	-	-	● 2IB3A015
.5512	14	-	-	-	-	-	-	-	-	● 2IB3A016
.5591	14.2	-	-	-	-	-	-	-	-	● 2IB3A017
9/16 (.5625)	14.288	-	-	-	-	-	-	-	-	○ 2IB3A018
.5906	15	-	-	-	-	-	-	-	-	● 2IB3A019
5/8 (.625)	15.875	-	-	-	-	-	-	-	-	○ 2IB3A020
.6299	16	-	-	-	-	-	-	-	-	● 2IB3A021
.6378	16.2	-	-	-	-	-	-	-	-	● 2IB3A022
.6457	16.4	-	-	-	-	-	-	-	-	● 2IB3A023
.6693	17	-	-	-	-	-	-	-	-	● 2IB3A024
11/16 (.6875)	17.463	-	-	-	-	-	-	-	-	● 2IB3A025
.6929	17.6	-	-	-	-	1.1811	30	2.3622	60	● 2IB3A080
.7087	18	-	-	-	-	.9843	25	2.1654	55	● 2IB3A026
.748	19	-	-	-	-	-	-	-	-	● 2IB3A027
3/4 (.75)	19.05	-	-	-	-	-	-	-	-	○ 2IB3A028
.7874	20	-	-	-	-	-	-	-	-	● 2IB3A029
13/16 (.8125)	20.638	-	-	-	-	-	-	-	-	○ 2IB3A030
.8268	21	-	-	-	-	-	-	-	-	● 2IB3A031
.8465	21.5	-	-	-	-	1.1811	30	2.3622	60	○ 2IB3A079
.8661	22	-	-	-	-	.9843	25	2.1654	55	● 2IB3A032
7/8 (.875)	22.225	-	-	-	-	-	-	-	-	○ 2IB3A033
.9055	23	-	-	-	-	-	-	-	-	● 2IB3A034
15/16 (.9375)	23.812	-	-	-	-	-	-	-	-	○ 2IB3A035
.9449	24	-	-	-	-	-	-	-	-	● 2IB3A036
.9843	25	-	-	-	-	-	-	-	-	● 2IB3A037

● stored products ○ not stored products

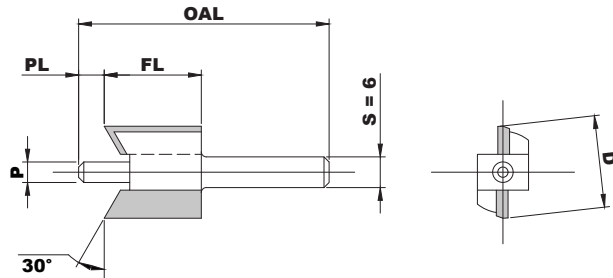
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Trepan – Integral pilot

Carbide tipped – Plain shank



Application:

From a pre-hole, these trepans allow to drill a larger hole in composite and abrasive materials.

Tool geometry:

Straight flute
Right hand cut

Tool material:

Carbide tipped

For:

Composite, CFRP, Kevlar

D		P		PL		FL		OAL		Item
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
1	25.4	.1575	4	.1969	5	.9843	25	2.1654	55	● 2IB3A038
1.0236	26	-	-	-	-	-	-	-	-	● 2IB3A039
1-1/16 (1.0629)	26.998	-	-	-	-	-	-	-	-	○ 2IB3A040
1.063	27	-	-	-	-	-	-	-	-	● 2IB3A041
1.1024	28	-	-	-	-	-	-	-	-	● 2IB3A042
1-1/8 (1.125)	28.575	-	-	-	-	1.1811	30	2.3622	60	○ 2IB3A043
1.1417	29	-	-	-	-	-	-	-	-	○ 2IB3A044
1.1811	30	-	-	-	-	-	-	-	-	● 2IB3A045
1-3/16 (1.1875)	30.162	-	-	-	-	-	-	-	-	○ 2IB3A046
1.2205	31	-	-	-	-	-	-	-	-	○ 2IB3A047
1-1/4 (1.25)	31.75	-	-	-	-	-	-	-	-	○ 2IB3A048
1.2598	32	-	-	-	-	-	-	-	-	● 2IB3A049
1.2992	33	-	-	-	-	-	-	-	-	○ 2IB3A050
1-5/16 (1.3125)	33.338	-	-	-	-	-	-	-	-	○ 2IB3A051
1.3386	34	-	-	-	-	-	-	-	-	● 2IB3A052
1-3/8 (1.375)	34.925	-	-	-	-	-	-	-	-	○ 2IB3A053
1.378	35	-	-	-	-	-	-	-	-	● 2IB3A054
1.4173	36	-	-	-	-	-	-	-	-	○ 2IB3A055
1-7/16 (1.4375)	36.512	-	-	-	-	-	-	-	-	○ 2IB3A056
1.4567	37	-	-	-	-	-	-	-	-	○ 2IB3A057
1.4961	38	-	-	-	-	-	-	-	-	○ 2IB3A058
1-1/2 (1.5)	38.1	-	-	-	-	-	-	-	-	○ 2IB3A059
1.5354	39	-	-	-	-	-	-	-	-	○ 2IB3A060
1-9/16 (1.5625)	39.688	-	-	-	-	-	-	-	-	○ 2IB3A061
1.5748	40	-	-	-	-	-	-	-	-	● 2IB3A062
1.6142	41	-	-	-	-	-	-	-	-	○ 2IB3A063
1-5/8 (1.625)	41.275	-	-	-	-	-	-	-	-	○ 2IB3A064
1.6535	42	-	-	-	-	-	-	-	-	○ 2IB3A065
1-11/16 (1.6875)	42.862	-	-	-	-	-	-	-	-	○ 2IB3A066
1.6929	43	-	-	-	-	-	-	-	-	○ 2IB3A067
1.7323	44	-	-	-	-	-	-	-	-	○ 2IB3A068
1-3/4 (1.75)	44.45	-	-	-	-	-	-	-	-	○ 2IB3A069
1.7717	45	-	-	-	-	-	-	-	-	○ 2IB3A070
1.811	46	-	-	-	-	-	-	-	-	○ 2IB3A071
1-13/16 (1.8125)	46.038	-	-	-	-	-	-	-	-	○ 2IB3A072
1.8504	47	-	-	-	-	-	-	-	-	○ 2IB3A073
1-7/8 (1.875)	47.625	-	-	-	-	-	-	-	-	○ 2IB3A074
1.8898	48	-	-	-	-	-	-	-	-	○ 2IB3A075
1.9291	49	-	-	-	-	-	-	-	-	○ 2IB3A076

● stored products ○ not stored products

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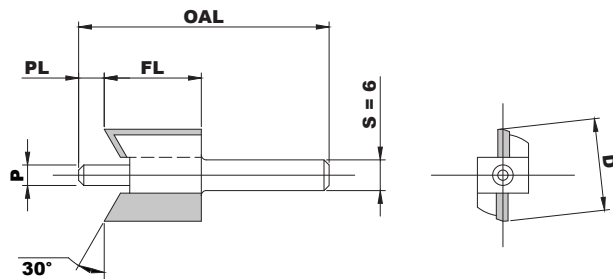
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Trepan – Integral pilot

Carbide tipped – Plain shank

3/3

**Application:**

From a pre-hole, these trepans allow to drill a larger hole in composite and abrasive materials.

Tool geometry:

Straight flute
Right hand cut

Tool material:

Carbide tipped

For:

Composite, CFRP, Kevlar

D		P		PL		FL		OAL		Item
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
1-15/16 (1.9375)	49.212	.1575	4	.1969	5	1.1811	30	2.3622	60	○ 21B3A077
1.9685	50	-	-	-	-	-	-	-	-	● 21B3A078

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Assembly tools

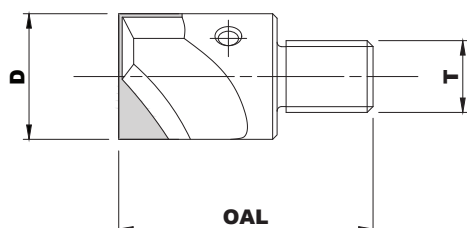
Rivet shaver cutters

2JA	Rivet shaver cutter – 2 flutes <i>Carbide tipped – Threaded shank</i>	158
2JB	Rivet shaver cutter <i>Solid carbide – Boring</i>	159

Rivet shaver cutter – 2 flutes

Carbide tipped

1/1

**Application:**

Shaving of the rivet protrusion after installation.
These cutters are mounted on 1/4"-28 UNF single rotation rivet shavers.

Tool geometry:

Right hand spiral 5°
Right hand cut
2 teeth to centre

Tool material:

Carbide tipped

For:

Aluminium

D		T	OAL		Item
inch	mm		inch	mm	
1/4 (.25)	6.35	1/4-28 UNF	1	25.4	○ 2JA3A001
5/16 (.3125)	7.938	-	1	25.4	● 2JA3A002
3/8 (.375)	9.525	-	1	25.4	● 2JA3A003
7/16 (.4375)	11.113	-	1	25.4	● 2JA3A004
1/2 (.5)	12.7	-	1	25.4	● 2JA3A005
9/16 (.5625)	14.288	-	1	25.4	○ 2JA3A006
5/8 (.625)	15.875	-	1	25.4	● 2JA3A007
3/4 (.75)	19.05	-	1	25.4	○ 2JA3A008
7/8 (.875)	22.225	-	1	25.4	○ 2JA3A009
1	25.4	-	1	25.4	○ 2JA3A010
1-1/8 (1.125)	28.575	-	1	25.4	○ 2JA3A011
1-1/4 (1.25)	31.75	-	1	25.4	○ 2JA3A012

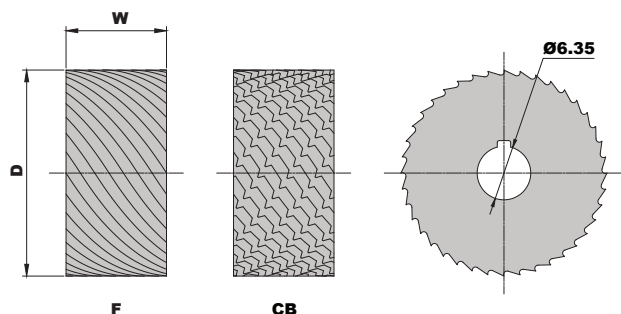
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Rivet shaver cutter

Solid carbide



Application:

Shaving of the rivet protrusion after installation. These cutters are mounted on dual rotation rivet shavers.

Tool geometry:

Right hand spiral
Right hand cut
F = flute number

Tool material:

Solid carbide

For:

Aluminium

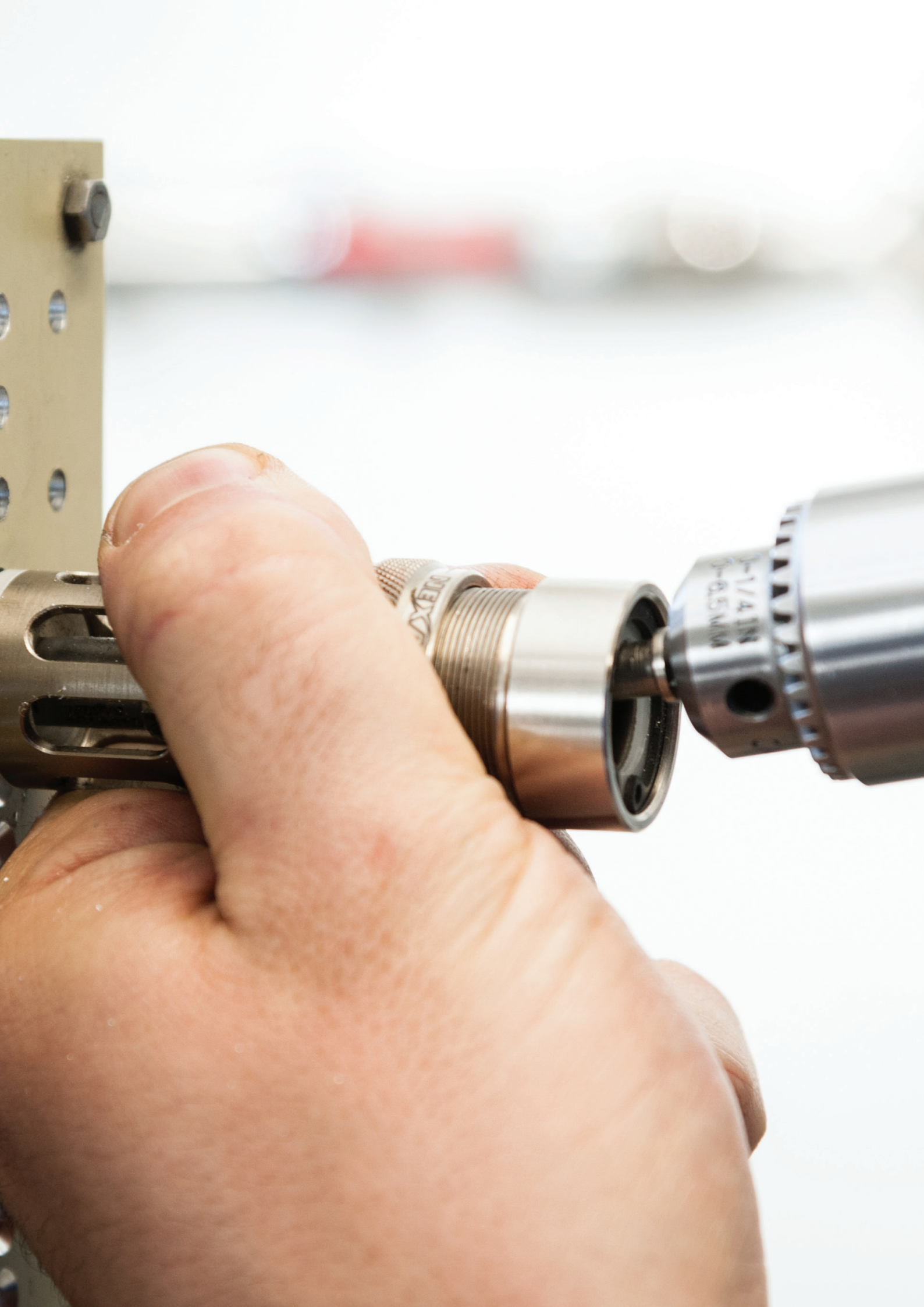
D		F	W		Type	Application	Item
inch	mm		inch	mm			
1-1/8 (1.125)	28.575	25	.375	9.525	F	Stainless	○ 2JB4A001
-	-	-	.5	12.7	-	Steel	○ 2JB4A002
-	-	-	.4375	11.112	-	-	○ 2JB4A003
-	-	-	.75	19.05	-	-	○ 2JB4A004
-	-	37	.375	9.525	CB	Aluminium	○ 2JB4A005
-	-	-	.5	12.7	-	-	○ 2JB4A006
-	-	-	.4375	11.112	-	-	○ 2JB4A007
-	-	-	.75	19.05	-	-	○ 2JB4A008
-	-	49	.375	9.525	-	-	○ 2JB4A013
-	-	-	.5	12.7	-	-	● 2JB4A014
-	-	-	.4375	11.112	-	-	○ 2JB4A015
-	-	-	.75	19.05	-	-	○ 2JB4A016
-	-	-	.375	9.525	F	Monel	○ 2JB4A009
-	-	-	.5	12.7	-	-	○ 2JB4A010
-	-	-	.4375	11.112	-	-	○ 2JB4A011
-	-	-	.75	19.05	-	-	○ 2JB4A012

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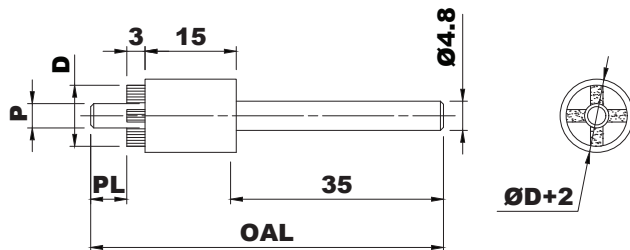
Assembly tools

Rivet hole brushes

2MA	Rivet hole brush <i>Brass wire or Stainless steel wire</i>		162
2MB	Back Rivet holes brush <i>Brass wire or Stainless steel wire</i>		163

Wire brush for Rivet holes

Brass wire (or Stainless steel wire on request)



Application:

To remove surface treatment such as paint, anodization around the holes, to allow electrical contact between the parts.

Tool geometry:

4 wire groups hold by Epoxy resin

Tool material:

Brass wire (or Stainless steel wire on request)

P		PL		D				F	OAL		Item
inch	mm	inch	mm	inch		mm			inch	mm	
				mini	maxi	mini	maxi				
x	x	.2	5	.1575	→ .2362	4	→ 6	4	2.28	58	○ 2MA0A001
-	-	-	-	.2366	→ .3937	6.01	→ 10	-	-	-	○ 2MA0A002
-	-	-	-	.3941	→ .4724	10.01	→ 12	-	-	-	○ 2MA0A003
-	-	-	-	.4728	→ .5512	12.01	→ 14	-	-	-	○ 2MA0A004
-	-	-	-	.5516	→ .748	14.01	→ 19	-	-	-	○ 2MA0A005
-	-	-	-	.7484	→ .9843	19.01	→ 25	-	-	-	○ 2MA0A006
-	-	-	-	.9846	→ 1.1811	25.01	→ 30	-	-	-	○ 2MA0A007
-	-	-	-	1.1815	→ 1.5748	30.01	→ 40	-	-	-	○ 2MA0A008
-	-	-	-	1.5752	→ 2.0472	40.01	→ 52	-	-	-	○ 2MA0A009
-	-	-	-	2.0476	→ 2.3622	52.01	→ 60	-	-	-	○ 2MA0A010

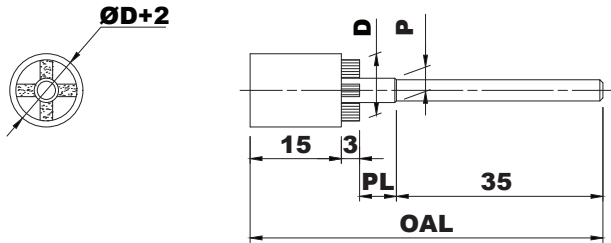
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Back wire brush for Rivet holes

Brass wire (or Stainless steel wire on request)



Application:

To remove surface treatment such as paint, anodization around the holes, to allow electrical contact between the parts.

Tool geometry:

4 wire groups hold by Epoxy resin

Tool material:

Brass wire (or Stainless steel wire on request)

P		PL		D				F	OAL		Item
inch	mm	inch	mm	inch		mm			inch	mm	
				mini	maxi	mini	maxi				
x	x	.2	5	.2362	→ .63	6	→ 16	4	2.28	58	○ 2MB0A001
-	-	-	-	.6303	→ .7874	16.01	→ 20	-	-	-	○ 2MB0A002

● stored products ○ not stored products

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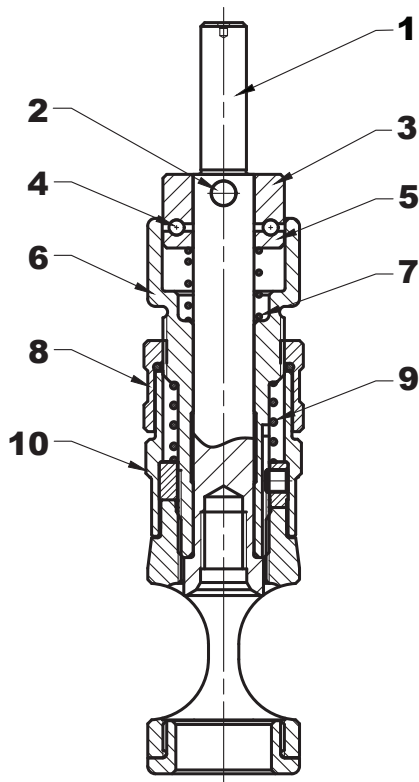
Assembly tools

Microstop cages

2XA	Compact microstop cages <i>Parallel shank Ø6mm</i>	166
2XB	Microstop cage <i>Parallel shank Ø6mm</i>	168
2XC	Ball type microstop cage <i>3 flats shank Ø6mm</i>	170
2XD	Microstop cage, stroke 14mm <i>3 flats shank Ø10mm</i>	172
2XE	Microstop cage, stroke 21mm <i>Shank Ø6 with or without flats</i>	174
2XF	Microstop cage, stroke 39mm <i>Shank Ø6 with or without flats</i>	176
2XG	Microstop cage, stroke 58mm <i>3 flats shank Ø10mm</i>	178
2XM	Microstop cage with bore interface <i>For Rivet Hole Brushes 2MA</i>	180

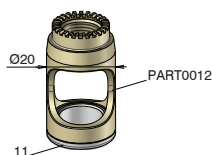
A red, brush-stroke style badge with the word "NEW" in white, slanted text.

Spare parts for compact microstop cages Stroke 6mm

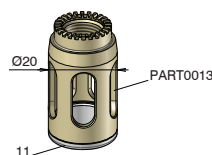


Spare part item	Index	qty	Description
PART0001	1	1	Spindle M6x100
PART0002	1	1	Spindle 1/4-28F
PART0003	2	1	Pin
PART0004	3	1	Ball bearing part 1
PART0005	4	19	Balls Ø2
PART0006	5	1	Ball bearing part 2
PART0007	6	1	Body
PART0008	7	1	Spring Ø0,7
PART0009	8	1	Lock nut
PART0010	9	1	Spring Ø0,9
PART0011	10	1	Knurled vernier
PART0016	11	1	Nylon nose
PART0017	11	1	Steel nose
PART0204	11	1	Tripod nylon nose
PART0201	11	1	Quadripod nylon nose

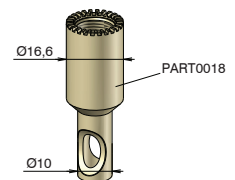
Base 1 :
Tapped base
Internal diameter, Ø12.6
Large strobe
Nylon or steel nose piece



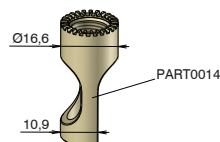
Base 2 :
Tapped base
Internal diameter, Ø12.6
"Security" strobe
Nylon or steel nose piece



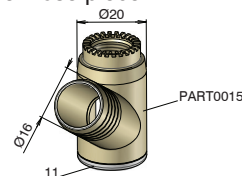
Base 3 :
Reduced base
Internal diameter, Ø7
Large strobe



Base 4 :
Base with offset
Internal diameter, Ø12.8
Offset 2,5mm



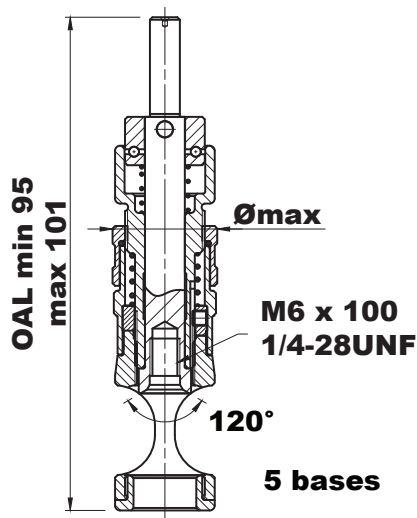
Base 5 :
Tapped base
Internal diameter, Ø12.6
With vaccum Ø16 x 13
Nylon or steel nose piece



Possible noses (see table): Flat, tripod or quadripod
In Nylon or steel



Compact Microstop cages Stroke 6mm



Application:

This device allows to control the depth of countersinking or counterboring on hand drill. To use with our counterbores (2GB 2GC), countersink (2HC 2HD 2HE 2HH 2HF) and our one shot drill countersink 2BB 2BC).

Pitch adjustment 0.03mm (0.0012").

Shank:

.2362 inch / 6 mm

Tool material:

Nickel-plated steel

Hardened steel for moving parts

Nose in Nylon or steel

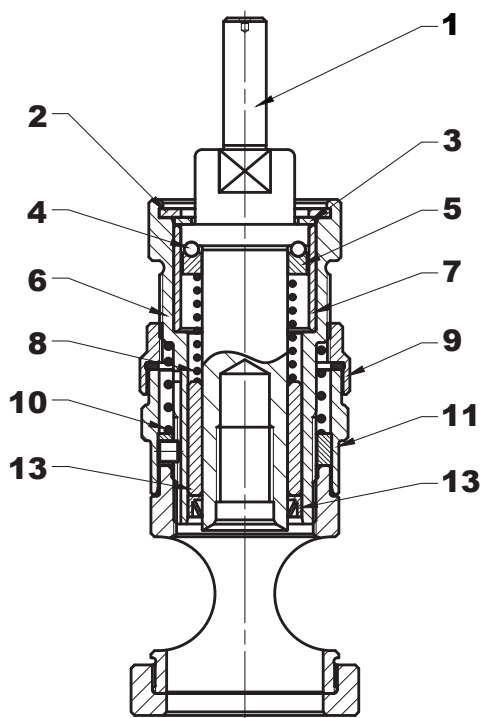
Thread	Shank		Stroke	Ø max B	Base		Item		Item		Item		Item	
	inch	mm			N°	Ø max	Nylon nose	Steel nose	Tripod nylon nose	Quadripod nylon nose				
M6 x 100	.2362	6	6	21	1	20	● 2XA0A001	● 2XA0A101	● 2XA0Y001	● 2XA0Z001				
-	-	-	-	-	2	20	● 2XA0A002	● 2XA0A102	● 2XA0Y002	● 2XA0Z002				
-	-	-	-	-	3	10		● 2XA0A103						
-	-	-	-	-	4	16.6		● 2XA0A104						
-	-	-	-	-	5	20	● 2XA0A005	● 2XA0A105	● 2XA0Y005	● 2XA0Z005				
1/4-28 UNF	-	-	-	-	1	20	● 2XA0A011	● 2XA0A111	● 2XA0Y011	● 2XA0Z011				
-	-	-	-	-	2	20	● 2XA0A012	● 2XA0A112	● 2XA0Y012	● 2XA0Z012				
-	-	-	-	-	3	10		● 2XA0A113						
-	-	-	-	-	4	16.6		● 2XA0A114						
-	-	-	-	-	5	20	● 2XA0A015	● 2XA0A115	● 2XA0Y015	● 2XA0Z015				

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

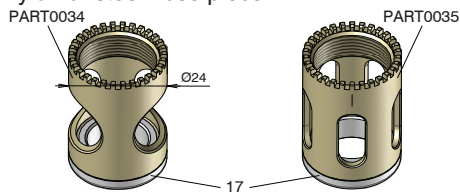
Please, contact us for any request at request@nexam.aero.

Spare parts for microstop cages Stroke 7.5mm

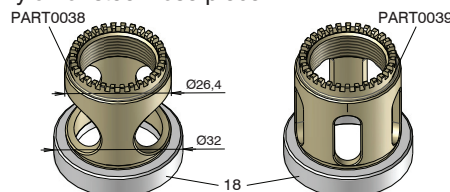


Spare part item	Index	qty	Description
PART0020	1	1	Spindle M6x100
PART0021	1	1	Spindle M8x100
PART0022	1	1	Spindle 1/4 - 28 UNF
PART0023	2	1	Internal circlips
PART0024	3	1	Flat washer
PART0005	4	22	Balls Ø2
PART0025	5	1	Ball bearing
PART0026	6	1	Body
PART0027	7	1	PAP bushing
PART0028	8	1	Spring Ø14,2
PART0029	9	1	Lock nut
PART0030	10	1	Spring Ø22,5
PART0031	11	1	Knurled vernier
PART0032	12	1	Bronze bushing
PART0033	13	1	Sealing ring
PART0036	17	1	Nylon nose N°1
PART0037	17	1	Steel nose N°1
PART0205	17	1	Tripod nylon nose N°1
PART0200	17	1	Quadripod nylon nose N°1
PART0040	18	1	Nylon nose N°2
PART0041	18	1	Steel nose N°2
PART0206	18	1	Tripod nylon nose N°2
PART0059	18	1	Quadripod nylon nose N°2
PART0044	19	1	Nylon nose N°3
PART0045	19	1	Steel nose N°3
PART0058	19	1	Tripod nylon nose N°3
PART0207	19	1	Quadripod nylon nose N°3

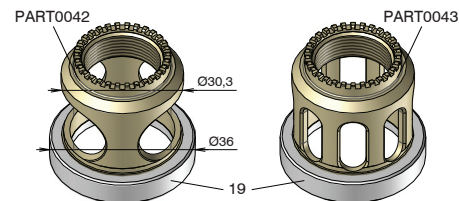
Base 1 :
M20 Tapped base
Internal diameter, Ø15
Large or "Security" strobe
Nylon or steel nose piece



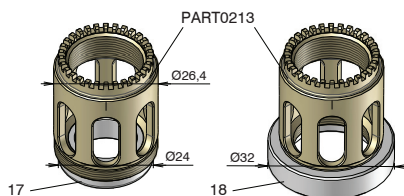
Base 2 :
M26 threaded base
Internal diameter, Ø22
Large or "Security" strobe
Nylon or steel nose piece



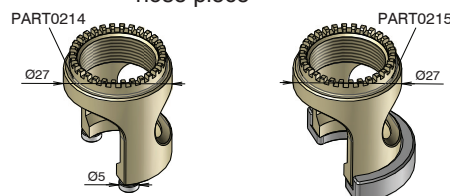
Base 3 : M30 threaded base
Internal diameter, Ø26
Large or "Security" strobe
Nylon or steel nose piece



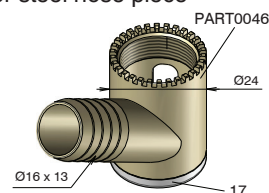
Base 4 : M20 tapped and M26 threaded base
Internal diameter, Ø15 or 20
"Security" strobe
Nylon or steel nose piece



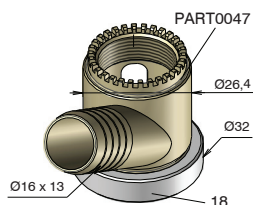
Offset base : Base with offset
Internal diameter, Ø18
Offset 4mm
3 nylons feet, or offset steel
nose piece



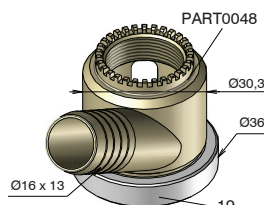
Base 5 :
M20 Tapped base
With vaccum Ø16 x 13
Internal diameter, Ø15
Nylon or steel nose piece



Base 6 : M26 threaded base
With vaccum Ø16 x 13
Internal diameter, Ø22
Nylon or steel nose piece



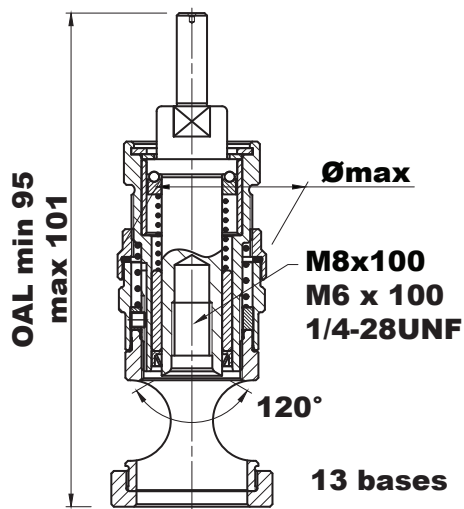
Base 7 : M30 threaded base
With vaccum Ø16 x 13
Internal diameter, Ø26
Nylon or steel nose piece



Possible noses (see table): Flat, tripod or
quadripod
In Nylon or steel



Microstop cages Stroke 7,5



Application:

This device allows to control the depth of countersinking or counterboring on hand drill. To use with our counterbores (2GB 2GC), countersink (2HC 2HD 2HE 2HH 2HF) and our one shot drill countersink 2BB 2BC).

With lip seal to prevent dust.

Pitch adjustment 0.025mm (0.00098").

Shank:

.2362 inch / 6 mm

Tool material:

Nickel-plated steel

Hardened steel for moving parts

Nose in Nylon or steel

Thread	Shank		Stroke	Ø max B	Base		Item		Item		Item	
	inch	mm			N°	Ø max	Nylon nose	Steel nose	Tripod nylon nose	Quadripod nylon nose		
M6 x 100	.2362	6	7.5	29,5	1	24	● 2XB0A008	● 2XB0A108	● 2XB0Y008	● 2XB0Z008		
-	-	-	-	-	1 Security	24	● 2XB0A001	● 2XB0A101	● 2XB0Y001	● 2XB0Z001		
-	-	-	-	-	2	32	● 2XB0A009	● 2XB0A109	● 2XB0Y009	● 2XB0Z009		
-	-	-	-	-	2 Security	32	● 2XB0A002	● 2XB0A102	● 2XB0Y002	● 2XB0Z002		
-	-	-	-	-	3	36	● 2XB0A003	● 2XB0A103	● 2XB0Y003	● 2XB0Z003		
-	-	-	-	-	3 Security	36	● 2XB0A004	● 2XB0A104	● 2XB0Y004	● 2XB0Z004		
-	-	-	-	-	4 inter.	26.4	● 2XB0A00B	● 2XB0A10B	● 2XB0Y00B	● 2XB0Z00B		
-	-	-	-	-	4 exter.	32	● 2XB0A00C	● 2XB0A10C	● 2XB0Y00C	● 2XB0Z00C		
-	-	-	-	-	Offset	27	● 2XB0A000	● 2XB0A100				
-	-	-	-	-	5	24	● 2XB0A005	● 2XB0A105	● 2XB0Y005	● 2XB0Z005		
-	-	-	-	-	6	32	● 2XB0A006	● 2XB0A106	● 2XB0Y006	● 2XB0Z006		
-	-	-	-	-	7	36	● 2XB0A007	● 2XB0A107	● 2XB0Y007	● 2XB0Z007		
M8 x 100	-	-	-	-	1	24	● 2XB0A010	● 2XB0A110	● 2XB0Y010	● 2XB0Z010		
-	-	-	-	-	1 Security	24	● 2XB0A011	● 2XB0A111	● 2XB0Y011	● 2XB0Z011		
-	-	-	-	-	2	32	● 2XB0A019	● 2XB0A119	● 2XB0Y019	● 2XB0Z019		
-	-	-	-	-	2 Security	32	● 2XB0A012	● 2XB0A112	● 2XB0Y012	● 2XB0Z012		
-	-	-	-	-	3	36	● 2XB0A013	● 2XB0A113	● 2XB0Y013	● 2XB0Z013		
-	-	-	-	-	3 Security	36	● 2XB0A014	● 2XB0A114	● 2XB0Y014	● 2XB0Z014		
-	-	-	-	-	4 inter.	26.4	● 2XB0A01B	● 2XB0A11B	● 2XB0Y01B	● 2XB0Z01B		
-	-	-	-	-	4 exter.	32	● 2XB0A01C	● 2XB0A11C	● 2XB0Y01C	● 2XB0Z01C		
-	-	-	-	-	Offset	27	● 2XB0A018	● 2XB0A118				
-	-	-	-	-	5	24	● 2XB0A015	● 2XB0A115	● 2XB0Y015	● 2XB0Z015		
-	-	-	-	-	6	32	● 2XB0A016	● 2XB0A116	● 2XB0Y016	● 2XB0Z016		
-	-	-	-	-	7	36	● 2XB0A017	● 2XB0A117	● 2XB0Y017	● 2XB0Z017		
1/4-28 UNF	-	-	-	-	1	24	● 2XB0A028	● 2XB0A128	● 2XB0Y028	● 2XB0Z028		
-	-	-	-	-	1 Security	24	● 2XB0A021	● 2XB0A121	● 2XB0Y021	● 2XB0Z021		
-	-	-	-	-	2	32	● 2XB0A029	● 2XB0A129	● 2XB0Y029	● 2XB0Z029		
-	-	-	-	-	2 Security	32	● 2XB0A022	● 2XB0A122	● 2XB0Y022	● 2XB0Z022		
-	-	-	-	-	3	36	● 2XB0A023	● 2XB0A123	● 2XB0Y023	● 2XB0Z023		
-	-	-	-	-	3 Security	36	● 2XB0A024	● 2XB0A124	● 2XB0Y024	● 2XB0Z024		
-	-	-	-	-	4 inter.	26.4	● 2XB0A02B	● 2XB0A12B	● 2XB0Y02B	● 2XB0Z02B		
-	-	-	-	-	4 exter.	32	● 2XB0A02C	● 2XB0A12C	● 2XB0Y02C	● 2XB0Z02C		
-	-	-	-	-	Offset	27	● 2XB0A020	● 2XB0A120				
-	-	-	-	-	5	24	● 2XB0A025	● 2XB0A125	● 2XB0Y025	● 2XB0Z025		
-	-	-	-	-	6	32	● 2XB0A026	● 2XB0A126	● 2XB0Y026	● 2XB0Z026		
-	-	-	-	-	7	36	● 2XB0A027	● 2XB0A127	● 2XB0Y027	● 2XB0Z027		

● stored products ○ not stored products

Color code:

Possibility of microstop cages with colored nut.

Reference system:

2XM # A###

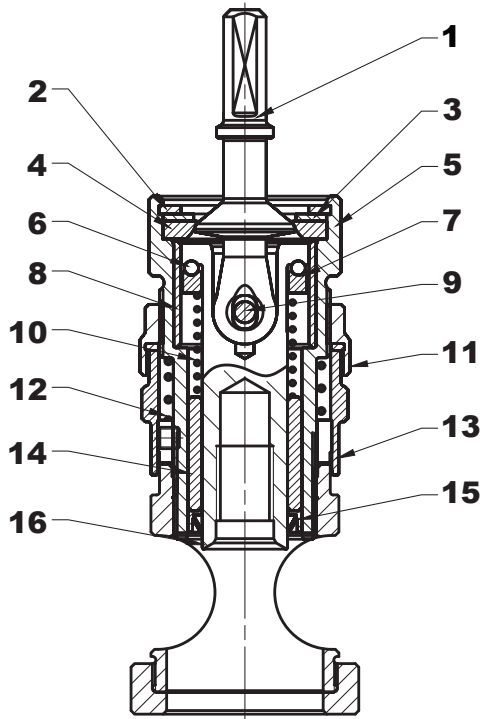
- 0 for standard nut,
- B for blue nut,
- N for black nut,
- R for red nut,
- V for green nut.



Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

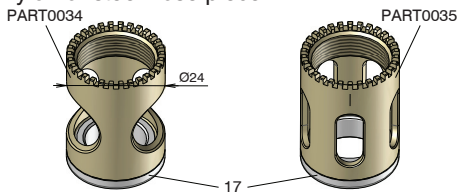
Please, contact us for any request at request@nexam.aero.

Spare parts for ball type microstop cages Stroke 8mm

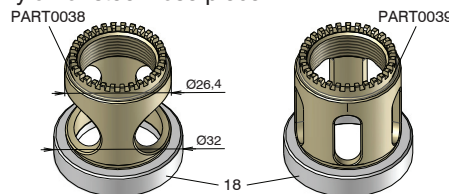


Spare part item	Index	qty	Description
PART0050	1	1	Ball joint
PART0023	2	1	Internal circlips
PART0051	3	1	Flat washer
PART0052	4	1	Cap
PART0053	5	1	Body
PART0005	6	22	Balls Ø 2
PART0025	7	1	Ball bearing
PART0027	8	1	PAP bushing
PART0054	9	1	Pin
PART0028	10	1	Spring Ø24,2
PART0029	11	1	Lock nut
PART0030	12	1	Spring Ø22,5
PART0031	13	1	Knurled vernier
PART0032	14	1	Bronze bushing
PART0033	15	1	Sealing ring
PART0055	16	1	Spindle M6
PART0056	16	1	Spindle M8
PART0057	16	1	Spindle 1/4 - 28F
PART0036	17	1	Nylon nose N°1
PART0037	17	1	Steel nose N°1
PART0205	17	1	Tripod nylon nose N°1
PART0200	17	1	Quadripod nylon nose N°1
PART0040	18	1	Nylon nose N°2
PART0041	18	1	Steel nose N°2
PART0206	18	1	Tripod nylon nose N°2
PART0059	18	1	Quadripod nylon nose N°2
PART0044	19	1	Nylon nose N°3
PART0045	19	1	Steel nose N°3
PART0058	19	1	Tripod nylon nose N°3
PART0207	19	1	Quadripod nylon nose N°3

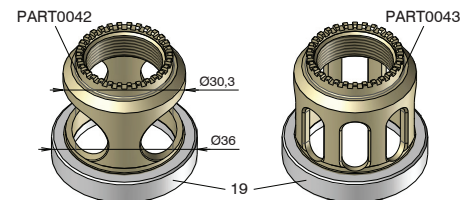
Base 1 :
M20 Tapped base
Internal diameter, Ø15
Large or "Security" strobe
Nylon or steel nose piece



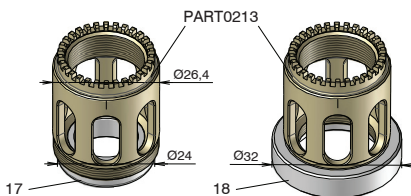
Base 2 :
M26 threaded base
Internal diameter, Ø22
Large or "Security" strobe
Nylon or steel nose piece



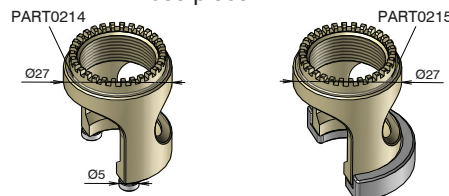
Base 3 : M30 threaded base
Internal diameter, Ø26
Large or "Security" strobe
Nylon or steel nose piece



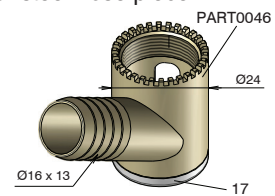
Base 4 : M20 tapped and M26 threaded base
Internal diameter, Ø15 or 20
"Security" strobe
Nylon or steel nose piece



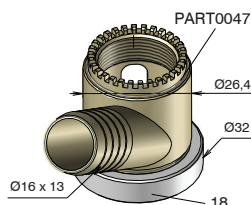
Offset base : Base with offset
Internal diameter, Ø18
Offset 4mm
3 nylons feet, or offset steel nose piece



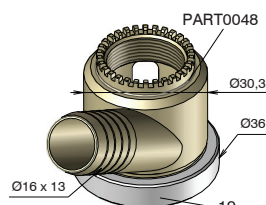
Base 5 :
M20 Tapped base
With vaccum Ø16 x 13
Internal diameter, Ø15
Nylon or steel nose piece



Base 6 : M26 threaded base
With vaccum Ø16 x 13
Internal diameter, Ø22
Nylon or steel nose piece



Base 7 : M30 threaded base
With vaccum Ø16 x 13
Internal diameter, Ø26
Nylon or steel nose piece

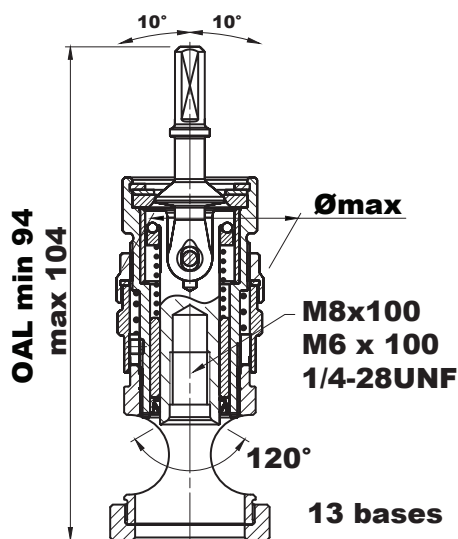


Possible noses (see table): Flat, tripod or quadripod
In Nylon or steel



Ball type microstop cages

Stroke 8mm



Application:

This device allows to control the depth of countersinking or counterboring on hand drill. To use with our counterbores (2GB 2GC), countersink (2HC 2HD 2HE 2HH 2HF) and our one shot drill countersink 2BB 2BC). The ball type allows an easier access in tight access areas. Moreover it corrects the concentricity default of the hand drill. With lip seal to prevent dust. Pitch adjustment 0.025mm (0.00098").

Shank:

.2362 inch / 6 mm

Tool material:

Nickel-plated steel
 Hardened steel for moving parts
 Nose in Nylon or steel

Thread	Shank		Stroke	Ø max B	Base		Item		Item		Item	
	inch	mm			N°	Ø max	Nylon nose	Steel nose	Tripod nylon nose	Quadripod nylon nose		
M6 x 100	.2362	6	8	29,5	1	24	● 2XC0A008	● 2XC0A108	● 2XC0Y008	● 2XC0Z008		
-	-	-	-	-	1 Security	24	● 2XC0A001	● 2XC0A101	● 2XC0Y001	● 2XC0Z001		
-	-	-	-	-	2	32	● 2XC0A009	● 2XC0A109	● 2XC0Y009	● 2XC0Z009		
-	-	-	-	-	2 Security	32	● 2XC0A002	● 2XC0A102	● 2XC0Y002	● 2XC0Z002		
-	-	-	-	-	3	36	● 2XC0A003	● 2XC0A103	● 2XC0Y003	● 2XC0Z003		
-	-	-	-	-	3 Security	36	● 2XC0A004	● 2XC0A104	● 2XC0Y004	● 2XC0Z004		
-	-	-	-	-	4 inter.	26.4	● 2XC0A00B	● 2XC0A10B	● 2XC0Y00B	● 2XC0Z00B		
-	-	-	-	-	4 exter.	32	● 2XC0A00C	● 2XC0A10C	● 2XC0Y00C	● 2XC0Z00C		
-	-	-	-	-	Offset	27	● 2XC0A000	● 2XC0A100				
-	-	-	-	-	5	24	● 2XC0A005	● 2XC0A105	● 2XC0Y005	● 2XC0Z005		
-	-	-	-	-	6	32	● 2XC0A006	● 2XC0A106	● 2XC0Y006	● 2XC0Z006		
-	-	-	-	-	7	36	● 2XC0A007	● 2XC0A107	● 2XC0Y007	● 2XC0Z007		
M8 x 100	-	-	-	-	1	24	● 2XC0A010	● 2XC0A110	● 2XC0Y010	● 2XC0Z010		
-	-	-	-	-	1 Security	24	● 2XC0A011	● 2XC0A111	● 2XC0Y011	● 2XC0Z011		
-	-	-	-	-	2	32	● 2XC0A019	● 2XC0A119	● 2XC0Y019	● 2XC0Z019		
-	-	-	-	-	2 Security	32	● 2XC0A012	● 2XC0A112	● 2XC0Y012	● 2XC0Z012		
-	-	-	-	-	3	36	● 2XC0A013	● 2XC0A113	● 2XC0Y013	● 2XC0Z013		
-	-	-	-	-	3 Security	36	● 2XC0A014	● 2XC0A114	● 2XC0Y014	● 2XC0Z014		
-	-	-	-	-	4 inter.	26.4	● 2XC0A01B	● 2XC0A11B	● 2XC0Y01B	● 2XC0Z01B		
-	-	-	-	-	4 exter.	32	● 2XC0A01C	● 2XC0A11C	● 2XC0Y01C	● 2XC0Z01C		
-	-	-	-	-	Offset	27	● 2XC0A018	● 2XC0A118				
-	-	-	-	-	5	24	● 2XC0A015	● 2XC0A115	● 2XC0Y015	● 2XC0Z015		
-	-	-	-	-	6	32	● 2XC0A016	● 2XC0A116	● 2XC0Y016	● 2XC0Z016		
-	-	-	-	-	7	36	● 2XC0A017	● 2XC0A117	● 2XC0Y017	● 2XC0Z017		
1/4-28 UNF	-	-	-	-	1	24	● 2XC0A028	● 2XC0A128	● 2XC0Y028	● 2XC0Z028		
-	-	-	-	-	1 Security	24	● 2XC0A021	● 2XC0A121	● 2XC0Y021	● 2XC0Z021		
-	-	-	-	-	2	32	● 2XC0A029	● 2XC0A129	● 2XC0Y029	● 2XC0Z029		
-	-	-	-	-	2 Security	32	● 2XC0A022	● 2XC0A122	● 2XC0Y022	● 2XC0Z022		
-	-	-	-	-	3	36	● 2XC0A023	● 2XC0A123	● 2XC0Y023	● 2XC0Z023		
-	-	-	-	-	3 Security	36	● 2XC0A024	● 2XC0A124	● 2XC0Y024	● 2XC0Z024		
-	-	-	-	-	4 inter.	26.4	● 2XC0A02B	● 2XC0A12B	● 2XC0Y02B	● 2XC0Z02B		
-	-	-	-	-	4 exter.	32	● 2XC0A02C	● 2XC0A12C	● 2XC0Y02C	● 2XC0Z02C		
-	-	-	-	-	Offset	27	● 2XC0A020	● 2XC0A120				
-	-	-	-	-	5	24	● 2XC0A025	● 2XC0A125	● 2XC0Y025	● 2XC0Z025		
-	-	-	-	-	6	32	● 2XC0A026	● 2XC0A126	● 2XC0Y026	● 2XC0Z026		
-	-	-	-	-	7	36	● 2XC0A027	● 2XC0A127	● 2XC0Y027	● 2XC0Z027		

● stored products ○ not stored products

Color code:

Possibility of microstop cages with colored nut.

Reference system:

2XM # A###

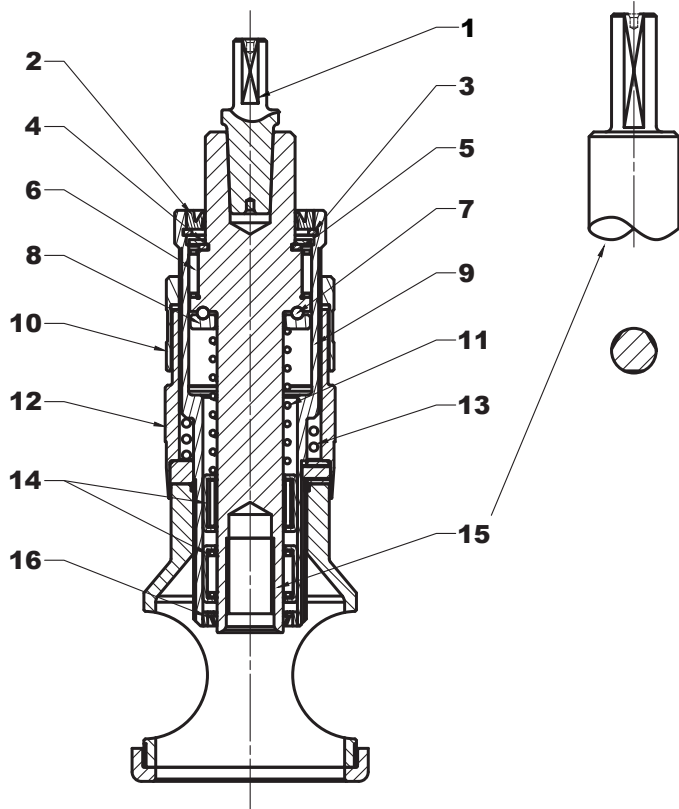
- 0 for standard nut,
- B for blue nut,
- N for black nut,
- R for red nut,
- V for green nut.



Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

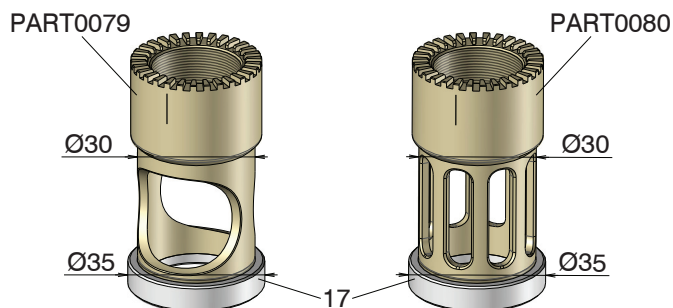
Please, contact us for any request at request@nexam.aero.

Spare parts for microstop cages Stroke 14mm

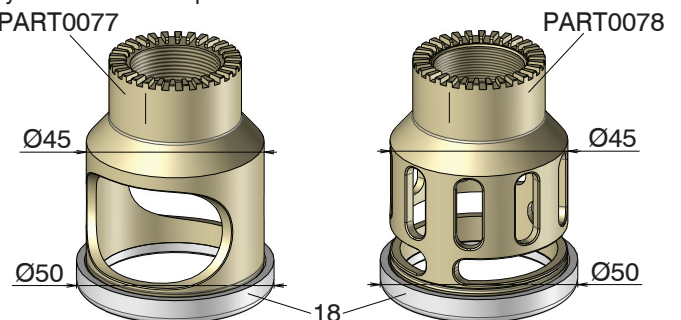


Spare part item	Index	qty	Description
PART0060	1	1	Jacobs taper adaptor
PART0061	2	1	Sealing ring Ø19
PART0062	3	1	Internal circlips
PART0063	4	1	Flat washer
PART0064	5	1	External circlips
PART0065	6	1	Needle cage
PART0066	7	25	Balls Ø2,5
PART0067	8	1	Ball bearing
PART0068	9	1	Body
PART0069	10	1	Lock nut
PART0070	11	1	Spring Ø18
PART0071	12	1	Knurled vernier
PART0072	13	1	Spring Ø29
PART0073	14	2	Needle bushing
PART0074	15	1	Spindle M10 - Jacobs taper
PART0075	15	1	Spindle M10 - 3 flats at 120°
PART0076	16	1	Sealing ring Ø14
PART0083	17	1	Nylon nose N°1
PART0084	17	1	Steel nose N°1
PART0085	17	1	Tripod nylon nose N°1
PART0087	17	1	Quadripod nylon nose N°1
PART0081	18	1	Nylon nose N°2
PART0082	18	1	Steel nose N°2
PART0208	18	1	Tripod nylon nose N°2
PART0209	18	1	Quadripod nylon nose N°2

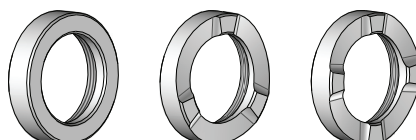
Base 1 :
M30 threaded base
Internal diameter, Ø25
Large or "Security" strobe
Nylon or steel nose piece



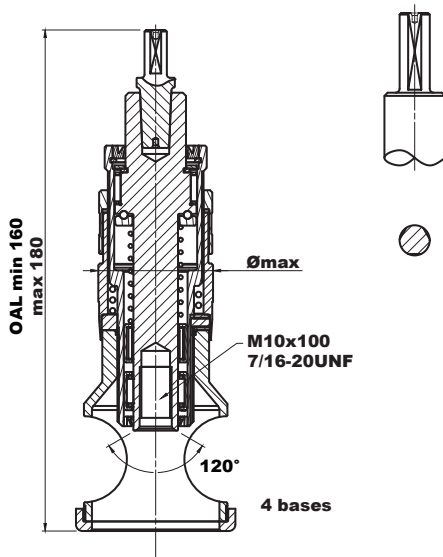
Base 2 :
M45 threaded base
Internal diameter, Ø40
Large or "Security" strobe
Nylon or steel nose piece



Possible noses (see table): Flat, tripod or quadripod
In Nylon or steel



Microstop cages Stroke 14mm



Application:

This device allows to control the depth of countersinking or counterboring on hand drill. To use with our counterbores (2GB 2GC), countersink (2HC 2HD 2HE 2HH 2HF) and our one shot drill countersink 2BB 2BC).

With lip seal to prevent dust.

Pitch adjustment 0.025mm (0.00098").

Shank:

.3937 inch / 10 mm

Tool material:

Nickel-plated steel

Hardened steel for moving parts

Nose in Nylon or steel

Thread	Type	Shank		Stroke	Ø max B	Base		Item		Item		Item		Item	
		inch	mm			N°	Ø max	Nylon nose	Steel nose	Tripod nylon nose	Quadripod nylon nose				
M10 x 100	3 flats at 120°	.3937	10	14	36	1	35	○ 2XD0A001	○ 2XD0A501	○ 2XD0Y001	○ 2XD0Z001				
-	-	-	-	-	-	1 Security	35	○ 2XD0A003	○ 2XD0A503	○ 2XD0Y003	○ 2XD0Z003				
-	-	-	-	-	-	2	50	● 2XD0A002	● 2XD0A502	● 2XD0Y002	● 2XD0Z002				
-	-	-	-	-	-	2 Security	50	● 2XD0A004	● 2XD0A504	● 2XD0Y004	● 2XD0Z004				
-	Jacobs	-	-	-	-	1	35	○ 2XD0A101	○ 2XD0A601	○ 2XD0Y101	○ 2XD0Z101				
-	-	-	-	-	-	1 Security	35	○ 2XD0A103	○ 2XD0A603	○ 2XD0Y103	○ 2XD0Z103				
-	-	-	-	-	-	2	50	○ 2XD0A102	○ 2XD0A602	○ 2XD0Y102	○ 2XD0Z102				
-	-	-	-	-	-	2 Security	50	○ 2XD0A104	○ 2XD0A604	○ 2XD0Y104	○ 2XD0Z104				
3/8-24 UNF	3 flats at 120°	-	-	-	-	1	35	○ 2XD0A011	○ 2XD0A511	○ 2XD0Y011	○ 2XD0Z011				
-	-	-	-	-	-	1 Security	35	○ 2XD0A013	○ 2XD0A513	○ 2XD0Y013	○ 2XD0Z013				
-	-	-	-	-	-	2	50	● 2XD0A012	● 2XD0A512	● 2XD0Y012	● 2XD0Z012				
-	-	-	-	-	-	2 Security	50	● 2XD0A014	● 2XD0A514	● 2XD0Y014	● 2XD0Z014				
-	Jacobs	-	-	-	-	1	35	○ 2XD0A111	○ 2XD0A611	○ 2XD0Y111	○ 2XD0Z111				
-	-	-	-	-	-	1 Security	35	○ 2XD0A113	○ 2XD0A613	○ 2XD0Y113	○ 2XD0Z113				
-	-	-	-	-	-	2	50	○ 2XD0A112	○ 2XD0A612	○ 2XD0Y112	○ 2XD0Z112				
-	-	-	-	-	-	2 Security	50	○ 2XD0A114	○ 2XD0A614	○ 2XD0Y114	○ 2XD0Z114				

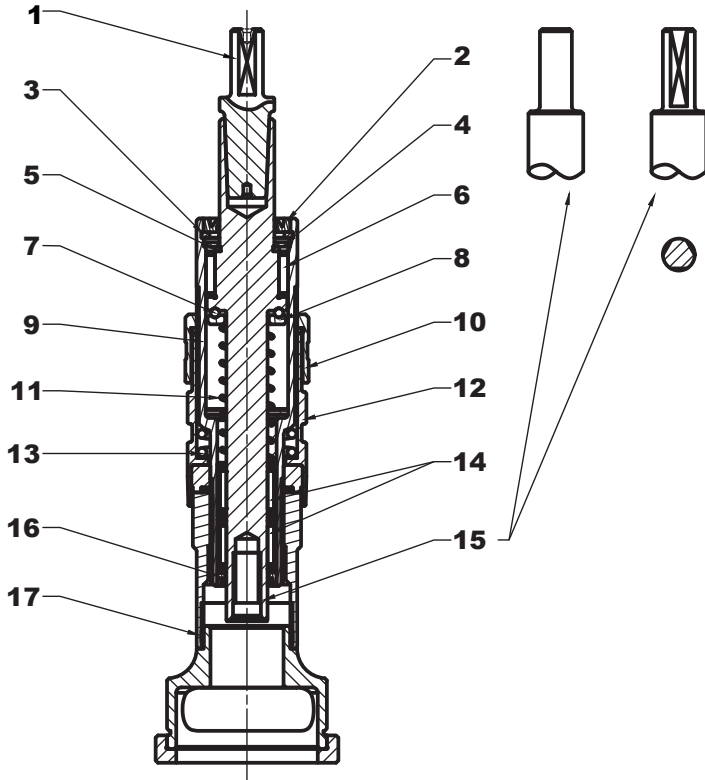
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

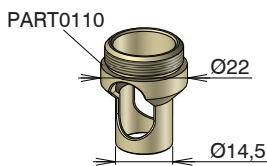
Spare parts for microstop cages

Stroke 21mm

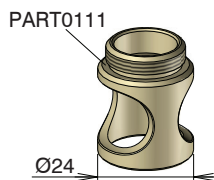


Spare part item	Index	qty	Description
PART0060	1	1	Jacobs taper adaptor
PART0090	2	1	Sealling ring Ø19
PART0091	3	1	Internal Circlips
PART0092	4	1	Flat washer
PART0093	5	1	External circlips
PART0094	6	1	Needle cage
PART0005	7	22	Balls Ø2
PART0095	8	1	Ball bearing
PART0096	9	1	Body
PART0097	10	1	Lock nut
PART0098	11	1	Spring Ø18
PART0099	12	1	Knurled vernier
PART0100	13	1	Spring Ø29
PART0101	14	2	Needle bushing
PART0102	15	1	Spindle M6 - Jacobs taper
PART0103	15	1	Spindle M6 - Cylindrical shank
PART0104	15	1	Spindle M6 - 3 flats at 120°
PART0105	15	1	Spindle 1/4-28UNF - Jacobs taper
PART0106	15	1	Spindle 1/4-28UNF - Cylindrical shank
PART0107	15	1	Spindle 1/4-28UNF - 3 flats at 120°
PART0108	15	1	Sealling ring Ø13
PART0109	15	1	Bush adaptor
PART0116	18	1	Nylon nose
PART0117	18	1	Steel nose
PART0118	18	1	Tripod nylon nose
PART0210	18	1	Quadripod nylon nose
PART0202	19	3	Nylon feet for tripod base

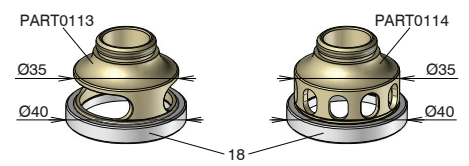
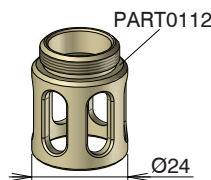
Base 1 :
Base Ø14.5
Internal diameter, Ø12.5



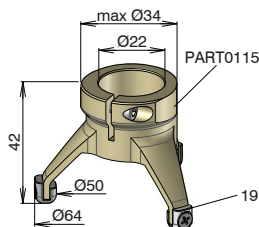
Base 2 :
Base Ø24
Internal diameter, Ø19
Large or "Security" strobe



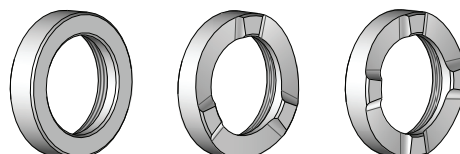
Base 3 : M35 threaded base
Internal diameter, Ø31
Large or "Security" strobe
Nylon or steel nose piece



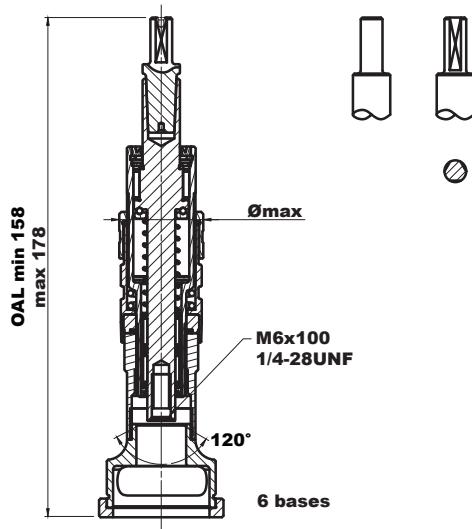
Tripod base: 3 nylons feet on Ø64mm
Internal diameter, Ø50mm



Possible noses (see table): Flat, tripod or quadripod
In Nylon or steel



Microstop cages Stroke 21mm



Application:

This device allows to control the depth of countersinking or counterboring on hand drill. To use with our counterbores (2GB 2GC), countersink (2HC 2HD 2HE 2HH 2HF) and our one shot drill countersink 2BB 2BC).

With lip seal to prevent dust.

Pitch adjustment 0.025mm (0.00098").

Shank:

.2756 inch / 7 mm

Tool material:

Nickel-plated steel

Hardened steel for moving parts

Nose in Nylon or steel

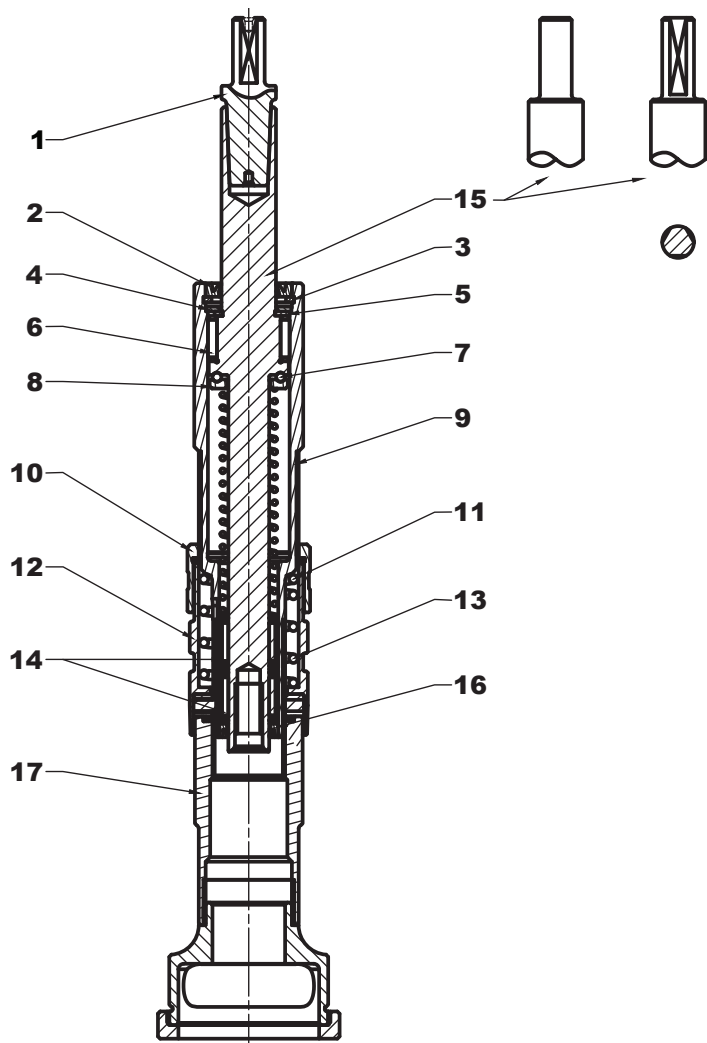
Thread	Type	Shank		Stroke	Ø max B	Base		Item		Item		Item		Item		
		inch	mm			N°	Ø max	Nylon nose	Steel nose	Tripod nylon nose	Quadripod nylon nose					
M6 x 100	3 flats at 120°	.2756	7	21	27	1	14.5		● 2XE0A501							
						2	24		● 2XE0A502							
						2 Security	24		● 2XE0A504							
	-	-	-	-	-	-	3	40	● 2XE0A003	○ 2XE0A503	● 2XE0Y003	● 2XE0Z003				
							3 Security	40	● 2XE0A005	○ 2XE0A505	● 2XE0Y005	● 2XE0Z005				
							Tripod	64	○ 2XE0A006	○ 2XE0A506						
	-	Jacobs	-	-	-	-	1	14.5		● 2XE0A601						
							2	24		● 2XE0A602						
							2 Security	24		● 2XE0A604						
	-	-	-	-	-	-	3	40	● 2XE0A103	○ 2XE0A603	● 2XE0Y103	● 2XE0Z103				
							3 Security	40	● 2XE0A105	○ 2XE0A605	● 2XE0Y105	● 2XE0Z105				
							Tripod	64	○ 2XE0A106	○ 2XE0A606						
-	Cylindric	-	-	-	-	1	14.5		● 2XE0A701							
						2	24		● 2XE0A702							
						2 Security	24		● 2XE0A704							
-	-	-	-	-	-	3	40	● 2XE0A203	○ 2XE0A703	● 2XE0Y203	● 2XE0Z203					
						3 Security	40	● 2XE0A205	○ 2XE0A705	● 2XE0Y205	● 2XE0Z205					
						Tripod	64	○ 2XE0A206	○ 2XE0A706							
1/4-28 UNF	3 flats at 120°	-	-	-	-	1	14.5		● 2XE0A511							
						2	24		● 2XE0A512							
						2 Security	24		● 2XE0A514							
	-	-	-	-	-	-	3	40	● 2XE0A013	○ 2XE0A513	● 2XE0Y013	● 2XE0Z013				
							3 Security	40	● 2XE0A015	○ 2XE0A515	● 2XE0Y015	● 2XE0Z015				
							Tripod	64	○ 2XE0A016	○ 2XE0A516						
	-	Jacobs	-	-	-	-	1	14.5		● 2XE0A611						
							2	24		● 2XE0A612						
							2 Security	24		● 2XE0A614						
	-	-	-	-	-	-	3	40	● 2XE0A113	○ 2XE0A613	● 2XE0Y113	● 2XE0Z113				
							3 Security	40	● 2XE0A115	○ 2XE0A615	● 2XE0Y115	● 2XE0Z115				
							Tripod	64	○ 2XE0A116	○ 2XE0A616						
-	Cylindric	-	-	-	-	1	14.5		● 2XE0A711							
						2	24		● 2XE0A712							
						2 Security	24		● 2XE0A714							
-	-	-	-	-	-	3	40	● 2XE0A213	○ 2XE0A713	● 2XE0Y213	● 2XE0Z213					
						3 Security	40	● 2XE0A215	○ 2XE0A715	● 2XE0Y215	● 2XE0Z215					
						Tripod	64	○ 2XE0A216	○ 2XE0A716							

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

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Spare parts for microstop cages Stroke 38mm

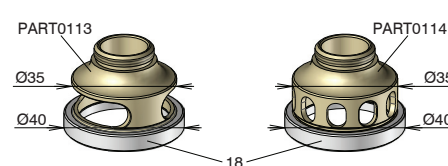
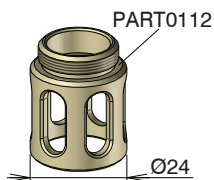
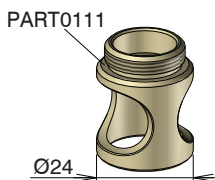
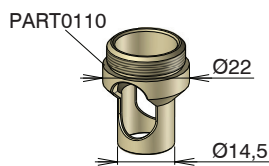


Spare part item	Index	qty	Description
PART0060	1	1	Jacobs taper adaptor
PART0090	2	1	Sealing ring Ø19
PART0091	3	1	Internal Circlips
PART0092	4	1	Flat washer
PART0093	5	1	External circlips
PART0094	6	1	Needle cage
PART0005	7	22	Balls Ø2
PART0095	8	1	Ball bearing
PART0120	9	1	Body
PART0097	10	1	Lock nut
PART0121	11	1	Spring Ø18
PART0099	12	1	Knurled vernier
PART0100	13	1	Spring Ø29
PART0101	14	2	Needle bushing
PART0122	15	1	Spindle M6 - Jacobs taper
PART0123	15	1	Spindle M6 - cylindrical shank
PART0124	15	1	Spindle M6 - 3 flats at 120°
PART0125	15	1	Spindle M6 - with coolant hole
PART0126	15	1	Spindle 1/4-28UNF - Jacobs taper
PART0127	15	1	Spindle 1/4-28UNF - cylindrical shank
PART0128	15	1	Spindle 1/4-28UNF - 3 flats at 120°
PART0129	15	1	Spindle 1/4-28UNF - with coolant hole
PART0108	16	1	Sealing ring Ø13
PART0130	17	1	Bush adaptor
PART0116	18	1	Nylon nose
PART0117	18	1	Steel nose
PART0118	18	1	Tripod nylon nose
PART0210	18	1	Quadripod nylon nose
PART0202	19	3	Nylon feet for tripod base

Base 1 :
Base Ø14.5
Internal diameter, Ø12.5

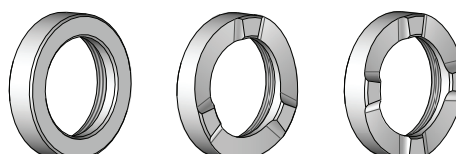
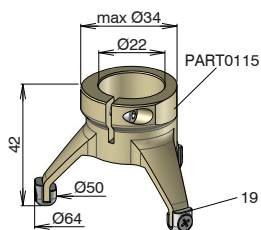
Base 2 :
Base Ø24
Internal diameter, Ø19
Large or "Security" strobe

Base 3 : M35 threaded base
Internal diameter, Ø31
Large or "Security" strobe
Nylon or steel nose piece

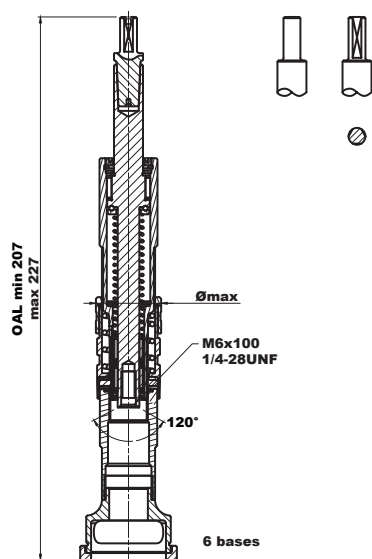


Tripod base: 3 nylons feet on Ø64mm
Internal diameter, Ø50mm

Possible noses (see table): Flat, tripod or quadripod
In Nylon or steel



Microstop cages Stroke 38mm



Application:

This device allows to control the depth of countersinking or counterboring on hand drill. To use with our counterbores (2GB 2GC), countersink (2HC 2HD 2HE 2HH 2HF) and our one shot drill countersink 2BB 2BC).

With lip seal to prevent dust.

Pitch adjustment 0.025mm (0.00098").

Shank:

.2756 inch / 7 mm

Tool material:

Nickel-plated steel

Hardened steel for moving parts

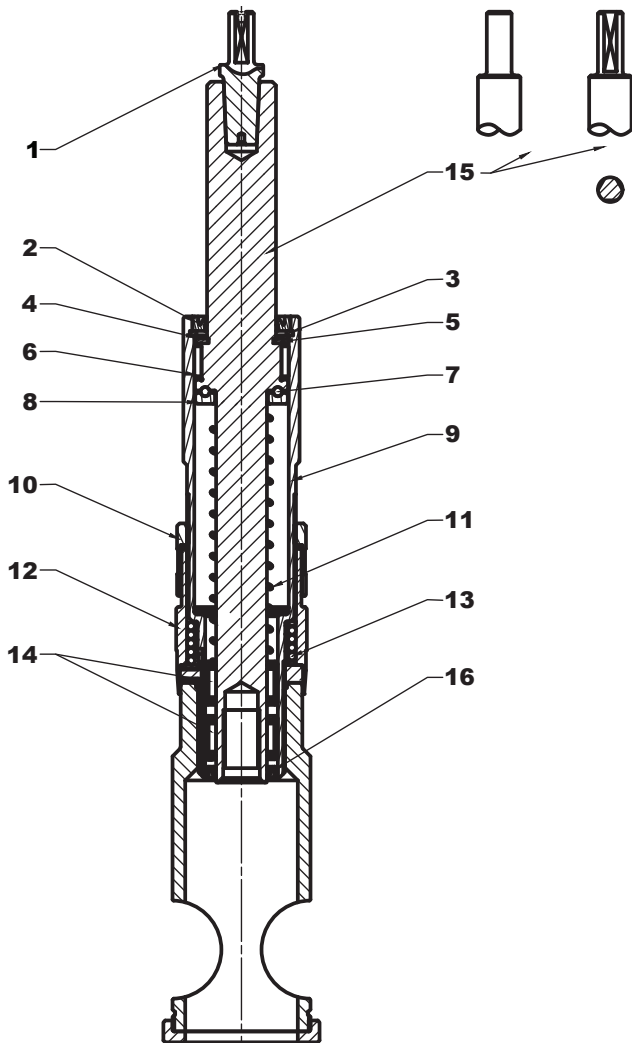
Nose in Nylon or steel

Thread	Type	Shank		Stroke	Ø max B	Base		Item		Item		Item								
		inch	mm			N°	Ø max	Nylon nose	Steel nose	Tripod nylon nose	Quadripod nylon nose									
M6 x 100	3 flats at 120°	.2756	7	38	27	1	14.5		● 2XF0A501											
						2	24		● 2XF0A502											
						2 Security	24		● 2XF0A504											
						3	40	● 2XF0A003	○ 2XF0A503	● 2XF0Y003	● 2XF0Z003									
						3 Security	40	● 2XF0A005	○ 2XF0A505	● 2XF0Y005	● 2XF0Z005									
						Tripod	64	○ 2XF0A006	○ 2XF0A506											
						1	14.5		● 2XF0A601											
						2	24		● 2XF0A602											
						2 Security	24		● 2XF0A604											
						3	40	● 2XF0A103	○ 2XF0A603	● 2XF0Y103	● 2XF0Z103									
						3 Security	40	● 2XF0A105	○ 2XF0A605	● 2XF0Y105	● 2XF0Z105									
						Tripod	64	○ 2XF0A106	○ 2XF0A606											
	Cylindric						1	14.5		● 2XF0A701										
							2	24		● 2XF0A702										
							2 Security	24		● 2XF0A704										
							3	40	● 2XF0A203	○ 2XF0A703	● 2XF0Y203	● 2XF0Z203								
							3 Security	40	● 2XF0A205	○ 2XF0A705	● 2XF0Y205	● 2XF0Z205								
							Tripod	64	○ 2XF0A206	○ 2XF0A706										
							1/4-28 UNF	3 flats at 120°					1	14.5		● 2XF0A511				
													2	24		● 2XF0A512				
													2 Security	24		● 2XF0A514				
													3	40	● 2XF0A013	○ 2XF0A513	● 2XF0Y013	● 2XF0Z013		
													3 Security	40	● 2XF0A015	○ 2XF0A515	● 2XF0Y015	● 2XF0Z015		
													Tripod	64	○ 2XF0A016	○ 2XF0A516				
1	14.5		● 2XF0A611																	
2	24		● 2XF0A612																	
2 Security	24		● 2XF0A614																	
3	40	● 2XF0A113	○ 2XF0A613	● 2XF0Y113	● 2XF0Z113															
3 Security	40	● 2XF0A115	○ 2XF0A615	● 2XF0Y115	● 2XF0Z115															
Tripod	64	○ 2XF0A116	○ 2XF0A616																	
Cylindric						1	14.5		● 2XF0A711											
						2	24		● 2XF0A712											
						2 Security	24		● 2XF0A714											
						3	40	● 2XF0A213	○ 2XF0A713	● 2XF0Y213	● 2XF0Z213									
						3 Security	40	● 2XF0A215	○ 2XF0A715	● 2XF0Y215	● 2XF0Z215									
						Tripod	64	○ 2XF0A216	○ 2XF0A716											
						WITH INTERNAL HOLE FOR LUBRICATION														
						M6 x 100	Jacobs	.2756	7	38	27	1	14.5		● 2XF0A801					
												2	24		● 2XF0A802					
												2 Security	24		● 2XF0A804					
												3	40	● 2XF0A303	○ 2XF0A803	● 2XF0Y303	● 2XF0Z303			
												3 Security	40	● 2XF0A305	○ 2XF0A805	● 2XF0Y305	● 2XF0Z305			
Tripod	64	○ 2XF0A306	○ 2XF0A806																	
1/4-28 UNF	Jacobs											1	14.5		● 2XF0A811					
												2	24		● 2XF0A812					
												2 Security	24		● 2XF0A814					
												3	40	● 2XF0A313	○ 2XF0A813	● 2XF0Y313	● 2XF0Z313			
												3 Security	40	● 2XF0A815	○ 2XF0A815	● 2XF0Y315	● 2XF0Z315			
												Tripod	64	○ 2XF0A816	○ 2XF0A816					

● stored products ○ not stored products

Spare parts for microstop cages

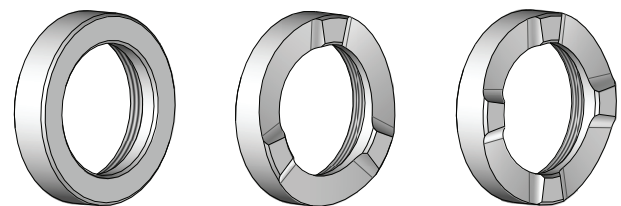
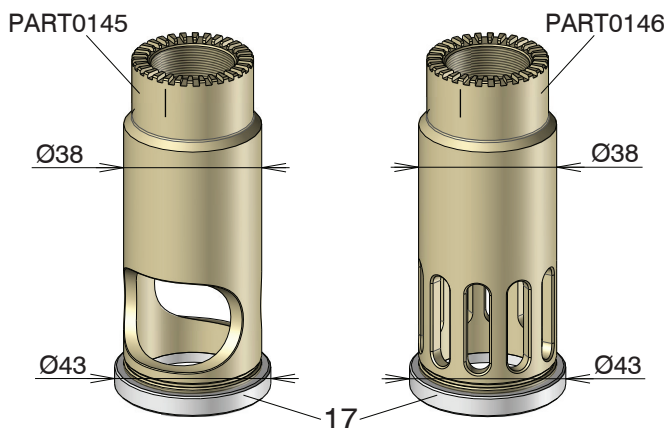
Stroke 58mm



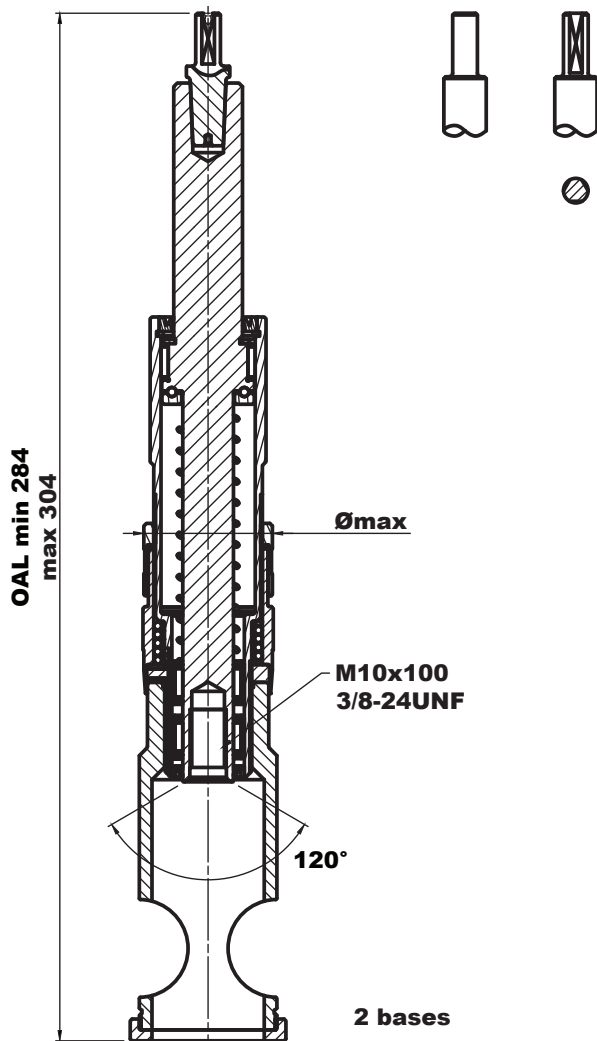
Spare part item	Index	qty	Description
PART0060	1	1	Jacobs taper adaptor
PART0061	2	1	Sealing ring Ø19
PART0062	3	1	Internal circlips
PART0063	4	1	Flat washer
PART0064	5	1	External circlips
PART0065	6	1	Needle cage
PART0066	7	25	Balls Ø2.5
PART0067	8	1	Ball bearing
PART0140	9	1	Body
PART0069	10	1	Lock nut
PART0141	11	1	Spring Ø18
PART0071	12	1	Knurled vernier
PART0072	13	1	Spring Ø29
PART0073	14	2	Needle bushing
PART0142	15	1	Spindle M10 - Jacobs taper
PART0143	15	1	Spindle M10 - 3 flats at 120°
PART0144	15	1	Spindle 7/16-20UNF - Jacobs taper
PART0076	16	1	Sealling ring Ø14
PART0147	17	1	Nylon nose
PART0148	17	1	Steel nose
PART0211	17	1	Tripod nylon nose
PART0212	17	1	Quadripod nylon nose

Base 1 :
 M38 threaded base
 Internal diameter, Ø31
 Large or "Security" strobe
 Nylon or steel nose piece

Possible noses (see table): Flat, tripod or quadripod
 In Nylon or steel



Microstop cages Stroke 58mm



Application:

This device allows to control the depth of countersinking or counterboring on hand drill. To use with our counterbores (2GB 2GC), countersink (2HC 2HD 2HE 2HH 2HF) and our one shot drill countersink 2BB 2BC).

With lip seal to prevent dust.

Pitch adjustment 0.025mm (0.00098").

Shank:

.3937 inch / 10 mm

Tool material:

Nickel-plated steel

Hardened steel for moving parts

Nose in Nylon or steel

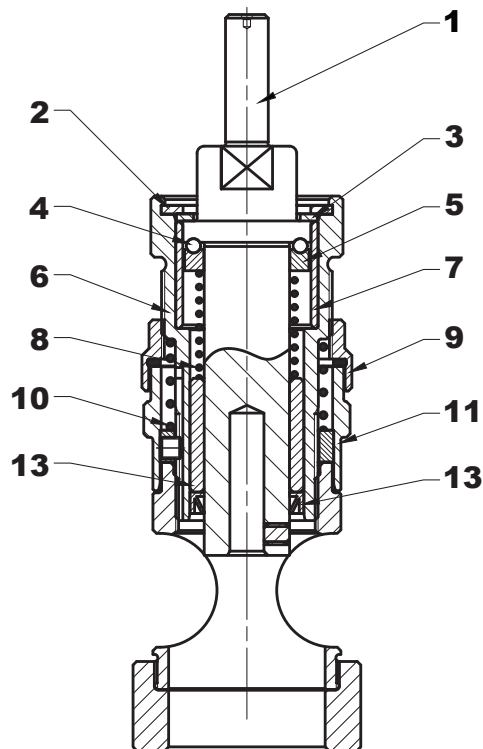
Thread	Type	Shank		Stroke	Ø max B	Base		Item		Item		Item	
		inch	mm			N°	Ø max	Nylon nose	Steel nose	Tripod nylon nose	Quadripod nylon nose		
M10 x 100	3 flats at 120°	.3937	10	58	36	1	43	● 2XG0A001	○ 2XG0A501	● 2XG0Y001	● 2XG0Z001		
-	-	-	-	-	-	1 Security	43	● 2XG0A002	○ 2XG0A502	● 2XG0Y002	● 2XG0Z002		
-	Jacobs	-	-	-	-	1	43	○ 2XG0A101	○ 2XG0A601	○ 2XG0Y101	○ 2XG0Z101		
-	-	-	-	-	-	1 Security	43	○ 2XG0A102	○ 2XG0A602	○ 2XG0Y102	○ 2XG0Z102		
7/16-20 UNF	-	-	-	-	-	1	43	○ 2XG0A111	○ 2XG0A611	○ 2XG0Y111	○ 2XG0Z111		
-	-	-	-	-	-	1 Security	43	○ 2XG0A112	○ 2XG0A612	○ 2XG0Y112	○ 2XG0Z112		

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

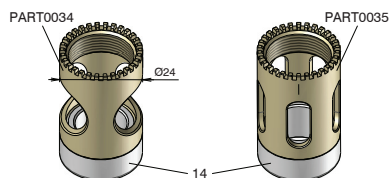
Please, contact us for any request at request@nexam.aero.

Spare parts for microstop cages Stroke 7.5mm

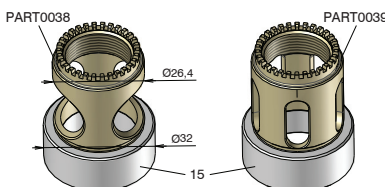


Spare part item	Index	qty	Description
PART0020	1	1	Spindle M6x100
PART0021	1	1	Spindle M8x100
PART0022	1	1	Spindle 1/4 - 28 UNF
PART0023	2	1	Internal circlips
PART0024	3	1	Flat washer
PART0005	4	22	Balls Ø2
PART0025	5	1	Ball bearing
PART0026	6	1	Body
PART0027	7	1	PAP bushing
PART0028	8	1	Spring Ø14,2
PART0029	9	1	Lock nut
PART0030	10	1	Spring Ø22,5
PART0031	11	1	Knurled vernier
PART0032	12	1	Bronze bushing
PART0033	13	1	Sealing ring
PART0223	14	1	Nylon nose N°1
PART0232	14	1	Steel nose N°1
PART0224	14	1	Tripod nylon nose N°1
PART0225	14	1	Quadripod nylon nose N°1
PART0220	15	1	Nylon nose N°2
PART0233	15	1	Steel nose N°2
PART0221	15	1	Tripod nylon nose N°2
PART0222	15	1	Quadripod nylon nose N°2
PART0218	16	1	Nylon nose N°3
PART0234	16	1	Steel nose N°3
PART0219	16	1	Tripod nylon nose N°3
PART0217	16	1	Quadripod nylon nose N°3

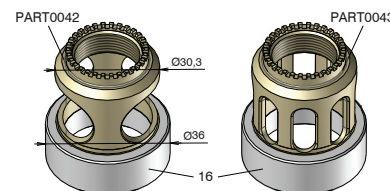
Base 1 :
M20 Tapped base
Internal diameter, Ø15
Large or "Security" strobe
Nylon or steel nose piece



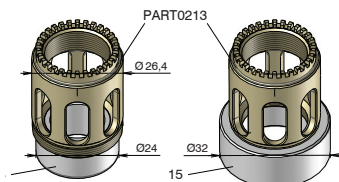
Base 2 :
M26 threaded base
Internal diameter, Ø22
Large or "Security" strobe
Nylon or steel nose piece



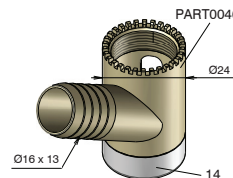
Base 3 : M30 threaded base
Internal diameter, Ø26
Large or "Security" strobe
Nylon or steel nose piece



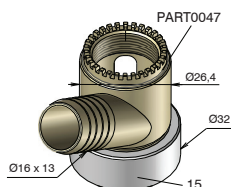
Base 4 : M20 tapped and M26 threaded base
Internal diameter, Ø15 or 20
"Security" strobe
Nylon or steel nose piece



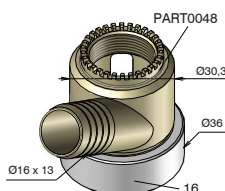
Base 5 :
M20 Tapped base
With vaccum Ø16 x 13
Internal diameter, Ø15
Nylon or steel nose piece



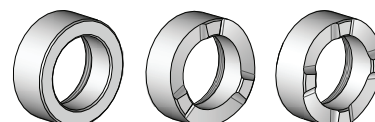
Base 6 : M26 threaded base
With vaccum Ø16 x 13
Internal diameter, Ø22
Nylon or steel nose piece



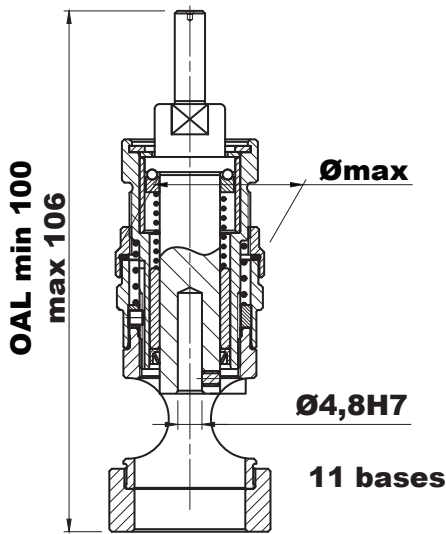
Base 7 : M30 threaded base
With vaccum Ø16 x 13
Internal diameter, Ø26
Nylon or steel nose piece



Possible noses (see table): Flat, tripod or quadripod
In Nylon or steel



Microstop Cage with Bore for Rivet Hole Brushes 2MA



Application:

This device allows to control the depth during hand drilling operations. The Bore is particularly adapt to fit with Wire brush.

With lip seal to prevent dust.

Pitch adjustment 0.025mm (0.00098").

Shank:

.2362 inch / 6 mm

Tool material:

Nickel-plated steel

Hardened steel for moving parts

Nose in Nylon or steel

Thread	Shank		Stroke	Ø max B	Base		Item		Item		Item		Item	
	inch	mm			N°	Ø max	Nylon nose	Steel nose	Tripod nylon nose	Quadripod nylon nose				
Ø4,8 H7	.2362	6	7.5	29,5	1	24	● 2XM0A000	○ 2XM0A100	○ 2XM0AY00	○ 2XM0AZ00				
-	-	-	-	-	1 Security	24	● 2XM0A001	○ 2XM0A101	○ 2XM0AY01	○ 2XM0AZ01				
-	-	-	-	-	2	32	● 2XM0A009	○ 2XM0A109	○ 2XM0AY09	○ 2XM0AZ09				
-	-	-	-	-	2 Security	32	● 2XM0A002	○ 2XM0A102	○ 2XM0AY02	○ 2XM0AZ02				
-	-	-	-	-	3	36	● 2XM0A003	○ 2XM0A103	○ 2XM0AY03	○ 2XM0AZ03				
-	-	-	-	-	3 Security	36	● 2XM0A004	○ 2XM0A104	○ 2XM0AY04	○ 2XM0AZ04				
-	-	-	-	-	4 inter.	26.4	● 2XM0A00B	○ 2XM0A10B	○ 2XM0AY0B	○ 2XM0AZ0B				
-	-	-	-	-	4 exter.	32	● 2XM0A00C	○ 2XM0A10C	○ 2XM0AY0C	○ 2XM0AZ0C				
-	-	-	-	-	5	24	● 2XM0A005	○ 2XM0A105	○ 2XM0AY05	○ 2XM0AZ05				
-	-	-	-	-	6	32	● 2XM0A006	○ 2XM0A106	○ 2XM0AY06	○ 2XM0AZ06				
-	-	-	-	-	7	36	● 2XM0A007	○ 2XM0A107	○ 2XM0AY07	○ 2XM0AZ07				

● stored products ○ not stored products

Color code:

Possibility of microstop cages with colored nut.

Reference system:

2XM # A###

- 0 for standard nut,
- B for blue nut,
- N for black nut,
- R for red nut,
- V for green nut.




Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



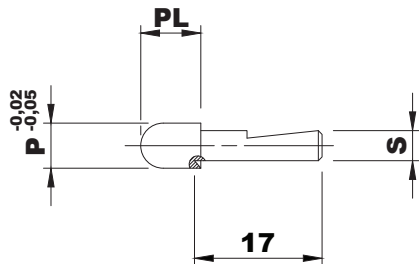
Assembly tools

Pilots

2YA	Pilot for counterbores and countersinks <i>Cylindrical shank</i>	184
2YB	Pilot for back spotfacers and back countersinks <i>Bayonet lock type – Cylindrical shank</i>	191
2YD	Pilot for back spotfacers and back countersinks <i>Screwed type – Cylindrical shank</i>	 196
2YC	Pilot for holesaws <i>Bayonet lock type – Cylindrical shank</i>	197

Pilot

For counterbores & countersinks



Application:

Removable pilot, to use with our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH.

Tool material:

Hardened steel

P		S		PL		Item
inch	mm	inch	mm	inch	mm	
.0787	2	.0787	2	.2362	6	● 2YA0A001
3/32 (.0937)	2,381	-	-	.2441	6.2	● 2YA0A002
.0945	2,4	-	-	-	-	● 2YA0A003
.0984	2,5	-	-	.248	6.3	● 2YA0A004
.1102	2,8	-	-	.252	6.4	● 2YA0A005
.1181	3	-	-	.2559	6.5	● 2YA0A006
1/8 (.125)	3,175	-	-	.2598	6.6	● 2YA0A007
.126	3,2	-	-	-	-	● 2YA0A137
.1378	3,5	-	-	.2677	6.8	● 2YA0A008
9/64 (.1406)	3,572	-	-	-	-	○ 2YA0A009
.1417	3,6	-	-	-	-	● 2YA0A010
5/32 (.1563)	3,969	-	-	.2756	7	○ 2YA0A011
.1575	4	-	-	-	-	● 2YA0A012
.1634	4,15	-	-	.2795	7.1	● 2YA0A013
3/16 (.1875)	4,763	-	-	.2913	7.4	● 2YA0A014
#12 (.189)	4,8	-	-	-	-	● 2YA0A015
.1969	5	-	-	.2953	7.5	● 2YA0A016
7/32 (.2188)	5,556	-	-	.3071	7.8	○ 2YA0A017
.2205	5,6	-	-	-	-	○ 2YA0A018
.2362	6	-	-	.315	8	○ 2YA0A019
.2469	6,27	-	-	.3189	8.1	○ 2YA0A020
1/4 (.25)	6,35	-	-	.3228	8.2	○ 2YA0A021
.2618	6,65	-	-	.3268	8.3	● 2YA0A022

● stored products ○ not stored products

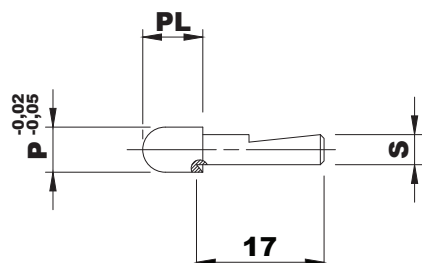
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Pilot

For counterbores & countersinks

2/7

**Application:**

Removable pilot, to use with our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH.

Tool material:

Hardened steel

P		S		PL		Item
inch	mm	inch	mm	inch	mm	
.0984	2,5	.0984	2,5	.248	6,3	● 2YA0A023
.1102	2,8	-	-	.252	6,4	● 2YA0A024
.1181	3	-	-	.2559	6,5	● 2YA0A025
1/8 (.125)	3,175	-	-	.2598	6,6	● 2YA0A026
.126	3,2	-	-	-	-	● 2YA0A138
.1378	3,5	-	-	.2677	6,8	● 2YA0A027
9/64 (.1406)	3,572	-	-	-	-	○ 2YA0A028
.1417	3,6	-	-	-	-	● 2YA0A029
.1496	3,8	-	-	.2717	6,9	● 2YA0A030
5/32 (.1563)	3,969	-	-	.2756	7	○ 2YA0A031
.1575	4	-	-	-	-	● 2YA0A032
.1634	4,15	-	-	.2795	7,1	● 2YA0A033
3/16 (.1875)	4,763	-	-	.2913	7,4	● 2YA0A034
#12 (.189)	4,8	-	-	-	-	● 2YA0A035
.1969	5	-	-	.2953	7,5	● 2YA0A036
.2165	5,5	-	-	.3071	7,8	● 2YA0A139
7/32 (.2188)	5,556	-	-	-	-	○ 2YA0A037
.2205	5,6	-	-	-	-	● 2YA0A038
.2362	6	-	-	.315	8	● 2YA0A039
.2469	6,27	-	-	.3189	8,1	○ 2YA0A040
1/4 (.25)	6,35	-	-	.3228	8,2	○ 2YA0A041
.2618	6,65	-	-	.3268	8,3	● 2YA0A042

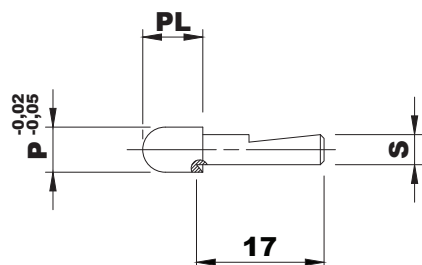
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Pilot

For counterbores & countersinks



Application:

Removable pilot, to use with our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH.

Tool material:

Hardened steel

P		S		PL		Item
inch	mm	inch	mm	inch	mm	
.1181	3	.1181	3	.2559	6.5	● 2YA0A043
1/8 (.125)	3,175	-	-	.2598	6.6	● 2YA0A044
.126	3,2	-	-	-	-	● 2YA0A045
.1378	3,5	-	-	.2677	6.8	● 2YA0A046
9/64 (.1406)	3,572	-	-	-	-	○ 2YA0A047
.1417	3,6	-	-	-	-	○ 2YA0A048
.1496	3,8	-	-	.2717	6.9	● 2YA0A049
5/32 (.1563)	3,969	-	-	.2756	7	● 2YA0A050
.1575	4	-	-	-	-	● 2YA0A051
.1614	4,1	-	-	.2795	7.1	● 2YA0A140
.1634	4,15	-	-	-	-	● 2YA0A052
3/16 (.1875)	4,763	-	-	.2913	7.4	● 2YA0A053
#12 (.189)	4,8	-	-	-	-	● 2YA0A054
.1969	5	-	-	.2953	7.5	● 2YA0A055
7/32 (.2188)	5,556	-	-	.3071	7.8	○ 2YA0A056
.2205	5,6	-	-	-	-	● 2YA0A057
.2362	6	-	-	.315	8	● 2YA0A058
.2469	6,27	-	-	.3189	8.1	○ 2YA0A059
1/4 (.25)	6,35	-	-	.3228	8.2	● 2YA0A060
.2618	6,65	-	-	.3268	8.3	● 2YA0A061
.315	8	-	-	.3543	9	○ 2YA0A062
3/8 (.375)	9,525	-	-	.3858	9.8	○ 2YA0A063
.3937	10	-	-	.3937	10	○ 2YA0A064

● stored products ○ not stored products

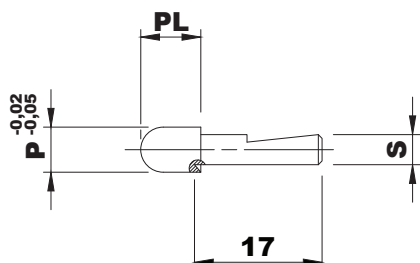
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Pilot

For counterbores & countersinks

4/7

**Application:**

Removable pilot, to use with our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH.

Tool material:

Hardened steel

P		S		PL		Item
inch	mm	inch	mm	inch	mm	
.1378	3,5	.1378	3,5	.2677	6,8	● 2YA0A065
9/64 (.1406)	3,572	-	-	-	-	○ 2YA0A066
.1417	3,6	-	-	-	-	○ 2YA0A067
.1496	3,8	-	-	.2717	6,9	● 2YA0A068
5/32 (.1563)	3,969	-	-	.2756	7	○ 2YA0A069
.1575	4	-	-	-	-	● 2YA0A070
.1634	4,15	-	-	.2795	7,1	● 2YA0A071
3/16 (.1875)	4,763	-	-	.2913	7,4	● 2YA0A072
#12 (.189)	4,8	-	-	-	-	● 2YA0A073
.1969	5	-	-	.2953	7,5	● 2YA0A074
7/32 (.2188)	5,556	-	-	.3071	7,8	○ 2YA0A075
.2205	5,6	-	-	-	-	○ 2YA0A076
.2362	6	-	-	.315	8	○ 2YA0A077
.2469	6,27	-	-	.3189	8,1	● 2YA0A078
1/4 (.25)	6,35	-	-	.3228	8,2	○ 2YA0A079
.2618	6,65	-	-	.3268	8,3	● 2YA0A080
.315	8	-	-	.3543	9	○ 2YA0A081
3/8 (.375)	9,525	-	-	.3858	9,8	● 2YA0A082
.3937	10	-	-	.3937	10	○ 2YA0A083

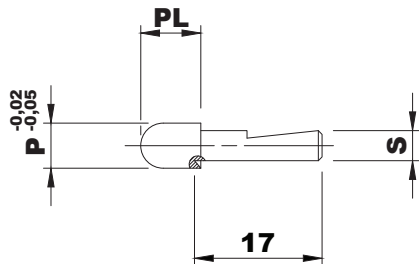
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Pilot

For counterbores & countersinks



Application:

Removable pilot, to use with our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH.

Tool material:

Hardened steel

P		S		PL		Item
inch	mm	inch	mm	inch	mm	
.1575	4	.1575	4	.2756	7	● 2YA0A084
.1634	4,15	-	-	.2795	7.1	● 2YA0A085
.1772	4,5	-	-	.2874	7.3	● 2YA0A086
3/16 (.1875)	4,763	-	-	.2913	7.4	● 2YA0A087
#12 (.189)	4,8	-	-	-	-	● 2YA0A088
.1969	5	-	-	.2953	7.5	● 2YA0A089
7/32 (.2188)	5,556	-	-	.3071	7.8	○ 2YA0A090
.2165	5,5	-	-	-	-	● 2YA0A091
.2205	5,6	-	-	-	-	● 2YA0A092
.2283	5,8	-	-	.311	7.9	● 2YA0A093
.2362	6	-	-	.315	8	● 2YA0A094
.2469	6,27	-	-	.3189	8.1	● 2YA0A095
1/4 (.25)	6,35	-	-	.3228	8.2	● 2YA0A096
.2618	6,65	-	-	.3268	8.3	● 2YA0A097
.315	8	-	-	.3543	9	● 2YA0A098
3/8 (.375)	9,525	-	-	.3858	9.8	● 2YA0A099
.3937	10	-	-	.3937	10	● 2YA0A100
7/16 (.4375)	11,112	-	-	.4173	10.6	○ 2YA0A101
1/2 (.5)	12,7	-	-	.4488	11.4	○ 2YA0A102
.5512	14	-	-	.4724	12	○ 2YA0A103
9/16 (.5625)	14,288	-	-	.4764	12.1	○ 2YA0A104
9/16 (.625)	15,875	-	-	.5079	12.9	○ 2YA0A105

● stored products ○ not stored products

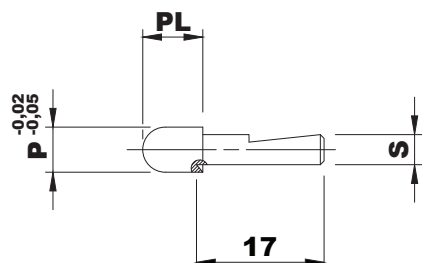
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Pilot

For counterbores & countersinks



Application:

Removable pilot, to use with our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH.

Tool material:

Hardened steel

P		S		PL		Item
inch	mm	inch	mm	inch	mm	
.1969	5	.1969	5	.2953	7.5	● 2YA0A106
7/32 (.2188)	5,556	-	-	.3071	7.8	○ 2YA0A107
.2205	5,6	-	-	-	-	● 2YA0A108
.2362	6	-	-	.315	8	● 2YA0A109
.2469	6,27	-	-	.3189	8.1	○ 2YA0A110
1/4 (.25)	6,35	-	-	.3228	8.2	● 2YA0A111
.2618	6,65	-	-	.3268	8.3	○ 2YA0A112
.2756	7	-	-	.3346	8.5	● 2YA0A113
.3071	7,8	-	-	.3504	8.9	● 2YA0A114
5/16 (.3125)	7,938	-	-	.3543	9	● 2YA0A115
.315	8	-	-	-	-	● 2YA0A116
3/8 (.375)	9,525	-	-	.3858	9.8	● 2YA0A117
.3937	10	-	-	.3937	10	● 2YA0A118
7/16 (.4375)	11,112	-	-	.4173	10.6	○ 2YA0A119
.4724	12	-	-	.4331	11	● 2YA0A120
1/2 (.5)	12,7	-	-	.4488	11.4	○ 2YA0A121
.5512	14	-	-	.4724	12	● 2YA0A122
9/16 (.5625)	14,288	-	-	.4764	12.1	○ 2YA0A123
9/16 (.625)	15,875	-	-	.5079	12.9	○ 2YA0A124

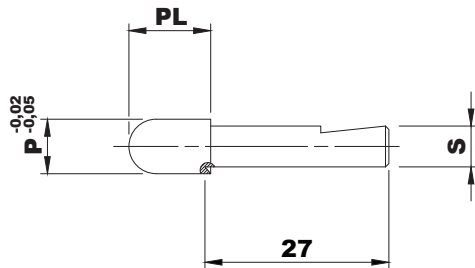
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Pilot

For counterbores & countersinks



Application:

Removable pilot, to use with our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH.

Tool material:

Hardened steel

P		S		PL		Item
inch	mm	inch	mm	inch	mm	
.2362	6	.2362	6	.4331	11	● 2YA0A125
.2469	6,27	-	-	.437	11.1	○ 2YA0A126
1/4 (.25)	6,35	-	-	.4409	11.2	● 2YA0A127
.2618	6,65	-	-	.4449	11.3	○ 2YA0A128
.315	8	-	-	.4724	12	● 2YA0A129
3/8 (.375)	9,525	-	-	.5039	12.8	● 2YA0A130
.3937	10	-	-	.5118	13	● 2YA0A131
7/16 (.4375)	11,112	-	-	.5354	13.6	● 2YA0A132
1/2 (.5)	12,7	-	-	.5669	14.4	● 2YA0A133
.5512	14	-	-	.5906	15	● 2YA0A134
9/16 (.5625)	14,288	-	-	.5945	15.1	● 2YA0A135
9/16 (.625)	15,875	-	-	.626	15.9	● 2YA0A136

● stored products ○ not stored products

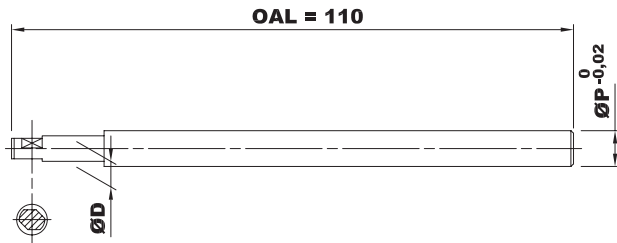
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Pilot

For back spotfacers & back countersinks



Application:

Bayonet lock type pilot to use with our back spotfacers 2GD, and with our back countersinks 2HG.

Tool material:

Hardened steel

P		D		OAL		Item
inch	mm	inch	mm	inch	mm	
.1181	3	.1181	3	4.33	110	● 2YB0A001
1/8 (.125)	3,175	-	-	-	-	● 2YB0A002
.126	3,2	-	-	-	-	● 2YB0A003
.1378	3,5	-	-	-	-	● 2YB0A004
9/64 (.1406)	3,572	-	-	-	-	○ 2YB0A005
.1417	3,6	-	-	-	-	○ 2YB0A006
.1535	3,9	-	-	-	-	● 2YB0A007
5/32 (.1563)	3,969	-	-	-	-	○ 2YB0A008
.1575	4	-	-	-	-	● 2YB0A009
.1634	4,15	-	-	-	-	○ 2YB0A010
3/16 (.1875)	4,763	-	-	-	-	○ 2YB0A011
#12 (.189)	4,8	-	-	-	-	● 2YB0A012
.1969	5	-	-	-	-	● 2YB0A013
7/32 (.2188)	5,556	-	-	-	-	○ 2YB0A014
.2205	5,6	-	-	-	-	○ 2YB0A015
.2362	6	-	-	-	-	● 2YB0A016
.2469	6,27	-	-	-	-	○ 2YB0A017
1/4 (.25)	6,35	-	-	-	-	● 2YB0A018
.2618	6,65	-	-	-	-	● 2YB0A019
.315	8	-	-	-	-	● 2YB0A020
3/8 (.375)	9,525	-	-	-	-	○ 2YB0A021
.3937	10	-	-	-	-	○ 2YB0A022

● stored products ○ not stored products

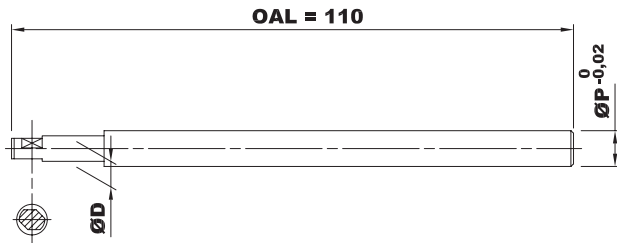
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Pilot

For back spotfacers & back countersinks



Application:

Bayonet lock type pilot to use with our back spotfacers 2GD, and with our back countersinks 2HG.

Tool material:

Hardened steel

P		D		OAL		Item
inch	mm	inch	mm	inch	mm	
.1575	4	.1575	4	4.33	110	● 2YB0A023
.1634	4,15	-	-	-	-	○ 2YB0A024
.1772	4,5	-	-	-	-	● 2YB0A025
3/16 (.1875)	4,763	-	-	-	-	○ 2YB0A026
#12 (.189)	4,8	-	-	-	-	● 2YB0A027
.1969	5	-	-	-	-	● 2YB0A028
.2126	5,4	-	-	-	-	● 2YB0A029
7/32 (.2188)	5,556	-	-	-	-	○ 2YB0A030
.2205	5,6	-	-	-	-	○ 2YB0A031
.2362	6	-	-	-	-	● 2YB0A032
.2469	6,27	-	-	-	-	● 2YB0A033
1/4 (.25)	6,35	-	-	-	-	● 2YB0A034
.2618	6,65	-	-	-	-	○ 2YB0A035
.315	8	-	-	-	-	● 2YB0A036
3/8 (.375)	9,525	-	-	-	-	○ 2YB0A037
.3937	10	-	-	-	-	○ 2YB0A038
7/16 (.4375)	11,112	-	-	-	-	○ 2YB0A039
1/2 (.5)	12,7	-	-	-	-	○ 2YB0A040
.5512	14	-	-	-	-	○ 2YB0A041
9/16 (.5625)	14,288	-	-	-	-	○ 2YB0A042
9/16 (.625)	15,875	-	-	-	-	○ 2YB0A043

● stored products ○ not stored products

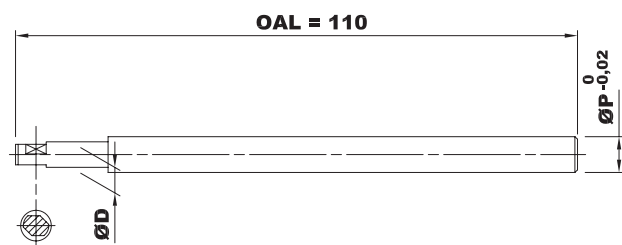
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Pilot

For back spotfacers & back countersinks



Application:

Bayonet lock type pilot to use with our back spotfacers 2GD, and with our back countersinks 2HG.

Tool material:

Hardened steel

P		D		OAL		Item
inch	mm	inch	mm	inch	mm	
.1969	5	.1969	5	4.33	110	● 2YB0A044
7/32 (.2188)	5,556	-	-	-	-	○ 2YB0A045
.2205	5,6	-	-	-	-	○ 2YB0A046
.2362	6	-	-	-	-	● 2YB0A047
.2469	6,27	-	-	-	-	○ 2YB0A048
1/4 (.25)	6,35	-	-	-	-	○ 2YB0A049
.2618	6,65	-	-	-	-	○ 2YB0A050
.2756	7	-	-	-	-	● 2YB0A051
.315	8	-	-	-	-	● 2YB0A052
3/8 (.375)	9,525	-	-	-	-	○ 2YB0A053
.3937	10	-	-	-	-	○ 2YB0A054
7/16 (.4375)	11,112	-	-	-	-	○ 2YB0A055
1/2 (.5)	12,7	-	-	-	-	○ 2YB0A056
.5512	14	-	-	-	-	○ 2YB0A057
9/16 (.5625)	14,288	-	-	-	-	○ 2YB0A058
9/16 (.625)	15,875	-	-	-	-	○ 2YB0A059

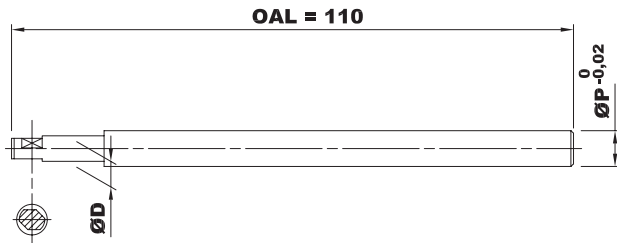
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Pilot

For back spotfacers & back countersinks



Application:

Bayonet lock type pilot to use with our back spotfacers 2GD, and with our back countersinks 2HG.

Tool material:

Hardened steel

P		D		OAL		Item
inch	mm	inch	mm	inch	mm	
.2362	6	.2362	6	4.33	110	● 2YB0A060
.2469	6,27	-	-	-	-	○ 2YB0A061
1/4 (.25)	6,35	-	-	-	-	● 2YB0A062
.2618	6,65	-	-	-	-	○ 2YB0A063
.2756	7	-	-	-	-	○ 2YB0A064
.315	8	-	-	-	-	● 2YB0A065
.3543	9	-	-	-	-	○ 2YB0A066
3/8 (.375)	9,525	-	-	-	-	○ 2YB0A067
.3937	10	-	-	-	-	○ 2YB0A068
7/16 (.4375)	11,112	-	-	-	-	● 2YB0A069
1/2 (.5)	12,7	-	-	-	-	○ 2YB0A070
.5512	14	-	-	-	-	○ 2YB0A071
9/16 (.5625)	14,288	-	-	-	-	○ 2YB0A072
9/16 (.625)	15,875	-	-	-	-	○ 2YB0A073

● stored products ○ not stored products

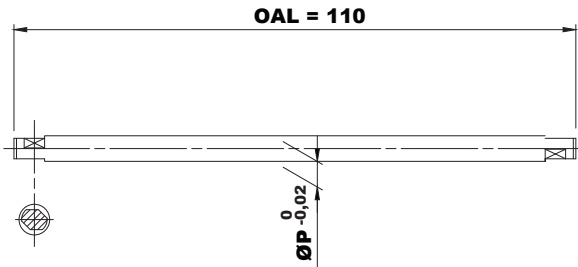
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Double pilot

For back spotfacers & back countersinks



Application:

Bayonet lock type pilot to use with our back spotfacers 2GD, and with our back countersinks 2HG.

Tool material:

Hardened steel

P		D		OAL		Item
inch	mm	inch	mm	inch	mm	
.0984	2,5	.0984	2,5	4.33	110	● 2YB0A250
.1181	3	.1181	3	-	-	● 2YB0A300
.1575	4	.1575	4	-	-	● 2YB0A400
.1969	5	.1969	5	-	-	● 2YB0A500
.2362	6	.2362	6	-	-	● 2YB0A600

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

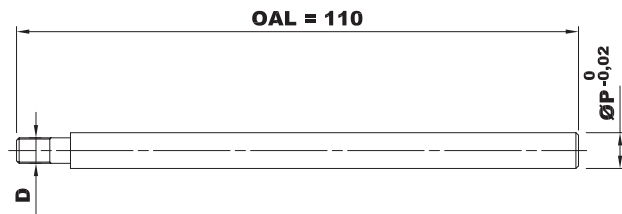
Please, contact us for any request at request@nexam.aero.



Pilot with thread

For back spotfacers & back countersinks

1/1



Application:

Threaded pilot to use with our back spotfacers 2GE, and with our back countersinks 2HJ.

Tool material:

Hardened steel

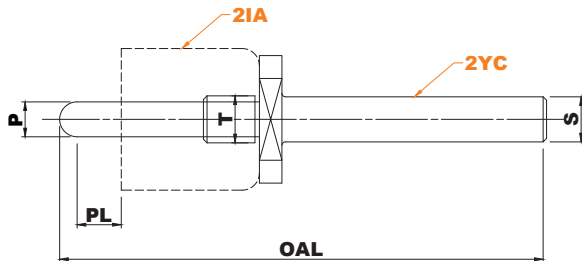
P		D	OAL		Item
inch	mm	mm	inch	mm	
.0925	2,35	M2x0,4	4.33	110	● 2YD0A001
.0984	2,5	-	-	-	● 2YD0A002
-	-	M2,5x0,4	-	-	● 2YD0A003
.1181	3	-	-	-	● 2YD0A004
.126	3,2	-	-	-	● 2YD0A005
.1575	4	-	-	-	● 2YD0A006
.1181	3	M3x0,5	-	-	● 2YD0A007
.126	3,2	-	-	-	● 2YD0A008
.1575	4	-	-	-	● 2YD0A009
#12 (.189)	4,8	-	-	-	● 2YD0A010
.1575	4	M4x0,7	-	-	● 2YD0A011
#12 (.189)	4,8	-	-	-	● 2YD0A012
1/4 (.25)	6,35	-	-	-	○ 2YD0A013

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Pilot For holesaws



Application:

To use with our holesaws (item 21A).

Tool material:

Hardened steel

P		T	S		PL		OAL		Item
inch	mm		inch	mm	inch	mm	inch	mm	
.1575	4	M6	.2362	6	.315	8	2.4409	62	● 2YC0A001
.1969	5	-	-	-	-	-	-	-	● 2YC0A022
.1575	4	M8	.315	8	-	-	-	-	● 2YC0A002
3/16 (.1875)	4,763	-	-	-	-	-	-	-	○ 2YC0A003
.1969	5	-	-	-	-	-	-	-	● 2YC0A004
7/32 (.2188)	5,556	-	-	-	-	-	-	-	○ 2YC0A005
.2362	6	-	-	-	-	-	-	-	● 2YC0A006
1/4 (.25)	6,35	-	-	-	-	-	-	-	○ 2YC0A007
.1969	5	M10	.3937	10	-	-	2.6378	67	○ 2YC0A008
7/32 (.2188)	5,556	-	-	-	-	-	-	-	○ 2YC0A009
.2362	6	-	-	-	-	-	-	-	● 2YC0A010
1/4 (.25)	6,35	-	-	-	-	-	-	-	○ 2YC0A011
.2756	7	-	-	-	-	-	-	-	● 2YC0A012
5/16 (.3125)	7,938	-	-	-	-	-	-	-	○ 2YC0A013
.315	8	-	-	-	-	-	-	-	● 2YC0A014
.2362	6	M12	-	-	-	-	2.8346	72	● 2YC0A015
1/4 (.25)	6,35	-	-	-	-	-	-	-	○ 2YC0A016
.2756	7	-	-	-	-	-	-	-	● 2YC0A017
5/16 (.3125)	7,938	-	-	-	-	-	-	-	● 2YC0A018
.315	8	-	-	-	-	-	-	-	○ 2YC0A019
.3543	9	-	-	-	-	-	-	-	○ 2YC0A020
3/8 (.375)	9,525	-	-	-	-	-	-	-	○ 2YC0A021

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

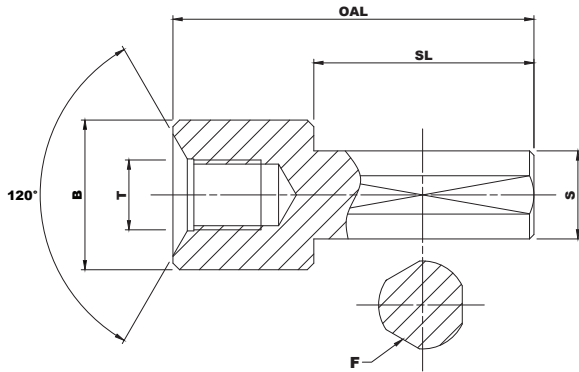
Please, contact us for any request at request@nexam.aero.

Assembly tools

Adaptors

2ZA	Drilling adaptor <i>Plain shank</i>	200
2ZB	T handle for Taper-Lok® hand reamers	201

Drilling adaptor Hardened steel



Application:

These adaptors allow the use of microstop cages cutting tools (120° taper and threaded shank) on drills and machine tools.

Tool material:

Hardened steel 1000N/mm²

T	B		S		F	SL		OAL		Item
	inch	mm	inch	mm		inch	mm	inch	mm	
M6 x 100	.3937	10	.1575	4	0	0.5906	15	1.1811	30	● 2ZA0A001
-	-	-	.2362	6	-	0.7874	20	1.9685	50	● 2ZA0A002
-	-	-	.315	8	3	-	-	2.2047	56	● 2ZA0A003
-	-	-	-	-	-	-	-	3.7795	96	● 2ZA0A004
1/4-28 UNF	-	-	.1575	4	0	0.5906	15	1.1811	30	● 2ZA0A005
-	-	-	.2362	6	-	0.7874	20	1.9685	50	● 2ZA0A006
-	-	-	.315	8	3	-	-	2.2047	56	○ 2ZA0A007
-	.4724	12	-	-	-	-	-	3.7795	96	○ 2ZA0A008
M8 x 100	-	-	.2362	6	0	-	-	1.9685	50	● 2ZA0A009
-	.5512	14	.315	8	-	-	-	-	-	● 2ZA0A010
-	-	-	-	-	3	-	-	2.2047	56	● 2ZA0A011
-	-	-	-	-	-	-	-	3.7795	96	● 2ZA0A012
M10 x 100	.7087	18	-	-	-	-	-	1.6535	42	○ 2ZA0A013
-	-	-	.3937	10	-	-	-	1.9685	50	● 2ZA0A014
-	-	-	.315	8	-	-	-	3.2283	82	○ 2ZA0A015
3/8-24 UNF	-	-	-	-	-	-	-	1.6535	42	○ 2ZA0A016
-	-	-	-	-	0	-	-	1.9685	50	○ 2ZA0A017
-	-	-	-	-	3	-	-	3.2283	82	○ 2ZA0A018
-	-	-	.3937	10	-	-	-	1.9685	50	● 2ZA0A019

● stored products ○ not stored products

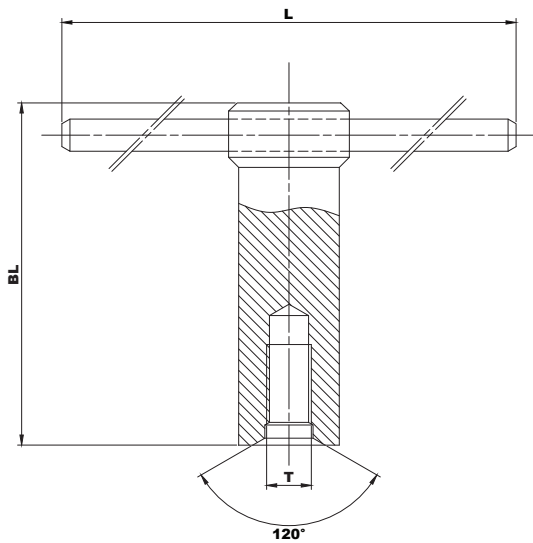
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

T handle for Taper-Lok® hand reamer

Hardened steel

1/1

**Application:**

To use with our hand reamers (item 2DD) for the touching up of holes for Taper-Lok® fasteners installation.

Tool material:

Hardened steel 1000N/mm²

T	BL		L		Item
	inch	mm	inch	mm	
5/16-24 UNF	3.3465	85	7.874	200	○ 2ZB0A001
7/16-20 UNF	-	-	-	-	○ 2ZB0A002
5/8-18 UNF	-	-	-	-	○ 2ZB0A003
3/4-16 UNF	-	-	-	-	○ 2ZB0A004

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).







Please, contact us for any request at request@nexam.aero.

Toolings

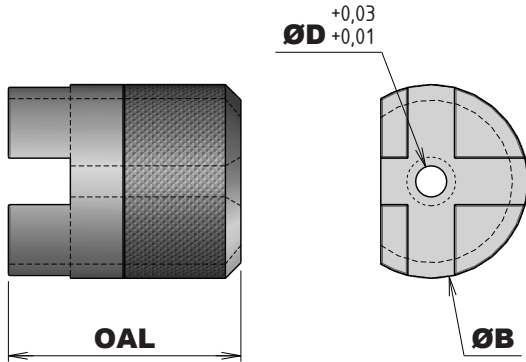


Toolings

Drilling bushes

3CA	Drilling bush – 25 or 30mm <i>Steel</i>		206
3CB	Drilling bush – 40mm <i>Steel</i>		207
3CF	Chip Breaker Drilling bush <i>Steel</i>		208
3CC	Bush Ø14 <i>Steel</i>		209
3CD	Threaded bush <i>Steel</i>		211
3CE	Bush holder <i>Steel</i>		212

Drilling bush – 25 or 30mm Steel



Application:

Small drilling bush for short series of drills and reamers. Allow to hold the tool during the drilling/reaming and manage the perpendicularity.

Tool material:

Steel

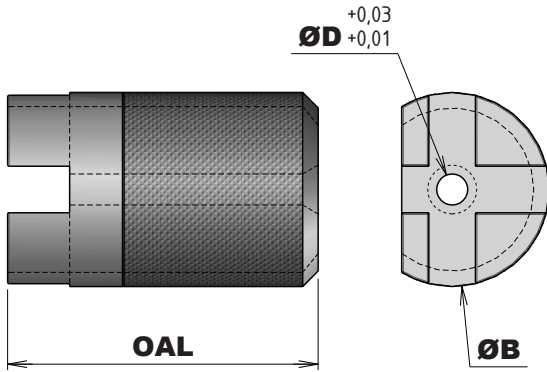
B		D		OAL		Item
inch	mm	inch	mm	inch	mm	
IN CASE OF ORDER, PLEASE PRECISE THE DIAMETER						
.9843	25	X	XX,XXX	.9843 / 1.1811	25 / 30	○ 3CAXXXXX
FIXED DIMENSIONS – OAL = 30						
.9843	25	.0984	2.5	1.1811	30	○ 3CA02500
-	-	.126	3.2	-	-	○ 3CA03200
-	-	.1614	4.1	-	-	○ 3CA04100
-	-	#12 (.189)	4.8	-	-	○ 3CA04800
-	-	7/32 (.219)	5.56	-	-	○ 3CA05560
-	-	1/4 (.25)	6.35	-	-	○ 3CA06350
-	-	5/16 (.313)	7.94	-	-	○ 3CA07940
FIXED DIMENSIONS – OAL = 25						
.9843	25	.0984	2.5	.9843	25	○ 3CA52500
-	-	.126	3.2	-	-	○ 3CA53200
-	-	.1614	4.1	-	-	○ 3CA54100
-	-	#12 (.189)	4.8	-	-	○ 3CA54800
-	-	7/32 (.219)	5.56	-	-	○ 3CA55560
-	-	1/4 (.25)	6.35	-	-	○ 3CA56350
-	-	5/16 (.313)	7.94	-	-	○ 3CA57940

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Drilling bush – 40mm Steel



Application:

Drilling bush for drills and reamers. Allow to hold the tool during the drilling/reaming and manage the perpendicularity.

Tool material:

Steel

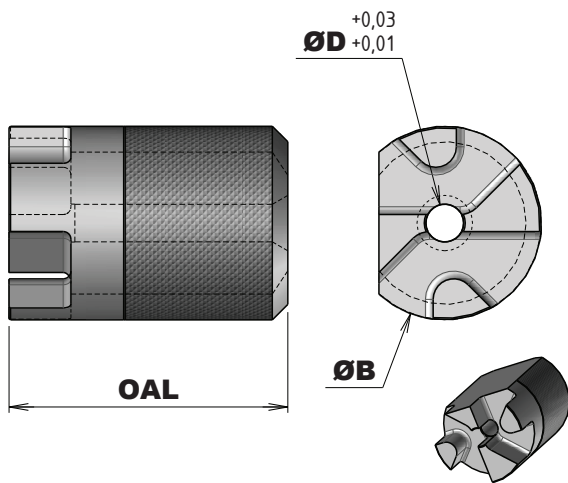
B		D		OAL		Item
inch	mm	inch	mm	inch	mm	
IN CASE OF ORDER, PLEASE PRECISE THE DIAMETER						
.9843	25	X	XX,XXX	1.5748	40	○ 3CBXXXXX
FIXED DIMENSIONS						
.9843	25	.0984	2.5	1.5748	40	○ 3CB02500
-	-	.126	3.2	-	-	○ 3CB03200
-	-	.13	3.3	-	-	○ 3CB03300
-	-	.157	4	-	-	○ 3CB04000
-	-	.1614	4.1	-	-	○ 3CB04100
-	-	.165	4.18	-	-	○ 3CB04180
-	-	.1772	4.5	-	-	○ 3CB04500
-	-	#12 (.189)	4.8	-	-	○ 3CB04800
-	-	7/32 (.219)	5.56	-	-	○ 3CB05560
-	-	1/4 (.25)	6.35	-	-	○ 3CB06350
-	-	5/16 (.313)	7.94	-	-	○ 3CB07940

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Chip Breaker Drilling bush Steel



Application:

Drilling bush for drills and reamers. Allow to hold the tool during the drilling/reaming and manage the perpendicularity.

Chip breaker function thanks to the specific shape. It allows to break and exhaust the generated chips.

Tool material:

Steel

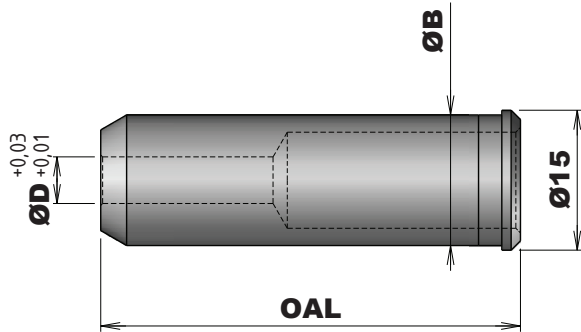
B		D		OAL		Item
inch	mm	inch	mm	inch	mm	
IN CASE OF ORDER, PLEASE PRECISE THE DIAMETER						
.9843	25	X	XX,XXX	1.5748	40	○ 3CFXXXXX
FIXED DIMENSIONS						
.9843	25	.0984	2.5	1.4173	36	● 3CF02500
-	-	.126	3.2	-	-	● 3CF03200
-	-	.1614	4.1	-	-	● 3CF04100
-	-	-	4.13	-	-	● 3CF04130
-	-	-	4.18	-	-	● 3CF04180
-	-	.1882	4.78	-	-	● 3CF04780
-	-	#12 (.189)	4.8	-	-	● 3CF04800
-	-	-	4.83	-	-	● 3CF04830
-	-	-	5.08	-	-	● 3CF05080
-	-	-	5.17	-	-	● 3CF05170
-	-	7/32 (.219)	5.56	1.5748	40	● 3CF05560
-	-	1/4 (.25)	6.35	-	-	● 3CF06350
-	-	5/16 (.313)	7.94	-	-	● 3CF07940
-	-	3/8 (.3748)	9.52	-	-	○ 3CF09520

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Bush Ø14 Steel



Application:

Drilling bush Ø14 for drill and reamer up to Ø12.
Allow to hold the tool during the drilling/reaming and manage the perpendicularity.
To use with our bush holder 3CE.

Tool material:

Steel

B		D		OAL		Item
inch	mm	inch	mm	inch	mm	
IN CASE OF ORDER, PLEASE PRECISE THE DIAMETER						
.5512	14	X	XX,XXX	1.7717	45	○ 3CCXXXXX
FIXED DIMENSIONS						
.5512	14	.0984	2.5	1.7717	45	● 3CC02500
-	-	.1181	3	-	-	● 3CC03000
-	-	.126	3.2	-	-	● 3CC03200
-	-	#30 (.1283)	3.26	-	-	● 3CC03260
-	-	.1299	3.3	-	-	● 3CC03300
-	-	.1378	3.5	-	-	● 3CC03500
-	-	.1457	3.7	-	-	● 3CC03700
-	-	.1535	3.9	-	-	● 3CC03900
-	-	5/32 (.1563)	3.97	-	-	● 3CC03970
-	-	.1575	4	-	-	● 3CC04000
-	-	.1614	4.1	-	-	● 3CC04100
-	-	.1626	4.13	-	-	● 3CC04130
-	-	.1622	4.12	-	-	● 3CC04120
-	-	.1642	4.17	-	-	● 3CC04170
-	-	.1654	4.2	-	-	● 3CC04200
-	-	.1732	4.4	-	-	● 3CC04400
-	-	#16 (.1772)	4.5	-	-	● 3CC04500
-	-	.1811	4.6	-	-	● 3CC04600
-	-	#13 (.185)	4.7	-	-	● 3CC04700
-	-	.1882	4.78	-	-	● 3CC04780
-	-	#12 (.189)	4.8	-	-	● 3CC04800
-	-	.1929	4.9	-	-	● 3CC04900
-	-	.1969	5	-	-	● 3CC05000
-	-	.1992	5.06	-	-	● 3CC05060
-	-	.2008	5.1	-	-	● 3CC05100
-	-	.2047	5.2	-	-	● 3CC05200
-	-	.2126	5.4	-	-	● 3CC05400
-	-	.2165	5.5	-	-	● 3CC05500
-	-	.2185	5.55	-	-	● 3CC05550
-	-	7/32 (.219)	5.56	-	-	○ 3CC05560
-	-	.2244	5.7	-	-	● 3CC05700
-	-	.2283	5.8	-	-	● 3CC05800
-	-	.2323	5.9	-	-	● 3CC05900
-	-	15/64 (.2343)	5.95	-	-	● 3CC05950

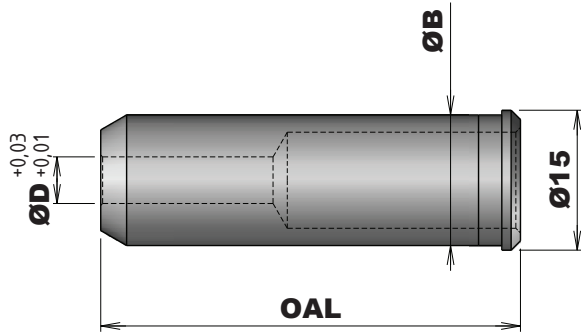
● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.



Bush Ø14 Steel



Application:

Drilling bush Ø14 for drill and reamer up to Ø12. Allow to hold the tool during the drilling/reaming and manage the perpendicularity. To use with our bush holder 3CE.

Tool material:

Steel

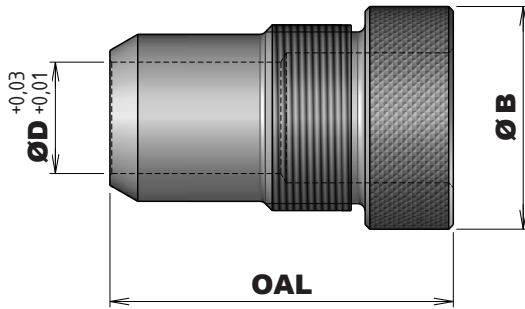
B		D		OAL		Item
inch	mm	inch	mm	inch	mm	
FIXED DIMENSIONS						
.5512	14	.2362	6	1.7717	45	● 3CC06000
-	-	.2402	6.1	-	-	● 3CC06100
-	-	.2441	6.2	-	-	● 3CC06200
-	-	.248	6.3	-	-	● 3CC06300
-	-	1/4 (.25)	6.35	-	-	● 3CC06350
-	-	.252	6.4	-	-	● 3CC06400
-	-	.2559	6.5	-	-	● 3CC06500
-	-	.2598	6.6	-	-	● 3CC06600
-	-	.2646	6.72	-	-	● 3CC06720
-	-	.2756	7	-	-	● 3CC07000
-	-	.2795	7.1	-	-	● 3CC07100
-	-	.2992	7.6	-	-	● 3CC07600
-	-	.2953	7.5	-	-	● 3CC07500
-	-	.3118	7.92	-	-	● 3CC07920
-	-	5/16 (.313)	7.94	-	-	● 3CC07940
-	-	.315	8	-	-	● 3CC08000
-	-	.3228	8.2	-	-	● 3CC08200
-	-	3/8 (.3748)	9.52	-	-	● 3CC09520

● stored products ○ not stored products

Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

Threaded bush Steel



Application:

Threaded drilling bush for drill and reamer up to $\varnothing 17,5$. Allow to hold the tool during the drilling/ reaming and manage the perpendicularity. To use with our bush holder 3CE.

Tool material:

Steel

B		D		OAL		Item
inch	mm	inch	mm	inch	mm	
IN CASE OF ORDER, PLEASE PRECISE THE DIAMETER						
1.0394	26.4	X	XX,XXX	1.4567	37	○ 3CDXXXXX
FIXED DIMENSIONS						
1.0394	26.4	.0984	2.5	1.4567	37	● 3CD02500
-	-	.126	3.2	-	-	● 3CD03200
-	-	.1614	4.1	-	-	● 3CD04100
-	-	#12 (.189)	4.8	-	-	● 3CD04800
-	-	7/32 (.219)	5.56	-	-	● 3CD05560
-	-	1/4 (.25)	6.35	-	-	● 3CD06350
-	-	5/16 (.313)	7.94	-	-	● 3CD07940

● stored products ○ not stored products

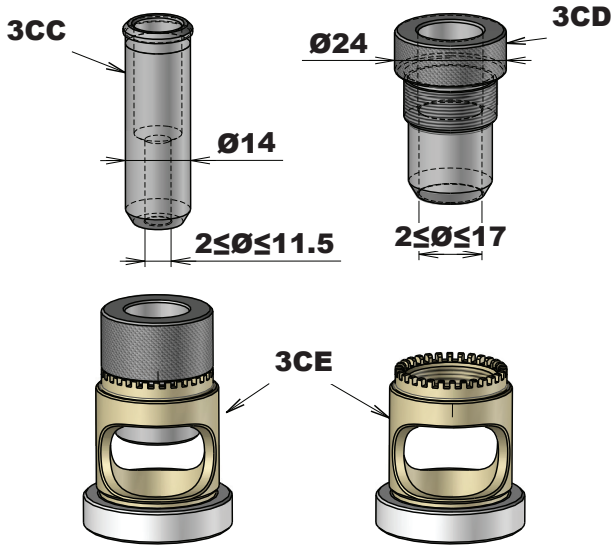
Upon request, we can offer with a short delivery time, many variants of this range (material, flute length, overall length, type of shank, flute number, spiral angle, coating, etc.).

Please, contact us for any request at request@nexam.aero.

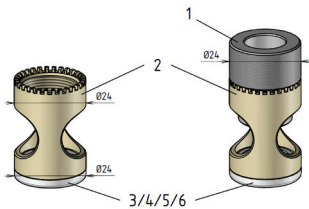
Spare parts for bush holder 3CE

Stroke 58mm

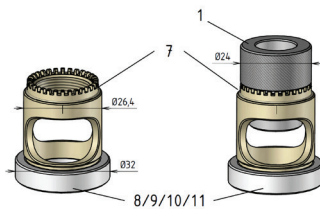
Spare part item	Index	qty	Description
PART0216	1	1	Bush adaptor
PART0034	2	1	Base 1, Ø24
PART0036	3	1	Nylon nose N°1
PART0037	4	1	Steel nose N°1
PART0205	5	1	Tripode Nylon nose N°1
PART0200	6	1	Quadripod nylon nose N°1
PART0038	7	1	Base 2, Ø26
PART0040	8	1	Nylon nose N°2
PART0041	9	1	Steel nose N°2
PART0206	10	1	Tripod nylon nose N°2
PART0059	11	1	Quadripod nylon nose N°2
PART0042	12	1	Base 3, Ø30
PART0044	13	1	Nylon nose N°3
PART0045	14	1	Steel nose N°3
PART0058	15	1	Tripod nylon nose N°3
PART0207	16	1	Quadripod nylon nose N°3
PART0213	17	1	Base 4, Ø26
PART0214	19	1	Base with offset and nylon pins
PART0048	21	1	Base 7, Ø30 with vaccum
PART0152	22	1	Tripod base Ø50



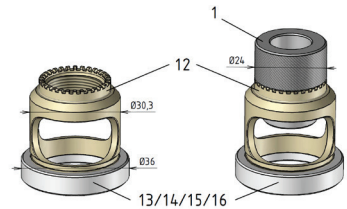
Base 1 :
M20 Tapped base
Internal diameter, Ø15
Nylon or steel nose piece



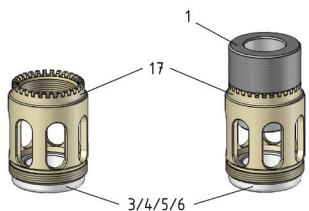
Base 2 :
M26 threaded base
Internal diameter, Ø22
Nylon or steel nose piece



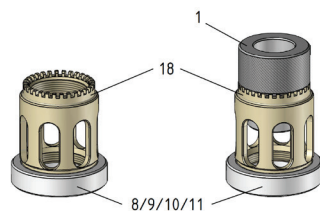
Base 3 : M30 threaded base
Internal diameter, Ø26
Nylon or steel nose piece



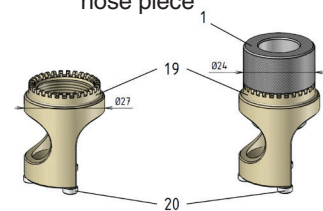
Base 4 : M20 tapped and M26 threaded base
Internal diameter, Ø15
Nylon or steel nose piece N°1



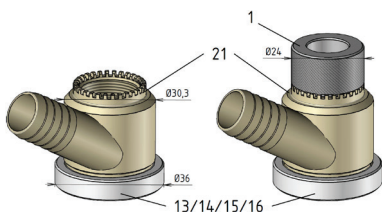
Base 5 : M20 tapped and M26 threaded base
Internal diameter, Ø20
Nylon or steel nose piece N°2



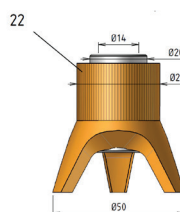
Offset base : Base with offset
Internal diameter, Ø18
Offset 4mm
3 nylons feet, or offset steel nose piece



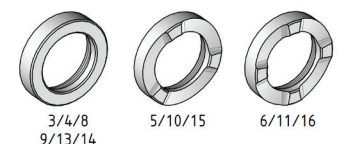
Base 7 : M30 threaded base
With vaccum Ø16 x 13
Internal diameter, Ø26
Nylon or steel nose piece



Tripod : Tripod base Ø50
Offset 16mm

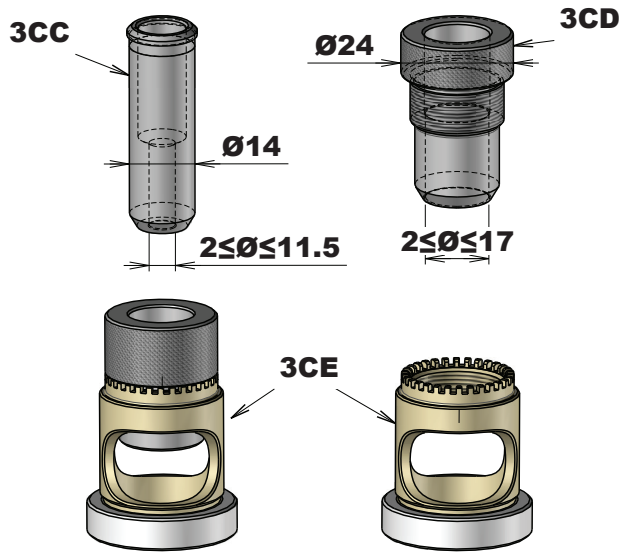


Possible noses: Flat, tripod or quadripod
In Nylon or steel



Bush holder

Steel



Application:

Holder for bush Ø14 and threaded bush. Different kind of base and nose (classic, tripod or quadripode) are available according to your requirement.

Shank:

inch / mm

Tool material:

Adaptor in steel
Body in Nickel-plated steel
Nose in Nylon or Steel

OAL		Base		Item	Item	Item	Item
inch	mm	N°	Ø max	Nylon nose	Steel nose	Tripod nylon nose	Quadripod nylon nose
FOR Ø14 BUSHES 3CC							
1.7717	45	1	24	● 3CE0A001	● 3CE0S001	● 3CE0Y001	● 3CE0Z001
-	-	2	32	● 3CE0A002	● 3CE0S002	● 3CE0Y002	● 3CE0Z002
-	-	3	36	● 3CE0A003	● 3CE0S003	● 3CE0Y003	● 3CE0Z003
-	-	4	27	● 3CE0A004	● 3CE0S004	● 3CE0Y004	● 3CE0Z004
-	-	5	32	● 3CE0A005	● 3CE0S005	● 3CE0Y005	● 3CE0Z005
-	-	Offset	27		● 3CE0S006	● 3CE0Y006	
-	-	7	36	● 3CE0A007	● 3CE0S007	● 3CE0Y007	● 3CE0Z007
-	-	7+rotative ring	36	● 3CE0A037	● 3CE0S037	● 3CE0Y037	● 3CE0Z037
-	-	Tripod	50	● 3CE0A008			
FOR THREADED BUSHES 3CD							
1.1024	28	1	24	● 3CE0A101	● 3CE0S101	● 3CE0Y101	● 3CE0Z101
-	-	2	32	● 3CE0A102	● 3CE0S102	● 3CE0Y102	● 3CE0Z102
-	-	3	36	● 3CE0A103	● 3CE0S103	● 3CE0Y103	● 3CE0Z103
-	-	4	27	● 3CE0A104	● 3CE0S104	● 3CE0Y104	● 3CE0Z104
-	-	5	32	● 3CE0A105	● 3CE0S105	● 3CE0Y105	● 3CE0Z105
-	-	Offset	27		● 3CE0S106	● 3CE0Y106	
-	-	7	36	● 3CE0A107	● 3CE0S107	● 3CE0Y107	● 3CE0Z107

● stored products ○ not stored products

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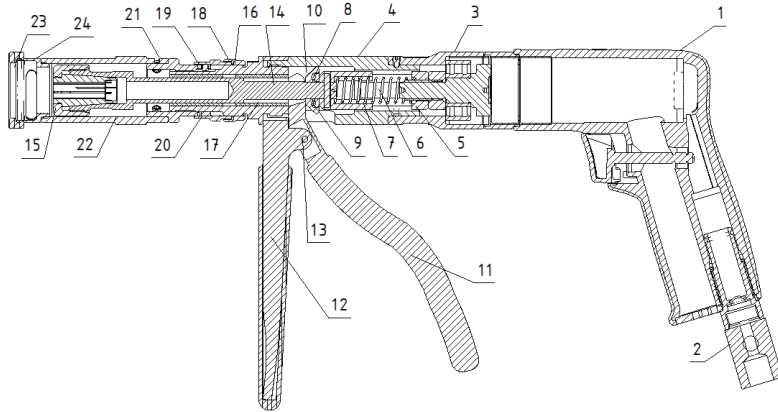
Please, contact us for any request at request@nexam.aero.

Toolings

Back spotfacer machines

3WA	Back spotfacer machine	216
3WB	Extensible collets <i>Steel</i>	218

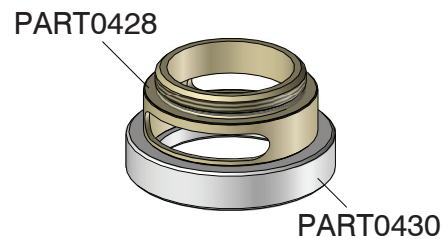
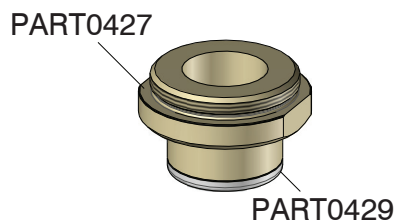
Spare parts for back spotfacer machine 3WA Stroke 15mm



Spare part item	Index	qty	Description
PART0407	1	1	Airflow regulator
PART0406	2	1	Pistol drill DR500-P600
PART0431	2	1	Pistol drill DR500-P400
PART0432	2	1	Pistol drill LBB26
PART0418	3	1	Hexagonal adaptor
PART0417	4	1	Spring Ø19
PART0400	5	1	Fixed housing
PART0402	6	1	Moveable housing
PART0420	7	1	Bearing lock nut
PART0421	8	1	Ball bearing 2
PART0422	9	1	Ball bearing 1
PART0424	10	1	External circlips Ø12
PART0423	11	25	Balls Ø2
PART0405	12	1	Moveable handle
PART0404	13	1	Cylindrical pin
PART0403	14	1	Fixed handle
PART0408	15	2	Bronze ring
PART0409	16	1	Micrometric body
PART0412	17	1	Spring Ø22.5
PART0410	18	1	Lock nut
PART0411	19	1	Wave spring
PART0413	20	1	Knurled vernier
PART0414	21	1	Slotted adaptor
PART0415	22	3	Nipple screw
PART0419	23	1	Hexagonal spindle
3WB0Axxx	24	1	Collet 3WB
PART0425	25	1	Collet lock nut
PART0426	26	1	Bush adaptor
PART0427	27	1	Base 1, Ø20
PART0429	28	1	Nylon nose 1
PART0428	29	1	Base 2, Ø30
PART0430	30	1	Nylon nose 2

Base 1: Tapped base
Internal diameter, Ø12.6
Nylon nose piece

Base 2 : M30 threaded base
Internal diameter, Ø26
Nylon nose piece



Possible nose (see table): Flat, tripod or quadripod
In Nylon or steel



Back spotfacer machine

2/2



Application:

This device allows to control the depth of backcountersink or backspotfacing in difficult access area. To use with our backspotfacer 2GD or backcountersink 2HG, with our pilot 2YB and collet 3WB. Feed handle with 360° orientation, ¼ turn quick mounting base, Adjusting pitch of 0.025mm, Adjustable speed with flow rate controller.

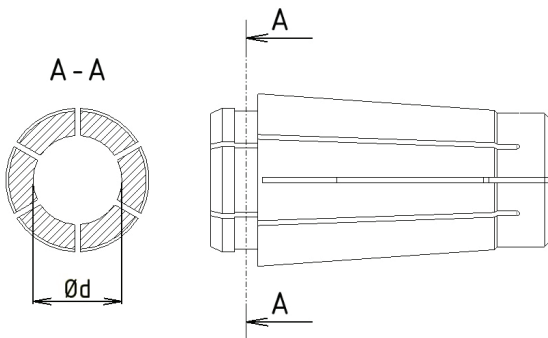
Machine	Model	Speed (rpm)	Power (W)	Weight (kg)	OAL		Stroke		Item
							N°	Ø max	
Desoutter	DR500-P600	600	500	1.7	360	15	1	20	○ 3WA0A001
Desoutter	DR500-P600	600	500	1.7	-	-	2	36	○ 3WA0A002
Desoutter	DR500-P400	400	500	1.7	-	-	1	20	● 3WA0A011
Desoutter	DR500-P400	400	500	1.7	-	-	2	36	● 3WA0A012
Atlas-Copco	LBB26	500	500	1.9	350	-	1	20	● 3WA0A111
Atlas-Copco	LBB26	500	500	1.9	-	-	2	36	● 3WA0A112

● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.

Collets Steel



Application:

Extensible collet for our backspotfacer machine 3WA.

Tool material:

Steel

Nominal Ø d		Clamping diameter				Item
inch	mm	inch mini	inch maxi	mm mini	mm maxi	
.0787	2	.0689	→ .0787	1.75	→ 2	● 3WB0A020
.0886	2.25	.0791	→ .0886	2.01	→ 2.25	● 3WB0A022
.0984	2.5	.089	→ .0984	2.26	→ 2.5	● 3WB0A025
.1083	2.75	.0988	→ .1083	2.51	→ 2.75	● 3WB0A027
.1181	3	.1087	→ .1181	2.76	→ 3	● 3WB0A030
.1378	3.5	.1185	→ .1378	3.01	→ 3.5	● 3WB0A035
.1575	4	.1382	→ .1575	3.51	→ 4	● 3WB0A040
.1772	4.5	.1579	→ .1772	4.01	→ 4.5	● 3WB0A045
.1969	5	.1776	→ .1969	4.51	→ 5	● 3WB0A050
.2165	5.5	.1972	→ .2165	5.01	→ 5.5	● 3WB0A055
.2362	6	.2169	→ .2362	5.51	→ 6	● 3WB0A060
.2559	6.5	.2366	→ .2559	6.01	→ 6.5	● 3WB0A065
.2756	7	.2563	→ .2756	6.51	→ 7	● 3WB0A070
.2953	7.5	.276	→ .2953	7.01	→ 7.5	● 3WB0A075
.315	8	.2957	→ .315	7.51	→ 8	● 3WB0A080
.3346	8.5	.3154	→ .3346	8.01	→ 8.5	● 3WB0A085
.3543	9	.335	→ .3543	8.51	→ 9	● 3WB0A090
.374	9.5	.3547	→ .374	9.01	→ 9.5	● 3WB0A095
.3937	10	.3744	→ .3937	9.51	→ 10	● 3WB0A100

● stored products ○ not stored products

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Please, contact us for any request at request@nexam.aero.

Conversion Table

mm / inch

1/4

0,300	-	-	,0118
0,320	-	-	,0126
0,343	-	80	,0135
0,350	-	-	,0138
0,368	-	79	,0145
0,380	-	-	,0150
0,397	2/64	-	,0156
0,400	-	-	,0157
0,406	-	78	,0160
0,420	-	-	,0165
0,450	-	-	,0177
0,457	-	77	,0180
0,480	-	-	,0189
0,500	-	-	,0197
0,508	-	76	,0200
0,520	-	-	,0205
0,533	-	75	,0210
0,550	-	-	,0217
0,572	-	74	,0225
0,580	-	-	,0228
0,600	-	-	,0236
0,610	-	73	,0240
0,620	-	-	,0244
0,635	-	72	,0250
0,650	-	-	,0256
0,660	-	71	,0260
0,680	-	-	,0268
0,700	-	-	,0276
0,711	-	70	,0280
0,720	-	-	,0283
0,742	-	69	,0292
0,750	-	-	,0295
0,780	-	-	,0307
0,787	-	68	,0310
0,794	1/32	-	,0313
0,800	-	-	,0315
0,813	-	67	,0320
0,820	-	-	,0323
0,838	-	66	,0330
0,850	-	-	,0335
0,880	-	-	,0346
0,889	-	65	,0350
0,900	-	-	,0354
0,914	-	64	,0360
0,920	-	-	,0362
0,940	-	63	,0370
0,950	-	-	,0374
0,965	-	62	,0380
0,980	-	-	,0386
0,991	-	61	,0390
1,000	-	-	,0394
1,016	-	60	,0400
1,041	-	59	,0410
1,050	-	-	,0413
1,067	-	58	,0420

mm	fract.	Gauge	dec.
1,092	-	57	,0430
1,100	-	-	,0433
1,150	-	-	,0453
1,181	-	56	,0465
1,191	3/64	-	,0469
1,200	-	-	,0472
1,250	-	-	,0492
1,300	-	-	,0512
1,321	-	55	,0520
1,350	-	-	,0531
1,397	-	54	,0550
1,400	-	-	,0551
1,450	-	-	,0571
1,500	-	-	,0591
1,511	-	53	,0595
1,550	-	-	,0610
1,588	1/16	-	,0625
1,600	-	-	,0630
1,613	-	52	,0635
1,650	-	-	,0650
1,700	-	-	,0669
1,702	-	51	,0670
1,750	-	,0689	
1,778	-	50	,0700
1,800	-	,0709	
1,850	-	,0728	
1,854	-	49	,0730
1,900	-	,0748	
1,930	-	48	,0760
1,950	-	-	,0768
1,984	5/64	-	,0781
1,994	-	47	,0785
2,000	-	-	,0787
2,050	-	-	,0807
2,057	-	46	,0810
2,083	-	45	,0820
2,100	-	-	,0827
2,150	-	-	,0846
2,184	-	44	,0860
2,200	-	-	,0866
2,250	-	-	,0886
2,261	-	43	,0890
2,300	-	-	,0906
2,350	-	-	,0925
2,375	-	42	,0935
2,381	3/32	-	,0937
2,400	-	-	,0945
2,433	-	41	,0958
2,450	-	-	,0965
2,489	-	40	,0980
2,500	-	-	,0984
2,527	-	39	,0995
2,550	-	-	,1004
2,578	-	38	,1015

mm	fract.	Gauge	dec.
2,600	-	-	,1024
2,642	-	37	,1040
2,650	-	-	,1043
2,700	-	-	,1063
2,705	-	36	,1065
2,750	-	-	,1083
2,778	7/64	-	,1094
2,794	-	35	,1100
2,800	-	-	,1102
2,819	-	34	,1110
2,850	-	-	,1122
2,870	-	33	,1130
2,900	-	-	,1142
2,946	-	32	,1160
2,950	-	-	,1161
3,000	-	-	,1181
3,048	-	31	,1200
3,100	-	-	,1220
3,175	1/8	-	,1250
3,200	-	-	,1260
3,264	-	30	,1285
3,300	-	-	,1299
3,400	-	-	,1339
3,454	-	29	,1360
3,500	-	-	,1378
3,569	-	28	,1405
3,572	9/64	-	,1406
3,600	-	-	,1417
3,658	-	27	,1440
3,700	-	-	,1457
3,734	-	26	,1470
3,797	-	25	,1495
3,800	-	-	,1496
3,861	-	24	,1520
3,900	-	-	,1535
3,912	-	23	,1540
3,969	5/32	-	,1563
3,988	-	22	,1570
4,000	-	-	,1575
4,039	-	21	,1590
4,089	-	20	,1610
4,100	-	-	,1614
4,200	-	-	,1654
4,216	-	19	,1660
4,300	-	-	,1693
4,305	-	18	,1695
4,366	11/64	-	,1719
4,394	-	17	,1730
4,400	-	-	,1732
4,496	-	16	,1770
4,500	-	-	,1772
4,572	-	15	,1800
4,600	-	-	,1811

Conversion Table

mm / inch

2/4

4.623	-	14	.1820
4.700	-	13	.1850
4.762	3/16	-	.1875
4.800	-	12	.1890
4.851	-	11	.1910
4.900	-	-	.1929
4.915	-	10	.1935
4.978	-	9	.1960
5.000	-	-	.1969
5.055	-	8	.1990
5.100	-	-	.2008
5.105	-	7	.2010
5.159	13/64	-	.2031
5.182	-	6	.2040
5.200	-	-	.2047
5.220	-	5	.2055
5.300	-	-	.2087
5.309	-	4	.2090
5.400	-	-	.2126
5.410	-	3	.2130
5.500	-	-	.2165
5.556	7/32	-	.2187
5.600	-	-	.2205
5.613	-	2	.2210
5.700	-	-	.2244
5.791	-	1	.2280
5.800	-	-	.2283
5.900	-	-	.2323
5.944	-	A	.2340
5.953	15/64	-	.2344
6.000	-	-	.2362
6.045	-	B	.2380
6.100	-	-	.2402
6.147	-	C	.2420
6.200	-	-	.2441
6.248	-	D	.2460
6.300	-	-	.2480
6.350	1/4	E	.2500
6.400	-	-	.2520
6.500	-	-	.2559
6.528	-	F	.2570
6.600	-	-	.2598
6.629	-	G	.2610
6.700	-	-	.2638
6.747	17/64	-	.2656
6.756	-	H	.2660
6.800	-	-	.2677
6.900	-	-	.2717
6.909	-	1	.2720
7.000	-	-	.2756
7.036	-	J	.2770
7.100	-	-	.2795
7.137	-	K	.2810
7.144	9/32	-	.2813
7.200	-	-	.2835

mm	fract.	Gauge	dec.
7.300	-	-	.2874
7.366	-	L	.2900
7.400	-	-	.2913
7.493	-	M	.2950
7.500	-	-	.2953
7.541	19/64	-	.2969
7.600	-	-	.2992
7.671	-	N	.3020
7.700	-	-	.3031
7.800	-	-	.3071
7.900	-	-	.3110
7.938	5/16	-	.3125
8.000	-	-	.3150
8.026	-	O	.3160
8.100	-	-	.3189
8.200	-	-	.3228
8.204	-	P	.3230
8.300	-	-	.3268
8.334	21/64	-	.3281
8.400	-	-	.3307
8.433	-	Q	.3320
8.500	-	-	.3346
8.600	-	-	.3386
8.611	-	R	.3390
8.700	-	-	.3425
8.731	11/32	-	.3437
8.800	-	-	.3465
8.839	-	S	.3480
8.900	-	-	.3504
9.000	-	-	.3543
9.093	-	T	.3580
9.100	-	-	.3583
9.128	23/64	-	.3594
9.200	-	-	.3622
9.300	-	-	.3661
9.347	-	U	.3680
9.400	-	-	.3701
9.500	-	-	.3740
9.525	3/8	-	.3750
9.576	-	V	.3770
9.600	-	-	.3780
9.700	-	-	.3819
9.800	-	-	.3858
9.804	-	W	.3860
9.900	-	-	.3898
9.922	25/64	-	.3906
10.000	-	-	.3937
10.084	-	X	.3970
10.100	-	-	.3976
10.200	-	-	.4016
10.262	-	Y	.4040
10.300	-	-	.4055
10.319	13/32	-	.4063
10.400	-	-	.4094

mm	fract.	Gauge	dec.
10.490	-	Z	.4130
10.500	-	-	.4134
10.600	-	-	.4173
10.700	-	-	.4213
10.716	27/64	-	.4219
10.800	-	-	.4252
10.900	-	-	.4291
11.000	-	-	.4331
11.110	-	-	.4374
11.112	7/16	-	.4375
11.200	-	-	.4409
11.300	-	-	.4449
11.400	-	-	.4488
11.500	-	-	.4528
11.509	29/64	-	.4531
11.600	-	-	.4567
11.700	-	-	.4606
11.800	-	-	.4646
11.900	-	-	.4685
11.906	15/32	-	.4687
12.000	-	-	.4724
12.100	-	-	.4764
12.200	-	-	.4803
12.300	-	-	.4843
12.303	31/64	-	.4844
12.400	-	-	.4882
12.500	-	-	.4921
12.600	-	-	.4961
12.700	1/2	-	.5000
12.800	-	-	.5039
12.900	-	-	.5079
13.000	-	-	.5118
13.097	33/64	-	.5156
13.100	-	-	.5157
13.200	-	-	.5197
13.300	-	-	.5236
13.400	-	-	.5276
13.494	17/32	-	.5313
13.500	-	-	.5315
13.600	-	-	.5354
13.700	-	-	.5394
13.800	-	-	.5433
13.891	35/64	-	.5469
13.900	-	-	.5472
14.000	-	-	.5512
14.100	-	-	.5551
14.200	-	-	.5591
14.288	9/16	-	.5625
14.300	-	-	.5630
14.400	-	-	.5669
14.500	-	-	.5709
14.600	-	-	.5748
14.684	37/64	-	.5781

Conversion Table

mm / inch

14,700	-	-	,5787
14,800	-	-	,5827
14,900	-	-	,5866
15,000	-	-	,5906
15,081	19/32	-	,5937
15,100	-	-	,5945
15,200	-	-	,5984
15,300	-	-	,6024
15,400	-	-	,6063
15,478	39/64	-	,6094
15,500	-	-	,6102
15,600	-	-	,6142
15,700	-	-	,6181
15,800	-	-	,6220
15,875	5/8	-	,6250
15,900	-	-	,6260
16,000	-	-	,6299
16,100	-	-	,6339
16,200	-	-	,6378
16,272	41/64	-	,6406
16,300	-	-	,6417
16,400	-	-	,6457
16,500	-	-	,6496
16,600	-	-	,6535
16,669	21/32	-	,6563
16,700	-	-	,6575
16,800	-	-	,6614
16,900	-	-	,6654
17,000	-	-	,6693
17,066	43/64	-	,6719
17,100	-	-	,6732
17,200	-	-	,6772
17,300	-	-	,6811
17,400	-	-	,6850
17,462	11/16	-	,6875
17,500	-	-	,6890
17,600	-	-	,6929
17,700	-	-	,6969
17,800	-	-	,7008
17,859	45/64	-	,7031
17,900	-	-	,7047
18,000	-	-	,7087
18,100	-	-	,7126
18,200	-	-	,7165
18,256	23/32	-	,7187
18,300	-	-	,7205
18,400	-	-	,7244
18,500	-	-	,7283
18,600	-	-	,7323
18,653	47/64	-	,7344
18,700	-	-	,7362
18,800	-	-	,7402
18,900	-	-	,7441
19,000	-	-	,7480
19,050	3/4	-	,7500

mm	fract.	Gauge	dec.
19,100	-	-	,7520
19,200	-	-	,7559
19,300	-	-	,7598
19,400	-	-	,7638
19,500	-	-	,7677
19,600	-	-	,7717
19,700	-	-	,7756
19,800	-	-	,7795
19,844	25/32	-	,7813
19,900	-	-	,7835
20,000	-	-	,7874
20,100	-	-	,7913
20,200	-	-	,7953
20,241	51/64	-	,7969
20,300	-	-	,7992
20,400	-	-	,8031
20,500	-	-	,8071
20,600	-	-	,8110
20,638	13/16	-	,8125
20,700	-	-	,8150
20,800	-	-	,8189
20,900	-	-	,8228
21,000	-	-	,8268
21,034	53/64	-	,8281
21,100	-	-	,8307
21,200	-	-	,8346
21,300	-	-	,8386
21,400	-	-	,8425
21,431	27/32	-	,8437
21,500	-	-	,8465
21,600	-	-	,8504
21,700	-	-	,8543
21,800	-	-	,8583
21,828	55/64	-	,8594
21,900	-	-	,8622
22,000	-	-	,8661
22,100	-	-	,8701
22,200	-	-	,8740
22,225	7/8	-	,8750
22,300	-	-	,8780
22,400	-	-	,8819
22,500	-	-	,8858
22,600	-	-	,8898
22,622	57/64	-	,8906
22,700	-	-	,8937
22,800	-	-	,8976
22,900	-	-	,9016
23,000	-	-	,9055
23,019	29/32	-	,9063
23,100	-	-	,9094
23,200	-	-	,9134
23,300	-	-	,9173
23,400	-	-	,9213
23,416	59/64	-	,9219

mm	fract.	Gauge	dec.
23,500	-	-	,9252
23,600	-	-	,9291
23,700	-	-	,9331
23,800	-	-	,9370
23,812	15/16	-	,9375
23,900	-	-	,9409
24,000	-	-	,9449
24,100	-	-	,9488
24,200	-	-	,9528
24,209	61/64	-	,9531
24,300	-	-	,9567
24,400	-	-	,9606
24,500	-	-	,9646
24,600	-	-	,9685
24,606	31/32	-	,9687
24,700	-	-	,9724
24,800	-	-	,9764
24,900	-	-	,9803
25,000	-	-	,9843
25,003	63/64	-	,9844
25,250	-	-	,9941
25,400	1	-	1,0000
25,500	-	-	1,0039
25,750	-	-	1,0138
25,797	1 - 1/64	-	1,0156
26,000	-	-	1,0236
26,194	1 - 1/32	-	1,0313
26,250	-	-	1,0335
26,500	-	-	1,0433
26,591	1 - 3/64	-	1,0469
26,750	-	-	1,0531
26,998	1 - 1/16	-	1,0629
27,000	-	-	1,0630
27,250	-	-	1,0728
27,384	1 - 5/64	-	1,0781
27,500	-	-	1,0827
27,750	-	-	1,0925
27,781	1 - 1/32	-	1,0937
28,000	-	-	1,1024
28,178	1 - 7/64	-	1,1094
28,250	-	-	1,1122
28,500	-	-	1,1220
28,575	1 - 1/8	-	1,1250
28,750	-	-	1,1319
28,972	1 - 9/64	-	1,1406
29,000	-	-	1,1417
29,250	-	-	1,1516
29,369	1 - 5/32	-	1,1563
29,500	-	-	1,1614
29,750	-	-	1,1713
29,766	1 - 11/64	-	1,1719
30,000	-	-	1,1811
30,162	1 - 3/16	-	1,1875

Conversion Table

mm / inch

4/4

30,250	-	-	1,1909
30,500	-	-	1,2008
30,559	1 - 13/64	-	1,2031
30,750	-	-	1,2106
30,956	1 - 7/32	-	1,2187
31,000	-	-	1,2205
31,250	-	-	1,2303
31,353	1 - 15/64	-	1,2344
31,500	-	-	1,2402
31,750	1 - 1/4	-	1,2500
32,000	-	-	1,2598
32,147	1 - 17/64	-	1,2656
32,500	-	-	1,2795
32,544	1 - 9/32	-	1,2813
32,941	1 - 19/64	-	1,2969
33,000	-	-	1,2992
33,338	1 - 5/16	-	1,3125
33,500	-	-	1,3189
33,734	1 - 21/64	-	1,3281
34,000	-	-	1,3386
34,131	1 - 11/32	-	1,3437
34,500	-	-	1,3583
34,528	1 - 23/64	-	1,3594
34,925	1 - 3/8	-	1,3750
35,000	-	-	1,3780
35,322	1 - 25/64	-	1,3906
35,500	-	-	1,3976
35,719	1 - 13/32	-	1,4063
36,000	-	-	1,4173
36,116	1 - 27/64	-	1,4219
36,500	-	-	1,4370
36,512	1 - 7/16	-	1,4375
36,909	1 - 29/64	-	1,4531
37,000	-	-	1,4567
37,306	1 - 15/32	-	1,4687
37,500	-	-	1,4764
37,703	1 - 31/64	-	1,4844
38,000	-	-	1,4961
38,100	1 - 1/2	-	1,5000
38,497	1 - 33/64	-	1,5156
38,500	-	-	1,5157
38,894	1 - 17/32	-	1,5313
39,000	-	-	1,5354
39,291	1 - 35/64	-	1,5469
39,500	-	-	1,5551
39,688	1 - 9/16	-	1,5625
40,000	-	-	1,5748
40,084	1 - 37/64	-	1,5781
40,481	1 - 19/32	-	1,5937
40,500	-	-	1,5945
40,878	1 - 39/64	-	1,6094
41,000	-	-	1,6142
41,275	1 - 5/8	-	1,6250
41,500	-	-	1,6339
41,672	1 - 41/64	-	1,6406

mm	fract.	Gauge	dec.
42,000	-	-	1,6535
42,069	1 - 21/32	-	1,6563
42,466	1 - 43/64	-	1,6719
42,500	-	-	1,6732
42,862	1 - 11/16	-	1,6875
43,000	-	-	1,6929
43,259	1 - 45/64	-	1,7031
43,500	-	-	1,7126
43,656	1 - 23/32	-	1,7187
44,000	-	-	1,7323
44,053	1 - 47/64	-	1,7344
44,450	1 - 3/4	-	1,7500
44,500	-	-	1,7520
44,847	1 - 49/64	-	1,7656
45,000	-	-	1,7717
45,244	1 - 25/32	-	1,7813
45,500	-	-	1,7913
45,641	1 - 51/64	-	1,7969
46,000	-	-	1,8110
46,038	1 - 13/16	-	1,8125
46,434	1 - 53/64	-	1,8281
46,500	-	-	1,8307
46,831	1 - 27/32	-	1,8437
47,000	-	-	1,8504
47,228	1 - 55/64	-	1,8594
47,500	-	-	1,8701
47,625	1 - 7/8	-	1,8750
48,000	-	-	1,8898
48,022	1 - 57/64	-	1,8906
48,419	1 - 29/32	-	1,9063
48,500	-	-	1,9094
48,816	1 - 59/64	-	1,9219
49,000	-	-	1,9291
49,212	1 - 15/16	-	1,9375
49,500	-	-	1,9488
49,609	1 - 61/64	-	1,9531
50,000	-	-	1,9685
50,006	1 - 31/32	-	1,9687
50,403	1 - 63/64	-	1,9844
50,500	-	-	1,9882
50,800	2	-	2,0000
51,000	-	-	2,0079
51,594	2 - 1/32	-	2,0313
52,000	-	-	2,0472
52,388	2 - 1/16	-	2,0625
53,000	-	-	2,0866
53,181	2 - 3/32	-	2,0937
53,975	2 - 1/8	-	2,1250
54,000	-	-	2,1260
54,769	2 - 5/32	-	2,1563
55,000	-	-	2,1654
55,562	2 - 3/16	-	2,1875
56,000	-	-	2,2047
56,356	2 - 7/32	-	2,2187

mm	fract.	Gauge	dec.
57,000	-	-	2,2441
57,150	2 - 1/4	-	2,2500
57,944	2 - 9/32	-	2,2813
58,000	-	-	2,2835
58,738	2 - 5/16	-	2,3125
59,000	-	-	2,3228
59,531	2 - 11/32	-	2,3437
60,000	-	-	2,3622
60,325	2 - 3/8	-	2,3750
61,000	-	-	2,4016
61,119	2 - 13/32	-	2,4063
61,912	2 - 7/16	-	2,4375
62,000	-	-	2,4409
62,706	2 - 15/32	-	2,4687
63,000	-	-	2,4803
63,500	2 - 1/2	-	2,5000
64,000	-	-	2,5197
64,294	2 - 17/32	-	2,5313
65,000	-	-	2,5591
65,088	2 - 9/16	-	2,5625
65,881	2 - 19/32	-	2,5937
66,000	-	-	2,5984
66,675	2 - 5/8	-	2,6250
67,000	-	-	2,6378
67,469	2 - 21/32	-	2,6563
68,000	-	-	2,6772
68,262	2 - 11/16	-	2,6875
69,000	-	-	2,7165
69,056	2 - 23/32	-	2,7187
69,850	2 - 3/4	-	2,7500
70,000	-	-	2,7559
70,644	2 - 25/32	-	2,7813
71,000	-	-	2,7953
71,438	2 - 13/16	-	2,8125
72,000	-	-	2,8346
72,231	2 - 27/32	-	2,8437
73,000	-	-	2,8740
73,025	2 - 7/8	-	2,8750
73,819	2 - 29/32	-	2,9063
74,000	-	-	2,9134
74,612	2 - 15/16	-	2,9375
75,000	-	-	2,9528
75,406	2 - 31/32	-	2,9687
76,000	-	-	2,9921
76,200	3	-	3,0000
76,994	3 - 1/32	-	3,0313
77,000	-	-	3,0315
77,788	3 - 1/16	-	3,0625
78,000	-	-	3,0709
78,581	3 - 3/32	-	3,0937
79,000	-	-	3,1102
79,375	3 - 1/8	-	3,1250
80,000	-	-	3,1496

Formulas of conversion Metric / Imperial

Length

Millimeter (mm) & Inch (in)

$$\text{mm} \gg \text{in}$$

$$\text{mm} \times 0,03937 = \text{in}$$

$$\text{in} \gg \text{mm}$$

$$\text{in} \times 25,4 = \text{mm}$$

Meter (m) & Feet (ft)

$$\text{m} \gg \text{ft}$$

$$\text{m} \times 3,2809 = \text{ft}$$

$$\text{ft} \gg \text{m}$$

$$\text{ft} \times 0,30479 = \text{m}$$

Meter (m) & Yard (yd)

$$\text{m} \gg \text{yd}$$

$$\text{m} \times 1,0936 = \text{yd}$$

$$\text{yd} \gg \text{m}$$

$$\text{yd} \times 0,91438 = \text{m}$$

Kilometer (km) & Mile (m)

$$\text{km} \gg \text{m}$$

$$\text{km} \times 0,6214 = \text{m}$$

$$\text{m} \gg \text{km}$$

$$\text{m} \times 1,6093 = \text{km}$$

Kilometer (km) & Nautic mile (nm)

$$\text{km} \gg \text{nm}$$

$$\text{km} \times 0,5399 = \text{nm}$$

$$\text{nm} \gg \text{km}$$

$$\text{nm} \times 1,852 = \text{km}$$

Area

Square centimeter (cm²) & Square inch (in²)

$$\text{cm}^2 \gg \text{in}^2$$

$$\text{cm}^2 \times 0,155 = \text{in}^2$$

$$\text{in}^2 \gg \text{cm}^2$$

$$\text{in}^2 \times 6,4516 = \text{cm}^2$$

Square meter (m²) & Square feet (ft²)

$$\text{m}^2 \gg \text{ft}^2 \text{ (1ft}^2 = 144 \text{ in}^2\text{)}$$

$$\text{m}^2 \times 10,7643 = \text{ft}^2$$

$$\text{ft}^2 \gg \text{m}^2$$

$$\text{ft}^2 \times 0,0929 = \text{m}^2$$

Square meter (m²) & Square yard (yd²)

$$\text{m}^2 \gg \text{yd}^2 \text{ (1 yd}^2 = 9 \text{ ft}^2\text{)}$$

$$\text{m}^2 \times 1,19596 = \text{yd}^2$$

$$\text{yd}^2 \gg \text{m}^2$$

$$\text{yd}^2 \times 0,83601 = \text{m}^2$$

Square meter (m²) & Acre (a)

$$\text{m}^2 \gg \text{a (1 a = 4850 yd}^2\text{)}$$

$$\text{m}^2 \times 0,0002466 = \text{a}$$

$$\text{yd}^2 \gg \text{m}^2$$

$$\text{a} \times 4055,0398 = \text{m}^2$$

Square kilometer (km²) & Square mile (m²)

$$\text{km}^2 \gg \text{m}^2$$

$$\text{km}^2 \times 0,38614 = \text{m}^2$$

$$\text{m}^2 \gg \text{km}^2$$

$$\text{m}^2 \times 2,59 = \text{km}^2$$

Volume

Liter (l) & English measures

l >>> English measures

$$\text{l} \times 35,1951571 = \text{fluid ounce (fl.oz)}$$

$$\text{l} \times 7,0422 = \text{gill (gi)}$$

$$\text{l} \times 1,759757 = \text{pint (pt)}$$

$$\text{l} \times 0,879894 = \text{quart (qt)}$$

$$\text{l} \times 0,219969 = \text{gallon (gal)}$$

$$\text{l} \times 0,109986 = \text{peck (pk)}$$

$$\text{l} \times 0,0274967 = \text{bushel (bu)}$$

$$\text{l} \times 0,00628483 \approx \text{barrel (bbl)}$$

Equivalences

-

$$1 \text{ gill (gi)} = 5 \text{ fluid ounce (fl.oz)}$$

$$4 \text{ gills (gi)} = 1 \text{ pint (pt)}$$

$$2 \text{ pints (pt)} = 1 \text{ quart (qt)}$$

$$4 \text{ quarts (qt)} = 1 \text{ gallon (gal)}$$

$$2 \text{ gallons (gal)} = 1 \text{ peck (pk)}$$

$$4 \text{ pecks (pk)} = 1 \text{ bushel (bu)}$$

$$35 \text{ gallons (gal)} = 1 \text{ barrel (bbl)}$$

English measures >>> l

$$\text{fluid ounce (fl.oz)} \times 0,028413 = \text{l}$$

$$\text{gill (gi)} \times 0,14207 = \text{l}$$

$$\text{pint (pt)} \times 0,56826 = \text{l}$$

$$\text{quart (qt)} \times 1,1365 = \text{l}$$

$$\text{gallon (gal)} \times 4,54609 = \text{l}$$

$$\text{peck (pk)} \times 9,092 = \text{l}$$

$$\text{bushel (bu)} \times 36,368 = \text{l}$$

$$\text{barrel (bbl)} \times 159,11315 \approx \text{l}$$

Liter (l) & American measures

l >>> American measures

$$\text{l} \times 33,814056 = \text{liquid ounce (liq oz)}$$

$$\text{l} \times 8,453514 = \text{gill (gi)}$$

$$\text{l} \times 2,113378 = \text{liquid pint (pt)}$$

$$\text{l} \times 1,056688 = \text{quart (qt)}$$

$$\text{l} \times 0,26417 = \text{US gallon}$$

$$\text{l} \times 0,00629830 \approx \text{barrel (bbl)}$$

Equivalences

-

$$1 \text{ gill (gi)} = 4 \text{ liquid ounce (liq oz)}$$

$$4 \text{ gills (gi)} = 1 \text{ liquid pint (pt)}$$

$$2 \text{ liquid pints (pt)} = 1 \text{ quart (qt)}$$

$$4 \text{ quarts (qt)} = 1 \text{ US gallon (gal)}$$

$$42 \text{ gallons (gal)} = 1 \text{ barrel (bbl)}$$

American measures >>> l

$$\text{liquid ounce (liq oz)} - \text{l} \times 0,0295735 = \text{l}$$

$$\text{gill (gi)} \times 0,118294 = \text{l}$$

$$\text{liquid pint (pt)} \times 0,473176 = \text{l}$$

$$\text{quart (qt)} \times 0,946353 = \text{l}$$

$$\text{US gallon} \times 3,7854 = \text{l}$$

$$\text{barrel (bbl)} \times 158,9868 \approx \text{l}$$

Weight

Kilogram (kg) & Pound (lb)

$$\text{kg} \gg \text{lb}$$

$$\text{kg} \times 2,2046 = \text{lb}$$

$$\text{lb} \gg \text{kg}$$

$$\text{lb} \times 0,453592 = \text{kg}$$

General Sales Conditions

1/2

I. GENERAL CLAUSE.

Except any formal and express derogation made by the seller, all buyer's orders carry off his full and entire consent to the present General Sale's Conditions which prevail over any Sales' Conditions. All particular sale's clauses or conditions aiming to modify the present conditions must not be contrary to the seller's.

II. DOCUMENTS WHICH ARE GOVERNED BY THE TRANSACTION.

The transaction's performance is governed by :

- the General Conditions which apply to the transaction ;
- the concluded contract between seller and buyer, its annexes and all other documents mentioned in the contract having contractual value, for example: the seller's offer).
- the additional clauses signed by the parties.

In the case of contradiction or difference between the transaction's constituent documents, these documents will prevail in the inverse order to how they are listed above. In the case of a clause's or disposition's lapse, nullity or inapplicability, partly or as a whole of one of the contractual documents, the other dispositions of the mentioned documents stay enforce.

III. THE CONTRACT'S FORMATION.

The contract is perfectly valid when, after receiving a written order, the buyer sends off a written acceptance without adding any substantial modifications. If the seller, after formulating a real proposition, fixed a time limit for its acceptance, the contract is perfectly valid once the seller has send off a written acceptance before the time limit expires. Yet, the contract's formation has not taken place if this acceptance is received later than one week after the time limit's expiry.

IV. PACKAGING.

The prices shown in the catalogs' lists are to be understood to refer to the «bare merchandise». The prices mentioned in the real propositions and the contract include the packaging or other necessary means of protection in order to avoid damage to the merchandise under normal transport conditions for the duration and for the stated destination in the contract.

V. DELIVERY DELAYS.

The delays mentioned or agreed upon with the buyer are purely indicative. Partial or delayed deliveries as well can not justify in any case an order's annulation nor commit the seller to his responsibility especially if it is due to any form of damage which can be either actual, potentially indirect or imputable indirect at a delay or due to a default of any kind in the delivery. The transport is entirely the buyer's responsibility but organised by the seller.

VI. THE PRODUCT'S QUANTITY.

The buyer is asked to accept a delivery of 10 % more or less of the quantity demanded.

VII. THE BUYER'S PRODUCT CONTROL.

All our tools and cutting tools are made according the rules of the art. All the controls, tests and or specific inspections asked by the buyer will be at his expense. The buyer has to, within the time limit of 15 days starting from the date of reception, in order to avoid an estoppel, notify the seller precisely. He has to notify the seller in detail and fully explained by letter that acknowledges the letter's reception or by fax, at the condition that the letter is received by the seller, of any reclamation that is possibly due to an eventual shortcoming and of a quality that the buyer finds not acceptable or where he judges that the performances are insufficient. The buyer has the obligation to use all possible means that are in his disposition to certify the alleged shortcomings of the seller's obligations, at the moment of the sold goods reception. The buyer commits himself to return the goods at his own costs and risks to the seller in order that the latter can examine them. The buyer accepts that the goods could be returned at his costs and risks after being examined and eventually remedied by the seller.

VIII. GARANTEE.

All by the seller made products are guaranteed against any kind of shortcomings resulting from a material, fabrication or conception fault mentioned in the conditions below. These products are guaranteed for 12 months per piece and labour starting from an effective, delayed or where it should be the case, an exact delivery date, if the parties expressly mention this form of reception. The shortcoming is only guaranteed where the usage is according and the maintenance normal. The guarantee is excluded :

- if the product was repaired or modified by the buyer or by third parties chosen by him ;
- if it concerns pieces that were made by sub-contractors or seller's suppliers to whom the normal producer or subcontractor guaranty applies ;
- if the defect is the result of the buyer's negligence, or recklessness ;
- if the defect is the result of a force majeure or of an external event ;

Once a guaranteed shortcoming is stated by the buyer, it is up to him to send his reclamation to the seller with a letter that acknowledges the letter's reception within a time limit of 15 days starting from the fault's appearance. This reclamation has to be accompanied by a detailed description of the fault's nature. The seller has to replace all pieces that are recognised to be defective due to the guarantee free of charge and within a certain time limit by his maintenance services.

IX. PRICES.

The prices mentioned in the catalogs or books are indicative, they do not make the seller liable and can vary. The fixed and definite prices are decided at the moment of the order or of a specific contract. These prices can not be subject to any revisions until the delivery and / or the invoice has been received unless there is a specific reference made to a parties common agreement.

X. PAYMENT.

The payment is an essential obligation of the contract.

- The payment's time limit is 30 days and starts from the date of edition of the invoice.
- The payment's currency is the Euro (€).
- The method of payment is either :
 - by an irrevocable documentary letter of credit, which is confirmed by a bank agreed upon by the seller,
 - or by a transfer before the goods' expedition.

The minimum order amount is fixed to 75€ (seventy five euro). The seller must reduce the accounts made by the buyer from the price of the command. On the contrary, the seller can keep it when the buyer annuls the sale, which is not imputable to the seller without any prejudice to other damages and interest. If the buyer is delayed with his payments, the seller can suspend the execution of his proper obligations, until the moment when he receives the outstanding payments, unless the buyer's shortcoming is imputable to the seller's omissions or act. Furthermore the disregard of the payments' time limits results in delay-penalties by the seller. The buyer will have to pay an amount with the normal interest rate being multiplied by 1.5. The disrespect of the present clause's dispositions can result in the contract's annulment in the conditions of clause XVII and the payment of damages and interest.

XI. LAWS AND TAXES.

All taxes, laws and other similar contributions concerning the suppliers' sales like the provisions which are mentioned in this contract, which exist or will be applicable in France on the selling of furniture and services object to this contract, are entirely the seller's responsibility. On the other hand the buyer is responsible for all charges of the same nature that arise applicable in his country, with the exception of customs taxes though (if the price is qualified all rights discharged), including taxes, rights to stamps and registry and other similar contributions applicable in his country, which eventually apply to the present contract.

XII. THE PROPERTY TRANSFERT.

As a substantial and determining condition of the present contract, the seller reserves himself the property of the delivered merchandise just until the entire payment is received. The discharge of bills of exchange or of other claims being an obligation to settle does not constitute a payment in the sense of the present clause. The buyer has to inform immediately the seller, as the goods' owner of a third party's seizure of the delivered merchandise. If the seller's property disappears as a result of a resale or because of any other reason, the debts towards third parties which are provided by the resale are transferred back to the seller, even if no particular convention intervenes. The same situation applies to claims resulting of insurance contracts. If the buyer suspends his payments, he can not dispose of the sold merchandise as his own property. In the case that the buyer does not make the payments following the modalities, which have been agreed upon with the seller, the latter can demand the merchandise's restitution without losing though the other rights, which he holds in relation to the present contract. The goods' recovery does not result in the sales contract's annulment, except if there is a written clause which expresses the contrary. In the case of the goods' recovery by the French company because of non-payment, the foreign company's payment made at an earlier stage can be regarded by the French company as damages of the suffered detriment.

XIII. RISKS TRANSFERT.

Our products are delivered ex works (EXW). As a consequence, the transport is entirely the buyer's responsibility.

XIV. INSURANCE.

The seller does not have to insure the goods if the contract does not foresee this in any clause.

XV. FORCE MAJEURE.

Neither the seller nor the buyer can be held responsible for a possible delay or lack in their obligations' execution, if this delay or lack is the result of a force majeure. A force majeure exists notably in the following situations, if they present certain characteristics of a force majeure, this means if the event was irresistible, unforeseeable, and externally provoked. This non-exhaustive list enumerates some situations which constitute a force majeure: explosions, incidents, destruction of machinery, factories and equipment, natural disasters, acts by governmental authorities (refusing of a licence or cancellation of a licence ...), wars, or any acts of war, flooding, riots, or social conflicts .. The party that faces these circumstances which respond to the above given definition has immediately to inform by telegram, fax or any other written form the other party of this intervention and when these circumstances possibly end. In the case of absence of information, the concerned party can not prevail over, unless in the case of intervening circumstances, which also prevent any communication. Where a force majeure intervenes responding to the above given definition, the time for the contract's execution is prolonged for a period of time corresponding to the event's duration. This does not include any payment of damages and interest or a penalty for the delay. However if the above mentioned circumstances do persist for a period of time of 90 days, each party can annul the contract without any payment of damages and interest.

XVI. UNFORESEEABILITY.

If after the contract's conclusion, any circumstances of any kind, (eventually of an economic, political nature or notably any legislative, technical or statutory changes) which were unforeseeable for the parties when the contract was concluded and which are not under their control, resulting in disturbance of the contract's economic balance between the parties and rendering the contract's execution thereby for one party burdensome, although not impossible, and these circumstances are beyond what would have been reasonably foreseeable during the contract's negotiation, the party suffering from this detriment can demand the contract's revision. The event's occurrence justifying a demand to readapt the contract does not exempt in any case the party from taking advantage to follow its obligations' execution nor results in a postponement of its obligations. The negotiations take place during a maximum period of 2 months starting with the first request addressed by one party to the other, unless there exist a different agreement between the parties. If the parties do not reach an agreement within this period of time, the party which can make use of the present clause can annul the contract without any prejudice to the right of the other party to resort to the dispositions of the present General Conditions clause "Rules of Litigation". The last mentioned dispositions on unforeseeability and hardship exclude the cases of a force majeure.

XVII. ANNULMENT.

The contract is annulled by law, without the need of any judicial formality where there are serious shortcomings by one of the parties concerning essential obligations. The annulment will become effective within fifteen (15) days after the mailing of a registered letter with acknowledgement of the reception of an earlier made formal notice which stayed unfruitful. The essential obligations, which the parties have to fulfil, consist notably of the due payment by the buyer or the merchandise's non-delivery by the seller. In the case of a serious shortcoming to the contract's essential obligations, the sale will be resiliated in good law without prejudice of damages and interest that can be reclaimed. Any tolerance that one party allows the other not to prevail immediately over one of its rights, will not prejudice the party's rights to prevail over them later, except in the case of a contrary convention or stipulation to the present conditions.

XVIII. ATTRIBUTIVE CLAUSE OF JURISDICTION.

All litigation deriving from the present contract or attributable to its interpretation or application, to its termination or to its nullity / invalidity, should be brought to the Tribunal of Commerce of Saint-Etienne, France.

XIX. THE APPLICABLE LAW.

The law of the French Republic applies to the parties' commercial relationship, excluding any other law. The French law is therefore aiming only to respond to the questions which are not settled by the present conditions.

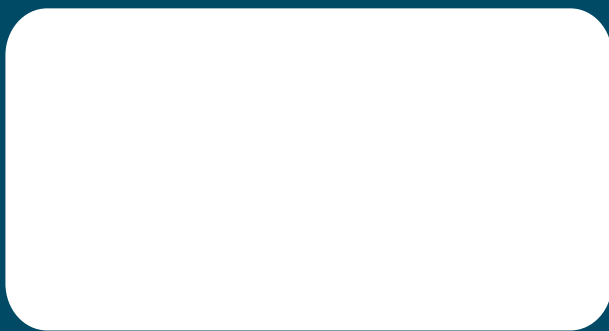
XX. LANGUAGE.

The General Conditions' official language (drafting and interpretation) is French. In case of contradiction of the translation, only the French version will be a basis for an interpretation.

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