

AIRCRAFT
NEXAM[®]
CUTTING TOOLS



CUTTING TOOLS
For aircraft manufacturers
and MRO companies

AIRCRAFT
NEXAM[®]
CUTTING TOOLS

NEXAM
P 200 m à droite
ACCUEIL
Reception
Expédition

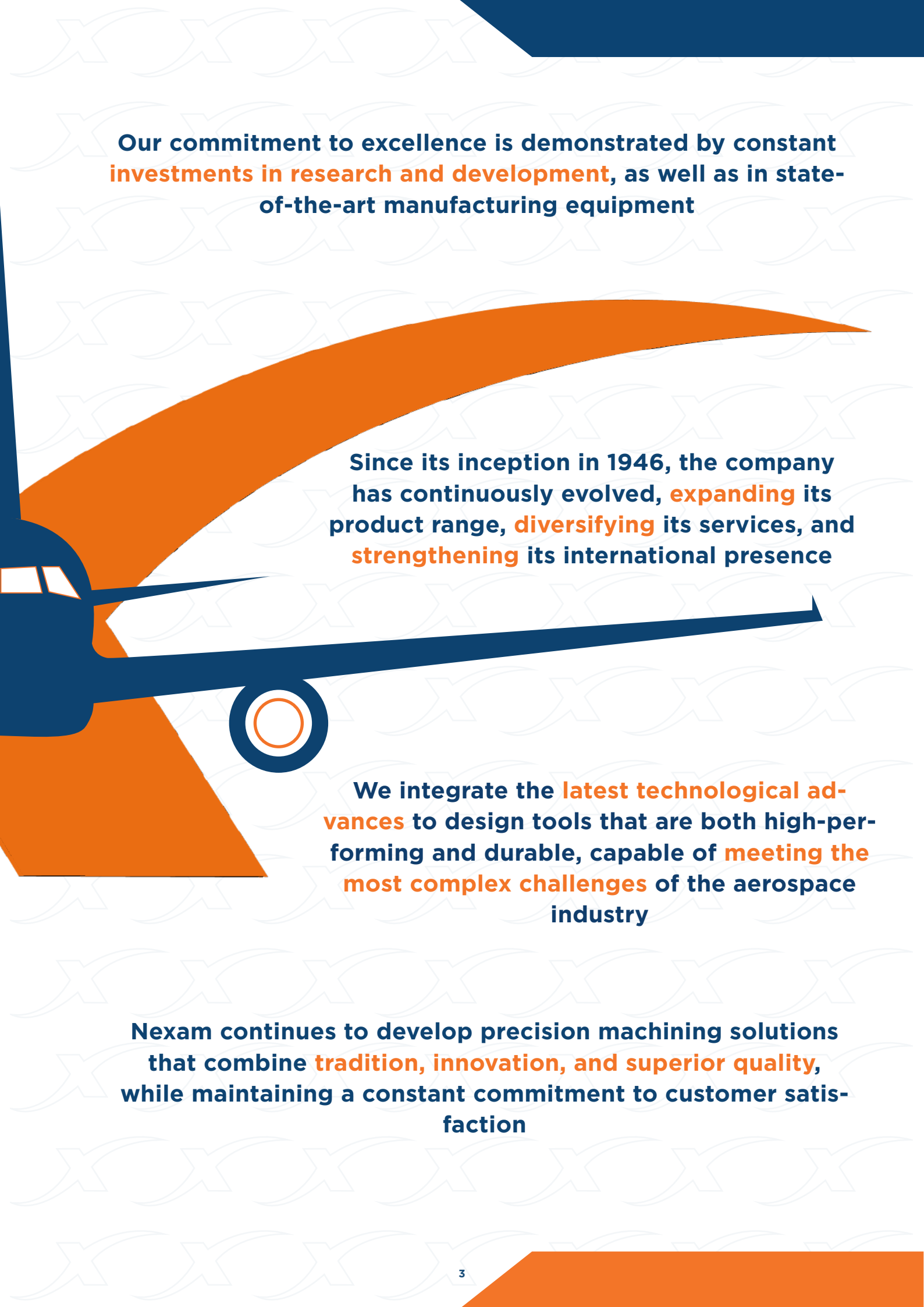
NEXAM

Nexam was born in **2005** from the exceptional know-how of Desgranges Cutting Tools, a company founded in 1946 and **recognized for its expertise** in the manufacture of cutting tools

By creating Nexam, we have merged this **rich experience** with a forward-looking vision to meet the specific needs of the **aerospace industry**.

Thanks to **refined technical expertise** over the years and a deep understanding of the needs of the aerospace sector, we have become a preferred **partner for the world's** leading manufacturers and equipment suppliers

Innovation is embedded in Nexam's **DNA**. By combining **tradition and modernity**, we are committed to pushing technological boundaries to offer ever more efficient solutions to our customers

A stylized graphic of an aircraft in dark blue and orange. The aircraft is shown from a side profile, facing right. It has a long, straight wing and a tail section. The background is white with a repeating pattern of light blue 'X' marks. The aircraft's body and tail are dark blue, while the wing and a large curved shape behind it are orange.

Our commitment to excellence is demonstrated by constant **investments in research and development**, as well as in state-of-the-art manufacturing equipment

Since its inception in 1946, the company has continuously evolved, **expanding** its product range, **diversifying** its services, and **strengthening** its international presence

We integrate the **latest technological advances** to design tools that are both high-performing and durable, capable of **meeting the most complex challenges** of the aerospace industry

Nexam continues to develop precision machining solutions that combine **tradition, innovation, and superior quality**, while maintaining a constant commitment to customer satisfaction

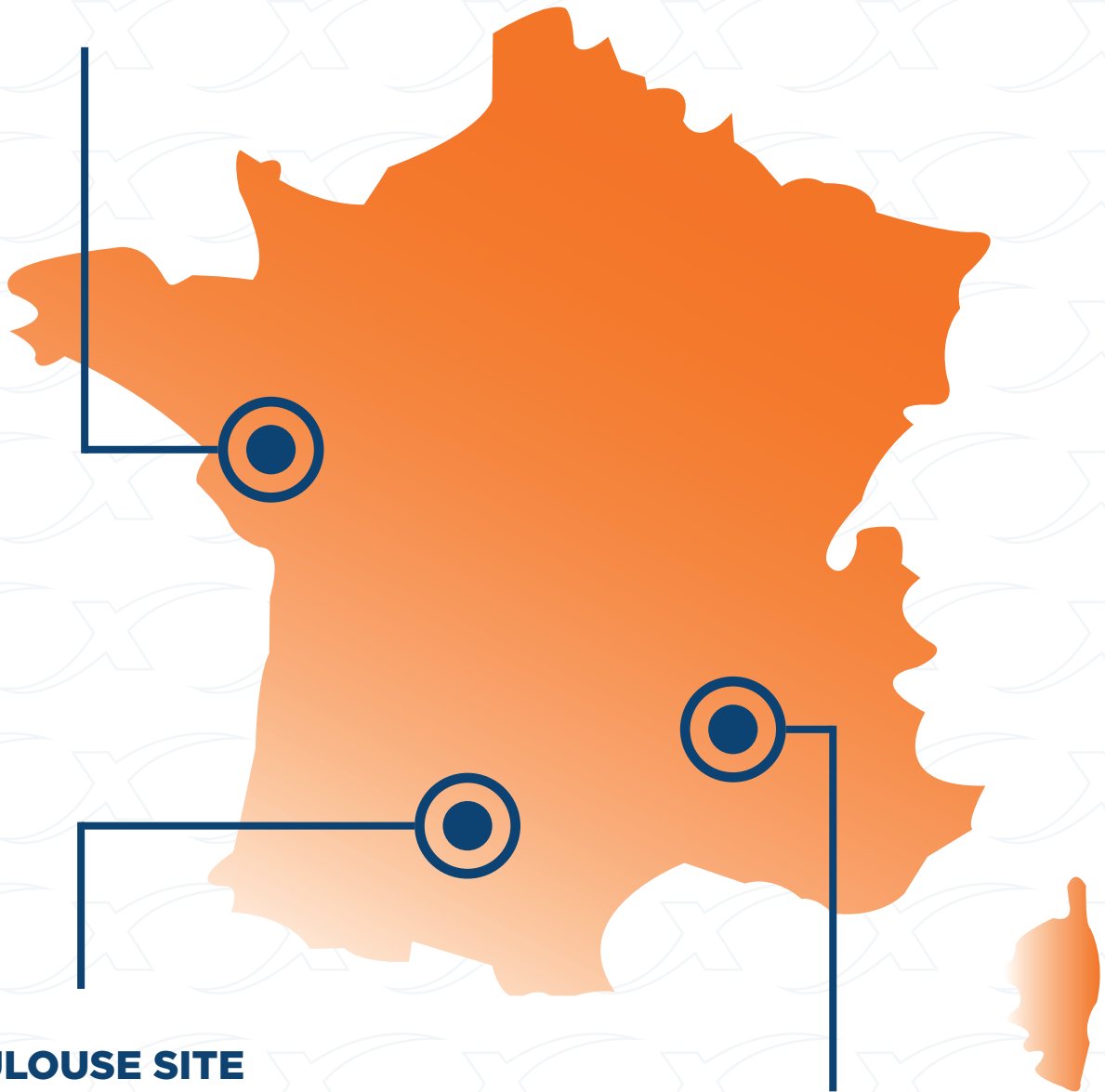


SAINT-NAZAIRE SITE

COMMERCIAL SITE

1, rue Lambarde
44550 Montoir de Bretagne
FRANCE

OUR SITES



TOULOUSE SITE

PRODUCTION SITE

508, rue de la Paix
82170 Grisolles
FRANCE

SAINT-ETIENNE SITE

PRODUCTION SITE

36-38 avenue Jean Martouret
42160 Andrézieux-Bouthéon
FRANCE
Tel : +33 477 552 160
request@nexam.aero

Part number system

Group

1. Machining
2. Assembly
3. Tooling

Type

A
...
Z

Coatings

A : without
C : Al, Cr, N
D : Diamond



Family

A
...
Z

Materials

1. High speed steels
2. High speed steels-PM
3. Carbide tipped
4. Solid carbide
5. Diamond plated
6. PCD tipped and carbide pilot
0. Autres

serial number

ASSEMBLY

Drills	p.9
Drill/countersink combinations	p.36
Deburring tools	p.45
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Counterbores & Back spotfacers	p.74
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TOOLINGS

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Offset angle drill attachment	p.278
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The background is a solid blue color with a repeating pattern of white 'X' marks. Each 'X' is formed by two curved lines that meet at the center, creating a sense of motion or a stylized wave. In the center of the image, there is a large orange graphic element. It consists of a thick, curved line that sweeps across the frame, intersecting with a white circle. The word 'ASSEMBLY' is written in a bold, dark blue, sans-serif font across the center of the white circle.

ASSEMBLY

2AA **DIN338 Jobber drill** p.10
HSS-E 5% Co and solid carbide

2AJ **Carbide Jobber drill** p.18
20° helix - Solid carbide

2AB **Aircraft extension drill 6"** p.22
HSS

2AC **Aircraft extension drill 12"** p.23
HSS

2AD **Drill for offset angle drill 10-32 UNF** p.24
HSS

2AE **Drill for offset angle drill 1/4-28 UNF** p.25
HSS

2AF **Kevlar drill** p.26
Solid carbide

2AG **Drill/reamer ogival tip 3 flutes** p.28
Solid carbide

2AH **Drill/reamer tapered tip 4 flutes** p.30
Solid carbide

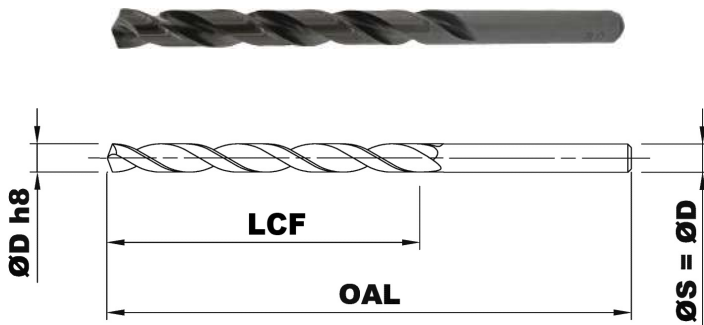
2AL **Double flute step drill** p.34
Solid carbide

2AK **Double flute step drill** p.35
Solid carbide

2AA

DIN338 Jobber drill

HSS Co 5%



Characteristics

- ⌘ For drilling of all materials with a tensile strength lower than 1000N/mm²
- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ HSS Co 5% drill
- ⌘ For Aluminium



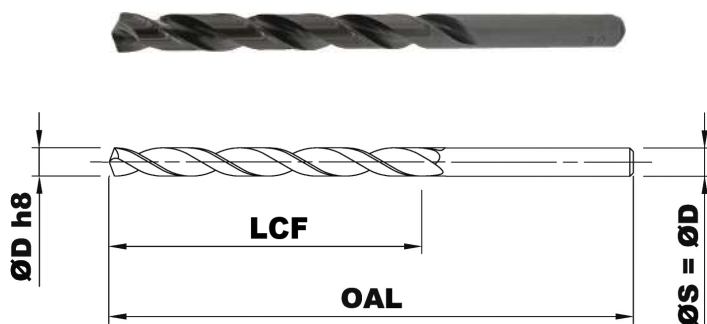
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
2.38	.0938 (3/32)	30	57	2AA1A001
2.4	.0945	30	57	2AA1A002
2.44	.096 (#41)	30	57	2AA1A003
2.49	.098 (#40)	30	57	2AA1A004
2.5	.0984	30	57	2AA1A005
2.53	.0995 (#39)	30	57	2AA1A006
2.58	.1015 (#38)	30	57	2AA1A007
2.6	.1024	30	57	2AA1A008
2.64	.104 (#37)	30	57	2AA1A009
2.71	.1065 (#36)	33	61	2AA1A010
2.78	.1094 (7/64)	33	61	2AA1A011
2.79	.11 (#35)	33	61	2AA1A012
2.8	.1102	33	61	2AA1A013
2.82	.111 (#34)	33	61	2AA1A014
2.87	.113 (#33)	33	61	2AA1A015
2.9	.1142	33	61	2AA1A016
2.95	.116 (#32)	33	61	2AA1A017
3	.1181	33	61	2AA1A018
3.05	.12 (#31)	36	65	2AA1A019
3.1	.122	36	65	2AA1A020
3.17	.125 (1/8)	36	65	2AA1A021
3.2	.126	36	65	2AA1A022
3.26	.1285 (#30)	36	65	2AA1A023
3.3	.1299	36	65	2AA1A024
3.4	.1339	39	70	2AA1A025
3.45	.136 (#29)	39	70	2AA1A026
3.5	.1378	39	70	2AA1A027
3.569	.1405 (#28)	39	70	2AA1A028
3.57	.1406 (9/64)	39	70	2AA1A029
3.6	.1417	39	70	2AA1A030
3.66	.144 (#27)	39	70	2AA1A031

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2AA

DIN338 Jobber drill

HSS Co 5%



Characteristics

- ⌘ For drilling of all materials with a tensile strength lower than 1000N/mm2
- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ HSS Co 5% drill
- ⌘ For Aluminium



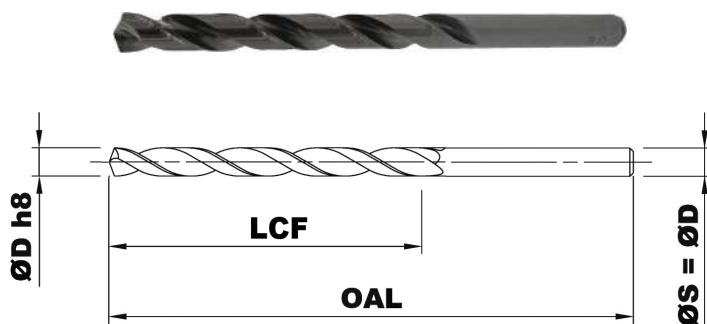
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
3.7	.1457	39	70	2AA1A032
3.73	.147 (#26)	39	70	2AA1A033
3.797	.1495 (#25)	43	75	2AA1A034
3.8	.1496	43	75	2AA1A035
3.86	.152 (#24)	43	75	2AA1A036
3.9	.1535	43	75	2AA1A037
3.91	.154 (#23)	43	75	2AA1A038
3.97	.1563 (5/32)	43	75	2AA1A039
3.99	.157 (#22)	43	75	2AA1A040
4	.1575	43	75	2AA1A041
4.04	.159 (#21)	43	75	2AA1A042
4.09	.161 (#20)	43	75	2AA1A043
4.1	.1614	43	75	2AA1A044
4.2	.1654	43	75	2AA1A045
4.22	.166 (#19)	43	75	2AA1A046
4.3	.1693	47	80	2AA1A047
4.31	.1695 (#18)	47	80	2AA1A048
4.37	.1719 (11/64)	47	80	2AA1A049
4.39	.173 (#17)	47	80	2AA1A050
4.4	.1732	47	80	2AA1A051
4.496	.177 (#16)	47	80	2AA1A052
4.5	.1772	47	80	2AA1A053
4.57	.18 (#15)	47	80	2AA1A054
4.6	.1811	47	80	2AA1A055
4.62	.182 (#14)	47	80	2AA1A056
4.7	.185 (#13)	47	80	2AA1A057
4.76	.1875 (3/16)	52	86	2AA1A058
4.8	.189 (#12)	52	86	2AA1A059
4.85	.191 (#11)	52	86	2AA1A060
4.9	.1929	52	86	2AA1A061
4.92	.1935 (#10)	52	86	2AA1A062

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2AA

DIN338 Jobber drill

HSS Co 5%



Characteristics

- ⌘ For drilling of all materials with a tensile strength lower than 1000N/mm²
- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ HSS Co 5% drill
- ⌘ For Aluminium



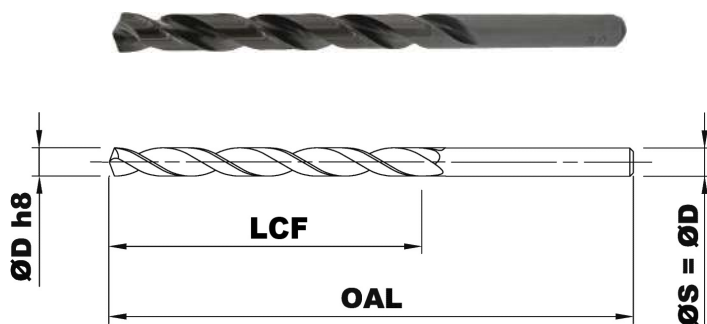
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
4.98	.196 (#9)	52	86	2AA1A063
5	.1969	52	86	2AA1A064
5.06	.199 (#8)	52	86	2AA1A065
5.1	.2008	52	86	2AA1A066
5.11	.201 (#7)	52	86	2AA1A067
5.16	.2031 (13/64)	52	86	2AA1A068
5.18	.204 (#6)	52	86	2AA1A069
5.2	.2047	52	86	2AA1A070
5.22	.2055 (#5)	52	86	2AA1A071
5.3	.2087	52	86	2AA1A072
5.31	.209 (#4)	52	86	2AA1A073
5.4	.2126	57	93	2AA1A074
5.41	.213 (#3)	57	93	2AA1A075
5.5	.2165	57	93	2AA1A076
5.56	.2188 (7/32)	57	93	2AA1A077
5.6	.2205	57	93	2AA1A078
5.61	.221 (#2)	57	93	2AA1A079
5.7	.2244	57	93	2AA1A080
5.79	.228 (#1)	57	93	2AA1A081
5.8	.2283	57	93	2AA1A082
5.9	.2323	57	93	2AA1A083
5.95	.2344 (15/64)	57	93	2AA1A084
6	.2362	57	93	2AA1A085
6.1	.2402	63	101	2AA1A086
6.2	.2441	63	101	2AA1A087
6.3	.248	63	101	2AA1A088
6.35	.25 (1/4)	63	101	2AA1A089
6.4	.252	63	101	2AA1A090
6.5	.2559	63	101	2AA1A091
6.6	.2598	63	101	2AA1A092
6.7	.2638	63	101	2AA1A093

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2AA

DIN338 Jobber drill

HSS Co 5%



Characteristics

- ⌘ For drilling of all materials with a tensile strength lower than 1000N/mm²
- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ HSS Co 5% drill
- ⌘ For Aluminium



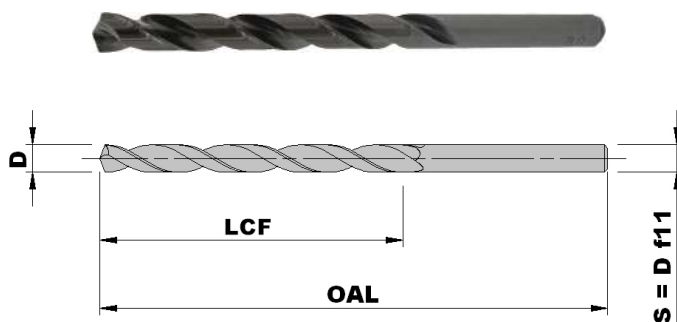
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
6.75	.2656 (17/64)	69	109	2AA1A094
6.8	.2677	69	109	2AA1A095
6.9	.2717	69	109	2AA1A096
7	.2756	69	109	2AA1A097
7.1	.2795	69	109	2AA1A098
7.14	.2813 (9/32)	69	109	2AA1A099
7.2	.2835	69	109	2AA1A100
7.3	.2874	69	109	2AA1A101
7.4	.2913	69	109	2AA1A102
7.5	.2953	69	109	2AA1A103
7.54	.2969 (19/64)	75	117	2AA1A104
7.6	.2992	75	117	2AA1A105
7.7	.3031	75	117	2AA1A106
7.8	.3071	75	117	2AA1A107
7.9	.311	75	117	2AA1A108
7.94	.3125 (5/16)	75	117	2AA1A109
8	.315	75	117	2AA1A110
8.1	.3189	75	117	2AA1A111
8.2	.3228	75	117	2AA1A112
8.3	.3268	75	117	2AA1A113
8.33	.3281 (21/64)	75	117	2AA1A114
8.4	.3307	75	117	2AA1A115
8.5	.3346	75	117	2AA1A116
8.73	.3438 (11/32)	81	125	2AA1A117
9	.3543	81	125	2AA1A118
9.13	.3594 (23/64)	81	125	2AA1A119
9.5	.374	81	125	2AA1A120
9.52	.375 (3/8)	87	133	2AA1A121
9.92	.3906 (25/64)	87	133	2AA1A122
10	.3937	87	133	2AA1A123

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2AA

DIN338 Jobber drill

Solid carbide



Characteristics

- ⌘ For drilling of all materials
- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ Solid carbide drill
- ⌘ For general use



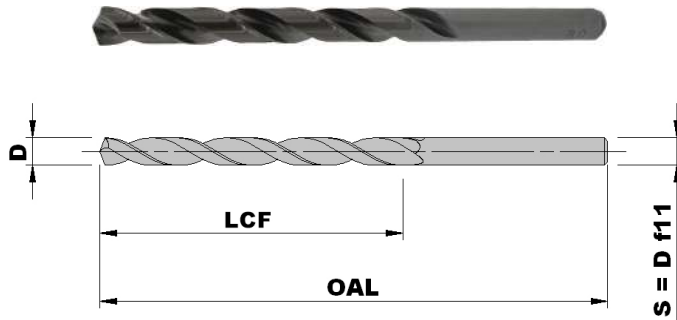
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
1	.0394	12	34	2AA4A001
1.1	.0433	14	36	2AA4A002
1.2	.0472	16	38	2AA4A003
1.3	.0512	16	38	2AA4A004
1.4	.0551	18	40	2AA4A005
1.5	.0591	18	40	2AA4A006
1.6	.063	20	43	2AA4A007
1.7	.0669	20	43	2AA4A008
1.8	.0709	22	46	2AA4A009
1.9	.0748	22	46	2AA4A010
2	.0787	24	49	2AA4A011
2.1	.0827	24	49	2AA4A012
2.2	.0866	27	53	2AA4A013
2.3	.0906	27	53	2AA4A014
2.4	.0945	30	57	2AA4A015
2.5	.0984	30	57	2AA4A016
2.6	.1024	30	57	2AA4A017
2.7	.1063	33	61	2AA4A018
2.8	.1102	33	61	2AA4A020
2.9	.1142	33	61	2AA4A021
3	.1181	33	61	2AA4A022
3.1	.122	36	65	2AA4A023
3.2	.126	36	65	2AA4A024
3.3	.1299	36	65	2AA4A025
3.4	.1339	39	70	2AA4A026
3.5	.1378	39	70	2AA4A027
3.6	.1417	39	70	2AA4A028
3.7	.1457	39	70	2AA4A029
3.8	.1496	43	75	2AA4A030
3.9	.1535	43	75	2AA4A031
4	.1575	43	75	2AA4A032

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2AA

DIN338 Jobber drill

Solid carbide



Characteristics

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- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ Solid carbide drill
- ⌘ For general use



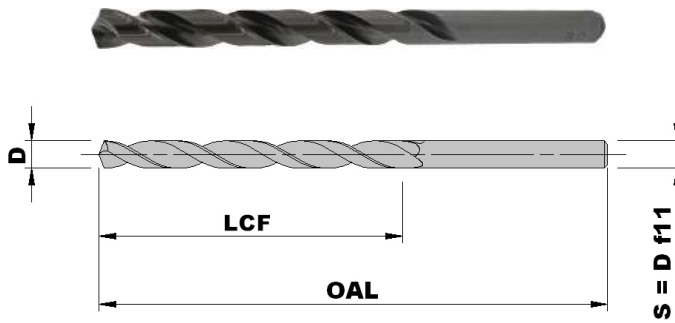
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
4.1	.1614	43	75	2AA4A033
4.2	.1654	43	75	2AA4A034
4.3	.1693	47	80	2AA4A035
4.4	.1732	47	80	2AA4A036
4.5	.1772 (#16)	47	80	2AA4A037
4.6	.1811	47	80	2AA4A038
4.7	.185 (#13)	47	80	2AA4A039
4.8	.189 (#12)	52	86	2AA4A040
4.9	.1929	52	86	2AA4A041
5	.1969	52	86	2AA4A042
5.1	.2008	52	86	2AA4A043
5.2	.2047	52	86	2AA4A044
5.3	.2087	52	86	2AA4A045
5.4	.2126	57	93	2AA4A046
5.5	.2165	57	93	2AA4A047
5.6	.2205	57	93	2AA4A048
5.7	.2244	57	93	2AA4A049
5.8	.2283	57	93	2AA4A050
5.9	.2323	57	93	2AA4A051
6	.2362	57	93	2AA4A052
6.1	.2402	63	101	2AA4A053
6.2	.2441	63	101	2AA4A054
6.3	.248	63	101	2AA4A055
6.4	.252	63	101	2AA4A056
6.5	.2559	63	101	2AA4A057
6.6	.2598	63	101	2AA4A058
6.7	.2638	63	101	2AA4A059
6.8	.2677	69	109	2AA4A060
6.9	.2717	69	109	2AA4A061
7	.2756	69	109	2AA4A062

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2AA

DIN338 Jobber drill

Solid carbide



Characteristics

- ⌘ For drilling of all materials
- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ Solid carbide drill
- ⌘ For general use



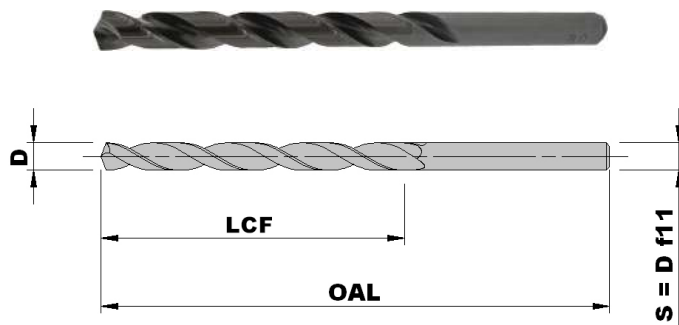
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
7.1	.2795	69	109	2AA4A063
7.2	.2835	69	109	2AA4A064
7.3	.2874	69	109	2AA4A065
7.4	.2913	69	109	2AA4A066
7.5	.2953	69	109	2AA4A067
7.6	.2992	75	117	2AA4A068
7.7	.3031	75	117	2AA4A069
7.8	.3071	75	117	2AA4A070
7.9	.311	75	117	2AA4A071
8	.315	75	117	2AA4A072
8.1	.3189	75	117	2AA4A073
8.2	.3228	75	117	2AA4A074
8.3	.3268	75	117	2AA4A075
8.4	.3307	75	117	2AA4A076
8.5	.3346	75	117	2AA4A077
8.6	.3386	81	125	2AA4A078
8.7	.3425	81	125	2AA4A079
8.8	.3465	81	125	2AA4A080
8.9	.3504	81	125	2AA4A081
9	.3543	81	125	2AA4A082
9.1	.3583	81	125	2AA4A083
9.2	.3622	81	125	2AA4A084
9.3	.3661	81	125	2AA4A085
9.4	.3701	81	125	2AA4A086
9.5	.374	81	125	2AA4A087
9.6	.378	87	133	2AA4A088
9.7	.3819	87	133	2AA4A089
9.8	.3858	87	133	2AA4A090
9.9	.3898	87	133	2AA4A091
10	.3937	87	133	2AA4A092

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2AA

DIN338 Jobber drill

Solid carbide



Characteristics

- ⌘ For drilling of all materials
- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ Solid carbide drill
- ⌘ For general use



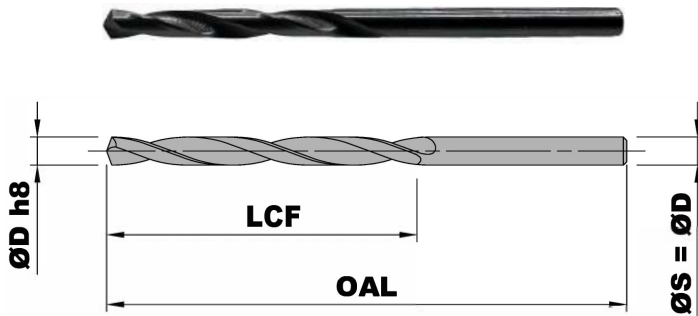
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
10.1	.3976	87	133	2AA4A093
10.2	.4016	87	133	2AA4A094
10.3	.4055	87	133	2AA4A095
10.4	.4094	87	133	2AA4A096
10.5	.4134	87	133	2AA4A097
10.6	.4173	87	133	2AA4A098
10.7	.4213	94	142	2AA4A099
10.8	.4252	94	142	2AA4A100
10.9	.4291	94	142	2AA4A101
11	.4331	94	142	2AA4A102
11.1	.437	94	142	2AA4A103
11.2	.4409	94	142	2AA4A104
11.3	.4449	94	142	2AA4A105
11.4	.4488	94	142	2AA4A106
11.5	.4528	94	142	2AA4A107
11.6	.4567	94	142	2AA4A108
11.7	.4606	94	142	2AA4A109
11.8	.4646	94	142	2AA4A110
11.9	.4685	101	151	2AA4A111
12	.4724	101	151	2AA4A112
12.1	.4764	101	151	2AA4A113
12.2	.4803	101	151	2AA4A114
12.3	.4843	101	151	2AA4A115
12.4	.4882	101	151	2AA4A116
12.5	.4921	101	151	2AA4A117
12.6	.4961	101	151	2AA4A118
12.7	.5 (1/2)	101	151	2AA4A119
12.8	.5039	101	151	2AA4A120
12.9	.5079	101	151	2AA4A121
13	.5118	101	151	2AA4A122

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2AJ

Carbide Jobber Drill

Solid carbide



Characteristics

- ⌘ For drilling of all materials
- ⌘ Drill with a right hand-helix 20°, point angle 118°, from A
- ⌘ Solid carbide drill
- ⌘ For general use
- ⌘ Low helix ideal for manual drilling. Better operator comfort due to reduced tool engagement



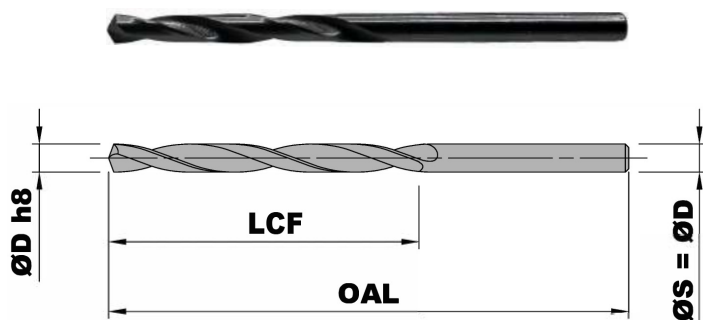
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
1	.0394	2	16	38	2AJ4A001
1.1	.0433	2	19	38	2AJ4A002
1.2	.0472	2	19	38	2AJ4A003
1.3	.0512	2	19	38	2AJ4A004
1.4	.0551	2	19	38	2AJ4A005
1.5	.0591	2	19	38	2AJ4A006
1.6	.063	2	19	38	2AJ4A007
1.7	.0669	2	19	38	2AJ4A008
1.8	.0709	2	22	45	2AJ4A009
1.9	.0748	2	22	45	2AJ4A010
2	.0787	2	22	45	2AJ4A011
2.1	.0827	2	22	45	2AJ4A012
2.2	.0866	2	25	51	2AJ4A013
2.3	.0906	2	25	51	2AJ4A014
2.38	.0938 (3/32)	2	25	51	2AJ4A015
2.4	.0945	2	25	51	2AJ4A016
2.5	.0984	2	25	51	2AJ4A017
2.6	.1024	2	32	57	2AJ4A018
2.7	.1063	2	32	57	2AJ4A019
2.78	.1094 (7/64)	2	32	57	2AJ4A020
2.8	.1102	2	32	57	2AJ4A021
2.9	.1142	2	32	57	2AJ4A022
3	.1181	2	32	57	2AJ4A023
3.1	.122	2	32	57	2AJ4A024
3.18	.125 (1/8)	2	32	57	2AJ4A025
3.2	.126	2	32	57	2AJ4A026
3.3	.1299	2	32	57	2AJ4A027
3.4	.1339	2	35	64	2AJ4A028
3.5	.1378	2	35	64	2AJ4A029
3.57	.1406 (9/64)	2	35	64	2AJ4A030
3.6	.1417	2	35	64	2AJ4A031

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2AJ

Carbide Jobber Drill

Solid carbide



Characteristics

- ⌘ For drilling of all materials
- ⌘ Drill with a right hand-helix 20°, point angle 118°, from A
- ⌘ Solid carbide drill
- ⌘ For general use
- ⌘ Low helix ideal for manual drilling. Better operator comfort due to reduced tool engagement



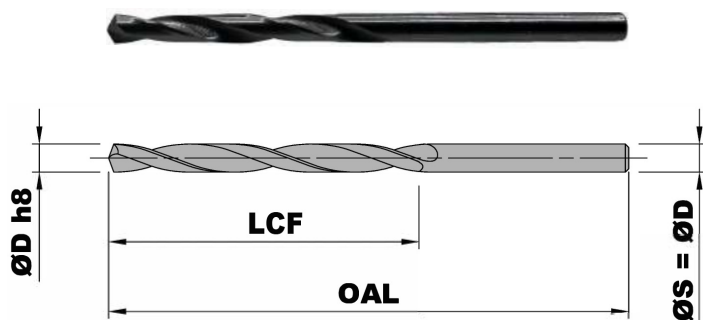
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
3.7	.1457	2	35	64	2AJ4A032
3.8	.1496	2	35	64	2AJ4A033
3.9	.1535	2	35	64	2AJ4A034
3.97	.1563 (5/32)	2	35	64	2AJ4A035
4	.1575	2	35	64	2AJ4A036
4.1	.1614	2	35	64	2AJ4A037
4.2	.1654	2	41	70	2AJ4A038
4.3	.1693	2	41	70	2AJ4A039
4.37	.1719 (11/64)	2	41	70	2AJ4A040
4.4	.1732	2	41	70	2AJ4A041
4.5	.1772	2	41	70	2AJ4A042
4.6	.1811	2	41	70	2AJ4A043
4.7	.185 (#13)	2	41	70	2AJ4A044
4.76	.1875 (3/16)	2	41	70	2AJ4A045
4.8	.189 (#12)	2	41	70	2AJ4A046
4.9	.1929	2	41	70	2AJ4A047
5	.1969	2	45	76	2AJ4A048
5.1	.2008	2	45	76	2AJ4A049
5.2	.2047	2	45	76	2AJ4A050
5.3	.2087	2	45	76	2AJ4A051
5.4	.2126	2	45	76	2AJ4A052
5.5	.2165	2	45	76	2AJ4A053
5.6	.2205	2	45	76	2AJ4A054
5.7	.2244	2	45	76	2AJ4A055
5.8	.2283	2	45	76	2AJ4A056
5.9	.2323	2	51	83	2AJ4A057
6	.2362	2	51	83	2AJ4A058
6.1	.2402	2	51	83	2AJ4A059
6.2	.2441	2	51	83	2AJ4A060
6.3	.248	2	51	83	2AJ4A061
6.35	.25 (1/4)	2	51	83	2AJ4A062

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2AJ

Carbide Jobber Drill

Solid carbide



Characteristics

- ⌘ For drilling of all materials
- ⌘ Drill with a right hand-helix 20°, point angle 118°, from A
- ⌘ Solid carbide drill
- ⌘ For general use
- ⌘ Low helix ideal for manual drilling. Better operator comfort due to reduced tool engagement



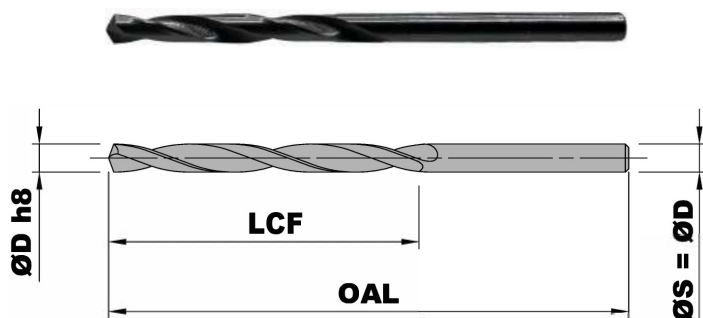
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
6.4	.252	2	51	83	2AJ4A063
6.5	.2559	2	51	83	2AJ4A064
6.6	.2598	2	54	89	2AJ4A065
6.7	.2638	2	54	89	2AJ4A066
6.8	.2677	2	54	89	2AJ4A067
6.9	.2717	2	54	89	2AJ4A068
7	.2756	2	54	89	2AJ4A069
7.1	.2795	2	54	89	2AJ4A070
7.2	.2835	2	54	89	2AJ4A072
7.3	.2874	2	54	89	2AJ4A073
7.4	.2913	2	54	89	2AJ4A074
7.5	.2953	2	60	95	2AJ4A075
7.6	.2992	2	60	95	2AJ4A076
7.7	.3031	2	60	95	2AJ4A077
7.8	.3071	2	60	95	2AJ4A078
7.9	.311	2	60	95	2AJ4A079
7.94	.3125 (5/16)	2	60	95	2AJ4A080
8	.315	2	60	95	2AJ4A081
8.1	.3189	2	60	95	2AJ4A082
8.2	.3228	2	60	95	2AJ4A083
8.3	.3268	2	67	102	2AJ4A084
8.4	.3307	2	67	102	2AJ4A085
8.5	.3346	2	67	102	2AJ4A086
8.6	.3386	2	67	102	2AJ4A087
8.7	.3425	2	67	102	2AJ4A088
8.73	.3438 (11/32)	2	67	102	2AJ4A089
8.8	.3465	2	67	102	2AJ4A090
8.9	.3504	2	67	102	2AJ4A091
9	.3543	2	67	102	2AJ4A092
9.1	.3583	2	67	102	2AJ4A093
9.2	.3622	2	70	108	2AJ4A094

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2AJ

Carbide Jobber Drill

Solid carbide



Characteristics

- ⌘ For drilling of all materials
- ⌘ Drill with a right hand-helix 20°, point angle 118°, from A
- ⌘ Solid carbide drill
- ⌘ For general use
- ⌘ Low helix ideal for manual drilling. Better operator comfort due to reduced tool engagement



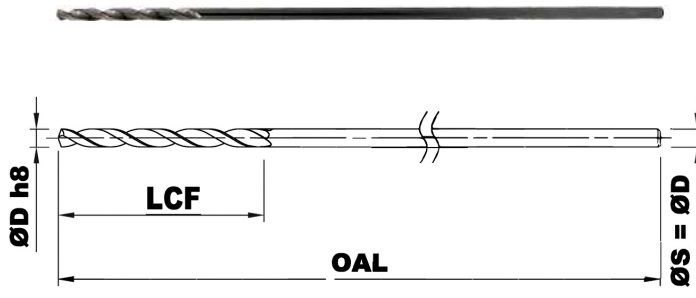
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
9.3	.3661	2	70	108	2AJ4A095
9.4	.3701	2	70	108	2AJ4A096
9.5	.374	2	70	108	2AJ4A097
9.6	.378	2	70	108	2AJ4A098
9.7	.3819	2	73	114	2AJ4A099
9.8	.3858	2	73	114	2AJ4A100
9.9	.3898	2	73	114	2AJ4A101
10	.3937	2	73	114	2AJ4A102
10.1	.3976	2	73	114	2AJ4A103
10.2	.4016	2	73	114	2AJ4A104
10.3	.4055	2	73	114	2AJ4A105
10.4	.4094	2	73	114	2AJ4A106
10.5	.4134	2	73	114	2AJ4A107
10.6	.4173	2	73	114	2AJ4A108
10.7	.4213	2	73	114	2AJ4A109
10.8	.4252	2	73	114	2AJ4A110
10.9	.4291	2	73	114	2AJ4A111
11	.4331	2	73	114	2AJ4A112
11.1	.437	2	73	114	2AJ4A113
11.11	.4375 (7/16)	2	73	114	2AJ4A114
11.2	.4409	2	76	121	2AJ4A115
11.3	.4449	2	76	121	2AJ4A116
11.4	.4488	2	76	121	2AJ4A117
11.5	.4528	2	76	121	2AJ4A118
11.6	.4567	2	76	121	2AJ4A119
11.7	.4606	2	76	121	2AJ4A120
11.8	.4646	2	76	121	2AJ4A121
11.9	.4685	2	76	121	2AJ4A122
11.91	.4688 (15/32)	2	76	121	2AJ4A123
12	.4724	2	76	121	2AJ4A124
12.7	.5 (1/2)	2	76	121	2AJ4A125

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2AB

Aircraft extension drill 6"

HSS



Characteristics

- ⌘ For drilling in hard-to-reach or distant areas
- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ Hss Drill
- ⌘ For Aluminium



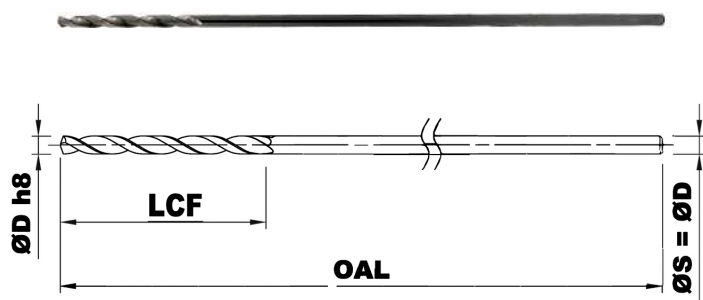
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
2.38	.0938 (3/32)	37	152.4	2AB1A001
2.49	.098 (#40)	37	152.4	2AB1A002
2.5	.0984	37	152.4	2AB1A003
3	.1181	42	152.4	2AB1A004
3.17	.125 (1/8)	42	152.4	2AB1A005
3.2	.126	42	152.4	2AB1A006
3.26	.1285 (#30)	42	152.4	2AB1A007
3.5	.1378	49	152.4	2AB1A008
3.6	.1417	49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

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2AC

Aircraft extension drill 12"

HSS



Characteristics

- ⌘ For drilling in hard-to-reach or distant areas
- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ Hss Drill
- ⌘ For Aluminium



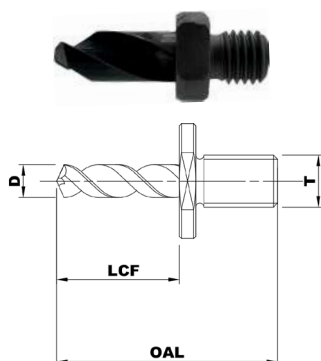
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
2.38	.0938 (3/32)	37	304.8	2AC1A001
2.49	.098 (#40)	37	304.8	2AC1A002
2.5	.0984	37	304.8	2AC1A003
3	.1181	42	304.8	2AC1A004
3.17	.125 (1/8)	42	304.8	2AC1A005
3.2	.126	42	304.8	2AC1A006
3.26	.1285 (#30)	42	304.8	2AC1A007
3.5	.1378	49	304.8	2AC1A008
3.57	.1417 (9/64)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

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2AD

Drill for offset angle drill 10-32 UNF

HSS



Characteristics

- ⌘ Drilling in difficult access area, to use with a 10-32 UNF offset angl
- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ HSS
- ⌘ For Aluminium



ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	T	Item
2	.0787	12	22	10-32 UNF	2AD1A001
2.381	.0938 (3/32)	12	22	10-32 UNF	2AD1A002
2.489	.098 (#40)	12	22	10-32 UNF	2AD1A003
2.5	.0984	12	22	10-32 UNF	2AD1A004
3	.1181	12	22	10-32 UNF	2AD1A005
3.175	.125 (1/8)	12	22	10-32 UNF	2AD1A006
3.2	.126	12	22	10-32 UNF	2AD1A007
3.264	.1285 (#30)	12	22	10-32 UNF	2AD1A008
3.5	.1378	12	22	10-32 UNF	2AD1A009
3.572	.1406 (9/64)	12	22	10-32 UNF	2AD1A010
3.6	.1417	12	22	10-32 UNF	2AD1A011
3.658	.144 (#27)	12	22	10-32 UNF	2AD1A012
3.969	.1563 (5/32)	12	22	10-32 UNF	2AD1A013
4	.1575	12	22	10-32 UNF	2AD1A014
4.039	.159 (#21)	12	22	10-32 UNF	2AD1A015
4.089	.161 (#20)	12	22	10-32 UNF	2AD1A016
4.496	.177 (#16)	12	22	10-32 UNF	2AD1A017
4.699	.185 (#13)	12	22	10-32 UNF	2AD1A018
4.763	.1875 (3/16)	12	22	10-32 UNF	2AD1A019
4.801	.189 (#12)	12	22	10-32 UNF	2AD1A020
4.851	.191 (#11)	12	22	10-32 UNF	2AD1A021
4.915	.1935 (#10)	12	22	10-32 UNF	2AD1A022
5	.1969	12	22	10-32 UNF	2AD1A023
5.055	.199 (#8)	12	22	10-32 UNF	2AD1A024
5.556	.2188 (7/32)	12	22	10-32 UNF	2AD1A025
5.6	.2205	12	22	10-32 UNF	2AD1A026

⌘ Compatible with our 3RA angle heads p.283

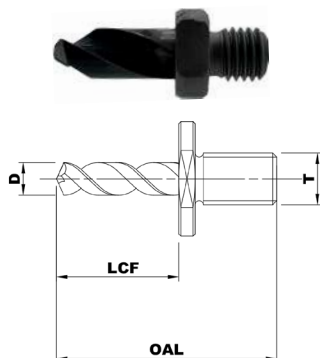


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2AE

Drill for offset angle drill 1/4-28 UNF

HSS



Characteristics

- ⌘ Drilling in difficult access area, to use with a 1/4-28 UNF offset angl
- ⌘ Drill with a right hand-helix 30°, point angle 118°, from A
- ⌘ HSS
- ⌘ For Aluminium



ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	T	Item
2	.0787	12	22	1/4-28 UNF	2AE1A001
2.381	.0938 (3/32)	12	22	1/4-28 UNF	2AE1A002
2.489	.098 (#40)	12	22	1/4-28 UNF	2AE1A003
2.5	.0984	12	22	1/4-28 UNF	2AE1A004
3	.1181	12	22	1/4-28 UNF	2AE1A005
3.175	.125 (1/8)	12	22	1/4-28 UNF	2AE1A006
3.2	.126	12	22	1/4-28 UNF	2AE1A007
3.264	.1285 (#30)	12	22	1/4-28 UNF	2AE1A008
3.5	.1378	12	22	1/4-28 UNF	2AE1A009
3.572	.1406 (9/64)	12	22	1/4-28 UNF	2AE1A010
3.6	.1417	12	22	1/4-28 UNF	2AE1A011
3.658	.144 (#27)	12	22	1/4-28 UNF	2AE1A012
3.969	.1563 (5/32)	12	22	1/4-28 UNF	2AE1A013
4	.1575	12	22	1/4-28 UNF	2AE1A014
4.039	.159 (#21)	12	22	1/4-28 UNF	2AE1A015
4.089	.161 (#20)	12	22	1/4-28 UNF	2AE1A016
4.496	.177 (#16)	12	22	1/4-28 UNF	2AE1A017
4.699	.185 (#13)	12	22	1/4-28 UNF	2AE1A018
4.763	.1875 (3/16)	12	22	1/4-28 UNF	2AE1A019
4.801	.189 (#12)	12	22	1/4-28 UNF	2AE1A020
4.851	.191 (#11)	12	22	1/4-28 UNF	2AE1A021
4.915	.1935 (#10)	12	22	1/4-28 UNF	2AE1A022
5	.1969	12	22	1/4-28 UNF	2AE1A023
5.055	.199 (#8)	12	22	1/4-28 UNF	2AE1A024
5.556	.2188 (7/32)	12	22	1/4-28 UNF	2AE1A025
5.6	.2205	12	22	1/4-28 UNF	2AE1A026

⌘ Compatible with our 3RA angle heads p.283

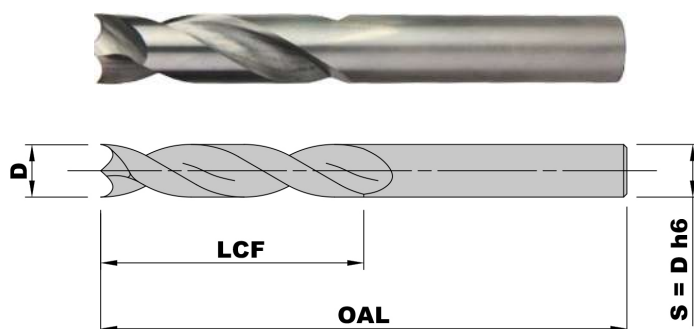


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2AF

Kevlar drill

Solid carbide



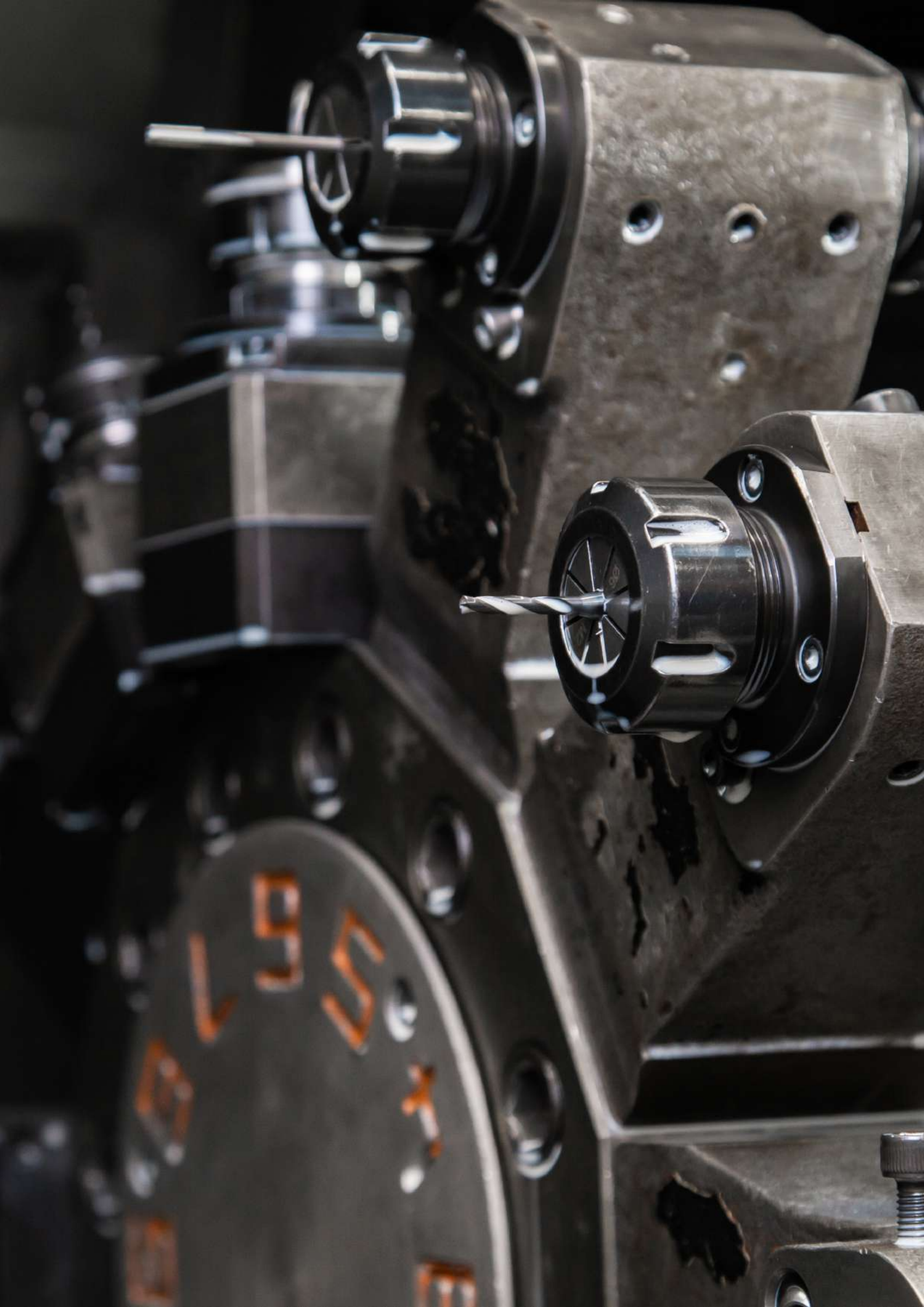
Characteristics

- ⌘ Three-point sharpening" prevents any delamination and uncut fiber
- ⌘ Drill with a right hand-helix 28°, 3 brads point, centering point
- ⌘ Solid carbide drill
- ⌘ For drilling composite materials



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

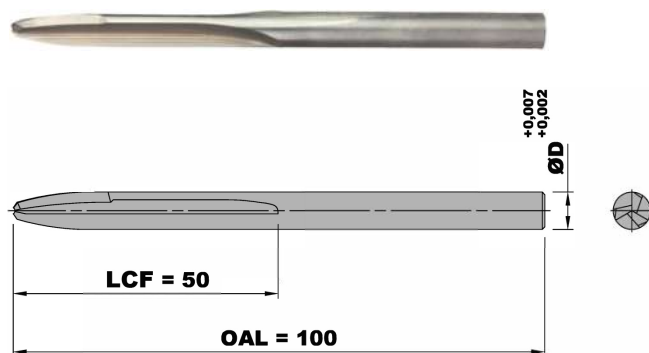
If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero



2AG

Drill/reamer ogival tip 3 flutes

Solid carbide



Characteristics

- ⌘ For high-precision drilling and reaming without delamination
- ⌘ Drill reamer ogival tip 3 flutes
- ⌘ Solid carbide dagger drill
- ⌘ For drilling composite materials and aluminum
- ⌘ Please specify the diameter of the dagger drill



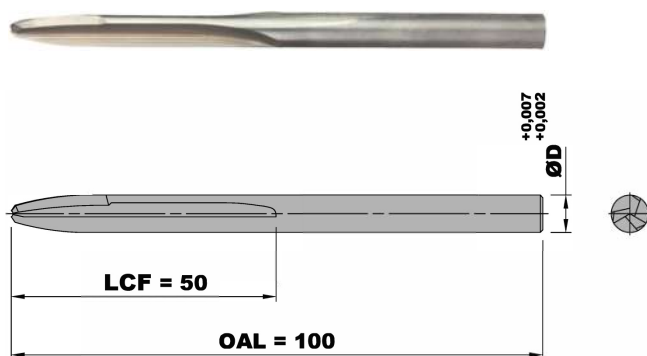
ØD mini (mm)	ØD maxi (mm)	ØD mini (inch)	ØD maxi (inch)	Z	LCF (mm)	OAL (mm)	Item
2.4	3	.0945	.1181	3	50	100	2AG4A001
3.001	3.5	.1181	.1378	3	50	100	2AG4A002
3.501	4	.1378	.1575	3	50	100	2AG4A003
4.001	4.5	.1575	.1772	3	50	100	2AG4A004
4.501	5	.1772	.1969	3	50	100	2AG4A005
5.001	5.5	.1969	.2165	3	50	100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

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2AG

Drill/reamer tapered tip 3 flutes

Solid carbide



Characteristics

- ⌘ For high-precision drilling and reaming without delamination
- ⌘ Drill reamer ogival tip 3 flutes
- ⌘ Solid carbide dagger drill
- ⌘ For drilling composite materials and aluminum



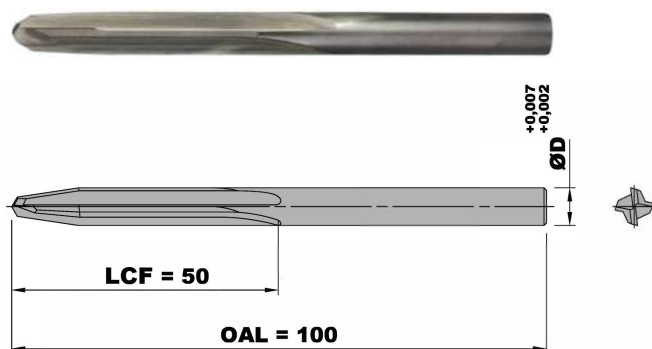
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
2.5	.0984	3	50	100	2AG4A250
3.2	.126	3	50	100	2AG4A320
3.3	.1299	3	50	100	2AG4A330
3.9	.1535	3	50	100	2AG4A390
4	.1575	3	50	100	2AG4A400
4.1	.1614	3	50	100	2AG4A410
4.13	.1626	3	50	100	2AG4A413
4.16	.1638	3	50	100	2AG4A416
4.2	.1654	3	50	100	2AG4A420
4.3	.1693	3	50	100	2AG4A430
4.5	.1772	3	50	100	2AG4A450
4.6	.1811	3	50	100	2AG4A460
4.8	.189 (#12)	3	50	100	2AG4A480
4.815	.1896	3	50	100	2AG4A481
4.82	.1898	3	50	100	2AG4A482
4.94	.1945	3	50	100	2AG4A494
5.1	.2008	3	50	100	2AG4A510
5.2	.2047	3	50	100	2AG4A520
5.6	.2205	3	50	100	2AG4A560
6	.2362	3	50	100	2AG4A600
6.2	.2441	3	50	100	2AG4A620
6.35	.25 (1/4)	3	50	100	2AG4A635
6.5	.2559	3	50	100	2AG4A650

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2AH

Drill/reamer ogival tip 4 flutes

Solid carbide



Characteristics

- ⌘ For high-precision drilling and reaming without delamination
- ⌘ Drill reamer ogival tip 4 flutes
- ⌘ Solid carbide dagger drill
- ⌘ For drilling composite materials
- ⌘ The 4 flutes dagger drill is recommended for drilling thin stacks
- ⌘ Please specify the diameter of the dagger drill



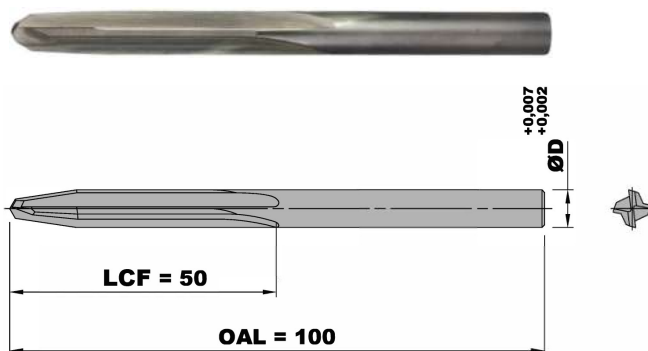
ØD mini (mm)	ØD maxi (mm)	ØD mini (inch)	ØD maxi (inch)	Z	LCF (mm)	OAL (mm)	Item
2.4	3	.0945	.1181	4	50	100	2AH4A001
3.001	3.5	.1181	.1378	4	50	100	2AH4A002
3.501	4	.1378	.1575	4	50	100	2AH4A003
4.001	4.5	.1575	.1772	4	50	100	2AH4A004
4.501	5	.1772	.1969	4	50	100	2AH4A005
5.001	5.5	.1969	.2165	4	50	100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

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2AH

Drill/reamer ogival tip 4 flutes

Solid carbide



Characteristics

- ⌘ For high-precision drilling and reaming without delamination
- ⌘ Drill reamer ogival tip 4 flutes
- ⌘ Solid carbide dagger drill
- ⌘ For drilling composite materials
- ⌘ The 4 flutes dagger drill is recommended for drilling thin stacks



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

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

REAMERS AND USB

USB Effect: A revolutionary advancement for your cutting tools.

The USB effect, a true innovation, gives your tool **autonomous advancement**, optimizing its efficiency and reducing the effort required by the operator.

It is a technology that could be described as **semi-automatic advancement**, ensuring optimal operation without excessive effort.

There is no need to apply additional pressure: the tool advances **consistently**, guaranteeing optimal comfort for the user while **ensuring maximum safety**.



Key Points of USB Technology :

Reduction of Tool Cascades: USB technology optimizes processes, reducing the number of tools needed to perform multiple drilling steps.

Consistent Advancement and Low Burr : The USB geometry limits exit burrs, an essential advantage for achieving clean drilling, even in multi-layer sheets.

Increased Quality : Thanks to consistent advancement, this technology ensures exceptional precision and quality in drilling and reaming operations.

Reduced Effort : It reduces mechanical stress on the TMS, thereby extending its lifespan and optimizing overall performance.

Ideal for Complex Materials : The USB geometry is adaptable for stepped tools, double-flute drills, and reamers to meet your specific needs.

Customization Possible : The USB geometry is adaptable for stepped tools, double-flute drills, and reamers to meet your specific needs.

Performance on Portable Machines : By facilitating advancement in the material, this technology reduces the torque required by the motor, limiting overheating and optimizing energy consumption.

Result : increased preservation of your machine's battery.

Tips for Optimal Results :

Lubrication : Apply a lubricant before each drilling or reaming operation. This will significantly extend the tool's lifespan.

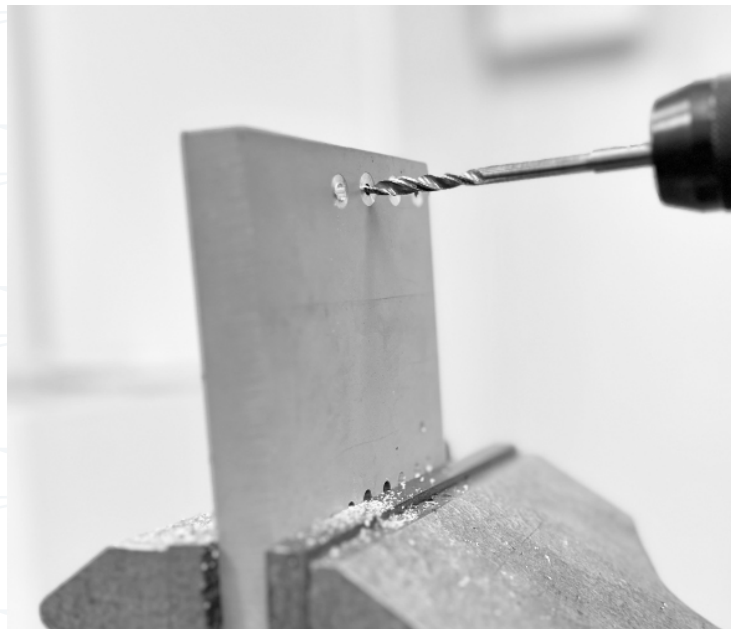
Alignment : Use a drill bushing to ensure perfect alignment between the hole axis and the workpiece surface. (See our drill bushings and stands on page 252)



Controlled Insertion : If the tool has a pilot, insert it at low rotation to avoid chipping.

Steady Progression : Once the tool is in contact with the material, adjust the rotation speed according to the material and diameter, then push moderately along the axis without interruption until the hole is completed.

Safe Removal : Reduce the rotation speed before removing the tool to avoid any damage.



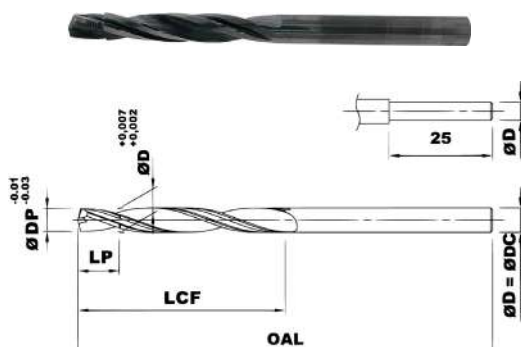
Thanks to the USB effect, **simplify** your operations, **improve** your results, and **maximize** the durability of your equipment.

NEXAM PATENTED TECHNOLOGY

2AK

Double flute step drill

Solid carbide



Characteristics

- ⌘ High accuracy drilling, in metallic and composite stacks assembly
- ⌘ Drill with a right handhelix, right hand cut, geometry for stacks with CFRP entrance
- ⌘ Solid carbide drill
- ⌘ For aluminum, composite materials, titanium
- ⌘ Double flute geometry provides excellent surface finish and high hole precision



ØD (mm)	ØD (inch)	ØDP (mm)	LP (mm)	LCF (mm)	S (mm)	OAL (mm)	Item
4.125	.1624	3.2	10	50	4.125	100	2AK4A201
4.16	.1638	3.2	10	50	4.16	100	2AK4A202
4.78	.1882	4.125	10	50	4.78	100	2AK4A301
4.82	.1898	4.16	10	50	4.82	100	2AK4A302
5.512	.217	4.78	10	50	5.512	100	2AK4A351
5.55	.2185 (7/32)	4.82	10	50	5.55	100	2AK4A352
6.31	.2484	5.51	10	50	6.31	100	2AK4A402
6.32	.2488	4.79	10	50	6.32	100	2AK4A403
6.34	.2496	5.55	10	50	6.34	100	2AK4A404
6.35	.25 (1/4)	5.55	10	50	6.35	100	2AK4A405
7.13	.2807	6.34	10	50	7.13	100	2AK4A421
7.9	.311	6.31	10	50	7.9	100	2AK4A501
7.93	.3122	7.13	10	50	7.93	100	2AK4A502
7.937	.3125 (5/16)	6.35	10	50	6	100	2AK4A503
7.94	.3126	7.13	10	50	7.94	100	2AK4A504
9.49	.3736	7.9	10	50	9.49	100	2AK4A505
9.524	.375 (3/8)	7.935	10	50	6	100	2AK4A506
11.14	.4376 (7/16)	9.525	10	50	6	100	2AK4A507

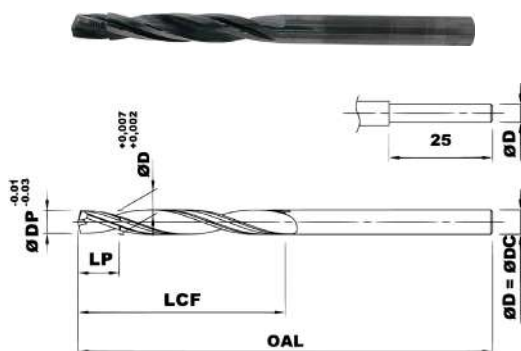
⌘ USB Geometry Option

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2AL

Double flute step drill

Solid carbide



Characteristics

- ⌘ High accuracy drilling, in metallic and composite stacks assembly
- ⌘ Drill with a right hand-helix, right hand cut
- ⌘ Solid carbide drill
- ⌘ For aluminum, composite materials, titanium
- ⌘ Double flute geometry provides excellent surface finish and high hole precision. (For stacks with composite entry, we recommend using 2AK drills)



ØD (mm)	ØD (inch)	ØDP (mm)	LP (mm)	LCF (mm)	S (mm)	OAL (mm)	Item
4.125	.1624	3.2	10	50	4.125	100	2AL4A201
4.16	.1638	3.2	10	50	4.16	100	2AL4A202
4.78	.1882	4.125	10	50	4.78	100	2AL4A301
4.82	.1898	4.16	10	50	4.82	100	2AL4A302
5.512	.217	4.78	10	50	5.512	100	2AL4A351
5.55	.2185 (7/32)	4.82	10	50	5.55	100	2AL4A352
6.31	.2484	5.51	10	50	6.31	100	2AL4A402
6.32	.2488	4.79	10	50	6.32	100	2AL4A403
6.34	.2496	5.55	10	50	6.34	100	2AL4A404
6.35	.25 (1/4)	5.55	10	50	6.35	100	2AL4A405
7.13	.2807	6.34	10	50	7.13	100	2AL4A421
7.9	.311	6.31	10	50	7.9	100	2AL4A501
7.93	.3122	7.13	10	50	7.93	100	2AL4A502
7.937	.3125 (5/16)	6.35	10	50	6	100	2AL4A503
9.524	.375 (3/8)	7.935	10	50	6	100	2AL4A506

⌘ USB Geometry Option

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2BA **DRIVEMATIC® drill/countersink** p.38
HSS-E 8% Co

2BB **M6x100 microstop cages drill/countersink** p.39
HSS-E 8% Co

2BC **1/4-28 UNF microstop cages drill/countersink** p.40
HSS-E 8% Co

2BD **NUTPLATE® drill/countersink** p.41
HSS-E 8% Co and Diamond coated carbide

2BE **SPACEMATIC® drill/countersink** p.43
HSS-E 8% Co

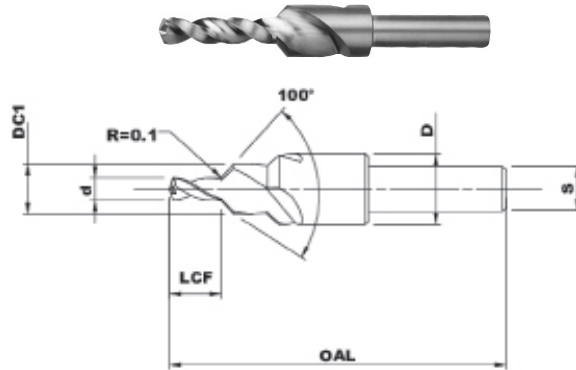
2BF **SPACEMATIC® DCT® drill/countersink** p.44
HSS-E 8% Co



2BA

DRIVEMATIC® drill/countersink

HSS Co 8%



Characteristics

- ⌘ One shot drilling and countersinking on DRIVEMATIC® machines
- ⌘ Right hand-helix 34°, right-hand cut, point angle 135°, form C
- ⌘ HSS Co 8% countersink drill
- ⌘ For aluminum
- ⌘ Special order possible with dual margin



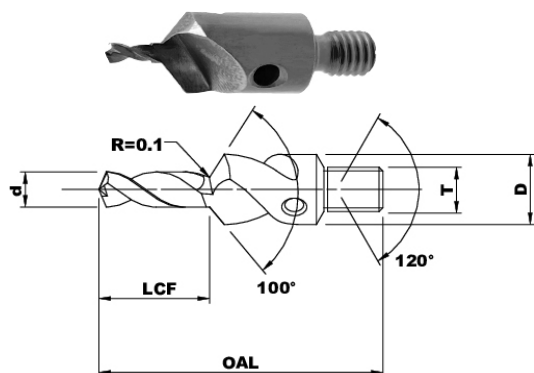
Ød (mm)	Ød (inch)	ØDC1	ØD (mm)	Z	LCF (mm)	S (mm)	a°	OAL (mm)	Item
2.489	.098	6	10	2	7	6.35	100°	44	2BA1A001
2.5	.0984	6	10	2	7	6.35	100°	44	2BA1A002
3	.1181	6	10	2	7	6.35	100°	44	2BA1A003
3.175	.125	6	10	2	7	6.35	100°	44	2BA1A004
3.2	.126	7	10	2	7	6.35	100°	44	2BA1A005
3.264	.1285	7	10	2	7	6.35	100°	44	2BA1A006
3.5	.1378	7	10	2	7	6.35	100°	44	2BA1A007
3.572	.1406	7	10	2	7	6.35	100°	44	2BA1A008
3.6	.1417	8	10	2	12	6.35	100°	44	2BA1A009
3.658	.144	8	10	2	12	6.35	100°	44	2BA1A010
3.969	.1563	8	10	2	12	6.35	100°	44	2BA1A011
4	.1575	10	10	2	12	6.35	100°	44	2BA1A012
4.039	.159	10	10	2	12	6.35	100°	44	2BA1A013
4.089	.161	10	10	2	12	6.35	100°	44	2BA1A014
4.496	.177	10	10	2	12	6.35	100°	44	2BA1A015
4.699	.185	10	10	2	12	6.35	100°	44	2BA1A016
4.763	.1875	10	10	2	12	6.35	100°	44	2BA1A017
4.801	.189	10	10	2	12	6.35	100°	44	2BA1A018
4.851	.191	10	10	2	12	6.35	100°	44	2BA1A019
4.915	.1935	13	13	2	20	6.35	100°	52	2BA1A020
5	.1969	13	13	2	20	6.35	100°	52	2BA1A021
5.055	.199	13	13	2	20	6.35	100°	52	2BA1A022
5.556	.2188	13	13	2	20	6.35	100°	52	2BA1A023
5.6	.2205	13	13	2	20	6.35	100°	52	2BA1A024
6	.2362	13	13	2	20	6.35	100°	52	2BA1A025
6.248	.246	13	13	2	20	6.35	100°	52	2BA1A026
6.35	.25	13	13	2	20	6.35	100°	52	2BA1A027
6.528	.257	13	13	2	20	6.35	100°	52	2BA1A028

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2BB

M6 x 100 microstop cages drill/countersink

HSS Co 8%



Characteristics

- ⌘ One shot drilling and countersinking on M6 x 100 microstop cages
- ⌘ Right hand-helix 34°, right-hand cut, point angle 135°, form C
- ⌘ HSS Co 8% countersink drill
- ⌘ For aluminum
- ⌘ Special order possible with dual margin



Ød (mm)	Ød (inch)	ØD (mm)	Z	LCF (mm)	a°	OAL (mm)	T	Item
2.489	.098	10	2	7	100°	34	M6 x 100	2BB1A001
2.5	.0984	10	2	7	100°	34	M6 x 100	2BB1A002
3	.1181	10	2	7	100°	34	M6 x 100	2BB1A003
3.175	.125	10	2	7	100°	34	M6 x 100	2BB1A004
3.2	.126	10	2	7	100°	34	M6 x 100	2BB1A005
3.264	.1285	10	2	7	100°	34	M6 x 100	2BB1A006
3.5	.1378	10	2	7	100°	34	M6 x 100	2BB1A007
3.572	.1406	10	2	7	100°	34	M6 x 100	2BB1A008
3.6	.1417	10	2	12	100°	34	M6 x 100	2BB1A009
3.658	.144	10	2	12	100°	34	M6 x 100	2BB1A010
3.969	.1563	10	2	12	100°	34	M6 x 100	2BB1A011
4	.1575	10	2	12	100°	34	M6 x 100	2BB1A012
4.039	.159	10	2	12	100°	34	M6 x 100	2BB1A013
4.089	.161	10	2	12	100°	34	M6 x 100	2BB1A014
4.496	.177	10	2	12	100°	34	M6 x 100	2BB1A015
4.699	.185	10	2	12	100°	34	M6 x 100	2BB1A016
4.763	.1875	10	2	12	100°	34	M6 x 100	2BB1A017
4.801	.189	10	2	12	100°	34	M6 x 100	2BB1A018
4.851	.191	10	2	12	100°	34	M6 x 100	2BB1A019
4.915	.1935	13	2	20	100°	42	M6 x 100	2BB1A020
5	.1969	13	2	20	100°	42	M6 x 100	2BB1A021
5.055	.199	13	2	20	100°	42	M6 x 100	2BB1A022
5.556	.2188	13	2	20	100°	42	M6 x 100	2BB1A023
5.6	.2205	13	2	20	100°	42	M6 x 100	2BB1A024
6	.2362	13	2	20	100°	42	M6 x 100	2BB1A025
6.248	.246	13	2	20	100°	42	M6 x 100	2BB1A026
6.35	.25	13	2	20	100°	42	M6 x 100	2BB1A027
6.528	.257	13	2	20	100°	42	M6 x 100	2BB1A028
2.4	.0945	10	2	7	100°	34	M6 x 100	2BB1A029

⌘ Used with our microstop cages 2XA, 2XB, 2XC, 2XE, 2XF p.219

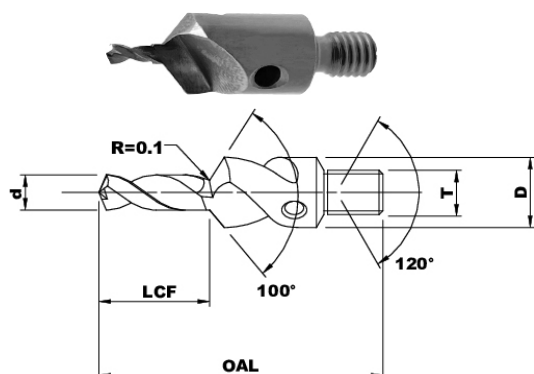


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2BC

1/4-28 UNF microstop cages drill/countersink

HSS Co 8%



Characteristics

- ⌘ One shot drilling and countersinking on 1/4-28 UNF microstop cages
- ⌘ Right hand-helix 34°, right-hand cut, point angle 135°, form C
- ⌘ HSS Co 8% countersink drill
- ⌘ For aluminum
- ⌘ Special order possible with dual margin



Ød (mm)	Ød (inch)	ØD (mm)	LCF (mm)	α°	OAL (mm)	T	Item
2.489	.098	10	7	100°	34	1/4-28 UNF	2BC1A001
2.5	.0984	10	7	100°	34	1/4-28 UNF	2BC1A002
3	.1181	10	7	100°	34	1/4-28 UNF	2BC1A003
3.175	.125	10	7	100°	34	1/4-28 UNF	2BC1A004
3.2	.126	10	7	100°	34	1/4-28 UNF	2BC1A005
3.264	.1285	10	7	100°	34	1/4-28 UNF	2BC1A006
3.5	.1378	10	7	100°	34	1/4-28 UNF	2BC1A007
3.572	.1406	10	7	100°	34	1/4-28 UNF	2BC1A008
3.6	.1417	10	12	100°	34	1/4-28 UNF	2BC1A009
3.658	.144	10	12	100°	34	1/4-28 UNF	2BC1A010
3.969	.1563	10	12	100°	34	1/4-28 UNF	2BC1A011
4	.1575	10	12	100°	34	1/4-28 UNF	2BC1A012
4.039	.159	10	12	100°	34	1/4-28 UNF	2BC1A013
4.089	.161	10	12	100°	34	1/4-28 UNF	2BC1A014
4.496	.177	10	12	100°	34	1/4-28 UNF	2BC1A015
4.699	.185	10	12	100°	34	1/4-28 UNF	2BC1A016
4.763	.1875	10	12	100°	34	1/4-28 UNF	2BC1A017
4.801	.189	10	12	100°	34	1/4-28 UNF	2BC1A018
4.851	.191	10	12	100°	34	1/4-28 UNF	2BC1A019
4.915	.1935	13	20	100°	42	1/4-28 UNF	2BC1A020
5	.1969	13	20	100°	42	1/4-28 UNF	2BC1A021
5.055	.199	13	20	100°	42	1/4-28 UNF	2BC1A022
5.556	.2188	13	20	100°	42	1/4-28 UNF	2BC1A023
5.6	.2205	13	20	100°	42	1/4-28 UNF	2BC1A024
6	.2362	13	20	100°	42	1/4-28 UNF	2BC1A025
6.248	.246	13	20	100°	42	1/4-28 UNF	2BC1A026
6.35	.25	13	20	100°	42	1/4-28 UNF	2BC1A027
6.528	.257	13	20	100°	42	1/4-28 UNF	2BC1A028

⌘ Used with our microstop cages 2XA, 2XB, 2XC, 2XE, 2XF p.219

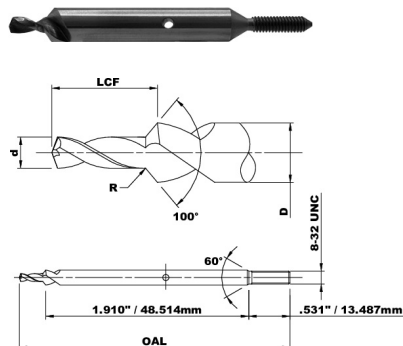


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2BD

NUTPLATE® drill/countersink

HSS Co 8%



Characteristics

- ⌘ Drilling and Countersinking in a Single Operation on NUTPLATE® machine
- ⌘ Right hand-helix 34°, right-hand cut, point angle 135°, form C
- ⌘ HSS Co 8% countersink drill
- ⌘ For aluminum
- ⌘ Special order possible with dual margin



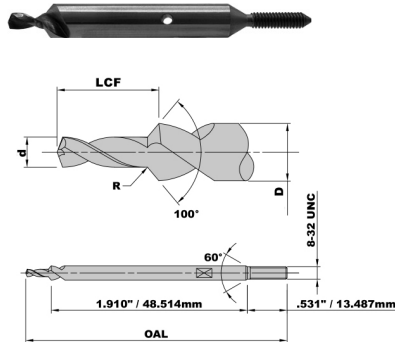
Ød (mm)	Ød (inch)	ØD (mm)	Z	LCF (mm)	a°	OAL (mm)	Item
2.489	.098	4.763	2	7.5	100°	70	2BD1A001
2.5	.0984	4.763	2	7.5	100°	70	2BD1A002
3	.1181	4.763	2	7	100°	69.5	2BD1A003
3.175	.125	4.763	2	7	100°	69.5	2BD1A004
3.2	.126	4.763	2	7.5	100°	70	2BD1A005
3.264	.1285	6.35	2	7	100°	69.5	2BD1A006
3.5	.1378	6.35	2	7	100°	69.5	2BD1A007
3.572	.1406	6.35	2	7	100°	69.5	2BD1A008
3.6	.1417	6.35	2	12	100°	74.5	2BD1A009
3.658	.144	6.35	2	12	100°	74.5	2BD1A010
3.969	.1563	6.35	2	12	100°	74.5	2BD1A011
4	.1575	6.35	2	12	100°	74.5	2BD1A012
4.039	.159	7.938	2	12	100°	74.5	2BD1A013
4.089	.161	7.938	2	12	100°	74.5	2BD1A014
4.496	.177	7.938	2	12	100°	74.5	2BD1A015
4.699	.185	7.938	2	12	100°	74.5	2BD1A016
2.49	.098	4.763	2	10.67	100°	73.2	2BD1A017
3.2	.126	4.763	2	9.7	100°	72.2	2BD1A018
4.1	.1614	8.4	2	10.7	100°	72.3	2BD1A019

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2BD

NUTPLATE® drill/countersink

Diamond coated carbide



Characteristics

- ⌘ Drilling and Countersinking in a Single Operation on NUTPLATE® machine
- ⌘ Right hand-helix 34°, right-hand cut, point angle 135°, form C
- ⌘ Solid carbide countersink drill coated with or without diamond
- ⌘ For composite materials
- ⌘ Special order possible with dual margin



Ød (mm)	Ød (inch)	ØD (mm)	Z	LCF (mm)	a°	OAL (mm)	Item
UNCOATED							
2.49	.098	4.763	2	9	100°	71	2BD4A001
2.5	.0984	4.763	2	7.5	100°	71	2BD4A002

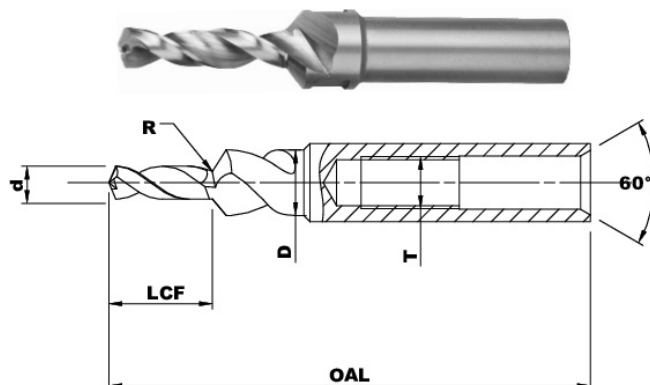
Ød (mm)	Ød (inch)	ØD (mm)	Z	LCF (mm)	a°	OAL (mm)	Item
DIAMOND COATED							
2.49	.098	4.763	2	9	100°	71	2BD4D001
2.5	.0984	4.763	2	7.5	100°	71	2BD4D002

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2BE

SPACEMATIC® drill/countersink

HSS Co 8%



Characteristics

- ⌘ One shot drilling and countersinking on SPACEMATIC® machines
- ⌘ Right hand-helix 34°, right-hand cut, point angle 135°, form C
- ⌘ HSS Co 8% countersink drill
- ⌘ For aluminum
- ⌘ Special order possible with dual margin



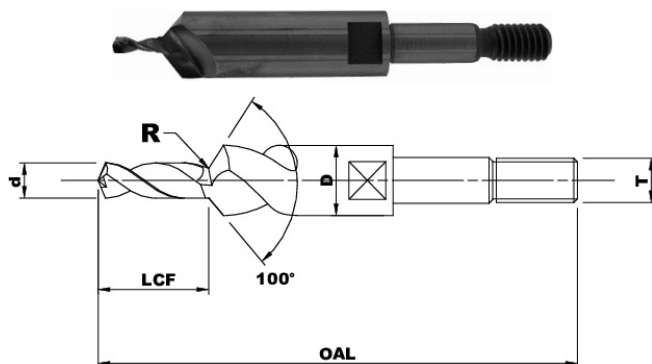
Ød (mm)	Ød (inch)	ØD (mm)	LCF (mm)	a°	OAL (mm)	T	Item
2.489	.098	10	7	100°	63	1/4-28 UNF	2BE1A001
2.5	.0984	10	7	100°	63	1/4-28 UNF	2BE1A002
3	.1181	10	7	100°	63	1/4-28 UNF	2BE1A003
3.175	.125	10	7	100°	63	1/4-28 UNF	2BE1A004
3.2	.126	10	7	100°	63	1/4-28 UNF	2BE1A005
3.264	.1285	10	7	100°	63	1/4-28 UNF	2BE1A006
3.5	.1378	10	7	100°	63	1/4-28 UNF	2BE1A007
3.572	.1406	10	7	100°	63	1/4-28 UNF	2BE1A008
3.6	.1417	10	7	100°	63	1/4-28 UNF	2BE1A009
3.658	.144	10	7	100°	63	1/4-28 UNF	2BE1A010
3.969	.1563	10	7	100°	63	1/4-28 UNF	2BE1A011
4	.1575	10	7	100°	63	1/4-28 UNF	2BE1A012
4.039	.159	10	7	100°	63	1/4-28 UNF	2BE1A013
4.089	.161	10	7	100°	63	1/4-28 UNF	2BE1A014
4.496	.177	10	7	100°	63	1/4-28 UNF	2BE1A015
4.699	.185	10	7	100°	63	1/4-28 UNF	2BE1A016
4.763	.1875	10	7	100°	63	1/4-28 UNF	2BE1A017
4.801	.189	10	7	100°	63	1/4-28 UNF	2BE1A018
4.851	.191	10	7	100°	63	1/4-28 UNF	2BE1A019
4.915	.1935	10	7	100°	63	1/4-28 UNF	2BE1A020
5	.1969	10	7	100°	63	1/4-28 UNF	2BE1A021

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2BF

SPACEMATIC® DCT® drill/countersink

HSS Co 8%



Characteristics

- ⌘ One shot drilling and countersinking on SPACEMATIC® DCT® machines
- ⌘ Right hand-helix 34°, right-hand cut, point angle 135°, form C
- ⌘ HSS Co 8% countersink drill
- ⌘ For aluminum
- ⌘ Special order possible with dual margin



Ød (mm)	Ød (inch)	ØD (mm)	LCF (mm)	α°	OAL (mm)	T	Item
2.489	.098	10	7	100°	65	M6 x 100	2BF1A001
2.5	.0984	10	7	100°	65	M6 x 100	2BF1A002
3	.1181	10	7	100°	65	M6 x 100	2BF1A003
3.175	.125	10	7	100°	65	M6 x 100	2BF1A004
3.2	.126	10	7	100°	65	M6 x 100	2BF1A005
3.264	.1285	10	7	100°	65	M6 x 100	2BF1A006
3.5	.1378	10	7	100°	65	M6 x 100	2BF1A007
3.572	.1406	10	7	100°	65	M6 x 100	2BF1A008
3.6	.1417	10	12	100°	65	M6 x 100	2BF1A009
3.658	.144	10	12	100°	65	M6 x 100	2BF1A010
3.969	.1563	10	12	100°	65	M6 x 100	2BF1A011
4	.1575	10	12	100°	65	M6 x 100	2BF1A012
4.039	.159	10	12	100°	65	M6 x 100	2BF1A013
4.089	.161	10	12	100°	65	M6 x 100	2BF1A014
4.496	.177	10	12	100°	65	M6 x 100	2BF1A015
4.699	.185	10	12	100°	65	M6 x 100	2BF1A016
4.763	.1875	10	12	100°	65	M6 x 100	2BF1A017
4.801	.189	10	12	100°	65	M6 x 100	2BF1A018
4.851	.191	10	12	100°	65	M6 x 100	2BF1A019
4.915	.1935	11.5	20	100°	65	M6 x 100	2BF1A020
5	.1969	11.5	20	100°	65	M6 x 100	2BF1A021
5.055	.199	11.5	20	100°	65	M6 x 100	2BF1A022
5.556	.2188	11.5	20	100°	65	M6 x 100	2BF1A023
5.6	.2205	11.5	20	100°	65	M6 x 100	2BF1A024
6	.2362	11.5	20	100°	65	M6 x 100	2BF1A025
6.248	.246	11.5	20	100°	65	M6 x 100	2BF1A026
6.35	.25	11.5	20	100°	65	M6 x 100	2BF1A027
6.528	.257	11.5	20	100°	65	M6 x 100	2BF1A028

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2CA Zero flute deburring cutter p.46
HSS-E 5% Co - Plain shank

2CC 1 flute deburring cutter p.47
HSS-E 5% Co - Plain shank

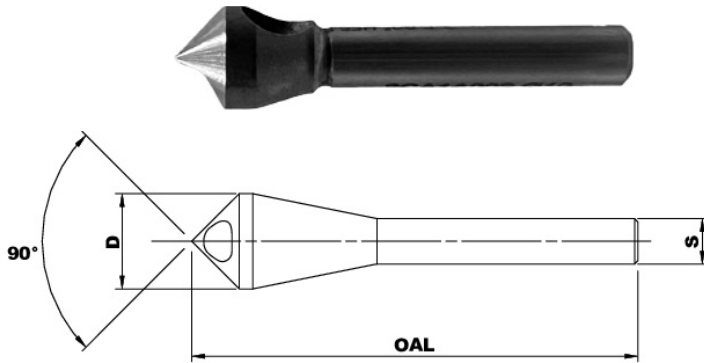
2CD 3 flutes deburring cutter p.49
HSS-E 5%Co and Carbide - Plain shank

2CE 3 flutes deburring cutter p.51
HSS-E 5%Co - 1/4" hexagonal shank

2CA

Zero flute deburring cutter

HSS Co 5%



Characteristics

- ⌘ Deburring cutter for holes
- ⌘ Right-hand cutting milling cutter, 90° sharpening
- ⌘ HSS Co 5% cutter
- ⌘ For aluminum, titanium, steel



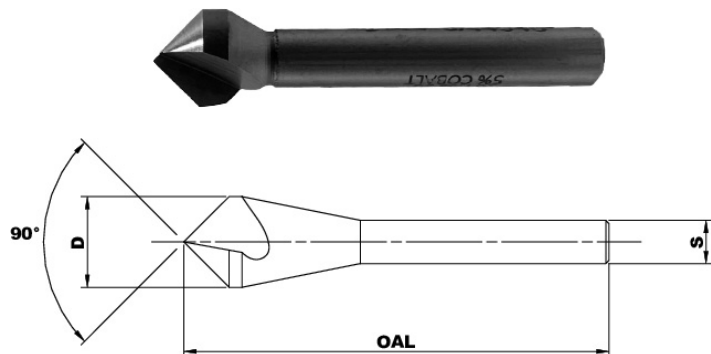
ØD (mm)	ØD (inch)	S (mm)	OAL (mm)	Item
6.35	.25 (1/4)	6.35	45	2CA1A001
10	.3937	6	45	2CA1A002
11.113	.4375 (7/16)	6.35	45	2CA1A003
14.288	.5625 (9/16)	6.35	50	2CA1A004
15	.5906	8	55	2CA1A005
20	.7874	10	65	2CA1A006
20.638	.8125 (13/16)	12.7	66	2CA1A007
25	.9843	12	78	2CA1A008
28	1.1024	12	86	2CA1A009
30	1.1811	12	88	2CA1A010

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2CC

1 flute deburring cutter

HSS Co 5%



Characteristics

- ⌘ Deburring cutter for holes
- ⌘ Right-hand helix milling cutter 20°, 90° sharpening
- ⌘ HSS Co 5% cutter
- ⌘ For aluminum, titanium, steel



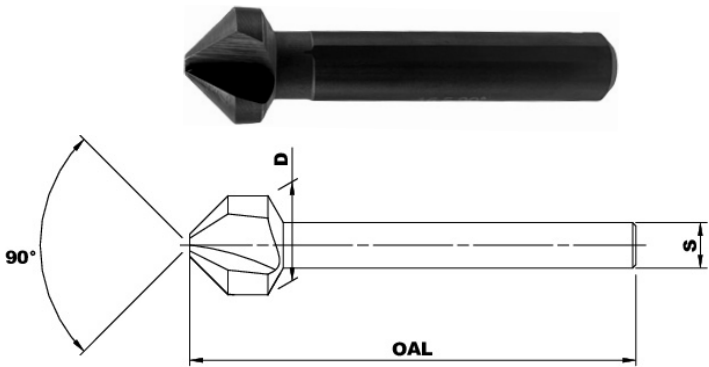
ØD (mm)	ØD (inch)	S (mm)	OAL (mm)	Item
4	.1575	7	40	2CC1A001
5	.1969	5	40	2CC1A002
6	.2362	6	40	2CC1A003
8	.315	6	40	2CC1A004
10	.3937	6	45	2CC1A005
12	.4724	8	50	2CC1A006
15	.5906	8	55	2CC1A007
20	.7874	10	65	2CC1A008
25	.9843	12	78	2CC1A009
30	1.1811	12	88	2CC1A010

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2CD

3 flutes deburring cutter

HSS Co 5%



Characteristics

- ⌘ Cutter for deep hole deburring
- ⌘ Right-hand cutting milling cutter, 90° sharpening
- ⌘ HSS Co 5% cutter
- ⌘ For aluminum, titanium, steel



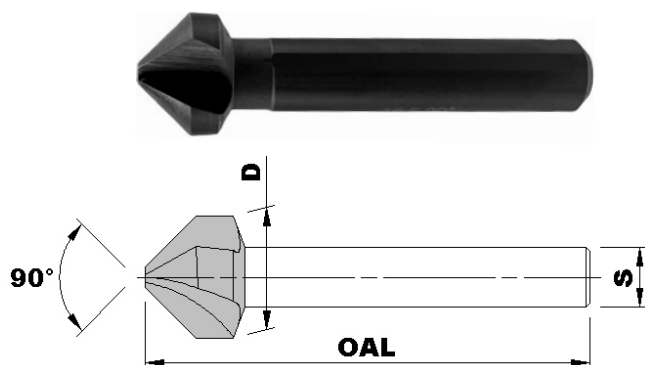
ØD (mm)	ØD (inch)	S (mm)	OAL (mm)	Item
6.3	.248	5	45	2CD1A001
10.4	.4094	6	50	2CD1A002
12.4	.4882	8	56	2CD1A003
16.5	.6496	10	60	2CD1A004
20.5	.8071	10	63	2CD1A005
25	.9843	10	67	2CD1A006
28	1.1024	12	71	2CD1A007

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2CD

3 flutes deburring cutter

Solid carbide



Characteristics

- ⌘ Cutter for deep hole deburring
- ⌘ Right-hand cutting milling cutter, 90° sharpening
- ⌘ Solid carbide cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Shank with 3 flutes for $D \geq 12.4$



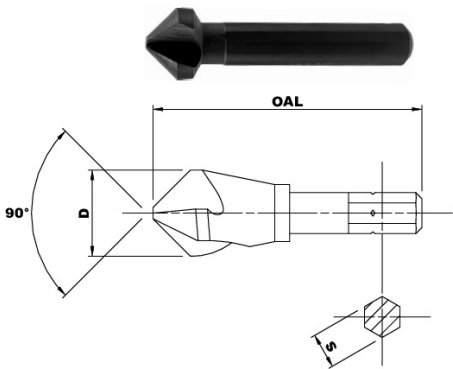
ØD (mm)	ØD (inch)	S (mm)	OAL (mm)	Item
4.3	.1693	4	40	2CD3A001
5.3	.2087	4	40	2CD3A002
6.3	.248	5	45	2CD3A003
8.3	.3268	6	50	2CD3A004
10.4	.4094	6	50	2CD3A005
12.4	.4882	8	56	2CD3A006
16.5	.6496	10	60	2CD3A007
20.5	.8071	10	63	2CD3A008
25	.9843	10	67	2CD3A009
31	1.2205	12	71	2CD3A010

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2CE

3 flutes deburring cutter

HSS Co 5%



Characteristics

- ⌘ Cutter for deep hole deburring
- ⌘ Right-hand cutting milling cutter, 90° sharpening
- ⌘ HSS Co 5% cutter
- ⌘ For aluminum, titanium, steel
- ⌘ 1/4" hex shank allows mounting in a chuck or on a screwdriver bit



ØD (mm)	ØD (inch)	S (mm)	OAL (mm)	Item
6.3	.248	6.35	50	2CE1A001
8.3	.3268	6.35	50	2CE1A002
10.4	.4094	6.35	50	2CE1A003
12.4	.4882	6.35	50	2CE1A004
16.5	.6496	6.35	50	2CE1A005
20.5	.8071	6.35	50	2CE1A006

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2EA Deburring
Solid carbide

p.52

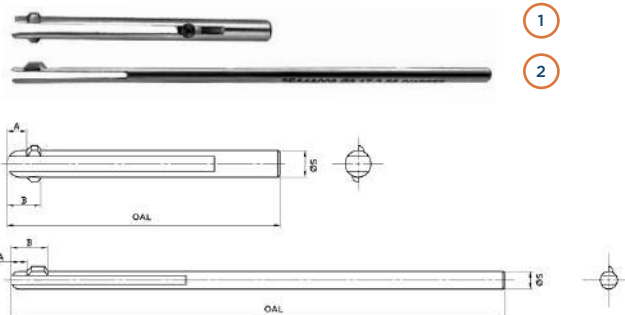
2EB Deburring
HSS

p.53

2EA

Deburring tool

Solid carbide



Characteristics

- Solid Carbide Deburring Tool
- Allows finishing of bore entry and exit in a single pass
- Indexable deburrer
- From 2EA4A010, an adjustment screw allows control of cutting force
- From 2EA4AA014, two cutting edges
- Also used on CNC machines

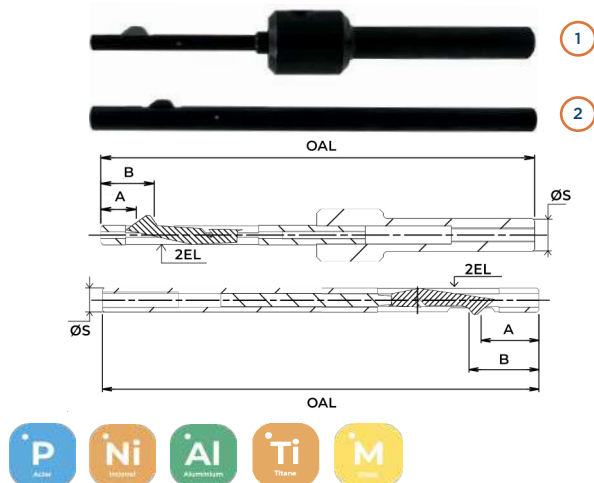
Operating diameter		A	B	S	OAL	ITEM
min	max					
2.36	2.77	2.36	6.35	2.34	101.6	2EA4A006
3.17	3.55	3.3	7.62	3.14	101.6	2EA4A008
3.96	4.36	3.3	7.62	3.93	101.6	2EA4A010
4.74	5.15	3.3	9.39	4.72	101.6	2EA4A012
5.56	5.94	6.35	12.7	5.13	101.6	2EA4A014
6.35	6.75	6.35	12.5	6.32	101.6	2EA4A016
9.52	9.9	8.12	13.97	9.49	112.5	2EA4A024
11.09	11.5	8.89	15.74	11.07	139.7	2EA4A028
12.7	13.06	9.65	17.27	12.26	177.8	2EA4A032

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2EB

Deburring tool

HSS



Characteristics

- Interchangeable HSS Blade Deburring Tool
- Allows finishing of bore entry and exit in a single pass
- Cutting adjustment by 5/64 hex screw
- Also used on CNC machines

2EL :

- Carbide blade and different rake angle available on request
- Replacement deburring blade

Operating diameter		A	B	S	OAL	TYPE	ITEM	ITEM 2EL - LAME
mm	inch							
2,5		6.4	11.4	6	84.6	1	2EB4A025	2EL4A025
3		6.4	11.4	6	84.6	1	2EB4A030	2EL4A030
3,5		6.4	11.4	6	84.6	1	2EB4A035	2EL4A035
4		6.4	11.4	6	84.6	1	2EB4A040	2EL4A040
4,5		11.2	18.3	6	103.4	1	2EB4A045	2EL4A045
5		11.2	18.3	6	103.4	1	2EB4A050	2EL4A050
5,5		14.2	22.1	5.5	114	2	2EB4A055	2EL4A055
6		14.2	22.1	6	114	2	2EB4A060	2EL4A060
7		14.2	22.1	7	114	2	2EB4A070	2EL4A070
8		17.3	24.4	8	114	2	2EB4A080	2EL4A080
	1/8	6.35	11.43	6.35	85.6	1	2EB4A125	2EL4A125
	5/32	6.35	11.43	6.35	85.6	1	2EB4A156	2EL4A156
	3/16	11.18	18.288	6.35	104.65	1	2EB4A187	2EL4A187
	1/4	14.22	22.098	6.35	114.3	2	2EB4A250	2EL4A250
	3/8	17.27	25.4	9.52	127	2	2EB4A375	2EL4A375
	3/32	7.11	11.43	6.35	85.6	2	2EB4A938	2EL4A938

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
Contact us by sending your request via email to request@nexam.aero

2DA Hand reamer
HSS p.56

2DB "Paris style" hand reamer
HSS p.60

2DC "Aircraft" reamer
HSS-E 8%Co and Carbide p.64

2DE Piloted reamer
HSS-E 8%Co and Carbide p.68

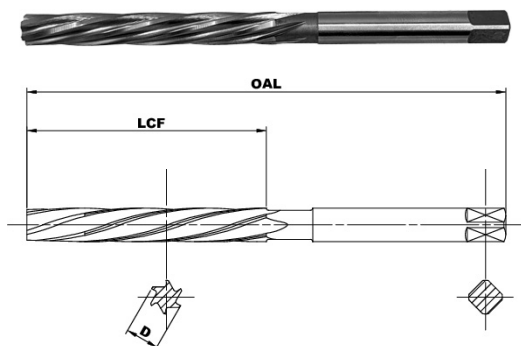
2DD Taper-Lok® hand reamer
HSS-E 8%Co p.72



2DA

Hand reamer

HSS



Characteristics

- ⌘ For manual reaming using a standard left-hand turn
- ⌘ Reamer with left hand spiral 15°, right hand cut, taper lead
- ⌘ Hand reamer HSS
- ⌘ For general use



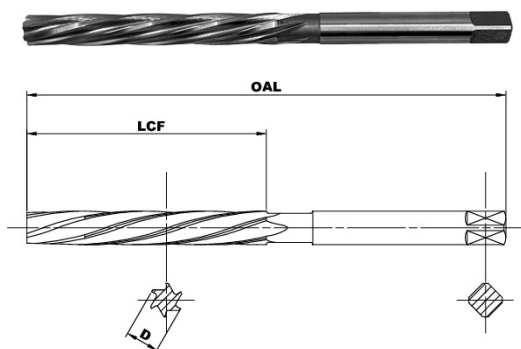
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
2	.0787	4	25	50	2DA1A001
2.2	.0866	4	29	58	2DA1A002
2.381	.0938 (3/32)	4	29	58	2DA1A003
2.5	.0984	4	29	58	2DA1A004
2.778	.1094 (7/64)	4	31	62	2DA1A005
2.8	.1102	4	31	62	2DA1A006
3	.1181	4	31	62	2DA1A007
3.175	.125 (1/8)	4	35	71	2DA1A008
3.2	.126	4	35	71	2DA1A009
3.5	.1378	4	35	71	2DA1A010
3.969	.1563 (5/32)	4	38	76	2DA1A011
4	.1575	4	38	76	2DA1A012
4.366	.1719 (11/64)	4	41	81	2DA1A013
4.5	.1772	4	41	81	2DA1A014
4.763	.1875 (3/16)	6	44	87	2DA1A015
4.8	.189 (#12)	6	44	87	2DA1A016
5	.1969	6	44	87	2DA1A017
5.159	.2031 (13/64)	6	47	93	2DA1A018
5.5	.2165	6	47	93	2DA1A019
5.556	.2188 (7/32)	6	47	93	2DA1A020
5.953	.2344 (15/64)	6	47	93	2DA1A021
6	.2362	6	47	93	2DA1A022
6.35	.25 (1/4)	6	50	100	2DA1A023
6.4	.252	6	50	100	2DA1A024
6.5	.2559	6	50	100	2DA1A025
6.747	.2656 (17/64)	6	54	107	2DA1A026
7	.2756	6	54	107	2DA1A027
7.144	.2813 (9/32)	6	54	107	2DA1A028
7.5	.2953	6	54	107	2DA1A029
7.541	.2969 (19/64)	6	58	115	2DA1A030
7.938	.3125 (5/16)	6	58	115	2DA1A031
8	.315	6	58	115	2DA1A032
8.334	.3281 (21/64)	6	58	115	2DA1A033
8.5	.3346	6	58	115	2DA1A034
8.731	.3438 (11/32)	6	62	124	2DA1A035
9	.3543	6	62	124	2DA1A036
9.128	.3594 (23/64)	6	62	124	2DA1A037

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2DA

Hand reamer

HSS



Characteristics

- ⌘ For manual reaming using a standard left-hand turn
- ⌘ Reamer with left hand spiral 15°, right hand cut, taper lead
- ⌘ Hand reamer HSS
- ⌘ For general use



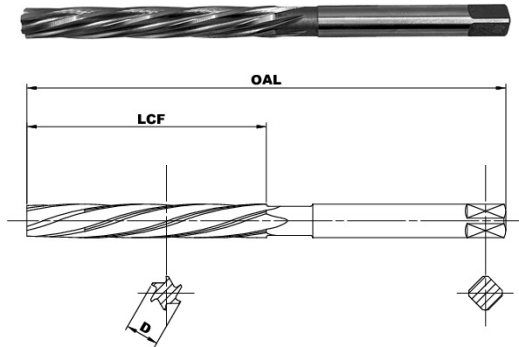
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
9.5	.374	6	62	124	2DA1A038
9.525	.375 (3/8)	6	66	133	2DA1A039
9.922	.3906 (25/64)	6	66	133	2DA1A040
10	.3937	6	66	133	2DA1A041
10.319	.4063 (13/32)	8	71	142	2DA1A042
10.5	.4134	8	71	142	2DA1A043
10.716	.4219 (27/64)	8	71	142	2DA1A044
11	.4331	8	71	142	2DA1A045
11.113	.4375 (7/16)	8	76	152	2DA1A046
11.5	.4528	8	76	152	2DA1A047
11.509	.4531 (29/64)	8	76	152	2DA1A048
11.906	.4688 (15/32)	8	76	152	2DA1A049
12	.4724	8	76	152	2DA1A050
12.303	.4844 (31/64)	8	76	152	2DA1A051
12.5	.4921	8	76	152	2DA1A052
12.7	.5 (1/2)	8	76	152	2DA1A053
13	.5118	8	76	152	2DA1A054
13.097	.5156 (33/64)	8	81	163	2DA1A055
13.494	.5313 (17/32)	8	81	163	2DA1A056
13.5	.5315	8	81	163	2DA1A057
13.891	.5469 (35/64)	8	81	163	2DA1A058
14	.5512	8	81	163	2DA1A059
14.288	.5625 (9/16)	8	81	163	2DA1A060
14.5	.5709	8	81	163	2DA1A061
14.684	.5781 (37/64)	8	81	163	2DA1A062
15	.5906	8	81	163	2DA1A063
15.081	.5938 (19/32)	8	87	175	2DA1A064
15.478	.6094 (39/64)	8	87	175	2DA1A065
15.5	.6102	8	87	175	2DA1A066
15.875	.625 (5/8)	8	87	175	2DA1A067
16	.6299	8	87	175	2DA1A068
16.272	.6406 (41/64)	8	87	175	2DA1A069
16.5	.6496	8	87	175	2DA1A070
16.669	.6563 (21/32)	8	87	175	2DA1A071
17	.6693	8	87	175	2DA1A072
17.066	.6719 (43/64)	8	93	188	2DA1A073
17.463	.6875 (11/16)	8	93	188	2DA1A074

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2DA

Hand reamer

HSS



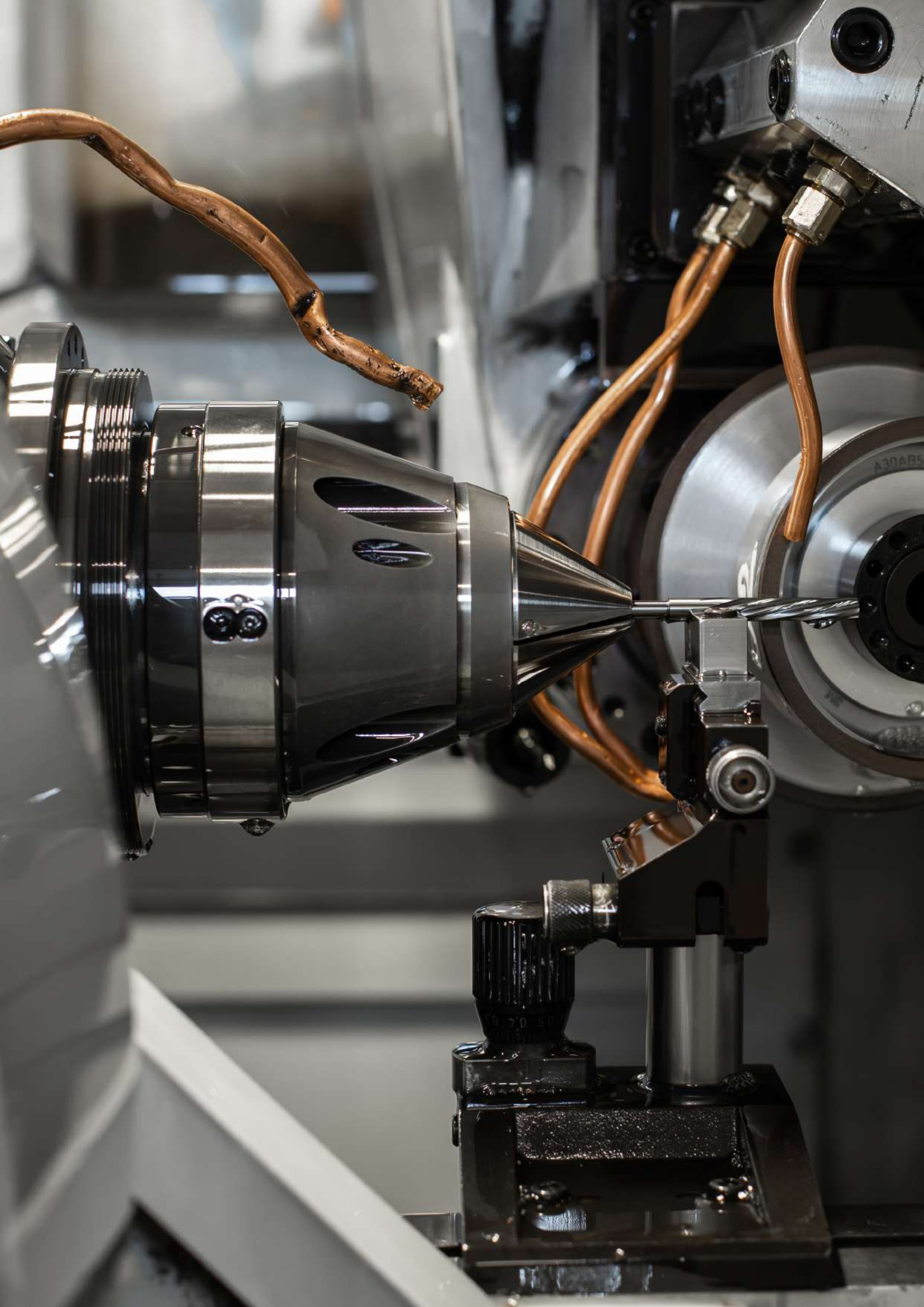
Characteristics

- ⌘ For manual reaming using a standard left-hand turn
- ⌘ Reamer with left hand spiral 15°, right hand cut, taper lead
- ⌘ Hand reamer HSS
- ⌘ For general use



ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
17.5	.689	8	93	188	2DA1A075
17.859	.7031 (45/64)	8	93	188	2DA1A076
18	.7087	8	93	188	2DA1A077
18.256	.7188 (23/32)	8	93	188	2DA1A078
18.5	.7283	8	93	188	2DA1A079
18.653	.7344 (47/64)	8	93	188	2DA1A080
19	.748	8	93	188	2DA1A081
19.05	.75 (3/4)	8	100	201	2DA1A082
19.447	.7656 (49/64)	8	100	201	2DA1A083
19.5	.7677	8	100	201	2DA1A084
19.844	.7813 (25/32)	8	100	201	2DA1A085
20	.7874	8	100	201	2DA1A086
20.241	.7969 (51/64)	8	100	201	2DA1A087
20.5	.8071	8	100	201	2DA1A088
20.638	.8125 (13/16)	8	100	201	2DA1A089
21	.8268	8	100	201	2DA1A090
21.034	.8281 (53/64)	8	107	215	2DA1A091
21.431	.8438 (27/32)	8	107	215	2DA1A092
21.5	.8465	8	107	215	2DA1A093
21.828	.8594 (55/64)	8	107	215	2DA1A094
22	.8661	8	107	215	2DA1A095
22.225	.875 (7/8)	8	107	215	2DA1A096
22.5	.8858	8	107	215	2DA1A097
22.622	.8906 (57/64)	8	107	215	2DA1A098
23	.9055	8	107	215	2DA1A099
23.019	.9063 (29/32)	8	115	231	2DA1A100
23.416	.9219 (59/64)	8	115	231	2DA1A101
23.5	.9252	8	115	231	2DA1A102
23.813	.9375 (15/16)	8	115	231	2DA1A103
24	.9449	8	115	231	2DA1A104
24.209	.9531 (61/64)	8	115	231	2DA1A105
24.5	.9646	8	115	231	2DA1A106
24.606	.9688 (31/32)	8	115	231	2DA1A107
25	.9843	8	115	231	2DA1A108
25.003	.9844 (63/64)	8	115	231	2DA1A109
25.4	1	8	115	231	2DA1A110

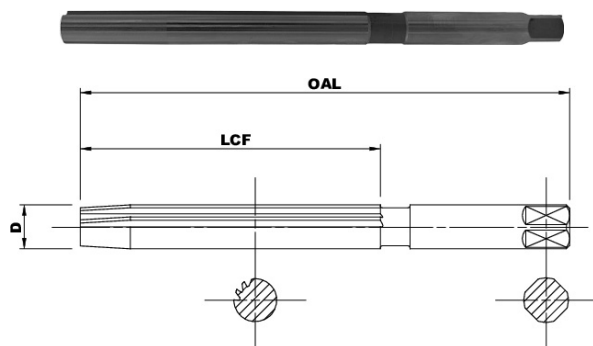
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2DB

« Paris style » hand reamer

HSS



Characteristics

- ⌘ For manual reaming using a standard left-hand turn
- ⌘ Reamer with straight flute, right hand cut, taper lead on the 1/3 of the flute length
- ⌘ Reamer 'Paris' style Hss
- ⌘ For general use



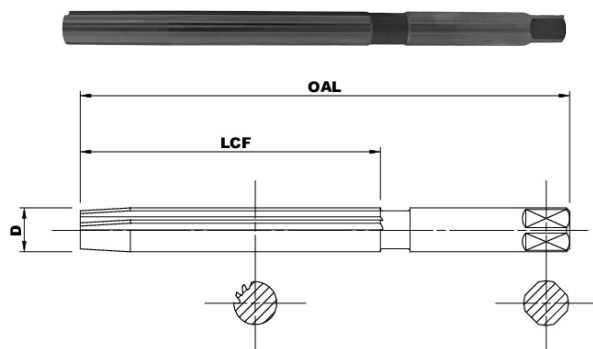
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
2	.0787	3	35	65	2DB1A001
2.2	.0866	3	35	65	2DB1A002
2.381	.0938 (3/32)	3	35	65	2DB1A003
2.5	.0984	3	35	65	2DB1A004
2.778	.1094 (7/64)	3	50	85	2DB1A005
2.8	.1102	3	50	85	2DB1A006
3	.1181	3	50	85	2DB1A007
3.175	.125 (1/8)	3	56	95	2DB1A008
3.2	.126	3	56	95	2DB1A009
3.5	.1378	3	56	95	2DB1A010
3.969	.1563 (5/32)	3	60	100	2DB1A011
4	.1575	3	60	100	2DB1A012
4.366	.1719 (11/64)	3	63	106	2DB1A013
4.5	.1772	3	63	106	2DB1A014
4.763	.1875 (3/16)	3	67	112	2DB1A015
4.8	.189 (#12)	3	67	112	2DB1A016
5	.1969	3	67	112	2DB1A017
5.159	.2031 (13/64)	3	71	118	2DB1A018
5.5	.2165	3	71	118	2DB1A019
5.556	.2188 (7/32)	3	71	118	2DB1A020
5.953	.2344 (15/64)	3	71	118	2DB1A021
6	.2362	3	71	118	2DB1A022
6.35	.25 (1/4)	3	75	125	2DB1A023
6.4	.252	3	75	125	2DB1A024
6.5	.2559	3	75	125	2DB1A025
6.747	.2656 (17/64)	3	80	132	2DB1A026
7	.2756	3	80	132	2DB1A027
7.144	.2813 (9/32)	3	80	132	2DB1A028
7.5	.2953	3	80	132	2DB1A029
7.541	.2969 (19/64)	3	85	140	2DB1A030
7.938	.3125 (5/16)	3	85	140	2DB1A031
8	.315	3	85	140	2DB1A032
8.334	.3281 (21/64)	3	85	140	2DB1A033
8.5	.3346	3	85	140	2DB1A034
8.731	.3438 (11/32)	3	90	150	2DB1A035
9	.3543	3	90	150	2DB1A036
9.128	.3594 (23/64)	3	90	150	2DB1A037

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2DB

« Paris style » hand reamer

HSS



Characteristics

- ⌘ For manual reaming using a standard left-hand turn
- ⌘ Reamer with straight flute, right hand cut, taper lead on the 1/3 of the flute length
- ⌘ Reamer 'Paris' style Hss
- ⌘ For general use



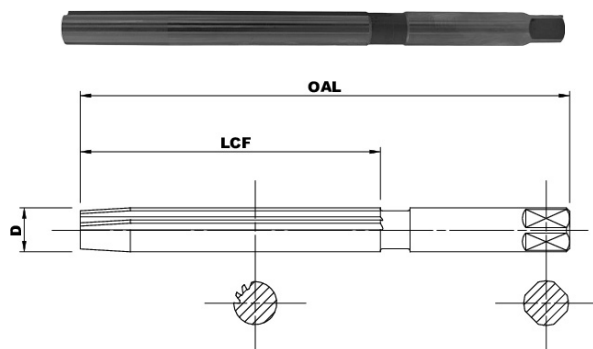
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
9.5	.374	3	90	150	2DB1A038
9.525	.375 (3/8)	3	95	160	2DB1A039
9.922	.3906 (25/64)	3	95	160	2DB1A040
10	.3937	3	95	160	2DB1A041
10.319	.4063 (13/32)	3	95	160	2DB1A042
10.5	.4134	3	95	160	2DB1A043
10.716	.4219 (27/64)	3	100	170	2DB1A044
11	.4331	3	100	170	2DB1A045
11.113	.4375 (7/16)	3	100	170	2DB1A046
11.5	.4528	3	100	170	2DB1A047
11.509	.4531 (29/64)	3	106	180	2DB1A048
11.906	.4688 (15/32)	3	106	180	2DB1A049
12	.4724	3	106	180	2DB1A050
12.303	.4844 (31/64)	3	106	180	2DB1A051
12.5	.4921	3	106	180	2DB1A052
12.7	.5 (1/2)	3	106	180	2DB1A053
13	.5118	3	106	180	2DB1A054
13.097	.5156 (33/64)	3	112	190	2DB1A055
13.494	.5313 (17/32)	3	112	190	2DB1A056
13.5	.5315	3	112	190	2DB1A057
13.891	.5469 (35/64)	3	112	190	2DB1A058
14	.5512	3	112	190	2DB1A059
14.288	.5625 (9/16)	3	112	190	2DB1A060
14.5	.5709	3	112	190	2DB1A061
14.684	.5781 (37/64)	3	112	190	2DB1A062
15	.5906	3	112	190	2DB1A063
15.081	.5938 (19/32)	3	118	200	2DB1A064
15.478	.6094 (39/64)	3	118	200	2DB1A065
15.5	.6102	3	118	200	2DB1A066
15.875	.625 (5/8)	3	118	200	2DB1A067
16	.6299	3	118	200	2DB1A068
16.272	.6406 (41/64)	3	118	200	2DB1A069
16.5	.6496	3	118	200	2DB1A070
16.669	.6563 (21/32)	3	118	200	2DB1A071
17	.6693	3	118	200	2DB1A072
17.066	.6719 (43/64)	3	125	212	2DB1A073
17.463	.6875 (11/16)	3	125	212	2DB1A074

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2DB

« Paris style » hand reamer

HSS



Characteristics

- ⌘ For manual reaming using a standard left-hand turn
- ⌘ Reamer with straight flute, right hand cut, taper lead on the 1/3 of the flute length
- ⌘ Reamer 'Paris' style Hss
- ⌘ For general use



ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
17.5	.689	3	125	212	2DB1A075
17.859	.7031 (45/64)	3	125	212	2DB1A076
18	.7087	3	125	212	2DB1A077
18.256	.7188 (23/32)	3	125	212	2DB1A078
18.5	.7283	3	125	212	2DB1A079
18.653	.7344 (47/64)	3	125	212	2DB1A080
19	.748	3	125	212	2DB1A081
19.05	.75 (3/4)	3	132	224	2DB1A082
19.447	.7656 (49/64)	3	132	224	2DB1A083
19.5	.7677	3	132	224	2DB1A084
19.844	.7813 (25/32)	3	132	224	2DB1A085
20	.7874	3	132	224	2DB1A086
20.241	.7969 (51/64)	3	132	224	2DB1A087
20.5	.8071	3	132	224	2DB1A088
20.638	.8125 (13/16)	3	132	224	2DB1A089
21	.8268	3	132	224	2DB1A090
21.034	.8281 (53/64)	3	140	236	2DB1A091
21.431	.8438 (27/32)	3	140	236	2DB1A092
21.5	.8465	3	140	236	2DB1A093
21.828	.8594 (55/64)	3	140	236	2DB1A094
22	.8661	3	140	236	2DB1A095
22.225	.875 (7/8)	3	140	236	2DB1A096
22.5	.8858	3	140	236	2DB1A097
22.622	.8906 (57/64)	3	140	236	2DB1A098
23	.9055	3	140	236	2DB1A099
23.019	.9063 (29/32)	3	140	236	2DB1A100
23.416	.9219 (59/64)	3	140	236	2DB1A101
23.5	.9252	3	140	236	2DB1A102
23.813	.9375 (15/16)	3	150	250	2DB1A103
24	.9449	3	150	250	2DB1A104
24.209	.9531 (61/64)	3	150	250	2DB1A105
24.5	.9646	3	150	250	2DB1A106
24.606	.9688 (31/32)	3	150	250	2DB1A107
25	.9843	3	150	250	2DB1A108
25.003	.9844 (63/64)	3	150	250	2DB1A109
25.4	1	3	150	250	2DB1A110

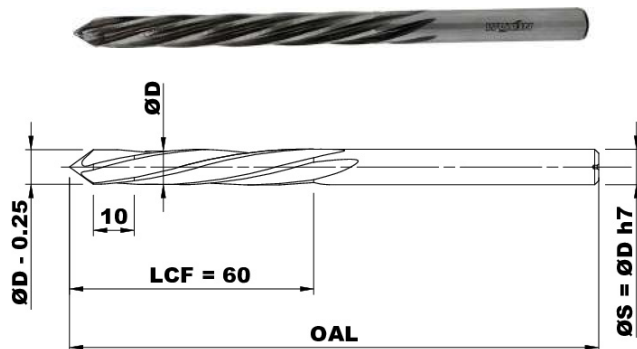
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2DC

«Aircraft» reamer

HSS Co 8%



Characteristics

- ⌘ For reaming on pneumatic/electric drill gun
- ⌘ Reamer with left hand spiral 15°, right hand cut, taper lead
- ⌘ Reamer HSS Co 8%
- ⌘ For aluminum, steel
- ⌘ Please specify the diameter and tolerance of the reamer



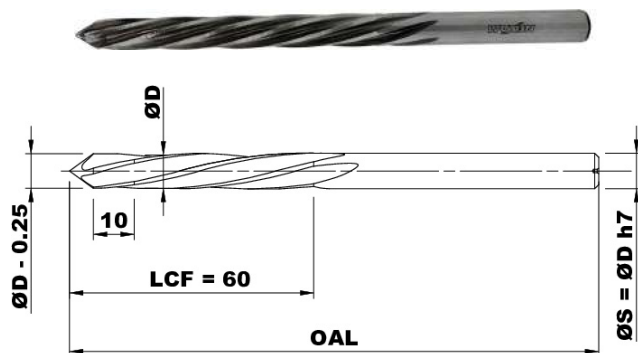
ØD mini (mm)	ØD maxi (mm)	ØD mini (inch)	ØD maxi (inch)	Z	OAL (mm)	Item
4	4.499	.1575	.1771	4	130	2DC1A001
4.5	4.999	.1772	.1968	4	130	2DC1A002
5	5.499	.1969	.2165	4	130	2DC1A003
5.5	5.999	.2165	.2362	6	130	2DC1A004
6	6.499	.2362	.2559	6	130	2DC1A005
6.5	6.999	.2559	.2756	6	130	2DC1A006
7	7.499	.2756	.2952	6	130	2DC1A007
7.5	7.999	.2953	.3149	6	130	2DC1A008
8	8.499	.315	.3346	6	130	2DC1A009
8.5	8.999	.3346	.3543	6	130	2DC1A010
9	9.499	.3543	.374	6	130	2DC1A011
9.5	9.999	.374	.3937	6	130	2DC1A012
10	10.499	.3937	.4133	6	130	2DC1A013
10.5	10.999	.4134	.433	6	130	2DC1A014
11	11.499	.4331	.4527	6	130	2DC1A015
11.5	11.999	.4528	.4724	6	130	2DC1A016
12	12.499	.4724	.4921	6	130	2DC1A017
12.5	13	.4921	.5118	6	130	2DC1A018

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2DC

«Aircraft» reamer

HSS Co 8%



Characteristics

- ⌘ For reaming on pneumatic/electric drill gun
- ⌘ Reamer with left hand spiral 15°, right hand cut, taper lead
- ⌘ Reamer HSS Co 8%
- ⌘ For aluminum, steel
- ⌘ Please specify the diameter and tolerance of the reamer



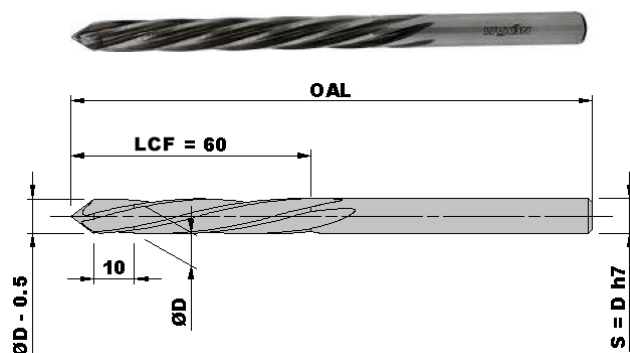
ØD mini (mm)	ØD maxi (mm)	ØD mini (inch)	ØD maxi (inch)	Z	OAL (mm)	Item
4	4.499	.1575	.1771	4	100	2DC1A019
4.5	4.999	.1772	.1968	4	100	2DC1A020
5	5.499	.1969	.2165	4	100	2DC1A021
5.5	5.999	.2165	.2362	6	100	2DC1A022
6	6.499	.2362	.2559	6	100	2DC1A023
6.5	6.999	.2559	.2756	6	100	2DC1A024
7	7.499	.2756	.2952	6	100	2DC1A025
7.5	7.999	.2953	.3149	6	100	2DC1A026
8	8.499	.315	.3346	6	100	2DC1A027
8.5	8.999	.3346	.3543	6	100	2DC1A028
9	9.499	.3543	.374	6	100	2DC1A029
9.5	9.999	.374	.3937	6	100	2DC1A030
10	10.499	.3937	.4133	6	100	2DC1A031
4	4.499	.1575	.1771	6	100	2DC1A619
4.5	4.999	.1772	.1968	6	100	2DC1A620
5	5.499	.1969	.2165	6	100	2DC1A621

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
Contact us by sending your request via email to request@nexam.aero

2DC

«Aircraft» reamer

Solid carbide



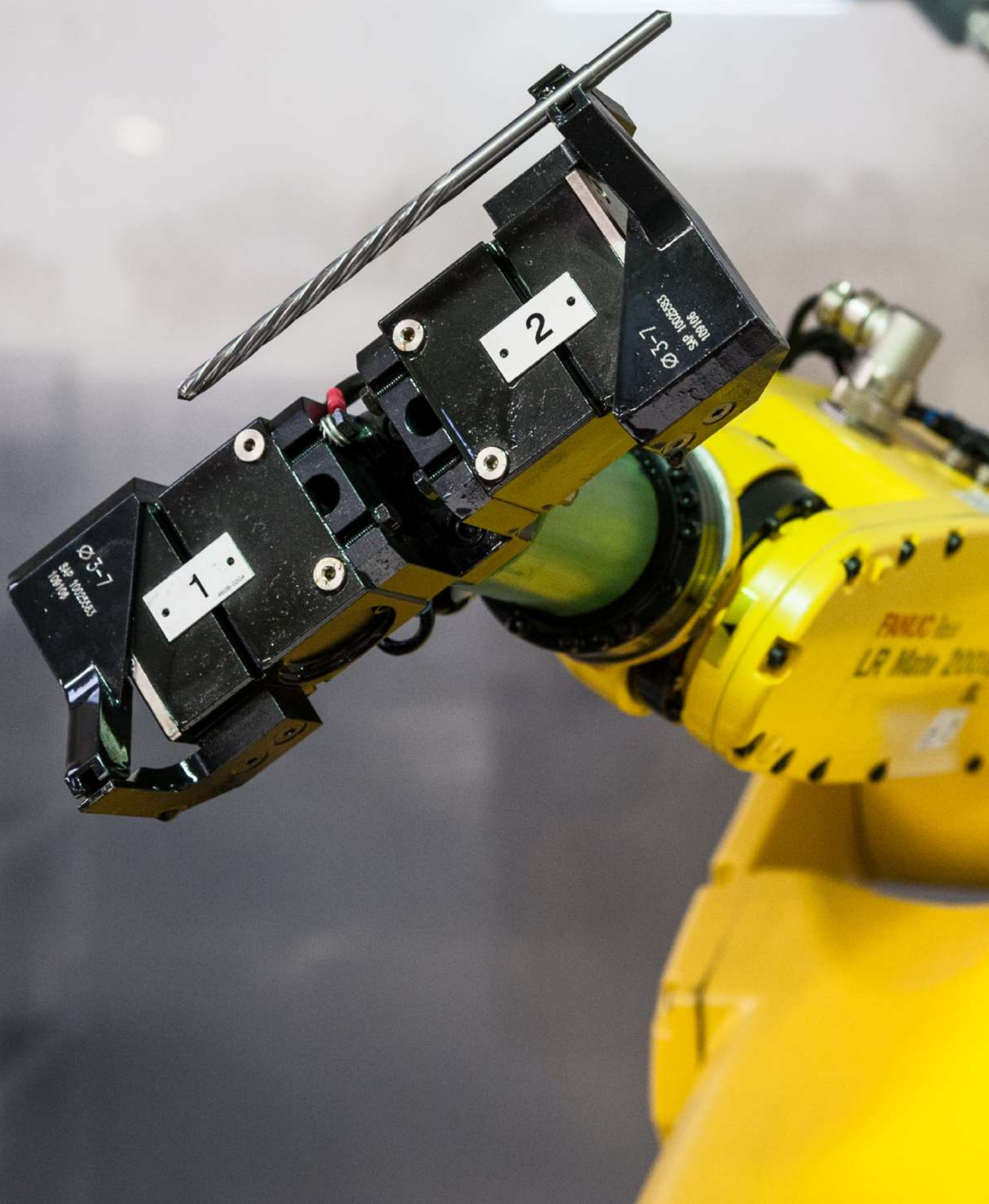
Characteristics

- ⌘ Reaming on pneumatic/electric drill gun in hard materials and composites
- ⌘ Reamer with left hand spiral 15°, right hand cut, taper lead
- ⌘ Solid carbide aircraft reamer
- ⌘ For aluminum, composite, titanium
- ⌘ Please specify the diameter and tolerance of the reamer



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

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Contact us by sending your request via email to request@nexam.aero



2

1

Ø3-7
SAP 10025553
100106

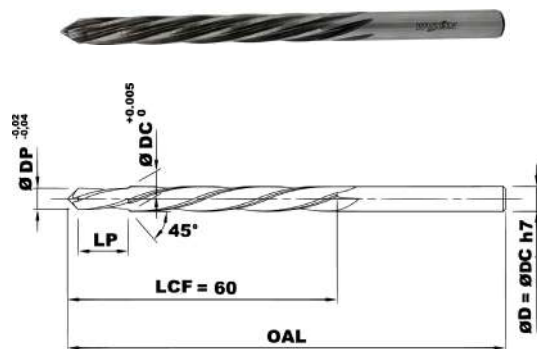
Ø3-7
SAP 10025553
100106

FMC
LP Motor 2000

2DE

Piloted reamer

HSS Co 8%



Characteristics

- ⌘ For reaming on pneumatic/electric drill gun with pre-hole
- ⌘ Reamer with left hand spiral 15°, right hand cut, pilot to center in a pre-hole
- ⌘ Piloted reamer HSS Co 8%
- ⌘ For aluminum, steel
- ⌘ Please specify the diameter of the reamer, the diameter of the pilot, and its length (x)



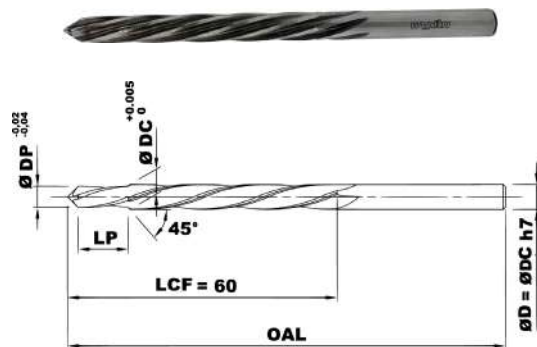
ØD mini (mm)	ØD maxi (mm)	ØD mini (inch)	ØD maxi (inch)	ØDP (mm)	Z	LP (mm)	OAL (mm)	Item
4	4.499	.1575	.1771	x	4	x	130	2DE1A001
4.5	4.999	.1772	.1968	x	4	x	130	2DE1A002
5	5.499	.1969	.2165	x	4	x	130	2DE1A003
5.5	5.999	.2165	.2362	x	6	x	130	2DE1A004
6	6.499	.2362	.2559	x	6	x	130	2DE1A005
6.5	6.999	.2559	.2756	x	6	x	130	2DE1A006
7	7.499	.2756	.2952	x	6	x	130	2DE1A007
7.5	7.999	.2953	.3149	x	6	x	130	2DE1A008
8	8.499	.315	.3346	x	6	x	130	2DE1A009
8.5	8.999	.3346	.3543	x	6	x	130	2DE1A010
9	9.499	.3543	.374	x	6	x	130	2DE1A011
9.5	9.999	.374	.3937	x	6	x	130	2DE1A012
10	10.499	.3937	.4133	x	6	x	130	2DE1A013
10.5	10.999	.4134	.433	x	6	x	130	2DE1A014
11	11.499	.4331	.4527	x	6	x	130	2DE1A015
11.5	11.999	.4528	.4724	x	6	x	130	2DE1A016
12	12.499	.4724	.4921	x	6	x	130	2DE1A017
12.5	13	.4921	.5118	x	6	x	130	2DE1A018

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2DE

Piloted reamer

HSS Co 8%



Characteristics

- ⌘ For reaming on pneumatic/electric drill gun with pre-hole
- ⌘ Reamer with left hand spiral 15°, right hand cut, pilot to center in a pre-hole
- ⌘ Piloted reamer HSS Co 8%
- ⌘ For aluminum, steel
- ⌘ Please specify the diameter of the reamer, the diameter of the pilot, and its length (x)



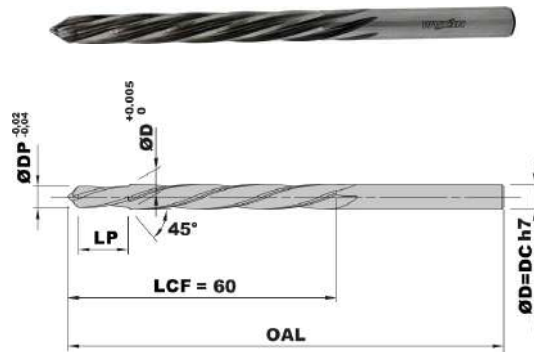
ØD mini (mm)	ØD maxi (mm)	ØD mini (inch)	ØD maxi (inch)	ØDP (mm)	ØDP (inch)	Z	LP (mm)	OAL (mm)	Item
4	4.499	.1575	.1771	x	x	4	x	100	2DE1A019
4.5	4.999	.1772	.1968	x	x	4	x	100	2DE1A020
5	5.499	.1969	.2165	x	x	4	x	100	2DE1A021
5.5	5.999	.2165	.2362	x	x	6	x	100	2DE1A022
6	6.499	.2362	.2559	x	x	6	x	100	2DE1A023
6.5	6.999	.2559	.2756	x	x	6	x	100	2DE1A024
7	7.499	.2756	.2952	x	x	6	x	100	2DE1A025
7.5	7.999	.2953	.3149	x	x	6	x	100	2DE1A026
8	8.499	.315	.3346	x	x	6	x	100	2DE1A027
8.5	8.999	.3346	.3543	x	x	6	x	100	2DE1A028
9	9.499	.3543	.374	x	x	6	x	100	2DE1A029
9.5	9.999	.374	.3937	x	x	6	x	100	2DE1A030
10	10.499	.3937	.4133	x	x	6	x	100	2DE1A031
4	4.499	.1575	.1771	x	x	6	x	100	2DE1A619
4.5	4.999	.1772	.1968	x	x	6	x	100	2DE1A620
5	5.499	.1969	.2165	x	x	6	x	100	2DE1A621

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2DE

Piloted reamer

Solid carbide



Characteristics

- ⌘ Reaming on pneumatic/electric drill gun in hard materials and composites
- ⌘ Reamer with left hand spiral 15°, right hand cut, pilot to center in a pre-hole
- ⌘ Solid carbide guided reamer
- ⌘ For aluminum, composite, titanium
- ⌘ **Please specify the diameter of the reamer, the diameter of the pilot, and its length (x)**



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

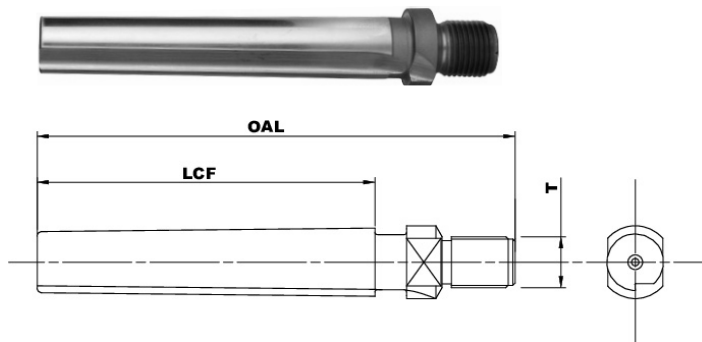
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2DD

Taper-Lok® hand reamer

HSS Co 8%



Characteristics

- ⌘ Touching up of holes for the Taper-Lok® fasteners installation, either after a wrong reaming, or in the case of an oversizing
- ⌘ Reamer with straight flute, right hand cut
- ⌘ Reamer in HSS Co 8%
- ⌘ For aluminum
- ⌘ These tools are mounted on our handles (reference 2ZB)



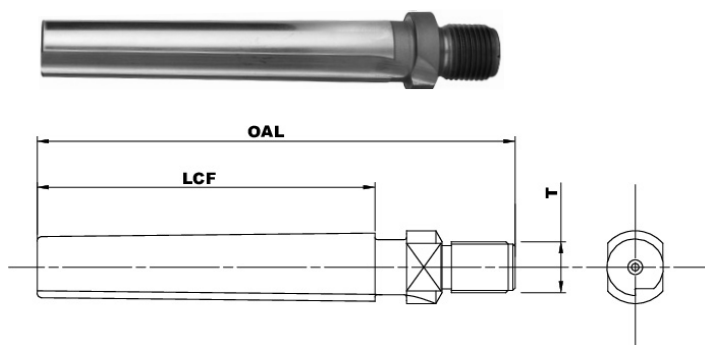
Dash	Group	Fastener to install	LCF (mm)	OAL (mm)	T	Item
3	1	1-TLV945-3	32.7	65	5/16-24 UNF	2DD1A001
3	2	2-TLV945-3, 2-TLV946-3	45.4	77	5/16-24 UNF	2DD1A002
3	3	3-TLV945-3, 3-TLV946-3, 3-TLV947-3	58.1	90	5/16-24 UNF	2DD1A003
3	4	4-TLV946-3, 4-TLV947-3	58.1	90	5/16-24 UNF	2DD1A004
3	5	5-TLV947-3	58.1	90	5/16-24 UNF	2DD1A005
4	1	1-TLV945-4	35.88	68	5/16-24 UNF	2DD1A006
4	2	2-TLV945-4, 2-TLV946-4	51.75	84	5/16-24 UNF	2DD1A007
4	3	3-TLV945-4, 3-TLV946-4, 3-TLV947-4	67.63	100	5/16-24 UNF	2DD1A008
4	4	4-TLV945-4, 4-TLV946-4, 4-TLV947-4	72.39	104	5/16-24 UNF	2DD1A009
4	5	5-TLV946-4, 5-TLV947-4	72.39	104	5/16-24 UNF	2DD1A010
4	6	6-TLV947-4	72.39	104	5/16-24 UNF	2DD1A011
5	1	1-TLV945-5	37.46	69	7/16-20 UNF	2DD1A012
5	2	2-TLV945-5, 2-TLV946-5	54.93	87	7/16-20 UNF	2DD1A013
5	3	3-TLV945-5, 3-TLV946-5, 3-TLV947-5	72.39	104	7/16-20 UNF	2DD1A014
5	4	4-TLV946-5, 4-TLV947-5	72.39	104	7/16-20 UNF	2DD1A015
5	5	5-TLV947-5	72.39	104	7/16-20 UNF	2DD1A016
6	1	1-TLV945-6	39.05	71	7/16-20 UNF	2DD1A017
6	2	2-TLV945-6, 2-TLV946-6	58.1	90	7/16-20 UNF	2DD1A018
6	3	3-TLV945-6, 3-TLV946-6, 3-TLV947-3	77.15	109	7/16-20 UNF	2DD1A019
6	4	4-TLV946-6, 4-TLV947-6	77.15	109	7/16-20 UNF	2DD1A020
6	5	5-TLV947-6	77.15	109	7/16-20 UNF	2DD1A021
7	1	1-TLV945-7	42.23	74	7/16-20 UNF	2DD1A022
7	2	2-TLV945-7, 2-TLV946-7	64.45	96	7/16-20 UNF	2DD1A023
7	3	3-TLV945-7, 3-TLV946-7, 3-TLV947-7	86.68	119	7/16-20 UNF	2DD1A024
7	4	4-TLV945-7, 4-TLV946-7, 4-TLV947-7	108.9	141	7/16-20 UNF	2DD1A025
7	5	5-TLV946-7, 5-TLV946-7	108.9	141	7/16-20 UNF	2DD1A026
7	6	6-TLV947-7	108.9	141	7/16-20 UNF	2DD1A027
8	1	1-TLV945-8	45.4	77	7/16-20 UNF	2DD1A028
8	2	2-TLV945-8, 2-TLV946-8	70.8	103	7/16-20 UNF	2DD1A029
8	3	3-TLV945-8, 3-TLV946-8, 3-TLV947-8	96.2	128	7/16-20 UNF	2DD1A030
8	4	4-TLV945-8, 4-TLV946-8, 4-TLV947-8	121.6	154	7/16-20 UNF	2DD1A031
8	5	5-TLV946-8, 5-TLV947-8	121.6	154	7/16-20 UNF	2DD1A032
8	6	6-TLV947-8	121.6	154	7/16-20 UNF	2DD1A033
9	1	1-TLV945-9	58.1	90	5/8-18 UNF	2DD1A034
9	2	2-TLV945-9, 2-TLV946-9	96.2	128	5/8-18 UNF	2DD1A035
9	3	3-TLV945-9, 3-TLV946-9, 3-TLV947-9	134.3	166	5/8-18 UNF	2DD1A036
9	4	4-TLV946-9, 4-TLV947-9	134.3	166	5/8-18 UNF	2DD1A037
9	5	5-TLV947-9	134.3	166	5/8-18 UNF	2DD1A038

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2DD

Taper-Lok® hand reamer

HSS Co 8%



Characteristics

- ⌘ Touching up of holes for the Taper-Lok® fasteners installation, either after a wrong reaming, or in the case of an oversizing
- ⌘ Reamer with straight flute, right hand cut
- ⌘ Reamer in HSS Co 8%
- ⌘ For aluminum
- ⌘ These tools are mounted on our handles (reference 2ZB)



Dash	Group	Fastener to install	LCF (mm)	OAL (mm)	T	Item
10	1	1-TLV945-10	61.28	93	5/8-18 UNF	2DD1A039
10	2	2-TLV945-10, 2-TLV946-10,	102.55	135	5/8-18 UNF	2DD1A040
10	3	3-TLV945-10, 3-TLV946-10, 3-TLV947-10	143.83	176	5/8-18 UNF	2DD1A041
10	4	4-TLV946-10, 4-TLV947-10	143.83	176	5/8-18 UNF	2DD1A042
10	5	5-TLV947-10	143.83	176	5/8-18 UNF	2DD1A043
12	1	1-TLV945-12	67.63	100	3/4-16 UNF	2DD1A044
12	2	2-TLV945-12, 2-TLV946-12,	115.25	147	3/4-16 UNF	2DD1A045
12	3	3-TLV945-12, 3-TLV946-12, 3-TLV947-12	162.88	195	3/4-16 UNF	2DD1A046
12	4	4-TLV946-12, 4-TLV947-12	162.88	195	3/4-16 UNF	2DD1A047
12	5	5-TLV947-12	162.88	195	3/4-16 UNF	2DD1A048
14	1	1-TLV945-14	77.15	109	3/4-16 UNF	2DD1A049
14	2	2-TLV945-14, 2-TLV946-14	134.3	166	3/4-16 UNF	2DD1A050
14	3	3-TLV945-14, 3-TLV946-14, 3-TLV947-14	172.4	204	3/4-16 UNF	2DD1A051
14	4	4-TLV946-14, 4-TLV947-14	172.4	204	3/4-16 UNF	2DD1A052
14	5	5-TLV947-14	172.4	204	3/4-16 UNF	2DD1A053
16	1	1-TLV945-16	83.5	116	3/4-16 UNF	2DD1A054
16	2	2-TLV945-16, 2-TLV946-16	147	179	3/4-16 UNF	2DD1A055
16	3	3-TLV945-16, 3-TLV946-16, 3-TLV947-16	210.5	243	3/4-16 UNF	2DD1A056
16	4	4-TLV946-16, 4-TLV947-16	210.5	243	3/4-16 UNF	2DD1A057
16	5	5-TLV947-16	210.5	243	3/4-16 UNF	2DD1A058

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2GB Counterbore for metric microstop cages p.76
HSS-E 8% Co et Carbide - Attachment C120F

2GC Counterbore for inch microstop cages p.79
HSS-E 8% Co and Carbide - Attachment C120F

2GD Back stopfacer - Bayonet lock type p.82
HSS-E 8% Co and Carbide - Bayonet lock type

2GE Back stopfacer with tread p.87
HSS-E 8% Co

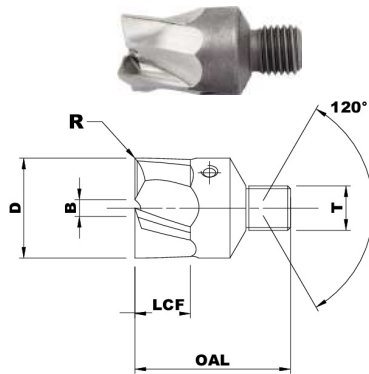


AIRCRAFT
NEXAM[®]
CUTTING TOOLS

2GB

Counterbore for metric microstop cages

HSS Co 8%



Characteristics

- ⌘ Mounting on metric microstop cage and used with our removable 2YA pilots
- ⌘ Right-hand helix milling cutter 15°, right hand cut, Body = 10 for $D \leq 10\text{mm}$
- ⌘ HSS Co 8% spot face cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	T	Item
5	.1969	2	4	0.5	6	28	M6 x 100	2GB1A001
5.556	.2187 (7/32)	2	4	0.5	6	28	M6 x 100	2GB1A002
6	.2362	2	4	0.5	7	28	M6 x 100	2GB1A003
6.35	.25 (1/4)	2	4	0.5	7	28	M6 x 100	2GB1A004
7	.2756	2	4	0.5	8	28	M6 x 100	2GB1A005
7.938	.3125 (5/16)	2	4	0.5	8	28	M6 x 100	2GB1A006
8	.315	2	4	0.5	9	28	M6 x 100	2GB1A007
9	.3543	2	4	0.5	10	28	M6 x 100	2GB1A008
9.525	.375 (3/8)	2	4	0.5	10	28	M6 x 100	2GB1A009
10	.3937	2	4	0.5	10.5	28	M6 x 100	2GB1A010
11	.4331	3	4	0.5	10.5	28	M8 x 100	2GB1A011
11.113	.4375 (7/16)	3	4	0.5	10.5	28	M8 x 100	2GB1A012
12	.4724	3	4	0.5	10.5	28	M8 x 100	2GB1A013
12.7	.5 (1/2)	3	4	0.5	10.5	28	M8 x 100	2GB1A014
13	.5118	3	4	0.5	10.5	28	M8 x 100	2GB1A015
14	.5512	3	4	0.5	10.5	28	M8 x 100	2GB1A016
14.288	.5625 (9/16)	3	4	0.5	10.5	28	M8 x 100	2GB1A017
15	.5906	4	4	0.5	10.5	28	M8 x 100	2GB1A018
15.875	.625 (5/8)	4	4	0.5	10.5	28	M8 x 100	2GB1A019
16	.6299	4	4	0.5	10.5	28	M8 x 100	2GB1A020
17	.6693	4	4	0.5	10.5	28	M8 x 100	2GB1A021
17.463	.6875 (11/16)	4	4	0.5	10.5	28	M8 x 100	2GB1A022
18	.7087	4	4	0.5	10.5	28	M8 x 100	2GB1A023
19	.748	4	4	0.5	10.5	28	M8 x 100	2GB1A024
19.05	.75 (3/4)	4	4	0.5	10.5	28	M8 x 100	2GB1A025
20	.7874	4	4	0.5	10.5	28	M8 x 100	2GB1A026

⌘ Compatible with the removable 2YA pilot for counterbore cutters and countersinks – push type, see p.114

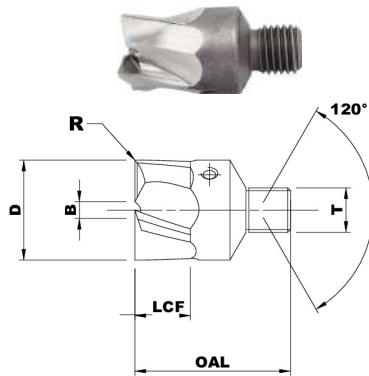


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2GB

Counterbore for metric microstop cages

HSS Co 8%



Characteristics

- ⌘ Mounting on metric microstop cage and used with our removable 2YA pilots
- ⌘ Right-hand helix milling cutter 15°, right hand cut, Body = 10 for D ≤ 10mm
- ⌘ HSS Co 8% spot face cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	T	Item
21	.8268	4	4	0.5	10.5	28	M8 x 100	2GB1A027
22	.8661	5	4	0.5	17	42	M10 x 100	2GB1A028
22.225	.875 (7/8)	5	4	0.5	17	42	M10 x 100	2GB1A029
23	.9055	5	4	0.5	17	42	M10 x 100	2GB1A030
24	.9449	5	4	0.5	17	42	M10 x 100	2GB1A031
25	.9843	5	4	0.5	17	42	M10 x 100	2GB1A032
25.4	1	5	4	0.5	17	42	M10 x 100	2GB1A033
26	1.0236	5	4	0.5	17	42	M10 x 100	2GB1A034
28	1.1024	5	4	0.5	17	42	M10 x 100	2GB1A035
28.575	1.125 (1-1/8)	5	4	0.5	17	42	M10 x 100	2GB1A036
30	1.1811	5	4	0.5	17	42	M10 x 100	2GB1A037
31.75	1.25 (1-1/4)	5	4	0.5	17	42	M10 x 100	2GB1A038
32	1.2598	5	4	0.5	17	42	M10 x 100	2GB1A039
34	1.3386	5	4	0.5	17	42	M10 x 100	2GB1A040
34.925	1.375 (1-3/8)	5	4	0.5	17	42	M10 x 100	2GB1A041
35	1.378	5	4	0.5	17	42	M10 x 100	2GB1A042
36	1.4173	5	4	0.5	17	42	M10 x 100	2GB1A043
36.513	1.4375 (1-7/16)	5	4	0.5	17	42	M10 x 100	2GB1A044
38	1.4961	5	4	0.5	17	42	M10 x 100	2GB1A045
38.1	1.5 (1-1/2)	5	4	0.5	17	42	M10 x 100	2GB1A046
8	.315	2	4	1	9	28	M6 x 100	2GB1A107
15	.5906	4	4	2	10.5	28	M8 x 100	2GB1A218
16	.6299	4	4	2	10.5	28	M8 x 100	2GB1A220
17	.6693	4	4	2	10.5	28	M8 x 100	2GB1A221
18	.7087	4	4	2	10.5	28	M8 x 100	2GB1A223
20	.7874	4	4	2	10.5	28	M8 x 100	2GB1A226

⌘ Compatible with the removable 2YA pilot for counterbore cutters and countersinks - push type, see p.114

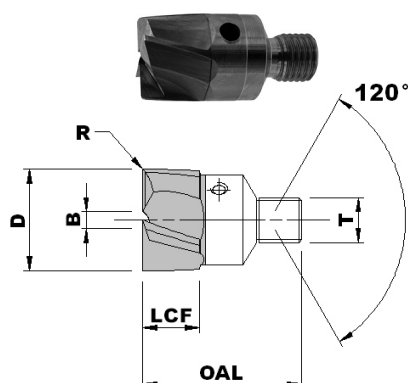


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2GB

Counterbore for metric microstop cages

Brazed carbide



Characteristics

- ⌘ Mounting on metric microstop cage and used with our removable 2YA pilots
- ⌘ Right-hand helix milling cutter 15°, right hand cut
- ⌘ Brazed carbide spot face cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	T	Item
15	.5906	4	4	0.5	10.5	28	M8 x 100	2GB3A001
15.875	.625 (5/8)	4	4	0.5	10.5	28	M8 x 100	2GB3A002
16	.6299	4	4	0.5	10.5	28	M8 x 100	2GB3A003
17	.6693	4	4	0.5	10.5	28	M8 x 100	2GB3A004
17.463	.6875 (11/16)	4	4	0.5	10.5	28	M8 x 100	2GB3A005
18	.7087	4	4	0.5	10.5	28	M8 x 100	2GB3A006
19	.748	4	4	0.5	10.5	28	M8 x 100	2GB3A007
19.05	.75 (3/4)	4	4	0.5	10.5	28	M8 x 100	2GB3A008
20	.7874	4	4	0.5	10.5	28	M8 x 100	2GB3A009
21	.8268	4	4	0.5	10.5	28	M8 x 100	2GB3A010
22	.8661	5	4	0.5	10.5	42	M10 x 100	2GB3A011
22.225	.875 (7/8)	5	4	0.5	10.5	42	M10 x 100	2GB3A012
23	.9055	5	4	0.5	10.5	42	M10 x 100	2GB3A013
24	.9449	5	4	0.5	10.5	42	M10 x 100	2GB3A014
25	.9843	5	4	0.5	10.5	42	M10 x 100	2GB3A015
25.4	1	5	4	0.5	10.5	42	M10 x 100	2GB3A016
26	1.0236	5	4	0.5	10.5	42	M10 x 100	2GB3A017
28	1.1024	5	4	0.5	10.5	42	M10 x 100	2GB3A018
28.575	1.125 (1-1/8)	5	4	0.5	10.5	42	M10 x 100	2GB3A019
30	1.1811	5	4	0.5	10.5	42	M10 x 100	2GB3A020
31.75	1.25 (1-1/4)	5	4	0.5	10.5	42	M10 x 100	2GB3A021
32	1.2598	5	4	0.5	10.5	42	M10 x 100	2GB3A022
34	1.3386	5	4	0.5	10.5	42	M10 x 100	2GB3A023
34.925	1.375 (1-3/8)	5	4	0.5	10.5	42	M10 x 100	2GB3A024
35	1.378	5	4	0.5	10.5	42	M10 x 100	2GB3A025
36	1.4173	5	4	0.5	10.5	42	M10 x 100	2GB3A026
36.513	1.4375 (1-7/16)	5	4	0.5	10.5	42	M10 x 100	2GB3A027
38	1.4961	5	4	0.5	10.5	42	M10 x 100	2GB3A028
38.1	1.5 (1-1/2)	5	4	0.5	10.5	42	M10 x 100	2GB3A029
10	.3937	2	4	0.5	10.5	28	M6 x 100	2GB3A030
11	.4331	3	4	0.5	10.5	28	M8 x 100	2GB3A031
11.113	.4375 (7/16)	3	4	0.5	10.5	28	M8 x 100	2GB3A032
12	.4724	3	4	0.5	10.5	28	M8 x 100	2GB3A033
12.7	.5 (1/2)	3	4	0.5	10.5	28	M8 x 100	2GB3A034
13	.5118	3	4	0.5	10.5	28	M8 x 100	2GB3A035
14	.5512	3	4	0.5	10.5	28	M8 x 100	2GB3A036
14.288	.5625 (9/16)	3	4	0.5	10.5	28	M8 x 100	2GB3A037

⌘ Compatible with the removable 2YA pilot for counterbore cutters and countersinks - push type, see p.114

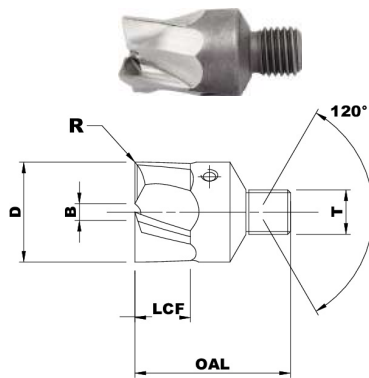


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2GC

Counterbore for metric microstop cages

HSS Co 8%



Characteristics

- ⌘ Mounting on inch microstop cage and used with our removable 2YA pilots
- ⌘ Right-hand helix milling cutter 15°, right hand cut, Body = 10 for $D \leq 10\text{mm}$
- ⌘ HSS Co 8% spot face cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	T	Item
5	.1969	2	4	0.5	6	28	1/4-28 UNF	2GC1A001
5.556	.2188 (7/32)	2	4	0.5	6	28	1/4-28 UNF	2GC1A002
6	.2362	2	4	0.5	7	28	1/4-28 UNF	2GC1A003
6.35	.25 (1/4)	2	4	0.5	7	28	1/4-28 UNF	2GC1A004
7	.2756	2	4	0.5	8	28	1/4-28 UNF	2GC1A005
7.938	.3125 (5/16)	2	4	0.5	8	28	1/4-28 UNF	2GC1A006
8	.315	2	4	0.5	9	28	1/4-28 UNF	2GC1A007
9	.3543	2	4	0.5	10	28	1/4-28 UNF	2GC1A008
9.525	.375 (3/8)	2	4	0.5	10	28	1/4-28 UNF	2GC1A009
10	.3937	2	4	0.5	10.5	28	1/4-28 UNF	2GC1A010
11	.4331	3	4	0.5	10.5	28	1/4-28 UNF	2GC1A011
11.113	.4375 (7/16)	3	4	0.5	10.5	28	1/4-28 UNF	2GC1A012
12	.4724	3	4	0.5	10.5	28	1/4-28 UNF	2GC1A013
12.7	.5 (1/2)	3	4	0.5	10.5	28	1/4-28 UNF	2GC1A014
13	.5118	3	4	0.5	10.5	28	1/4-28 UNF	2GC1A015
14	.5512	3	4	0.5	10.5	28	1/4-28 UNF	2GC1A016
14.288	.5625 (9/16)	3	4	0.5	10.5	28	1/4-28 UNF	2GC1A017
15	.5906	4	4	0.5	10.5	28	1/4-28 UNF	2GC1A018
15.875	.625 (5/8)	4	4	0.5	10.5	28	1/4-28 UNF	2GC1A019
16	.6299	4	4	0.5	10.5	28	1/4-28 UNF	2GC1A020
17	.6693	4	4	0.5	10.5	28	1/4-28 UNF	2GC1A021
17.463	.6875 (11/16)	4	4	0.5	10.5	28	3/8-24 UNF	2GC1A022
18	.7087	4	4	0.5	10.5	28	3/8-24 UNF	2GC1A023

⌘ Compatible with the removable 2YA pilot for counterbore cutters and countersinks – push type, see p.114

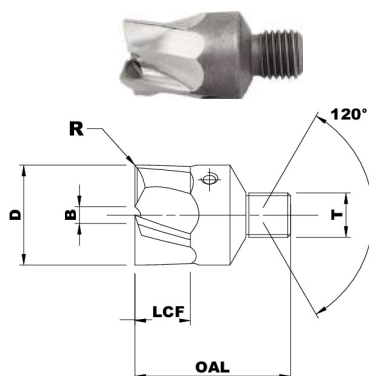


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2GC

Counterbore for inch microstop cages

HSS Co 8%



Characteristics

- ⌘ Mounting on inch microstop cage and used with our removable 2YA pilots
- ⌘ Right-hand helix milling cutter 15°, right hand cut, Body = 10 for $D \leq 10\text{mm}$
- ⌘ HSS Co 8% spot face cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	T	Item
19	.748	4	4	0.5	10.5	28	3/8-24 UNF	2GC1A024
19.05	.75 (3/4)	4	4	0.5	10.5	28	3/8-24 UNF	2GC1A025
20	.7874	4	4	0.5	10.5	28	3/8-24 UNF	2GC1A026
21	.8268	4	4	0.5	10.5	28	3/8-24 UNF	2GC1A027
22	.8661	5	4	0.5	17	42	3/8-24 UNF	2GC1A028
22.225	.875 (7/8)	5	4	0.5	17	42	3/8-24 UNF	2GC1A029
23	.9055	5	4	0.5	17	42	3/8-24 UNF	2GC1A030
24	.9449	5	4	0.5	17	42	3/8-24 UNF	2GC1A031
25	.9843	5	4	0.5	17	42	3/8-24 UNF	2GC1A032
25.4	1	5	4	0.5	17	42	3/8-24 UNF	2GC1A033
26	1.0236	5	4	0.5	17	42	3/8-24 UNF	2GC1A034
28	1.1024	5	4	0.5	17	42	3/8-24 UNF	2GC1A035
28.575	1.125 (1-1/8)	5	4	0.5	17	42	3/8-24 UNF	2GC1A036
30	1.1811	5	4	0.5	17	42	3/8-24 UNF	2GC1A037
31.75	1.25 (1-1/4)	5	4	0.5	17	42	3/8-24 UNF	2GC1A038
32	1.2598	5	4	0.5	17	42	3/8-24 UNF	2GC1A039
34	1.3386	5	4	0.5	17	42	3/8-24 UNF	2GC1A040
34.925	1.375 (1-3/8)	5	4	0.5	17	42	3/8-24 UNF	2GC1A041
35	1.378	5	4	0.5	17	42	3/8-24 UNF	2GC1A042
36	1.4173	5	4	0.5	17	42	3/8-24 UNF	2GC1A043
36.513	1.4375 (1-7/16)	5	4	0.5	17	42	3/8-24 UNF	2GC1A044
38	1.4961	5	4	0.5	17	42	3/8-24 UNF	2GC1A045
38.1	1.5 (1-1/2)	5	4	0.5	17	42	3/8-24 UNF	2GC1A046

⌘ Compatible with the removable 2YA pilot for counterbore cutters and countersinks - push type, see p.114

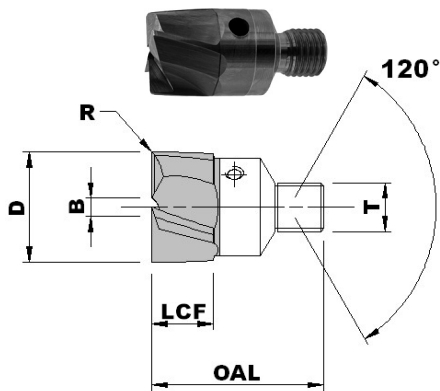


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2GC

Counterbore for inch microstop cages

Brazed carbide



Characteristics

- ⌘ Mounting on inch microstop cage and used with our removable 2YA pilots
- ⌘ Right-hand helix milling cutter 15°, right hand cut
- ⌘ Brazed carbide spot face cutter
- ⌘ For aluminum, titanium, steel, composite materials
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	T	Item
15	.5906	4	4	0.5	10.5	28	1/4-28 UNF	2GC3A001
15.875	.625 (5/8)	4	4	0.5	10.5	28	1/4-28 UNF	2GC3A002
16	.6299	4	4	0.5	10.5	28	1/4-28 UNF	2GC3A003
17	.6693	4	4	0.5	10.5	28	1/4-28 UNF	2GC3A004
17.463	.6875 (11/16)	4	4	0.5	10.5	28	3/8-24 UNF	2GC3A005
18	.7087	4	4	0.5	10.5	28	3/8-24 UNF	2GC3A006
19	.748	4	4	0.5	10.5	28	3/8-24 UNF	2GC3A007
19.05	.75 (3/4)	4	4	0.5	10.5	28	3/8-24 UNF	2GC3A008
20	.7874	4	4	0.5	10.5	28	3/8-24 UNF	2GC3A009
21	.8268	4	4	0.5	10.5	28	3/8-24 UNF	2GC3A010
22	.8661	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A011
22.225	.875 (7/8)	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A012
23	.9055	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A013
24	.9449	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A014
25	.9843	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A015
25.4	1	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A016
26	1.0236	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A017
28	1.1024	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A018
28.575	1.125 (1-1/8)	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A019
30	1.1811	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A020
31.75	1.25 (1-1/4)	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A021
32	1.2598	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A022
34	1.3386	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A023
34.925	1.375 (1-3/8)	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A024
35	1.378	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A025
36	1.4173	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A026
36.513	1.4375 (1-7/16)	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A027
38	1.4961	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A028
38.1	1.5 (1-1/2)	5	4	0.5	10.5	28	3/8-24 UNF	2GC3A029

⌘ Compatible with the removable 2YA pilot for counterbore cutters and countersinks - push type, see p.114

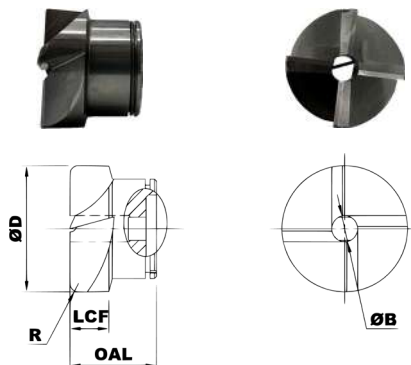


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2GD

Back stopfacer - Bayonet lock type

HSS Co 8%



Characteristics

- ⌘ To use with our bayonet lock type pilots 2YB
- ⌘ Right-hand helix milling cutter 15°, right hand cut
- ⌘ HSS Co 8% spot face cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	Item
7.938	.3125 (5/16)	3	4	0.5	4	10	2GD1A001
8	.315	3	4	0.5	4	10	2GD1A002
9	.3543	3	4	0.5	4	10	2GD1A003
9.525	.375 (3/8)	3	4	0.5	4	10	2GD1A004
10	.3937	3	4	0.5	4	10	2GD1A005
11	.4331	3	4	0.5	4	10	2GD1A006
11.113	.4375 (7/16)	3	4	0.5	4	10	2GD1A007
12	.4724	3	4	0.5	4	10	2GD1A008
12.7	.5 (1/2)	3	4	0.5	4	10	2GD1A009
13	.5118	3	4	0.5	4	10	2GD1A010
14	.5512	3	4	0.5	4	10	2GD1A011
14.288	.5625 (9/16)	3	4	0.5	4	10	2GD1A052
15	.5906	3	4	0.5	4	10	2GD1A053
15.875	.625 (5/8)	3	4	0.5	4	10	2GD1A054
16	.6299	3	4	0.5	4	10	2GD1A055
10	.3937	2.5	4	0.5	4	10	2GD1A066
10	.3937	3	4	1	4	10	2GD1A105
12	.4724	3	4	1	4	10	2GD1A108
14	.5512	3	4	1	4	10	2GD1A111
15	.5906	3	4	1	4	10	2GD1A153
8	.315	2.5	4	1	4	10	2GD1A165
12	.4724	2.5	4	1	4	10	2GD1A168
14	.5512	2.5	4	1	4	10	2GD1A169
8	.315	3	4	2	4	10	2GD1A202
10	.3937	3	4	2	4	10	2GD1A205
12	.4724	3	4	2	4	10	2GD1A208
13	.5118	3	4	2	4	10	2GD1A210
14	.5512	3	4	2	4	10	2GD1A211
15	.5906	3	4	2	4	10	2GD1A253
16	.6299	3	4	2	4	10	2GD1A255
10	.3937	2.5	4	2	4	10	2GD1A266
11	.4331	2.5	4	2	4	10	2GD1A267
12	.4724	2.5	4	2	4	10	2GD1A268
14	.5512	2.5	4	2	4	10	2GD1A269
16	.6299	2.5	4	2	4	10	2GD1A271

⌘ Compatible with the 2YB driver for counterbore cutters and countersinks - pull type, see p.114

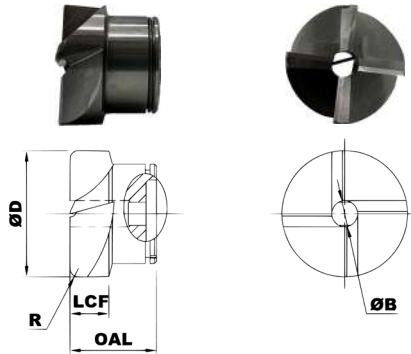


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2GD

Back stopfacer - Bayonet lock type

HSS Co 8%



Characteristics

- ⌘ To use with our bayonet lock type pilots 2YB
- ⌘ Right-hand helix milling cutter 15°, right hand cut
- ⌘ HSS Co 8% spot face cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	Item
14.288	.5625 (9/16)	4	4	0.5	6	16	2GD1A012
15	.5906	4	4	0.5	6	16	2GD1A013
15.875	.625 (5/8)	4	4	0.5	6	16	2GD1A014
16	.6299	4	4	0.5	6	16	2GD1A015
17	.6693	4	4	0.5	6	16	2GD1A016
17.463	.6875 (11/16)	4	4	0.5	6	16	2GD1A017
18	.7087	4	4	0.5	6	16	2GD1A018
19	.748	4	4	0.5	6	16	2GD1A019
19.05	.75 (3/4)	4	4	0.5	6	16	2GD1A020
20	.7874	4	4	0.5	6	16	2GD1A021
20.638	.8125 (13/16)	4	4	0.5	6	16	2GD1A022
14	.5512	4	4	0.5	6	16	2GD1A051
17	.6693	3	4	0.5	4	10	2GD1A056
17.463	.6875 (11/16)	3	4	0.5	4	10	2GD1A057
18	.7087	3	4	0.5	4	10	2GD1A058
19	.748	3	4	0.5	4	10	2GD1A059
19.05	.75 (3/4)	3	4	0.5	4	10	2GD1A060
20	.7874	3	4	0.5	4	10	2GD1A061
16	.6299	4	4	1	6	16	2GD1A115
18	.7087	4	4	1	6	16	2GD1A118
20	.7874	4	4	1	6	16	2GD1A121
14	.5512	4	4	1	6	16	2GD1A151
17	.6693	3	4	1	4	10	2GD1A156
18	.7087	3	4	1	4	10	2GD1A158
15	.5906	4	4	2	6	16	2GD1A213
16	.6299	4	4	2	6	16	2GD1A215
17	.6693	4	4	2	6	16	2GD1A216
18	.7087	4	4	2	6	16	2GD1A218
19	.748	4	4	2	6	16	2GD1A219
20	.7874	4	4	2	6	16	2GD1A221
14	.5512	4	4	2	6	16	2GD1A251
17	.6693	3	4	2	4	10	2GD1A256
18	.7087	3	4	2	4	10	2GD1A258
19	.748	3	4	2	4	10	2GD1A259
20	.7874	3	4	2	4	10	2GD1A261
10	.3937	4	4	2	6	16	2GD1A262
12	.4724	4	4	2	6	16	2GD1A263

⌘ Compatible with the 2YB driver for counterbore cutters and countersinks - pull type, see p.114

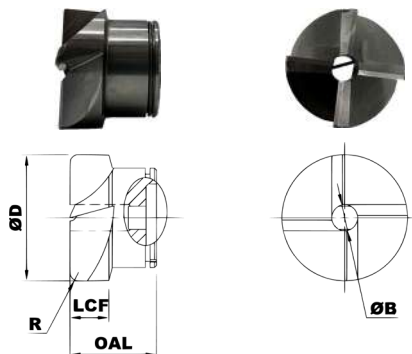


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2GD

Back stopfacer - Bayonet lock type

HSS Co 8%



Characteristics

- ⌘ To use with our bayonet lock type pilots 2YB
- ⌘ Right-hand helix milling cutter 15°, right hand cut
- ⌘ HSS Co 8% spot face cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	Item
19	.748	5	4	2	8	18	2GD1A264
21	.8268	5	4	0.5	8	18	2GD1A023
22	.8661	5	4	0.5	8	18	2GD1A024
22.225	.875 (7/8)	5	4	0.5	8	18	2GD1A025
23	.9055	5	4	0.5	8	18	2GD1A026
23.812	.9375 (15/16)	5	4	0.5	8	18	2GD1A027
24	.9449	5	4	0.5	8	18	2GD1A028
25	.9843	5	4	0.5	8	18	2GD1A029
25.4	1	5	4	0.5	8	18	2GD1A030
26	1.0236	6	4	0.5	10	20	2GD1A031
26.998	1.0629 (1-1/16)	6	4	0.5	10	20	2GD1A032
28	1.1024	6	4	0.5	10	20	2GD1A033
28.575	1.125 (1-1/8)	6	4	0.5	10	20	2GD1A034
29	1.1417	6	4	0.5	10	20	2GD1A035
30	1.1811	6	4	0.5	10	20	2GD1A036
30.162	1.1875 (1-3/16)	6	4	0.5	10	20	2GD1A037
31	1.2205	6	4	0.5	10	20	2GD1A038
31.75	1.25 (1-1/4)	6	4	0.5	10	20	2GD1A039
32	1.2598	6	4	0.5	10	20	2GD1A040
33	1.2992	6	4	0.5	10	20	2GD1A041
33.338	1.3125 (1-5/16)	6	4	0.5	10	20	2GD1A042
34	1.3386	6	4	0.5	10	20	2GD1A043
34.925	1.375 (1-3/8)	6	4	0.5	10	20	2GD1A044
35	1.378	6	4	0.5	10	20	2GD1A045
36	1.4173	6	4	0.5	10	20	2GD1A046
36.513	1.4375 (1-7/16)	6	4	0.5	10	20	2GD1A047
37	1.4567	6	4	0.5	10	20	2GD1A048
38	1.4961	6	4	0.5	10	20	2GD1A049
38.1	1.5 (1-1/2)	6	4	0.5	10	20	2GD1A050

⌘ Compatible with the 2YB driver for counterbore cutters and countersinks - pull type, see p.114

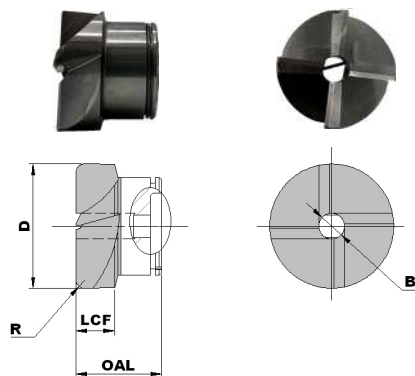


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2GD

Back stopfacer - Bayonet lock type

Brazed carbide



Characteristics

- ⌘ To use with our bayonet lock type pilots 2YB
- ⌘ 15° inclined milling cutter, left-hand cut
- ⌘ Brazed carbide spot face cutter
- ⌘ For aluminum, titanium, steel, composite materials
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	Item
10	.3937	3	4	0.5	4	10	2GD3A001
11	.4331	3	4	0.5	4	10	2GD3A002
11.113	.4375 (7/16)	3	4	0.5	4	10	2GD3A003
12	.4724	3	4	0.5	4	10	2GD3A004
12.7	.5 (1/2)	3	4	0.5	4	10	2GD3A005
13	.5118	3	4	0.5	4	10	2GD3A006
14	.5512	3	4	0.5	4	10	2GD3A007
14.288	.5625 (9/16)	3	4	0.5	4	10	2GD3A008
15	.5906	3	4	0.5	4	10	2GD3A009
15.875	.625 (5/8)	3	4	0.5	4	10	2GD3A010
16	.6299	3	4	0.5	4	10	2GD3A011
14	.5512	4	4	0.5	6	16	2GD3A051
14.288	.5625 (9/16)	4	4	0.5	6	16	2GD3A012
15	.5906	4	4	0.5	6	16	2GD3A013
15.875	.625 (5/8)	4	4	0.5	6	16	2GD3A014
16	.6299	4	4	0.5	6	16	2GD3A015
17	.6693	4	4	0.5	6	16	2GD3A016
17.463	.6875 (11/16)	4	4	0.5	6	16	2GD3A017
18	.7087	4	4	0.5	6	16	2GD3A018
19	.748	4	4	0.5	6	16	2GD3A019
19.05	.75 (3/4)	4	4	0.5	6	16	2GD3A020
20	.7874	4	4	0.5	6	16	2GD3A021
20.638	.8125 (13/16)	4	4	0.5	6	16	2GD3A022
21	.8268	5	4	0.5	8	18	2GD3A023
22	.8661	5	4	0.5	8	18	2GD3A024
22.225	.875 (7/8)	5	4	0.5	8	18	2GD3A025
23	.9055	5	4	0.5	8	18	2GD3A026
23.812	.9375 (15/16)	5	4	0.5	8	18	2GD3A027
24	.9449	5	4	0.5	8	18	2GD3A028
25	.9843	5	4	0.5	8	18	2GD3A029
25.4	1	5	4	0.5	8	18	2GD3A030

⌘ Compatible with the 2YB driver for counterbore cutters and countersinks – pull type, see p.114

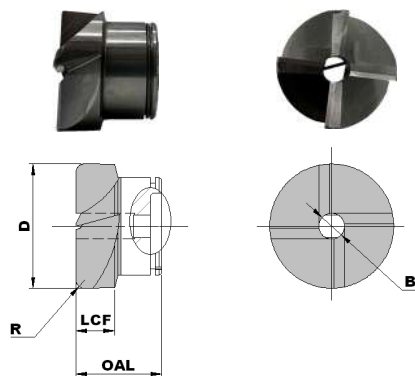


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2GD

Back stopfacer - Bayonet lock type

Brazed carbide



Characteristics

- ⌘ To use with our bayonet lock type pilots 2YB
- ⌘ 15° inclined milling cutter, left-hand cut
- ⌘ Brazed carbide spot face cutter
- ⌘ For aluminum, titanium, steel, composite materials
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	Item
26	1.0236	6	4	0.5	10	20	2GD3A031
26.998	1.0629 (1-1/16)	6	4	0.5	10	20	2GD3A032
28	1.1024	6	4	0.5	10	20	2GD3A033
28.575	1.125 (1-1/8)	6	4	0.5	10	20	2GD3A034
29	1.1417	6	4	0.5	10	20	2GD3A035
30	1.1811	6	4	0.5	10	20	2GD3A036
30.162	1.1875 (1-3/16)	6	4	0.5	10	20	2GD3A037
31	1.2205	6	4	0.5	10	20	2GD3A038
31.75	1.25 (1-1/4)	6	4	0.5	10	20	2GD3A039
32	1.2598	6	4	0.5	10	20	2GD3A040
33	1.2992	6	4	0.5	10	20	2GD3A041
33.338	1.3125 (1-5/16)	6	4	0.5	10	20	2GD3A042
34	1.3386	6	4	0.5	10	20	2GD3A043
34.925	1.375 (1-3/8)	6	4	0.5	10	20	2GD3A044
35	1.378	6	4	0.5	10	20	2GD3A045
36	1.4173	6	4	0.5	10	20	2GD3A046
36.513	1.4375 (1-7/16)	6	4	0.5	10	20	2GD3A047
37	1.4567	6	4	0.5	10	20	2GD3A048
38	1.4961	6	4	0.5	10	20	2GD3A049
38.1	1.5 (1-1/2)	6	4	0.5	10	20	2GD3A050

⌘ Compatible with the 2YB driver for counterbore cutters and countersinks – pull type, see p.114

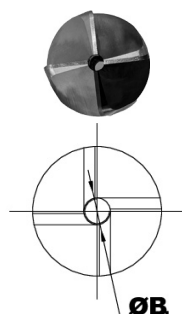
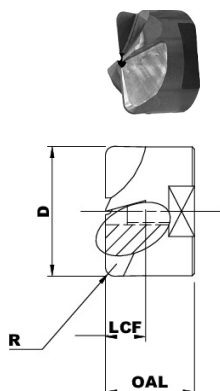


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2GE

Back stopfacer with thread

HSS Co 8%



Characteristics

- ⌘ To use with our threaded pilots 2YD
- ⌘ Left-hand helix milling cutter 15°, left hand cut
- ⌘ HSS Co 8% spot face cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Possibility to modify our standard cutters to suit your needs



ØD (mm)	ØD (inch)	B (mm)	Z	R (mm)	LCF (mm)	OAL (mm)	Item
6	.2362	M2	4	2	4	10	2GE1A001
8	.315	M2,5	4	0	4	10	2GE1A002
10	.3937	M2,5	4	2	4	10	2GE1A003
10	.3937	M2,5	4	0	4	10	2GE1A004
11	.4331	M2,5	4	2	4	10	2GE1A005
12	.4724	M2,5	4	1	4	10	2GE1A006
8	.315	M3	4	0.5	4	10	2GE1A007
9	.3543	M3	4	0	4	10	2GE1A008
10	.3937	M3	4	0.5	4	10	2GE1A009
10	.3937	M3	4	2	4	10	2GE1A010
12	.4724	M3	4	0.5	4	10	2GE1A011
12	.4724	M3	4	2	4	10	2GE1A012
12	.4724	M3	4	2	4	10	2GE1A013
13	.5118	M3	4	0.5	4	10	2GE1A014
14	.5512	M3	4	0.5	4	10	2GE1A015
14	.5512	M3	4	2	4	10	2GE1A016
14	.5512	M3	4	2	4	10	2GE1A017
15	.5906	M3	4	1	4	10	2GE1A018
16	.6299	M3	4	2	4	10	2GE1A019
20	.7874	M3	4	2	4	12	2GE1A020
10	.3937	M4	4	0.5	4	10	2GE1A021
12	.4724	M4	4	0	4	10	2GE1A022
12	.4724	M4	4	0.5	4	10	2GE1A023
14	.5512	M4	4	0.5	4	10	2GE1A024
14	.5512	M4	4	2	4	10	2GE1A025
15	.5906	M4	4	2	4	10	2GE1A026
16	.6299	M4	4	2	4	10	2GE1A027
17	.6693	M4	4	2	4	10	2GE1A028
18	.7087	M4	4	2	4	10	2GE1A029
19	.748	M4	4	2	4	9	2GE1A030
17	.6693	M5	4	2	4	10	2GE1A031
18	.7087	M5	4	2	4	10	2GE1A032
20	.7874	M5	4	2	5	12	2GE1A033
25	.9843	M10	8	2.75	18	25	2GE1A034

⌘ Compatible with the 2YD driver for counterbore cutters and countersinks – pull type, see p.114



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2HA **Countersink for offset angle drills** p.90
HSS-E 8% Co - Threaded shank 10-32 UNF

2HB **Countersink for offset angle drills** p.91
HSS-E 8% Co - Threaded shank 1/4-28 UNF

2HC **Metric integral pilot countersink** p.92
HSS-E 8%Co, Carbide and PCD - Taper 120°

2HD **Inch integral pilot countersink** p.96
HSS-E 8%Co - Taper 120°

2HE **Metric inserted pilot countersink** p.97
HSS-E 8%Co, Carbide and PCD - Taper 120°

2HF **Inch inserted pilot countersink** p.103
HSS-E 8% Co, Carbide and PCD - Taper 120°

2HG **Back countersink - Bayonet lock type** p.106
HSS-E 8% Co and carbide

2HH **Metric inserted pilot countersink** p.110
HSS-E 8%Co and carbide - SPECIAL COMPOSITES

2HJ **Back countersink with thread** p.112
HSS-E 8%Co and Carbide

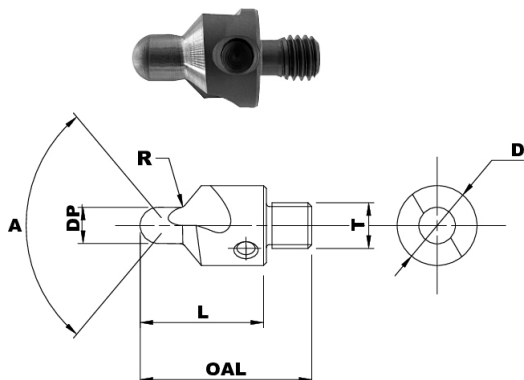
2HI **Double solid pilot countersink** p.113
HSS-E 5%Co - Plain shank



2HA

Countersink for offset angle drills 10-32UNF

HSS Co 8%



Characteristics

- ⌘ Countersinking in hard-to-reach areas with an angle head and 10-32 UNF threaded spindle
- ⌘ Right-hand cut countersink, right-hand helix 6°
- ⌘ HSS Co 8% countersink
- ⌘ For aluminum, titanium, steel



ØD (mm)	ØD (inch)	ØDP (mm)	a°	R (mm)	L (mm)	OAL (mm)	T	Item
10	.3937	2	100°	0,4 - 0,6	10	16.5	10-32 UNF	2HA1A001
10	.3937	2.381	100°	0,4 - 0,6	10.6	17.1	10-32 UNF	2HA1A002
10	.3937	2.49	100°	0,4 - 0,6	10.7	17.2	10-32 UNF	2HA1A003
10	.3937	2.5	100°	0,4 - 0,6	10.8	17.3	10-32 UNF	2HA1A004
10	.3937	3	100°	0,4 - 0,6	11.5	18	10-32 UNF	2HA1A005
10	.3937	3.175	100°	0,6 - 0,8	11.8	18.3	10-32 UNF	2HA1A006
10	.3937	3.2	100°	0,6 - 0,8	11.8	18.3	10-32 UNF	2HA1A007
10	.3937	3.264	100°	0,6 - 0,8	11.9	18.4	10-32 UNF	2HA1A008
10	.3937	3.5	100°	0,6 - 0,8	12.3	18.8	10-32 UNF	2HA1A009
10	.3937	3.572	100°	0,6 - 0,8	12.4	18.9	10-32 UNF	2HA1A010
10	.3937	3.6	100°	0,6 - 0,8	12.4	18.9	10-32 UNF	2HA1A011
10	.3937	3.969	100°	0,6 - 0,8	13	19.5	10-32 UNF	2HA1A012
10	.3937	4	100°	0,6 - 0,8	13	19.5	10-32 UNF	2HA1A013
10	.3937	4.089	100°	0,6 - 0,8	13	19.5	10-32 UNF	2HA1A014
10	.3937	4.763	100°	0,6 - 0,8	13.4	19.9	10-32 UNF	2HA1A015
10	.3937	4.8	100°	0,6 - 0,8	13.4	19.9	10-32 UNF	2HA1A016
10	.3937	4.915	100°	0,6 - 0,8	13.5	20	10-32 UNF	2HA1A017
10	.3937	5	100°	0,6 - 0,8	13.5	20	10-32 UNF	2HA1A018
10	.3937	5.556	100°	0,6 - 0,8	13.8	20.3	10-32 UNF	2HA1A019
10	.3937	5.6	100°	0,6 - 0,8	13.8	20.3	10-32 UNF	2HA1A020

⌘ To be used with our 3RA angle heads, see p.283

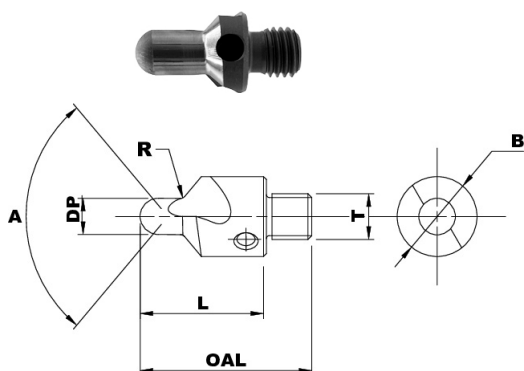


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2HB

Countersink for offset angle drills 1/4-28UNF

HSS Co 8%



Characteristics

- ⌘ Countersinking in hard-to-reach areas with an angle head and 1/4-28 UNF threaded spindle
- ⌘ Right-hand cut countersink, right-hand helix 6°
- ⌘ HSS Co 8% countersink
- ⌘ For aluminum, titanium, steel



ØD (mm)	ØD (inch)	ØDP (mm)	a°	R (mm)	L (mm)	OAL (mm)	T	Item
10	.3937	2	100°	0,4 - 0,6	10	16.5	1/4-28 UNF	2HB1A001
10	.3937	2.381	100°	0,4 - 0,6	10.6	17.1	1/4-28 UNF	2HB1A002
10	.3937	2.49	100°	0,4 - 0,6	10.7	17.2	1/4-28 UNF	2HB1A003
10	.3937	2.5	100°	0,4 - 0,6	10.8	17.3	1/4-28 UNF	2HB1A004
10	.3937	3	100°	0,4 - 0,6	11.5	18	1/4-28 UNF	2HB1A005
10	.3937	3.175	100°	0,6 - 0,8	11.8	18.3	1/4-28 UNF	2HB1A006
10	.3937	3.2	100°	0,6 - 0,8	11.8	18.3	1/4-28 UNF	2HB1A007
10	.3937	3.264	100°	0,6 - 0,8	11.9	18.4	1/4-28 UNF	2HB1A008
10	.3937	3.5	100°	0,6 - 0,8	12.3	18.8	1/4-28 UNF	2HB1A009
10	.3937	3.572	100°	0,6 - 0,8	12.4	18.9	1/4-28 UNF	2HB1A010
10	.3937	3.6	100°	0,6 - 0,8	12.4	18.9	1/4-28 UNF	2HB1A011
10	.3937	3.969	100°	0,6 - 0,8	13	19.5	1/4-28 UNF	2HB1A012
10	.3937	4	100°	0,6 - 0,8	13	19.5	1/4-28 UNF	2HB1A013
10	.3937	4.089	100°	0,6 - 0,8	13	19.5	1/4-28 UNF	2HB1A014
10	.3937	4.763	100°	0,6 - 0,8	13.4	19.9	1/4-28 UNF	2HB1A015
10	.3937	4.8	100°	0,6 - 0,8	13.4	19.9	1/4-28 UNF	2HB1A016
10	.3937	4.915	100°	0,6 - 0,8	13.5	20	1/4-28 UNF	2HB1A017
10	.3937	5	100°	0,6 - 0,8	13.5	20	1/4-28 UNF	2HB1A018
10	.3937	5.556	100°	0,6 - 0,8	13.8	20.3	1/4-28 UNF	2HB1A019
10	.3937	5.6	100°	0,6 - 0,8	13.8	20.3	1/4-28 UNF	2HB1A020

⌘ To be used with our 3RA angle heads, see p.283

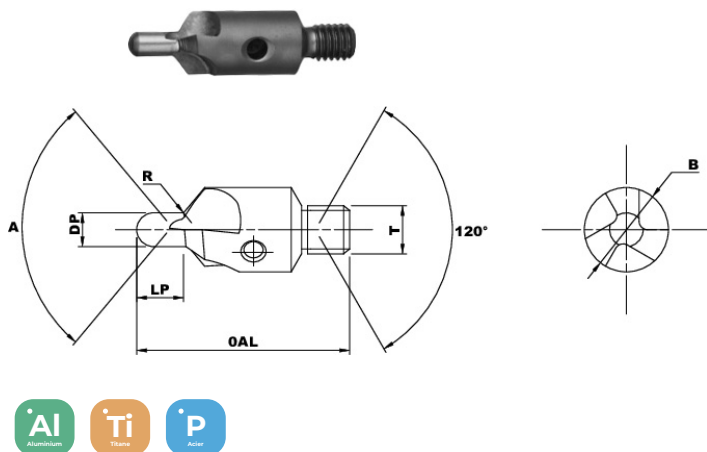


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2HC

Metric integral pilot countersink

HSS Co 8%



Characteristics

- ☞ To use with metric microstop cages
- ☞ Right-hand cut countersink, right-hand helix 6°
- ☞ HSS Co 8% countersink
- ☞ For aluminum, titanium, steel
- ☞ Countersinks with a radius equal to or greater than that of standard fasteners and rivets



ØD (mm)	ØD (inch)	ØDP (mm)	Z	LP (mm)	a°	R (mm)	OAL (mm)	T	Item
10	.3937	2.381	3	6.2	100°	0,4 - 0,6	34	M6 x 100	2HC1A001
10	.3937	2.5	3	6.3	100°	0,4 - 0,6	34	M6 x 100	2HC1A002
10	.3937	3	3	6.5	100°	0,4 - 0,6	35	M6 x 100	2HC1A003
10	.3937	3.175	3	6.6	100°	0,6 - 0,8	35	M6 x 100	2HC1A004
10	.3937	3.2	3	7	100°	0,6 - 0,8	35	M6 x 100	2HC1A040
10	.3937	3.5	3	6.8	100°	0,6 - 0,8	35	M6 x 100	2HC1A005
10	.3937	3.572	3	6.8	100°	0,6 - 0,8	35	M6 x 100	2HC1A006
10	.3937	3.6	3	6.8	100°	0,6 - 0,8	35	M6 x 100	2HC1A007
10	.3937	3.969	3	7	100°	0,6 - 0,8	35	M6 x 100	2HC1A008
10	.3937	4	3	7	100°	0,6 - 0,8	35	M6 x 100	2HC1A009
10	.3937	4.15	3	7.1	100°	0,6 - 0,8	35	M6 x 100	2HC1A010
10	.3937	4.763	3	7.4	100°	0,8 - 1	35	M6 x 100	2HC1A011
10	.3937	4.8	3	7.4	100°	0,8 - 1	35	M6 x 100	2HC1A012
10	.3937	5	3	7.5	100°	0,8 - 1	36	M6 x 100	2HC1A013
10	.3937	5.556	3	7.8	100°	0,8 - 1	36	M6 x 100	2HC1A014
10	.3937	5.6	3	7.8	100°	0,8 - 1	36	M6 x 100	2HC1A015
14	.5512	4.763	3	7.4	100°	0,8 - 1	35	M8 x 100	2HC1A016
14	.5512	4.8	3	7.4	100°	0,8 - 1	35	M8 x 100	2HC1A017
14	.5512	5	3	7.5	100°	0,8 - 1	36	M8 x 100	2HC1A018
14	.5512	5.556	3	7.8	100°	0,8 - 1	36	M8 x 100	2HC1A019
14	.5512	5.6	3	7.8	100°	0,8 - 1	36	M8 x 100	2HC1A020
14	.5512	6	3	8	100°	0,8 - 1	36	M8 x 100	2HC1A021
14	.5512	6.27	3	8.1	100°	0,8 - 1	36	M8 x 100	2HC1A022
14	.5512	6.35	3	8.2	100°	0,8 - 1	36	M8 x 100	2HC1A023
14	.5512	6.65	3	8.3	100°	0,8 - 1	36	M8 x 100	2HC1A024
14	.5512	8	3	9	100°	1 - 1,25	37	M8 x 100	2HC1A025
17	.6693	6.27	3	8.1	100°	0,8 - 1	36	M8 x 100	2HC1A026
17	.6693	6.35	3	8.2	100°	0,8 - 1	36	M8 x 100	2HC1A027
17	.6693	6.65	3	8.3	100°	0,8 - 1	36	M8 x 100	2HC1A028
17	.6693	8	3	9	100°	1 - 1,25	37	M8 x 100	2HC1A029
17	.6693	9.525	3	9.8	100°	1 - 1,25	38	M8 x 100	2HC1A030
21	.8268	9.525	3	9.8	100°	1 - 1,25	38	M8 x 100	2HC1A031
21	.8268	10	3	10	100°	1 - 1,25	38	M8 x 100	2HC1A032
22.225	7/8	11.112	3	10.6	100°	1,25 - 1,5	53	M10 x 100	2HC1A033
25.4	1	11.112	3	10.6	100°	1,25 - 1,5	53	M10 x 100	2HC1A034
28.575	1 1/8	12.7	3	11.4	100°	1,5 - 1,75	53	M10 x 100	2HC1A035
30	1.1811	14	3	12	100°	1,5 - 1,75	54	M10 x 100	2HC1A036
31.75	1 1/4	12.7	3	11.4	100°	1,5 - 1,75	53	M10 x 100	2HC1A037
34.925	1 3/8	14.288	3	12.1	100°	1,5 - 1,75	54	M10 x 100	2HC1A038
38.1	1 1/2	15.875	3	12.9	100°	1,75 - 2	55	M10 x 100	2HC1A039

☞ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, 2XG, see p.219

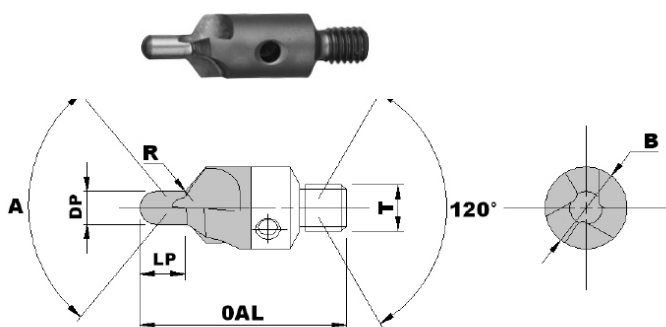


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2HC

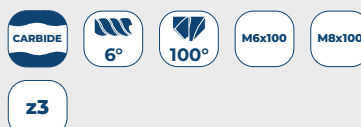
Metric integral pilot countersink

Brazed carbide



Characteristics

- ⌘ To use with metric microstop cages
- ⌘ Right-hand cut countersink, right-hand helix 6°
- ⌘ Brazed carbide countersink
- ⌘ For aluminum, titanium, steel, composite materials
- ⌘ Countersinks with a radius equal to or greater than that of standard fasteners and rivets



ØD (mm)	ØD (inch)	ØDP (mm)	Z	LP (mm)	a°	R (mm)	OAL (mm)	T	Item
10	.3937	2.381	3	6.2	100°	0,4 - 0,6	35	M6 x 100	2HC3A001
10	.3937	2.5	3	6.3	100°	0,4 - 0,6	35	M6 x 100	2HC3A002
10	.3937	3	3	6.5	100°	0,4 - 0,6	35	M6 x 100	2HC3A003
10	.3937	3.175	3	6.6	100°	0,6 - 0,8	35	M6 x 100	2HC3A004
10	.3937	3.2	3	6.6	100°	0,6 - 0,8	35	M6 x 100	2HC3A026
10	.3937	3.5	3	6.8	100°	0,6 - 0,8	35	M6 x 100	2HC3A005
10	.3937	3.572	3	6.8	100°	0,6 - 0,8	35	M6 x 100	2HC3A006
10	.3937	3.6	3	6.8	100°	0,6 - 0,8	35	M6 x 100	2HC3A007
10	.3937	3.969	3	7	100°	0,6 - 0,8	35	M6 x 100	2HC3A008
10	.3937	4	3	7	100°	0,6 - 0,8	36	M6 x 100	2HC3A009
10	.3937	4.15	3	7.1	100°	0,6 - 0,8	36	M6 x 100	2HC3A010
10	.3937	4.763	3	7.4	100°	0,8 - 1	36	M6 x 100	2HC3A011
10	.3937	4.8	3	7.4	100°	0,8 - 1	36	M6 x 100	2HC3A012
10	.3937	5	3	7.5	100°	0,8 - 1	36	M6 x 100	2HC3A013
10	.3937	5.556	3	7.8	100°	0,8 - 1	36	M6 x 100	2HC3A014
10	.3937	5.6	3	7.8	100°	0,8 - 1	36	M6 x 100	2HC3A015
14	.5512	4.763	3	7.4	100°	0,8 - 1	36	M8 x 100	2HC3A016
14	.5512	4.8	3	7.4	100°	0,8 - 1	36	M8 x 100	2HC3A017
14	.5512	5	3	7.5	100°	0,8 - 1	36	M8 x 100	2HC3A018
14	.5512	5.556	3	7.8	100°	0,8 - 1	36	M8 x 100	2HC3A019
14	.5512	5.6	3	7.8	100°	0,8 - 1	36	M8 x 100	2HC3A020
14	.5512	6	3	8	100°	0,8 - 1	37	M8 x 100	2HC3A021
14	.5512	6.27	3	8.1	100°	0,8 - 1	37	M8 x 100	2HC3A022
14	.5512	6.35	3	8.2	100°	0,8 - 1	37	M8 x 100	2HC3A023
14	.5512	6.65	3	8.3	100°	0,8 - 1	37	M8 x 100	2HC3A024
14	.5512	8	3	9	100°	1 - 1,25	38	M8 x 100	2HC3A025

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, see p.219

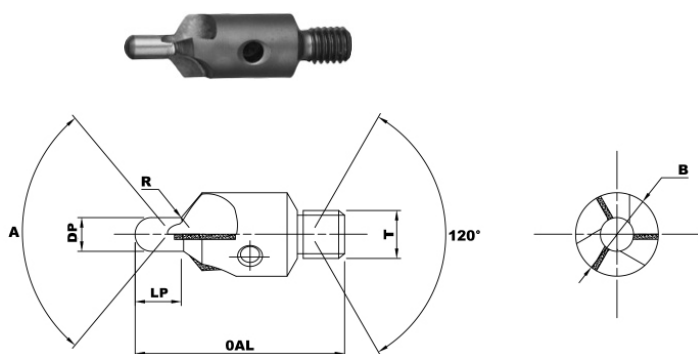


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2HC

Metric integral pilot countersink

PCD – Steel pilot



Characteristics

- ⌘ To use with metric microstop cages
- ⌘ Straight countersink, right-hand cut
- ⌘ PCD countersink, steel body and pilot
- ⌘ For composite materials
- ⌘ Countersinks with a radius equal to or greater than that of standard fasteners and rivets



ØD (mm)	ØD (inch)	ØDP (mm)	Z	LP (mm)	a°	R (mm)	OAL (mm)	T	Item
10	.3937	4.16	2	9	100°	0,5 - 0,7	37	M6x100	2HC6A201
10	.3937	4.16	2	9	130°	0,5 - 0,7	37	M6x100	2HC6A202
12	.4724	4.81	2	9	100°	0,5 - 0,7	37	M6x100	2HC6A301
12	.4724	4.81	2	9	130°	0,5 - 0,7	37	M6x100	2HC6A302
14	.5512	4.81	2	9	100°	0,5 - 0,7	37	M8x100	2HC6A303
12	.4724	4.82	2	6	130°	0,5 - 0,7	34	M8x100	2HC6A304
14	.5512	5.54	2	10	100°	0,5 - 0,7	38	M8x100	2HC6A3A1
14	.5512	5.54	2	6	130°	0,5 - 0,7	34	M8x100	2HC6A3A2
14	.5512	6.34	2	10	100°	0,5 - 0,7	38	M8x100	2HC6A401
14	.5512	6.34	2	10	130°	0,5 - 0,7	38	M8x100	2HC6A402
17	.6693	7.93	2	11	100°	0,8 - 1	39	M8x100	2HC6A501

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, see p.219

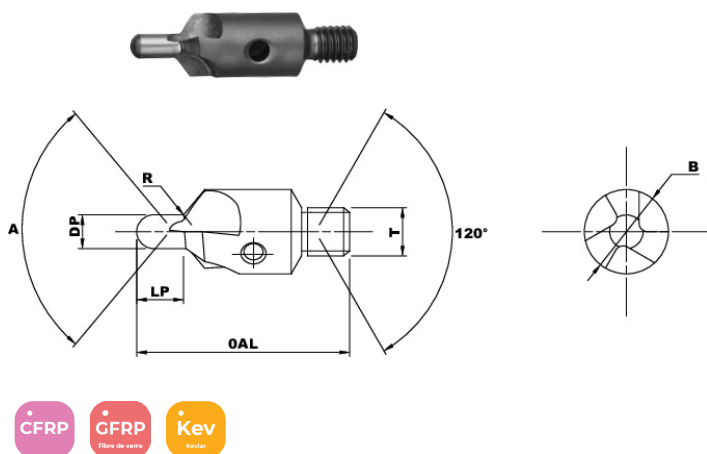


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2HC

Metric integral pilot countersink

PCD – Steel pilot



Characteristics

- ⌘ To use with metric microstop cages
- ⌘ Straight countersink, right-hand cut
- ⌘ PCD countersink, steel body and carbide pilot
- ⌘ For composite materials
- ⌘ Countersinks with a radius equal to or greater than that of standard fasteners and rivets



ØD (mm)	ØD (inch)	ØDP (mm)	Z	LP (mm)	a°	R (mm)	OAL (mm)	T	Item
10	.3937	4.16	3	7	100°	0,6 - 0,8	35	M6x100	2HC7A201
10	.3937	4.16	3	7	130°	0,5 - 0,7	35	M6x100	2HC7A202
12	.4724	4.82	2	9	100°	0,5 - 0,7	37	M6x100	2HC7A301
10	.3937	4.82	3	7	130°	0,5 - 0,7	35	M6x100	2HC7A302
14	.5512	5.54	3	10	100°	0,5 - 0,7	38	M8x100	2HC7A3A1
14	.5512	5.55	3	10	130°	0,5 - 0,7	36	M8x100	2HC7A3A5
14	.5512	6.34	2	10	100°	0,5 - 0,7	38	M8x100	2HC7A401
14	.5512	6.34	3	12	100°	0,5 - 0,7	40	M8x100	2HC7A402
14	.5512	6.34	3	12	130°	0,5 - 0,7	36	M8x100	2HC7A403
17	.6693	7.93	2	8	100°	0,8 - 1	39	M8x100	2HC7A501
17	.6693	7.93	3	8	100°	0,8 - 1	37	M8x100	2HC7A502

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, see p.219

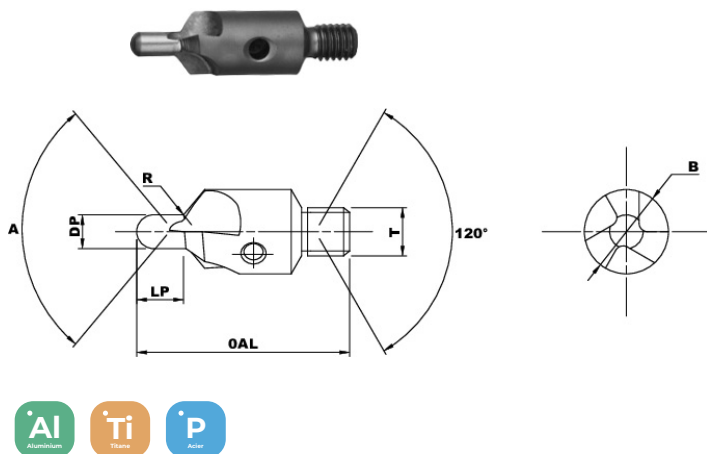


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2HD

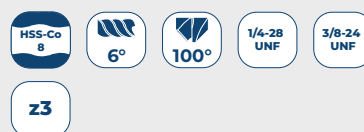
Inch integral pilot countersink

HSS Co 8%



Characteristics

- ⌘ To use with inch microstop cages
- ⌘ Right-hand cut countersink, right-hand helix 6°
- ⌘ HSS Co 8% countersink
- ⌘ For aluminum, titanium, steel
- ⌘ Countersinks with a radius equal to or greater than that of standard fasteners and rivets



ØD (mm)	ØD (inch)	ØDP (mm)	Z	LP (mm)	a°	R (mm)	OAL (mm)	T	Item
10	.3937	2.381	3	6.2	100°	0,4 - 0,6	34	1/4-28 UNF	2HD1A001
10	.3937	2.5	3	6.3	100°	0,4 - 0,6	34	1/4-28 UNF	2HD1A002
10	.3937	3	3	6.5	100°	0,4 - 0,6	35	1/4-28 UNF	2HD1A003
10	.3937	3.175	3	6.6	100°	0,6 - 0,8	35	1/4-28 UNF	2HD1A004
10	.3937	3.5	3	6.8	100°	0,6 - 0,8	35	1/4-28 UNF	2HD1A005
10	.3937	3.572	3	6.8	100°	0,6 - 0,8	35	1/4-28 UNF	2HD1A006
10	.3937	3.6	3	6.8	100°	0,6 - 0,8	35	1/4-28 UNF	2HD1A007
10	.3937	3.969	3	7	100°	0,6 - 0,8	35	1/4-28 UNF	2HD1A008
10	.3937	4	3	7	100°	0,6 - 0,8	35	1/4-28 UNF	2HD1A009
10	.3937	4.15	3	7.1	100°	0,6 - 0,8	35	1/4-28 UNF	2HD1A010
10	.3937	4.763	3	7.4	100°	0,8 - 1	35	1/4-28 UNF	2HD1A011
10	.3937	4.8	3	7.4	100°	0,8 - 1	35	1/4-28 UNF	2HD1A012
10	.3937	5	3	7.5	100°	0,8 - 1	36	1/4-28 UNF	2HD1A013
10	.3937	5.556	3	7.8	100°	0,8 - 1	36	1/4-28 UNF	2HD1A014
10	.3937	5.6	3	7.8	100°	0,8 - 1	36	1/4-28 UNF	2HD1A015
14	.5512	4.763	3	7.4	100°	0,8 - 1	35	1/4-28 UNF	2HD1A016
14	.5512	4.8	3	7.4	100°	0,8 - 1	35	1/4-28 UNF	2HD1A017
14	.5512	5	3	7.5	100°	0,8 - 1	36	1/4-28 UNF	2HD1A018
14	.5512	5.556	3	7.8	100°	0,8 - 1	36	1/4-28 UNF	2HD1A019
14	.5512	5.6	3	7.8	100°	0,8 - 1	36	1/4-28 UNF	2HD1A020
14	.5512	6	3	8	100°	0,8 - 1	36	1/4-28 UNF	2HD1A021
14	.5512	6.27	3	8.1	100°	0,8 - 1	36	1/4-28 UNF	2HD1A022
14	.5512	6.35	3	8.2	100°	0,8 - 1	36	1/4-28 UNF	2HD1A023
14	.5512	6.65	3	8.3	100°	0,8 - 1	36	1/4-28 UNF	2HD1A024
14	.5512	8	3	9	100°	1 - 1,25	37	1/4-28 UNF	2HD1A025
17	.6693	6.27	3	8.1	100°	0,8 - 1	36	1/4-28 UNF	2HD1A026
17	.6693	6.35	3	8.2	100°	0,8 - 1	36	1/4-28 UNF	2HD1A027
17	.6693	6.65	3	8.3	100°	0,8 - 1	36	1/4-28 UNF	2HD1A028
17	.6693	8	3	9	100°	1 - 1,25	37	1/4-28 UNF	2HD1A029
17	.6693	9.525	3	9.8	100°	1 - 1,25	38	1/4-28 UNF	2HD1A030
21	.8268	9.525	3	9.8	100°	1 - 1,25	38	3/8-24 UNF	2HD1A031
21	.8268	10	3	10	100°	1 - 1,25	38	3/8-24 UNF	2HD1A032
22.225	7/8	11.112	3	10.6	100°	1,25 - 1,5	53	3/8-24 UNF	2HD1A033
25.4	1	11.112	3	10.6	100°	1,25 - 1,5	53	3/8-24 UNF	2HD1A034
28.575	1 1/8	12.7	3	11.4	100°	1,5 - 1,75	53	3/8-24 UNF	2HD1A035
30	1.1811	14	3	12	100°	1,5 - 1,75	54	3/8-24 UNF	2HD1A036
31.75	1 1/4	12.7	3	11.4	100°	1,5 - 1,75	53	3/8-24 UNF	2HD1A037
34.925	1 3/8	14.288	3	12.1	100°	1,5 - 1,75	54	3/8-24 UNF	2HD1A038
38.1	1 1/2	15.875	3	12.9	100°	1,75 - 2	55	3/8-24 UNF	2HD1A039

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, see p.219

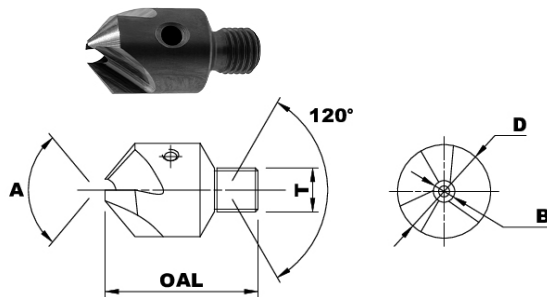


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2HE

Metric inserted pilot countersink

HSS Co 8%



Characteristics

⌘ To use with metric microstop cages and removable pilot 2YA

⌘ Right-hand cut countersink, right-hand helix 6°

⌘ HSS Co 8% countersink

⌘ For aluminum, titanium, steel



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

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, see p.219

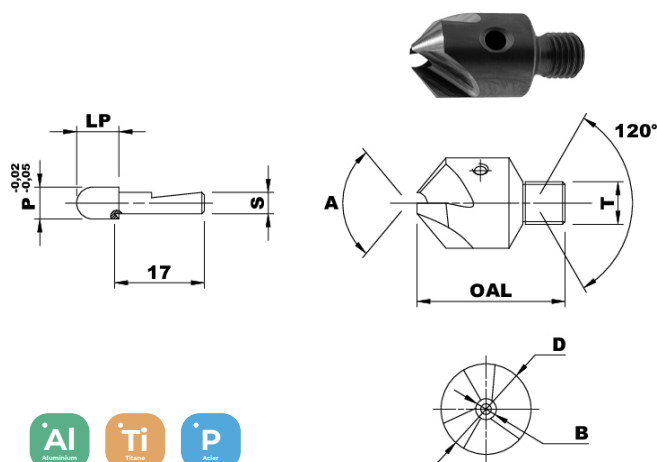


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2HE

Metric inserted pilot countersink

HSS Co 8%



Characteristics

- ⌘ To use with metric microstop cages and removable pilot 2YA
- ⌘ Right-hand cut countersink, right-hand helix 6°
- ⌘ HSS Co 8% countersink
- ⌘ For aluminum, titanium, steel



ØD (mm)	ØD (inch)	ØDP (mm)	B (mm)	Z	a°	OAL (mm)	T	Item
10	.3937	2	2	2	100°	28	M6 x 100	2HE1A200
10	.3937	2.381	2	2	100°	28	M6 x 100	2HE1A238
10	.3937	2.4	2	2	100°	28	M6 x 100	2HE1A240
10	.3937	2.5	2	2	100°	28	M6 x 100	2HE1A250
10	.3937	2.8	2.5	2	100°	28	M6 x 100	2HE1A280
10	.3937	3	2.5	2	100°	28	M6 x 100	2HE1A300
10	.3937	3.175	2.5	2	100°	28	M6 x 100	2HE1A317
10	.3937	3.2	2.5	2	100°	28	M6 x 100	2HE1A320
10	.3937	3.5	2.5	2	100°	28	M6 x 100	2HE1A350
10	.3937	4	3.5	2	100°	28	M6 x 100	2HE1A400
10	.3937	4.15	3.5	2	100°	28	M6 x 100	2HE1A415
14	.5512	4.763	4	2	100°	28	M8 x 100	2HE1A476
14	.5512	4.8	4	2	100°	28	M8 x 100	2HE1A480
14	.5512	5	4	2	100°	28	M8 x 100	2HE1A500
14	.5512	5.6	4	2	100°	28	M8 x 100	2HE1A560
14	.5512	6	4	2	100°	28	M8 x 100	2HE1A600
14	.5512	6.35	4	2	100°	28	M8 x 100	2HE1A635
17	.6693	7.938	5	3	100°	28	M8 x 100	2HE1A794
17	.6693	8	5	3	100°	28	M8 x 100	2HE1A800
21	.8268	9.525	5	3	100°	28	M8 x 100	2HE1A952
21	.8268	10	5	3	100°	28	M8 x 100	2HE1A000

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XE, 2XF, see p.219

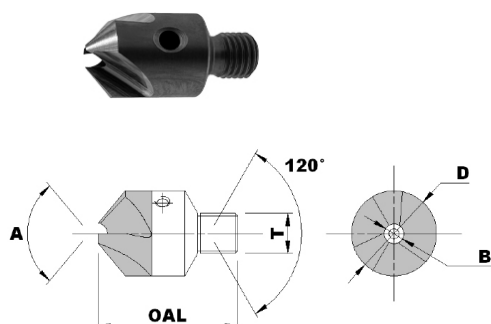


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2HE

Metric inserted pilot countersink

Brazed carbide



Characteristics

- ⌘ To use with metric microstop cages and removable pilot 2YA
- ⌘ Countersink, right-hand helix 3°, right-hand cut
- ⌘ Brazed carbide countersink
- ⌘ For aluminum, titanium, steel, composite materials



ØD (mm)	ØD (inch)	B (mm)	Z	a°	OAL (mm)	T	Item
10	.3937	2	2	100°	28	M6 x 100	2HE3A025
10	.3937	2	3	100°	28	M6 x 100	2HE3A001
10	.3937	2.5	2	100°	28	M6 x 100	2HE3A026
10	.3937	2.5	3	100°	28	M6 x 100	2HE3A002
10	.3937	3	2	100°	28	M6 x 100	2HE3A027
10	.3937	3	3	100°	28	M6 x 100	2HE3A003
10	.3937	3.5	2	100°	28	M6 x 100	2HE3A028
10	.3937	3.5	3	100°	28	M6 x 100	2HE3A004
14	.5512	2.5	3	100°	28	M8 x 100	2HE3A005
14	.5512	3	3	100°	28	M8 x 100	2HE3A006
14	.5512	3.5	3	100°	28	M8 x 100	2HE3A007
14	.5512	4	2	100°	28	M8 x 100	2HE3A029
14	.5512	4	3	100°	28	M8 x 100	2HE3A008
17	.6693	3	3	100°	28	M8 x 100	2HE3A009
17	.6693	3.5	3	100°	28	M8 x 100	2HE3A010
17	.6693	4	3	100°	28	M8 x 100	2HE3A011
17	.6693	5	3	100°	28	M8 x 100	2HE3A012
21	.8268	3.5	3	100°	28	M8 x 100	2HE3A013
21	.8268	4	3	100°	28	M8 x 100	2HE3A014
21	.8268	5	3	100°	28	M8 x 100	2HE3A015
22.225	.875 (7/8)	6	3	100°	42	M10 x 100	2HE3A016
25.4	1	6	3	100°	42	M10 x 100	2HE3A017
28.575	1.125 (1-1/8)	6	3	100°	42	M10 x 100	2HE3A018
30	1.1811	6	3	100°	42	M10 x 100	2HE3A019
31.75	1.25 (1-1/4)	6	3	100°	42	M10 x 100	2HE3A020
34.925	1.375 (1-3/8)	6	3	100°	42	M10 x 100	2HE3A021
38.1	1.5 (1-1/2)	6	3	100°	42	M10 x 100	2HE3A022
ØD (mm)	ØD (inch)	B (mm)	Z	a°	OAL (mm)	T	Item
10	.3937	2	3	90°	28	M6 x 100	2HE3A030
10	.3937	2.5	3	90°	28	M6 x 100	2HE3A031
10	.3937	3	3	90°	28	M6 x 100	2HE3A032
10	.3937	3.5	3	90°	28	M6 x 100	2HE3A033
14	.5512	4	3	90°	28	M8 x 100	2HE3A034
17	.6693	5	3	90°	28	M8 x 100	2HE3A035
21	.8268	5	3	90°	28	M8 x 100	2HE3A036
ØD (mm)	ØD (inch)	B (mm)	Z	a°	OAL (mm)	T	Item
10	.3937	2	3	130°	28	M6 x 100	2HE3A037
10	.3937	2.5	3	130°	28	M6 x 100	2HE3A038
10	.3937	3	3	130°	28	M6 x 100	2HE3A023
10	.3937	3.5	3	130°	28	M6 x 100	2HE3A039
14	.5512	3	3	130°	28	M8 x 100	2HE3A024
14	.5512	4	2	130°	28	M8 x 100	2HE3A040
14	.5512	4	3	130°	28	M8 x 100	2HE3A041
17	.6693	4	3	130°	28	M8 x 100	2HE3A042
17	.6693	5	3	130°	28	M8 x 100	2HE3A043

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XE, 2XF, see p.219

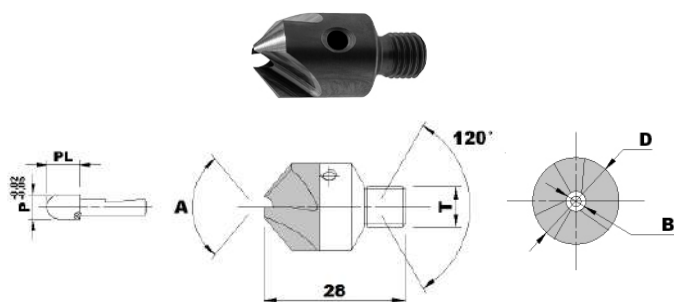


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2HE

Metric inserted pilot countersink

Brazed carbide



Characteristics

- ⌘ To use with metric microstop cages and removable pilot 2YA
- ⌘ Countersink, right-hand helix 3°, right-hand cut
- ⌘ Brazed carbide countersink
- ⌘ For aluminum, titanium, steel, composite materials



ØD (mm)	ØD (inch)	ØDP (mm)	B (mm)	Z	a°	OAL (mm)	T	Item
10	.3937	2	2	3	100°	28	M6 x 100	2HE3A200
10	.3937	2.381	2	3	100°	28	M6 x 100	2HE3A238
10	.3937	2.4	2	3	100°	28	M6 x 100	2HE3A240
10	.3937	2.5	2	3	100°	28	M6 x 100	2HE3A250
10	.3937	2.8	2.5	3	100°	28	M6 x 100	2HE3A280
10	.3937	3	2.5	3	100°	28	M6 x 100	2HE3A300
10	.3937	3.175	2.5	3	100°	28	M6 x 100	2HE3A317
10	.3937	3.2	2.5	3	100°	28	M6 x 100	2HE3A320
10	.3937	3.5	2.5	3	100°	28	M6 x 100	2HE3A350
10	.3937	4	3.5	3	100°	28	M6 x 100	2HE3A400
10	.3937	4.15	3.5	3	100°	28	M6 x 100	2HE3A415
14	.5512	4.763	4	3	100°	28	M8 x 100	2HE3A476
14	.5512	4.8	4	3	100°	28	M8 x 100	2HE3A480
14	.5512	5	4	3	100°	28	M8 x 100	2HE3A500
14	.5512	5.6	4	3	100°	28	M8 x 100	2HE3A560
14	.5512	6	4	3	100°	28	M8 x 100	2HE3A600
14	.5512	6.35	4	3	100°	28	M8 x 100	2HE3A635
17	.6693	7.938	5	3	100°	28	M8 x 100	2HE3A794
17	.6693	8	5	3	100°	28	M8 x 100	2HE3A800
21	.8268	9.525	5	3	100°	28	M8 x 100	2HE3A952
21	.8268	10	5	3	100°	28	M8 x 100	2HE3A000

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XE, 2XF, see p.219

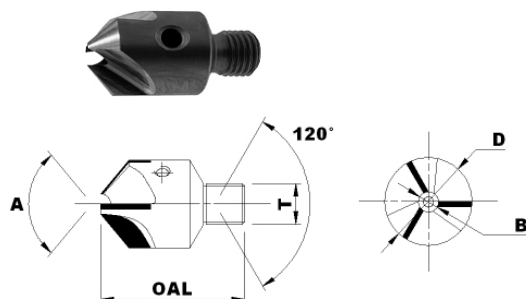


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2HE

Metric inserted pilot countersink

PCD



Characteristics

- ☒ To use with metric microstop cages and removable pilot 2YA
- ☒ Straight countersink, right-hand cut
- ☒ PCD countersink
- ☒ For composite materials
- ☒ The minimum pilot dimension must be 0.4 mm greater than the bore diameter



ØD (mm)	ØD (inch)	B (mm)	Z	a°	OAL (mm)	T	Item
10	.3937	2	2	100°	28	M6 x 100	2HE6A023
10	.3937	2	3	100°	28	M6 x 100	2HE6A001
10	.3937	2.5	2	100°	28	M6 x 100	2HE6A024
10	.3937	2.5	3	100°	28	M6 x 100	2HE6A002
10	.3937	3	2	100°	28	M6 x 100	2HE6A035
10	.3937	3	3	100°	28	M6 x 100	2HE6A003
10	.3937	3.5	2	100°	28	M6 x 100	2HE6A028
10	.3937	3.5	3	100°	28	M6 x 100	2HE6A004
14	.5512	2.5	3	100°	28	M8 x 100	2HE6A005
14	.5512	3	2	100°	28	M8 x 100	2HE6A034
14	.5512	3	3	100°	28	M8 x 100	2HE6A006
14	.5512	3.5	3	100°	28	M8 x 100	2HE6A007
14	.5512	4	2	100°	28	M8 x 100	2HE6A025
14	.5512	4	3	100°	28	M8 x 100	2HE6A008
17	.6693	3	3	100°	28	M8 x 100	2HE6A009
17	.6693	3.5	3	100°	28	M8 x 100	2HE6A010
17	.6693	4	3	100°	28	M8 x 100	2HE6A011
17	.6693	5	2	100°	28	M8 x 100	2HE6A026
17	.6693	5	3	100°	28	M8 x 100	2HE6A012
21	.8268	3.5	3	100°	28	M8 x 100	2HE6A013
21	.8268	4	3	100°	28	M8 x 100	2HE6A014
21	.8268	5	2	100°	28	M8 x 100	2HE6A027
21	.8268	5	3	100°	28	M8 x 100	2HE6A015
22.225	.875 (7/8)	6	3	100°	42	M10 x 100	2HE6A016
25.4	1	6	3	100°	42	M10 x 100	2HE6A017
28.575	1.125 (1-1/8)	6	3	100°	42	M10 x 100	2HE6A018
30	1.1811	6	3	100°	42	M10 x 100	2HE6A019
31.75	1.25 (1-1/4)	6	3	100°	42	M10 x 100	2HE6A020
34.925	1.375 (1-3/8)	6	3	100°	42	M10 x 100	2HE6A021
38.1	1.5 (1-1/2)	6	3	100°	42	M10 x 100	2HE6A022

ØD (mm)	ØD (inch)	B (mm)	Z	a°	OAL (mm)	T	Item
10	.3937	2.5	2	130°	28	M6 x 100	2HE6A029
10	.3937	3	2	130°	28	M6 x 100	2HE6A036
14	.5512	3	2	130°	28	M8 x 100	2HE6A032
14	.5512	4	2	130°	28	M8 x 100	2HE6A030
17	.6693	5	2	130°	28	M8 x 100	2HE6A033
21	.8268	5	3	130°	28	M8 x 100	2HE6A031

☒ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, see p.219

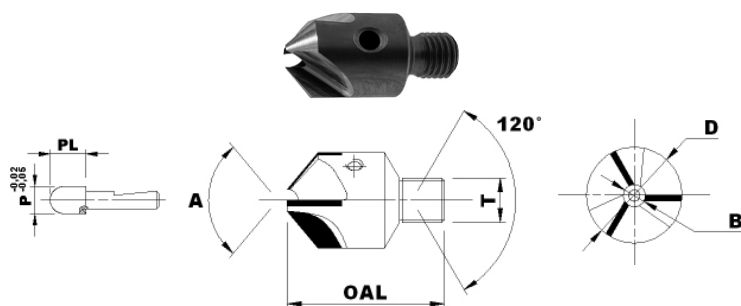


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2HE

Metric inserted pilot countersink

PCD



Characteristics

- ⌘ To use with metric microstop cages and removable pilot 2YA
- ⌘ Straight countersink, right-hand cut
- ⌘ PCD countersink
- ⌘ For composite materials
- ⌘ The minimum pilot dimension must be 0.4 mm greater than the bore diameter



ØD (mm)	ØD (inch)	ØDP (mm)	B (mm)	Z	a°	OAL (mm)	T	Item
10	.3937	2.4	2	2	100°	28	M6 x 100	2HE6A240
10	.3937	2.5	2	2	100°	28	M6 x 100	2HE6A250
10	.3937	3	2.5	2	100°	28	M6 x 100	2HE6A300
10	.3937	3.175	2.5	2	100°	28	M6 x 100	2HE6A317
10	.3937	3.2	2.5	2	100°	28	M6 x 100	2HE6A320
10	.3937	3.5	2.5	2	100°	28	M6 x 100	2HE6A350
10	.3937	4	2.5	2	100°	28	M6 x 100	2HE6A400
10	.3937	4.15	2.5	2	100°	28	M6 x 100	2HE6A415
14	.5512	4.763	4	2	100°	28	M8 x 100	2HE6A476
14	.5512	4.8	4	2	100°	28	M8 x 100	2HE6A480
14	.5512	5	4	2	100°	28	M8 x 100	2HE6A500
14	.5512	5.6	4	2	100°	28	M8 x 100	2HE6A560
14	.5512	6	4	2	100°	28	M8 x 100	2HE6A600
14	.5512	6.35	4	2	100°	28	M8 x 100	2HE6A635
17	.6693	7	5	2	100°	28	M8 x 100	2HE6A700
17	.6693	7.938	5	2	100°	28	M8 x 100	2HE6A794
17	.6693	8	5	2	100°	28	M8 x 100	2HE6A800
21	.8268	9.525	5	3	100°	28	M8 x 100	2HE6A952
21	.8268	10	5	3	100°	28	M8 x 100	2HE6A000

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, 2XG see p.219

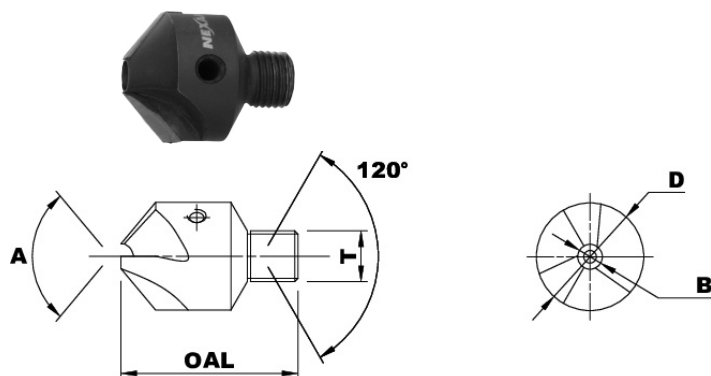


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2HF

Inch inserted pilot countersink

HSS Co 8%



Characteristics

- ⌘ To use with inch microstop cages and removable pilot 2YA
- ⌘ Right-hand cut countersink, right-hand helix 6°
- ⌘ HSS Co 8% countersink
- ⌘ For aluminum, titanium, steel



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

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, 2XG see p.219

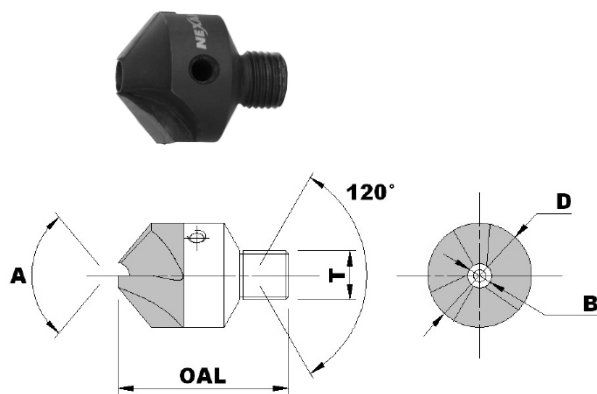


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2HF

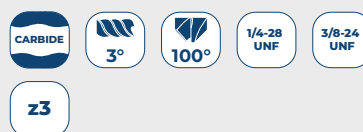
Inch inserted pilot countersink

Brazed carbide



Characteristics

- ⌘ To use with inch microstop cages and removable pilot 2YA
- ⌘ Countersink, right-hand helix 3°, right-hand cut
- ⌘ Brazed carbide countersink
- ⌘ For aluminum, titanium, steel, composite materials



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

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, 2XG see p.219

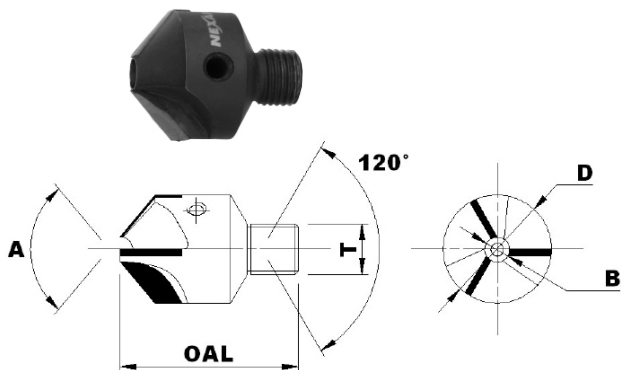


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2HF

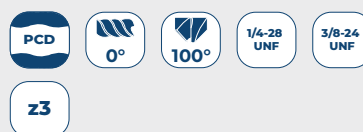
Inch inserted pilot countersink

PCD



Characteristics

- ⌘ To use with inch microstop cages and removable pilot 2YA
- ⌘ Straight countersink, right-hand cut
- ⌘ PCD countersink
- ⌘ For composite materials
- ⌘ The minimum pilot dimension must be 0.8 mm greater than the bore diameter



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

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, 2XG see p.219

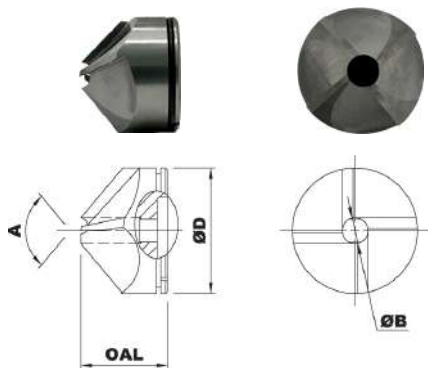


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2HG

Back countersink - Bayonet lock type

HSS Co 8%



Characteristics

- ⌘ To use with our bayonet lock type pilots 2YB
- ⌘ Left-hand cut countersink, left-hand helix 12°
- ⌘ HSS Co 8% countersink
- ⌘ For aluminum, titanium, steel



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

⌘ Compatible with the 2YB driver for counterbore cutters and countersinks – pull type, see p.114

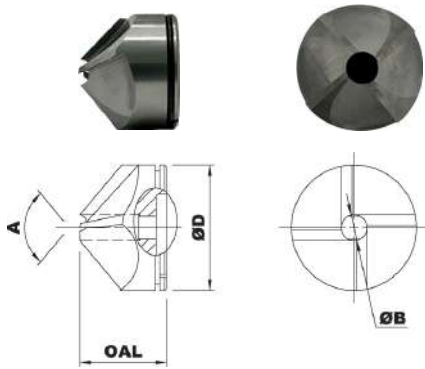


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2HG

Back countersink - Bayonet lock type

HSS Co 8%



Characteristics

- ⌘ To use with our bayonet lock type pilots 2YB
- ⌘ Left-hand cut countersink, left-hand helix 12°
- ⌘ HSS Co 8% countersink
- ⌘ For aluminum, titanium, steel



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

⌘ Compatible with the 2YB driver for counterbore cutters and countersinks - pull type, see p.114

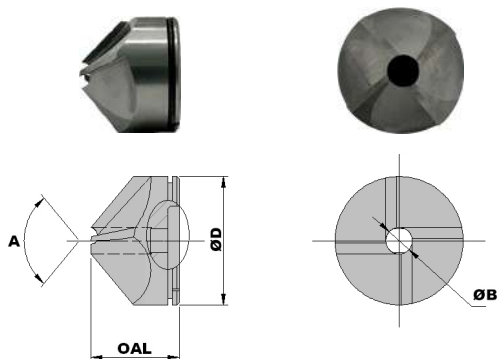


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2HG

Back countersink - Bayonet lock type

Solid carbide



Characteristics

- ⌘ To use with our bayonet lock type pilots 2YB
- ⌘ Countersink, right-hand helix 3°, left-hand cut
- ⌘ Solid carbide countersink
- ⌘ For aluminum, titanium, steel, composite materials



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

⌘ Compatible with the 2YB driver for counterbore cutters and countersinks - pull type, see p.114

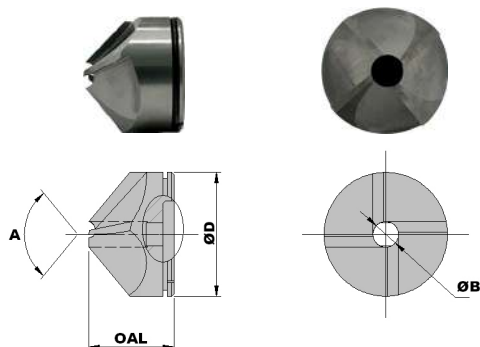


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2HG

Back countersink - Bayonet lock type

Solid carbide



Characteristics

- ⌘ To use with our bayonet lock type pilots 2YB
- ⌘ Countersink, right-hand helix 3°, left-hand cut
- ⌘ Solid carbide countersink
- ⌘ For aluminum, titanium, steel, composite materials



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

⌘ Compatible with the 2YB driver for counterbore cutters and countersinks - pull type, see p.114

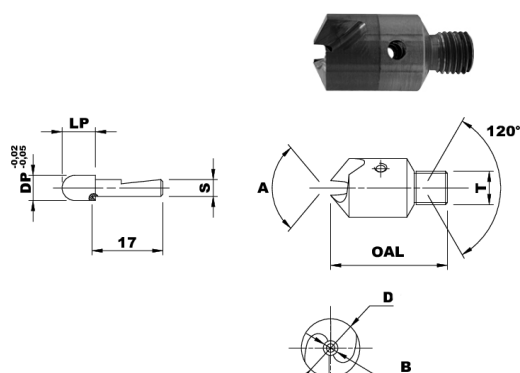


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2HH

Metric inserted pilot countersink

HSS Co 8% - SPECIAL COMPOSITES



Characteristics

- ⌘ To use with metric microstop cages and removable pilot 2YA
- ⌘ Right-hand cut countersink
- ⌘ HSS Co 8% countersink
- ⌘ For composite materials
- ⌘ Cutting geometry adapted for machining Kevlar and composite materials, prevents delamination



ØD (mm)	ØD (inch)	ØDP (mm)	B (mm)	Z	a°	OAL (mm)	T	Item
10	.3937	3	2.5	2	100°	28	M6 x 100	2HH1A300
10	.3937	3.175	2.5	2	100°	28	M6 x 100	2HH1A317
10	.3937	3.2	2.5	2	100°	28	M6 x 100	2HH1A320
10	.3937	3.5	2.5	2	100°	28	M6 x 100	2HH1A350
10	.3937	4	2.5	2	100°	28	M6 x 100	2HH1A400
10	.5512		2.5	2	100°	28	M6 x 100	2HH1A001
10	.5512	4.15	2.5	2	100°	28	M6 x 100	2HH1A415
14	.3937		4	2	100°	28	M8 x 100	2HH1A002
14	.3937	6.35	4	2	100°	28	M8 x 100	2HH1A635
14	.5512	4.8	4	2	100°	28	M8 x 100	2HH1A480
14	.5512	5	4	2	100°	28	M8 x 100	2HH1A500
14	.5512	6	4	2	100°	28	M8 x 100	2HH1A600

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, 2XG, see p.219

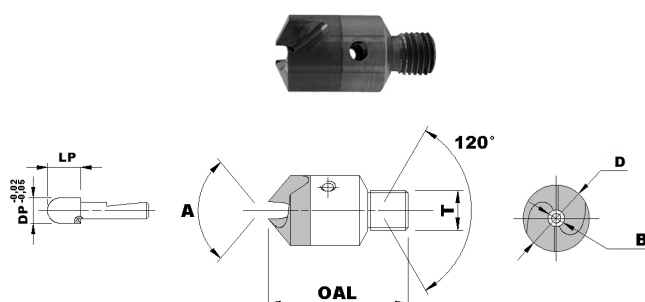


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2HH

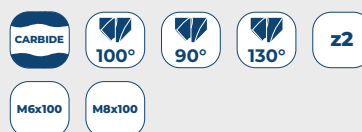
Metric inserted pilot countersink

Brazed Carbide -
SPECIAL COMPOSITES



Characteristics

- ⌘ To use with metric microstop cages and removable pilot 2YA
- ⌘ Right-hand cut countersink
- ⌘ Brazed carbide countersink
- ⌘ For composite materials
- ⌘ Cutting geometry adapted for machining Kevlar and composite materials, prevents delamination



ØD (mm)	ØD (inch)	ØDP (mm)	B (mm)	Z	a°	OAL (mm)	T	Item
FRAISEURS SEULS								
10	.5512		2.5	2	100°	28	M6 x 100	2HH3A001
10	.3937		2.5	2	90°	28	M6 x 100	2HH3A003
10	.5512		2.5	2	130°	28	M6 x 100	2HH3A004
14	.3937		4	2	100°	28	M8 x 100	2HH3A002
14	.5512		4	2	90°	28	M8 x 100	2HH3A005
14	.3937		4	2	130°	28	M8 x 100	2HH3A006

ØD (mm)	ØD (inch)	ØDP (mm)	B (mm)	Z	a°	OAL (mm)	T	Item
FRAISEURS AVEC PILOTE MONTÉ								
10	.3937	3	2.5	2	100°	28	M6 x 100	2HH3A300
10	.3937	3.175	2.5	2	100°	28	M6 x 100	2HH3A317
10	.3937	3.2	2.5	2	100°	28	M6 x 100	2HH3A320
10	.3937	3.5	2.5	2	100°	28	M6 x 100	2HH3A350
10	.3937	4	2.5	2	100°	28	M6 x 100	2HH3A400
10	.5512	4.15	2.5	2	100°	28	M6 x 100	2HH3A415
14		6.35	14	2	100°	28	M8 x 100	2HH3A635
14	.5512	4.8	4	2	100°	28	M8 x 100	2HH3A480
14	.5512	5	4	2	100°	28	M8 x 100	2HH3A500
14	.5512	6	4	2	100°	28	M8 x 100	2HH3A600

⌘ To be used with our micrometric stops 2XA, 2XB, 2XC, 2XD, 2XE, 2XF, 2XG, see p.219

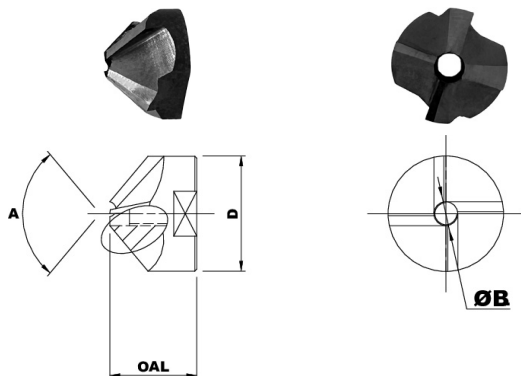


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2HJ

Back countersink with thread

HSS Co 8%



Characteristics

- ⌘ To use with our threaded pilots 2YD
- ⌘ Left-hand cut countersink, left-hand helix 12°
- ⌘ HSS Co 8% countersink
- ⌘ For aluminum, titanium, steel



ØD (mm)	B (mm)	Z	a°	OAL (mm)	Item
6	M2	4	100°	10	2HJ1A001
6	M2	4	100°	6.5	2HJ1A002
6	M2,5	4	100°	7	2HJ1A003
8	M2,5	4	100°	7	2HJ1A004
10	M2,5	4	100°	7	2HJ1A005
8	M3	4	100°	10	2HJ1A006
12	M3	4	90°	10	2HJ1A007
12	M4	4	100°	10	2HJ1A008
10	M4	4	100°	12	2HJ1A009
14	M5	4	100°	16	2HJ1A010
16	M5	4	100°	16	2HJ1A011
20	M5	4	100°	16	2HJ1A012
20	M6	4	100°	14	2HJ1A013

⌘ Compatible with the 2YD driver for counterbore cutters and countersinks – pull type, see p.114

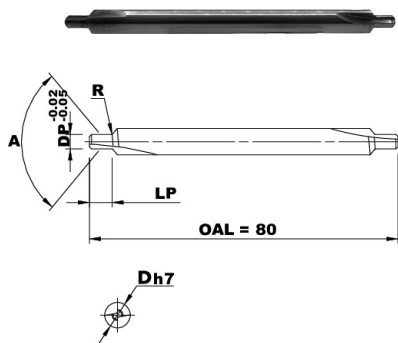


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2HI

Double solid pilot countersink

HSS Co 5%



Characteristics

- ⌘ These cutters can be held in a chuck or collet for 100° countersinking of easily accessible holes
- ⌘ Straight countersink, right-hand cut
- ⌘ HSS Co 5% countersink
- ⌘ For aluminum, titanium, steel
- ⌘ Double tool



ØD (mm)	ØDP (mm)	LP (mm)	a°	R (mm)	OAL (mm)	Item
4.7	2.5	5	100°	0,25 - 0,30	80	2HI1A001
5.8	3.2	5	100°	0,25 - 0,30	80	2HI1A002

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2YA Pilot for counterbores and countersinks
Cylindrical shank p.115

2YB Pilot for back spotfacers and back countersinks
Bayonet lock type - Cylindrical shank p.122

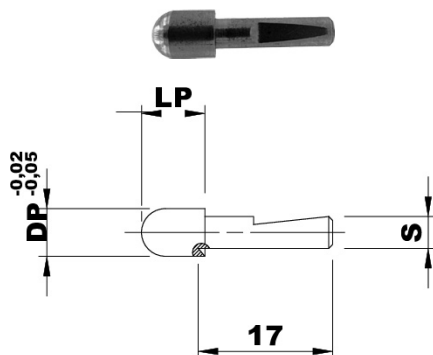
2YC Pilot for back spotfacers and back countersinks
Screwed type - Cylindrical shank p.127

2YD Pilot for holesaws
Bayonet lock type - Cylindrical shank p.128

2YA

Pilot

Steel



Characteristics

- ⌘ For our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH
- ⌘ Treated steel pilot

Treated Steel

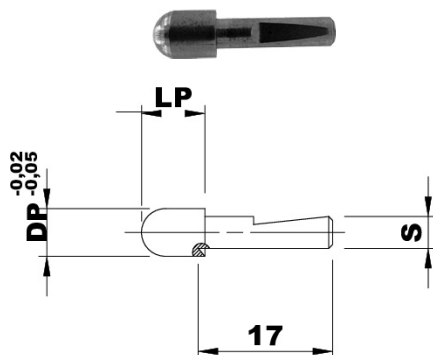
ØDP (mm)	ØDP (inch)	LP (mm)	S (mm)	Item
2	.0787	6	2	2YA0A001
2.381	.0937	6.2	2	2YA0A002
2.4	.0945	6.2	2	2YA0A003
2.5	.0984	6.3	2	2YA0A004
2.8	.1102	6.4	2	2YA0A005
3	.1181	6.5	2	2YA0A006
3.175	.125	6.6	2	2YA0A007
3.2	.126	6.6	2	2YA0A137
3.5	.1378	6.8	2	2YA0A008
3.572	.1406	6.8	2	2YA0A009
3.6	.1417	6.8	2	2YA0A010
3.969	.1563	7	2	2YA0A011
4	.1575	7	2	2YA0A012
4.15	.1634	7.1	2	2YA0A013
4.763	.1875	7.4	2	2YA0A014
4.8	.189	7.4	2	2YA0A015
5	.1969	7.5	2	2YA0A016
5.556	.2188	7.8	2	2YA0A017
5.6	.2205	7.8	2	2YA0A018
6	.2362	8	2	2YA0A019
6.27	.2469	8.1	2	2YA0A020
6.35	.25	8.2	2	2YA0A021
6.65	.2618	8.3	2	2YA0A022

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2YA

Pilot

Steel



Characteristics

- ⌘ For our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH
- ⌘ Treated steel pilot

Treated Steel

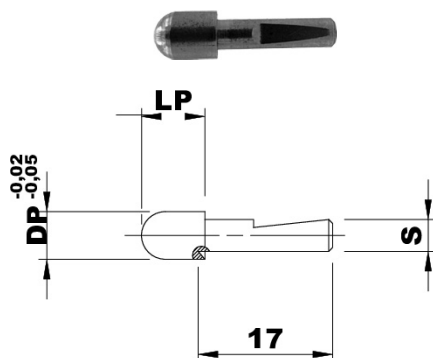
ØDP (mm)	ØDP (inch)	LP (mm)	S (mm)	Item
2.5	.0984	6.3	2.5	2YA0A023
2.8	.1102	6.4	2.5	2YA0A024
3	.1181	6.5	2.5	2YA0A025
3.175	.125	6.6	2.5	2YA0A026
3.2	.126	6.6	2.5	2YA0A138
3.5	.1378	6.8	2.5	2YA0A027
3.572	.1406	6.8	2.5	2YA0A028
3.6	.1417	6.8	2.5	2YA0A029
3.8	.1496	6.9	2.5	2YA0A030
3.969	.1563	7	2.5	2YA0A031
4	.1575	7	2.5	2YA0A032
4.15	.1634	7.1	2.5	2YA0A033
4.763	.1875	7.4	2.5	2YA0A034
4.8	.189	7.4	2.5	2YA0A035
5	.1969	7.5	2.5	2YA0A036
5.5	.2165	7.8	2.5	2YA0A139
5.556	.2188	7.8	2.5	2YA0A037
5.6	.2205	7.8	2.5	2YA0A038
6	.2362	8	2.5	2YA0A039
6.27	.2469	8.1	2.5	2YA0A040
6.35	.25	8.2	2.5	2YA0A041
6.65	.2618	8.3	2.5	2YA0A042

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2YA

Pilot

Steel



Characteristics

- ⌘ For our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH
- ⌘ Treated steel pilot

Treated Steel

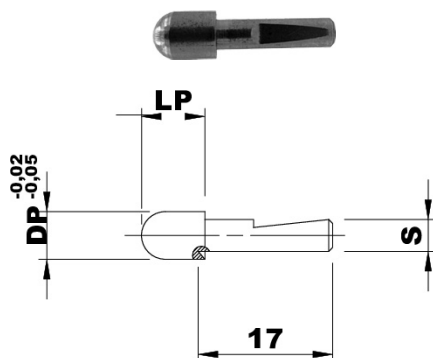
ØDP (mm)	ØDP (inch)	LP (mm)	S (mm)	Item
3	.1181	6.5	3	2YA0A043
3.175	.125	6.6	3	2YA0A044
3.2	.126	6.6	3	2YA0A045
3.5	.1378	6.8	3	2YA0A046
3.572	.1406	6.8	3	2YA0A047
3.6	.1417	6.8	3	2YA0A048
3.8	.1496	6.9	3	2YA0A049
3.969	.1563	7	3	2YA0A050
4	.1575	7	3	2YA0A051
4.1	.1614	7.1	3	2YA0A140
4.15	.1634	7.1	3	2YA0A052
4.763	.1875	7.4	3	2YA0A053
4.8	.189	7.4	3	2YA0A054
5	.1969	7.5	3	2YA0A055
5.556	.2188	7.8	3	2YA0A056
5.6	.2205	7.8	3	2YA0A057
6	.2362	8	3	2YA0A058
6.27	.2469	8.1	3	2YA0A059
6.35	.25	8.2	3	2YA0A060
6.65	.2618	8.3	3	2YA0A061
8	.315	9	3	2YA0A062
9.525	.375	9.8	3	2YA0A063
10	.3937	10	3	2YA0A064

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2YA

Pilot

Steel



Characteristics

- ⌘ For our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH
- ⌘ Treated steel pilot

Treated Steel

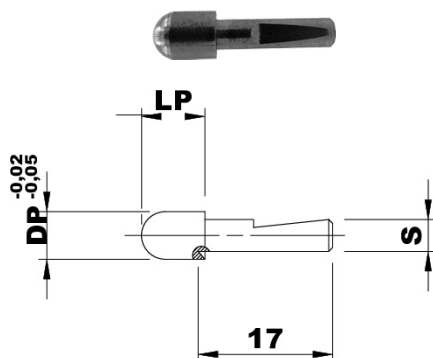
ØDP (mm)	ØDP (inch)	LP (mm)	S (mm)	Item
3.5	.1378	6.8	3.5	2YAOA065
3.572	.1406	6.8	3.5	2YAOA066
3.6	.1417	6.8	3.5	2YAOA067
3.8	.1496	6.9	3.5	2YAOA068
3.969	.1563	7	3.5	2YAOA069
4	.1575	7	3.5	2YAOA070
4.15	.1634	7.1	3.5	2YAOA071
4.763	.1875	7.4	3.5	2YAOA072
4.8	.189	7.4	3.5	2YAOA073
5	.1969	7.5	3.5	2YAOA074
5.556	.2188	7.8	3.5	2YAOA075
5.6	.2205	7.8	3.5	2YAOA076
6	.2362	8	3.5	2YAOA077
6.27	.2469	8.1	3.5	2YAOA078
6.35	.25	8.2	3.5	2YAOA079
6.65	.2618	8.3	3.5	2YAOA080
8	.315	9	3.5	2YAOA081
9.525	.375	9.8	3.5	2YAOA082
10	.3937	10	3.5	2YAOA083

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2YA

Pilot

Steel



Characteristics

- ⌘ For our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH
- ⌘ Treated steel pilot

Treated Steel

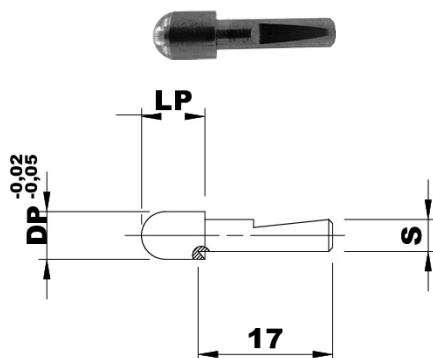
ØDP (mm)	ØDP (inch)	LP (mm)	S (mm)	Item
4	.1575	7	4	2YA0A084
4.15	.1634	7.1	4	2YA0A085
4.5	.1772	7.3	4	2YA0A086
4.763	.1875	7.4	4	2YA0A087
4.8	.189	7.4	4	2YA0A088
5	.1969	7.5	4	2YA0A089
5.556	.2188	7.8	4	2YA0A090
5.5	.2165	7.8	4	2YA0A091
5.6	.2205	7.8	4	2YA0A092
5.8	.2283	7.9	4	2YA0A093
6	.2362	8	4	2YA0A094
6.27	.2469	8.1	4	2YA0A095
6.35	.25	8.2	4	2YA0A096
6.65	.2618	8.3	4	2YA0A097
8	.315	9	4	2YA0A098
9.525	.375	9.8	4	2YA0A099
10	.3937	10	4	2YA0A100
11.112	.4375	10.6	4	2YA0A101
12.7	.5	11.4	4	2YA0A102
14	.5512	12	4	2YA0A103
14.288	.5625	12.1	4	2YA0A104
15.875	.625	12.9	4	2YA0A105

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2YA

Pilot

Steel



Characteristics

- ⌘ For our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH
- ⌘ Treated steel pilot

Treated Steel

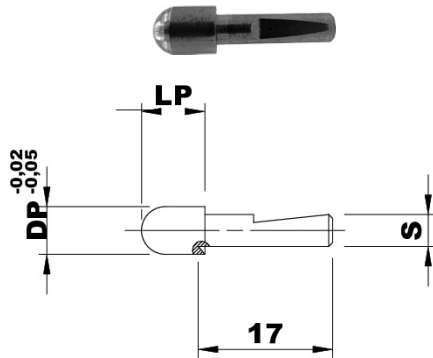
ØDP (mm)	ØDP (inch)	LP (mm)	S (mm)	Item
5	.1969	7.5	5	2YAOA106
5.556	.2188	7.8	5	2YAOA107
5.6	.2205	7.8	5	2YAOA108
6	.2362	8	5	2YAOA109
6.27	.2469	8.1	5	2YAOA110
6.35	.25	8.2	5	2YAOA111
6.65	.2618	8.3	5	2YAOA112
7	.2756	8.5	5	2YAOA113
7.8	.3071	8.9	5	2YAOA114
7.938	.3125	9	5	2YAOA115
8	.315	9	5	2YAOA116
9.525	.375	9.8	5	2YAOA117
10	.3937	10	5	2YAOA118
11.112	.4375	10.6	5	2YAOA119
12	.4724	11	5	2YAOA120
12.7	.5	11.4	5	2YAOA121
14	.5512	12	5	2YAOA122
14.288	.5625	12.1	5	2YAOA123
15.875	.625	12.9	5	2YAOA124

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2YA

Pilot

Steel



Characteristics

- ⌘ For our counterbores 2GB and 2GC, and with our countersinks 2HE, 2HF and 2HH
- ⌘ Treated steel pilot

Treated Steel

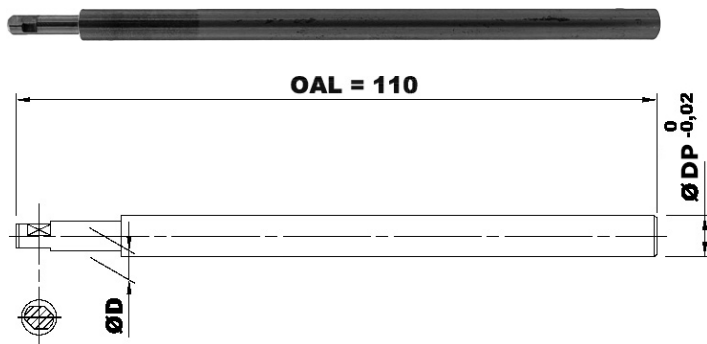
ØDP (mm)	ØDP (inch)	LP (mm)	S (mm)	Item
6	.2362	11	6	2YA0A125
6.27	.2469	11.1	6	2YA0A126
6.35	.25	11.2	6	2YA0A127
6.65	.2618	11.3	6	2YA0A128
8	.315	12	6	2YA0A129
9.525	.375	12.8	6	2YA0A130
10	.3937	13	6	2YA0A131
11.112	.4375	13.6	6	2YA0A132
12.7	.5	14.4	6	2YA0A133
14	.5512	15	6	2YA0A134
14.288	.5625	15.1	6	2YA0A135
15.875	.625	15.9	6	2YA0A136

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2YB

Pilot

Steel



Characteristics

- ⌘ Quick mounting for 2GD back spotfacer and 2HG back countersinks
- ⌘ Treated steel driver

Treated Steel

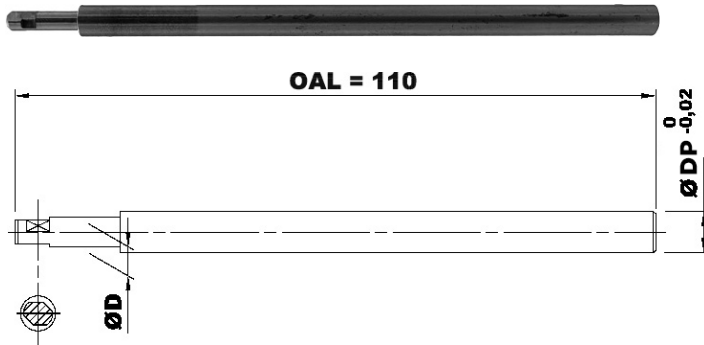
ØD (mm)	ØD (inch)	ØDP (mm)	OAL (mm)	Item
3	.1181	3	110	2YB0A001
3	.1181	3.175	110	2YB0A002
3	.1181	3.2	110	2YB0A003
3	.1181	3.5	110	2YB0A004
3	.1181	3.572	110	2YB0A005
3	.1181	3.6	110	2YB0A006
3	.1181	3.9	110	2YB0A007
3	.1181	3.969	110	2YB0A008
3	.1181	4	110	2YB0A009
3	.1181	4.15	110	2YB0A010
3	.1181	4.763	110	2YB0A011
3	.1181	4.8	110	2YB0A012
3	.1181	5	110	2YB0A013
3	.1181	5.556	110	2YB0A014
3	.1181	5.6	110	2YB0A015
3	.1181	6	110	2YB0A016
3	.1181	6.27	110	2YB0A017
3	.1181	6.35	110	2YB0A018
3	.1181	6.65	110	2YB0A019
3	.1181	8	110	2YB0A020
3	.1181	9.525	110	2YB0A021
3	.1181	10	110	2YB0A022

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2YB

Pilot

Steel



Characteristics

- ⌘ Quick mounting for 2GD back spotfacer and 2HG back countersinks
- ⌘ Treated steel driver

Treated Steel

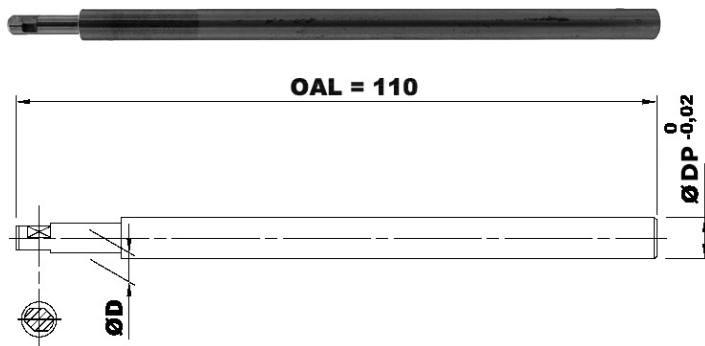
ØD (mm)	ØD (inch)	ØDP (mm)	OAL (mm)	Item
4	.1575	4	110	2YB0A023
4	.1575	4.15	110	2YB0A024
4	.1575	4.5	110	2YB0A025
4	.1575	4.763	110	2YB0A026
4	.1575	4.8	110	2YB0A027
4	.1575	5	110	2YB0A028
4	.1575	5.4	110	2YB0A029
4	.1575	5.556	110	2YB0A030
4	.1575	5.6	110	2YB0A031
4	.1575	6	110	2YB0A032
4	.1575	6.27	110	2YB0A033
4	.1575	6.35	110	2YB0A034
4	.1575	6.65	110	2YB0A035
4	.1575	8	110	2YB0A036
4	.1575	9.525	110	2YB0A037
4	.1575	10	110	2YB0A038
4	.1575	11.112	110	2YB0A039
4	.1575	12.7	110	2YB0A040
4	.1575	14	110	2YB0A041
4	.1575	14.288	110	2YB0A042
4	.1575	15.875	110	2YB0A043

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2YB

Pilot

Steel



Characteristics

- ⌘ Quick mounting for 2GD back spotfacer and 2HG back countersinks
- ⌘ Treated steel driver

Treated Steel

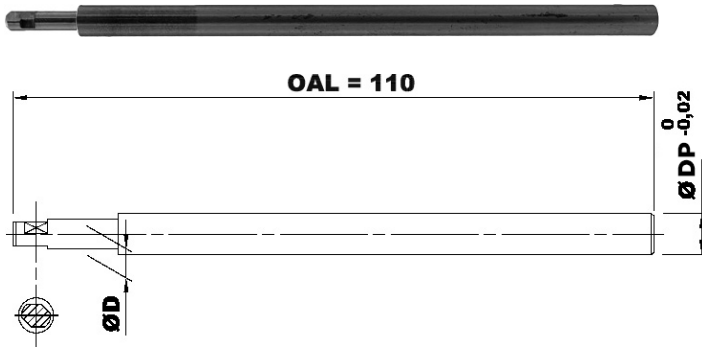
ØD (mm)	ØD (inch)	ØDP (mm)	OAL (mm)	Item
5	.1969	5	110	2YBOA044
5	.1969	5.556	110	2YBOA045
5	.1969	5.6	110	2YBOA046
5	.1969	6	110	2YBOA047
5	.1969	6.27	110	2YBOA048
5	.1969	6.35	110	2YBOA049
5	.1969	6.65	110	2YBOA050
5	.1969	7	110	2YBOA051
5	.1969	8	110	2YBOA052
5	.1969	9.525	110	2YBOA053
5	.1969	10	110	2YBOA054
5	.1969	11.112	110	2YBOA055
5	.1969	12.7	110	2YBOA056
5	.1969	14	110	2YBOA057
5	.1969	14.288	110	2YBOA058
5	.1969	15.875	110	2YBOA059

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2YB

Pilot

Steel



Characteristics

- ⌘ Quick mounting for 2GD back spotfacer and 2HG back countersinks
- ⌘ Treated steel driver

Treated Steel

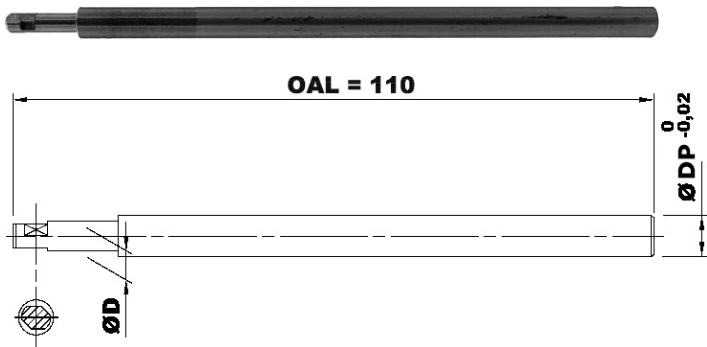
ØD (mm)	ØD (inch)	ØDP (mm)	OAL (mm)	Item
6	.2362	6	110	2YB0A060
6	.2362	6.27	110	2YB0A061
6	.2362	6.35	110	2YB0A062
6	.2362	6.65	110	2YB0A063
6	.2362	7	110	2YB0A064
6	.2362	8	110	2YB0A065
6	.2362	9	110	2YB0A066
6	.2362	9.525	110	2YB0A067
6	.2362	10	110	2YB0A068
6	.2362	11.112	110	2YB0A069
6	.2362	12.7	110	2YB0A070
6	.2362	14	110	2YB0A071
6	.2362	14.288	110	2YB0A072
6	.2362	15.875	110	2YB0A073

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2YB

Pilot

Steel



Characteristics

- ⌘ Quick mounting for 2GD back spotfacer and 2HG back countersinks
- ⌘ Treated steel driver

Treated Steel

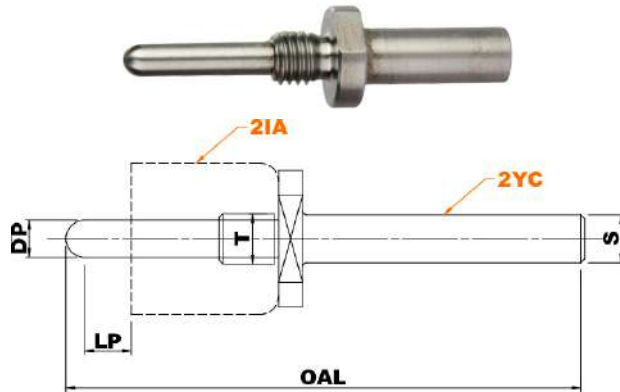
ØD (mm)	ØD (inch)	ØDP (mm)	OAL (mm)	Item
2.5	.0984	2.5	110	2YB0A250
3	.1181	3	110	2YB0A300
4	.1575	4	110	2YB0A400
5	.1969	5	110	2YB0A500
6	.2362	6	110	2YB0A600

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2YC

Pilot

Steel



Characteristics

- ⌘ To use with our holesaws 21A
- ⌘ Treated steel pilot

Treated Steel

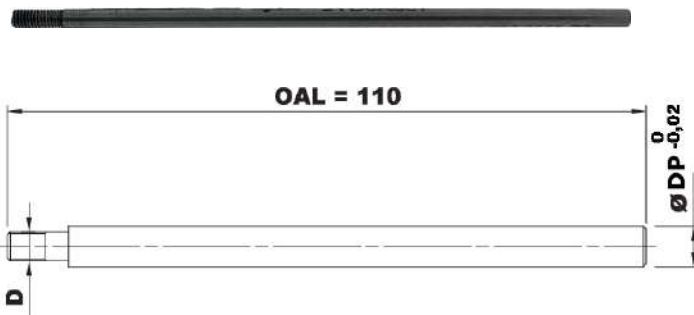
ØDP (mm)	ØDP (inch)	LP (mm)	S (mm)	OAL (mm)	T	Item
4	.1575	8	6	62	M6	2YCOA001
4	.1575	8	8	62	M8	2YCOA002
4.763	.1875	8	8	62	M8	2YCOA003
5	.1969	8	8	62	M8	2YCOA004
5.556	.2188	8	8	62	M8	2YCOA005
6	.2362	8	8	62	M8	2YCOA006
6.35	.25	8	8	62	M8	2YCOA007
5	.1969	8	10	67	M10	2YCOA008
5.556	.2188	8	10	67	M10	2YCOA009
6	.2362	8	10	67	M10	2YCOA010
6.35	.25	8	10	67	M10	2YCOA011
7	.2756	8	10	67	M10	2YCOA012
7.938	.3125	8	10	67	M10	2YCOA013
8	.315	8	10	67	M10	2YCOA014
6	.2362	8	10	72	M12	2YCOA015
6.35	.25	8	10	72	M12	2YCOA016
7	.2756	8	10	72	M12	2YCOA017
7.938	.3125	8	10	72	M12	2YCOA018
8	.315	8	10	72	M12	2YCOA019
9	.3543	8	10	72	M12	2YCOA020
9.525	.375	8	10	72	M12	2YCOA021
5	.1969	8	6	62	M6	2YCOA022

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2YD

Pilot

Steel



Characteristics

- ⌘ For our back spotfacers 2GE, and with our back countersinks 2HJ
- ⌘ Treated steel driver

Treated Steel

ØDP (mm)	ØDP (inch)	ØD (mm)	OAL (mm)	Item
2.35	.0925	M2x0,4	110	2YD0A001
2.5	.0984	M2x0,4	110	2YD0A002
2.5	.0984	M2,5x0,4	110	2YD0A003
3	.1181	M2,5x0,4	110	2YD0A004
3.2	.126	M2,5x0,4	110	2YD0A005
4	.1575	M2,5x0,4	110	2YD0A006
3	.1181	M3x0,5	110	2YD0A007
3.2	.126	M3x0,5	110	2YD0A008
4	.1575	M3x0,5	110	2YD0A009
4.8	.189	M3x0,5	110	2YD0A010
4	.1575	M4x0,7	110	2YD0A011
4.8	.189	M4x0,7	110	2YD0A012
6.35	.25	M4x0,7	110	2YD0A013

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

21A

Holesaw - Inserted pilot

HSS-E 8% Co - Threaded

p.130

21B

Trepan - Integral pilot

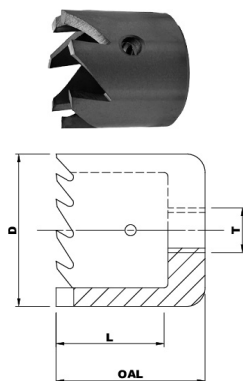
Carbide tipped - plain shank

p.132

21A

Holesaws - Inserted pilot

HSS Co 8%



Characteristics

- ⌘ From a pre-hole, drilling of a larger hole
- ⌘ Right-hand helix milling cutter 5°, right hand cut
- ⌘ HSS Co 8% trepanning cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Use on 2YC pilots



ØD (mm)	ØD (inch)	L (mm)	OAL (mm)	T	Item
9.525	.375 (3/8)	12	20	M6	21A1A001
10	.3937	12	20	M6	21A1A002
11	.4331	12	20	M6	21A1A003
11.113	.4375 (7/16)	12	20	M6	21A1A004
12	.4724	12	20	M6	21A1A005
12.7	.5 (1/2)	12	20	M6	21A1A006
13	.5118	12	20	M6	21A1A007
14	.5512	12	20	M8	21A1A008
14.288	.5625 (9/16)	12	20	M8	21A1A009
15	.5906	12	20	M8	21A1A010
15.875	.625 (5/8)	12	20	M8	21A1A011
16	.6299	12	20	M8	21A1A012
17	.6693	12	20	M8	21A1A013
17.463	.6875 (11/16)	12	20	M8	21A1A014
18	.7087	12	20	M8	21A1A015
19	.748	12	20	M8	21A1A016
19.05	.75 (3/4)	12	20	M8	21A1A017
20	.7874	12	20	M10	21A1A018
20.638	.8125 (13/16)	12	20	M10	21A1A019
21	.8268	12	20	M10	21A1A020
22	.8661	12	20	M10	21A1A021
22.225	.875 (7/8)	12	20	M10	21A1A022
23	.9055	12	20	M10	21A1A023
23.812	.9375 (15/16)	12	20	M10	21A1A024
24	.9449	12	20	M10	21A1A025
25	.9843	12	20	M10	21A1A026
25.4	1	12	20	M10	21A1A027
26	1.0236	12	20	M10	21A1A028
26.998	1.0629 (1-1/16)	12	20	M10	21A1A029
27	1.063	12	20	M10	21A1A030
28	1.1024	12	20	M10	21A1A031
28.575	1.125 (1-1/8)	12	20	M10	21A1A032
29	1.1417	12	20	M10	21A1A033
30	1.1811	18	30	M12	21A1A034
30.162	1.1875 (1-3/16)	18	30	M12	21A1A035
31	1.2205	18	30	M12	21A1A036
31.75	1.25 (1-1/4)	18	30	M12	21A1A037
32	1.2598	18	30	M12	21A1A038
33	1.2992	18	30	M12	21A1A039

⌘ Compatible with the 2YC pilot p.127

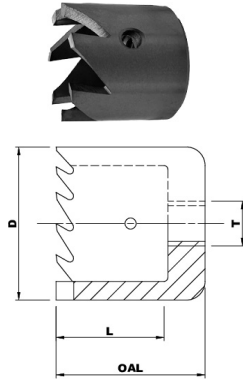


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21A

Holesaws - Inserted pilot

HSS Co 8%



Characteristics

- ⌘ From a pre-hole, drilling of a larger hole
- ⌘ Right-hand helix milling cutter 5°, right hand cut
- ⌘ HSS Co 8% trepanning cutter
- ⌘ For aluminum, titanium, steel
- ⌘ Use on 2YC pilots



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

⌘ Compatible with the 2YC pilot p.127

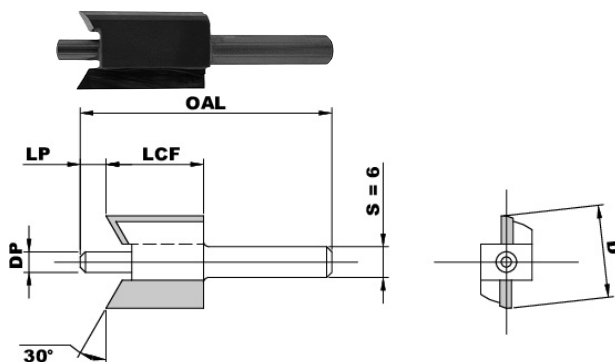


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2IB

Trepan - Integral pilot

Carbide tipped



Characteristics

- ⌘ From a pre-hole, drilling of a larger hole
- ⌘ Right-hand helix milling cutter, right-hand cut
- ⌘ Brazed carbide trepanning cutter
- ⌘ For composite materials



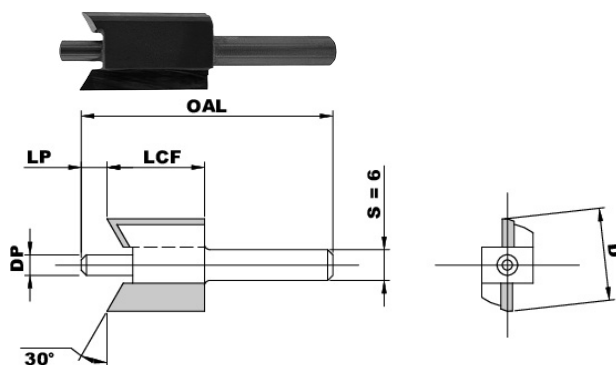
ØD (mm)	ØD (inch)	ØDP (mm)	LP (mm)	LCF (mm)	OAL (mm)	Item
8	.315	3	5	15	45	2IB3A001
8.5	.3346	3	5	15	45	2IB3A002
9	.3543	4	5	15	45	2IB3A003
9.5	.374	4	5	15	45	2IB3A004
9.525	.375 (3/8)	4	5	15	45	2IB3A005
10	.3937	4	5	15	45	2IB3A006
10.5	.4134	4	5	15	45	2IB3A007
11	.4331	4	5	15	45	2IB3A008
11.113	.4375 (7/16)	4	5	15	45	2IB3A009
11.2	.4409	4	5	15	45	2IB3A010
11.5	.4528	4	5	15	45	2IB3A011
12	.4724	4	5	15	45	2IB3A012
12.5	.4921	4	5	15	45	2IB3A013
12.7	.5 (1/2)	4	5	25	55	2IB3A014
13	.5118	4	5	25	55	2IB3A015
14	.5512	4	5	25	55	2IB3A016
14.2	.5591	4	5	25	55	2IB3A017
14.288	.5625 (9/16)	4	5	25	55	2IB3A018
15	.5906	4	5	25	55	2IB3A019
15.875	.625 (5/8)	4	5	25	55	2IB3A020
16	.6299	4	5	25	55	2IB3A021
16.2	.6378	4	5	25	55	2IB3A022
16.4	.6457	4	5	25	55	2IB3A023
17	.6693	4	5	25	55	2IB3A024
17.463	.6875 (11/16)	4	5	25	55	2IB3A025
17.6	.6929	4	5	30	60	2IB3A080
18	.7087	4	5	25	55	2IB3A026
19	.748	4	5	25	55	2IB3A027
19.05	.75 (3/4)	4	5	25	55	2IB3A028
20	.7874	4	5	25	55	2IB3A029
20.638	.8125 (13/16)	4	5	25	55	2IB3A030
21	.8268	4	5	25	55	2IB3A031
21.5	.8465	4	5	30	60	2IB3A079
22	.8661	4	5	25	55	2IB3A032
22.225	.875 (7/8)	4	5	25	55	2IB3A033
23	.9055	4	5	25	55	2IB3A034
23.812	.9375 (15/16)	4	5	25	55	2IB3A035
24	.9449	4	5	25	55	2IB3A036
25	.9843	4	5	25	55	2IB3A037
25.4	1	4	5	25	55	2IB3A038
26	1.0236	4	5	25	55	2IB3A039

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2IB

Trepan - Integral pilot

Carbide tipped



Characteristics

- ⌘ From a pre-hole, drilling of a larger hole
- ⌘ Right-hand helix milling cutter, right-hand cut
- ⌘ Brazed carbide trepanning cutter
- ⌘ For composite materials



ØD (mm)	ØD (inch)	ØDP (mm)	LP (mm)	LCF (mm)	OAL (mm)	Item
25.4	1	4	5	25	55	2IB3A038
26	1.0236	4	5	25	55	2IB3A039
26.998	1.0629 (1-1/16)	4	5	25	55	2IB3A040
27	1.063	4	5	25	55	2IB3A041
28	1.1024	4	5	25	55	2IB3A042
28.575	1.125 (1-1/8)	4	5	30	60	2IB3A043
29	1.1417	4	5	30	60	2IB3A044
30	1.1811	4	5	30	60	2IB3A045
30.162	1.1875 (1-3/16)	4	5	30	60	2IB3A046
31	1.2205	4	5	30	60	2IB3A047
31.75	1.25 (1-1/4)	4	5	30	60	2IB3A048
32	1.2598	4	5	30	60	2IB3A049
33	1.2992	4	5	30	60	2IB3A050
33.338	1.3125 (1-5/16)	4	5	30	60	2IB3A051
34	1.3386	4	5	30	60	2IB3A052
34.925	1.375 (1-3/8)	4	5	30	60	2IB3A053
35	1.378	4	5	30	60	2IB3A054
36	1.4173	4	5	30	60	2IB3A055
36.512	1.4375 (1-7/16)	4	5	30	60	2IB3A056
37	1.4567	4	5	30	60	2IB3A057
38	1.4961	4	5	30	60	2IB3A058
38.1	1.5 (1-1/2)	4	5	30	60	2IB3A059
39	1.5354	4	5	30	60	2IB3A060
39.688	1.5625 (1-9/16)	4	5	30	60	2IB3A061
40	1.5748	4	5	30	60	2IB3A062
41	1.6142	4	5	30	60	2IB3A063
41.275	1.625 (1-5/8)	4	5	30	60	2IB3A064
42	1.6535	4	5	30	60	2IB3A065
42.862	1.6875 (1-11/16)	4	5	30	60	2IB3A066
43	1.6929	4	5	30	60	2IB3A067
44	1.7323	4	5	30	60	2IB3A068
44.45	1.75 (1-3/4)	4	5	30	60	2IB3A069
45	1.7717	4	5	30	60	2IB3A070
46	1.811	4	5	30	60	2IB3A071
46.038	1.8125 (1-13/16)	4	5	30	60	2IB3A072
47	1.8504	4	5	30	60	2IB3A073
47.625	1.875 (1-7/8)	4	5	30	60	2IB3A074
48	1.8898	4	5	30	60	2IB3A075
49	1.9291	4	5	30	60	2IB3A076
49.212	1.9375 (1-15/16)	4	5	30	60	2IB3A077
50	1.9685	4	5	30	60	2IB3A078

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
Contact us by sending your request via email to request@nexam.aero

2JA Rivet shaver cutter - 2 flutes

Carbide tipped - Threaded shank

p.136

2JB Rivet shaver cutter

Solid carbide - Boring

p.137

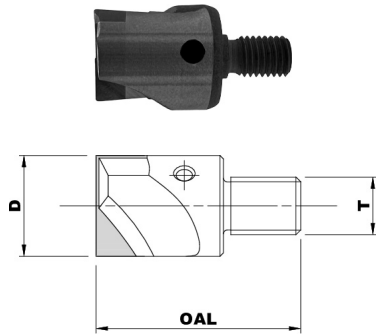
VMX42SWi



2JA

Rivet shaver cutter - 2 flutes

Carbide tipped



Characteristics

- ⌘ Shaving of the rivet protrusion after installation
- ⌘ Right-hand helix milling cutter 5°, right-hand cut, 2 teeth edge to edge
- ⌘ Brazed carbide flush end mill
- ⌘ For aluminum
- ⌘ Mounting on end flush cutters equipped with 1/4-28 UNF threaded spindles



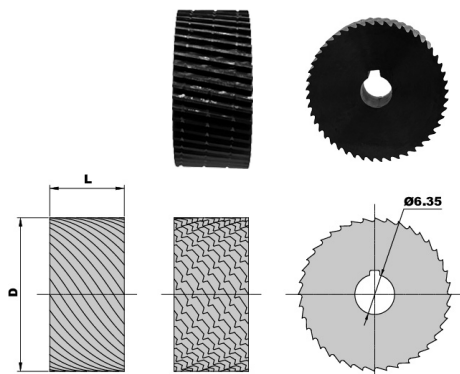
ØD (mm)	ØD (inch)	OAL (mm)	T	Item
6.35	.25 (1/4)	25.4	1/4-28 UNF	2JA3A001
7.938	.3125 (5/16)	25.4	1/4-28 UNF	2JA3A002
9.525	.375 (3/8)	25.4	1/4-28 UNF	2JA3A003
11.113	.4375 (7/16)	25.4	1/4-28 UNF	2JA3A004
12.7	.5 (1/2)	25.4	1/4-28 UNF	2JA3A005
14.288	.5625 (9/16)	25.4	1/4-28 UNF	2JA3A006
15.875	.625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

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2JB

Rivet shaver cutter

Solid carbide



Characteristics

- ⌘ Shaving of the rivet protrusion after installation
- ⌘ Drill with a right hand-helix, right hand cut
- ⌘ Solid carbide flush end mil
- ⌘ For aluminum
- ⌘ Mounting on single or double rotation flush cutters



ØD (mm)	ØD (inch)	Z	L (mm)	Type	Item
28.575	1.125 (1-1/8)	25	9.525	F	2JB4A001
28.575	1.125 (1-1/8)	25	12.7	F	2JB4A002
28.575	1.125 (1-1/8)	25	11.112	F	2JB4A003
28.575	1.125 (1-1/8)	25	19.05	F	2JB4A004
28.575	1.125 (1-1/8)	37	9.525	Cb	2JB4A005
28.575	1.125 (1-1/8)	37	12.7	Cb	2JB4A006
28.575	1.125 (1-1/8)	37	11.112	Cb	2JB4A007
28.575	1.125 (1-1/8)	37	19.05	Cb	2JB4A008
28.575	1.125 (1-1/8)	49	9.525	F	2JB4A009
28.575	1.125 (1-1/8)	49	12.7	F	2JB4A010
28.575	1.125 (1-1/8)	49	11.112	F	2JB4A011
28.575	1.125 (1-1/8)	49	19.05	F	2JB4A012
28.575	1.125 (1-1/8)	49	9.525	Cb	2JB4A013
28.575	1.125 (1-1/8)	49	12.7	Cb	2JB4A014
28.575	1.125 (1-1/8)	49	11.112	Cb	2JB4A015
28.575	1.125 (1-1/8)	49	19.05	Cb	2JB4A016

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2MA Rivet hole brush
Brass wire or Stainless steel wire

p.140

2MB Back rivet holes brush
Brass wire or Stainless steel wire

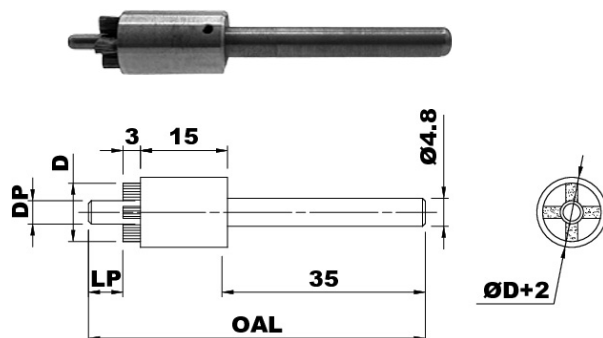
p.141



2MA

Rivet hole brush

Brass wire (or Stainless steel wire on request)



Characteristics

- ⌘ Shaving of the rivet protrusion after installation
- ⌘ 4 wire groups hold by Epoxy resin
- ⌘ Brass-coated steel wire (or stainless steel on request)
- ⌘ Allows electrical continuity and grounding of aircraft parts

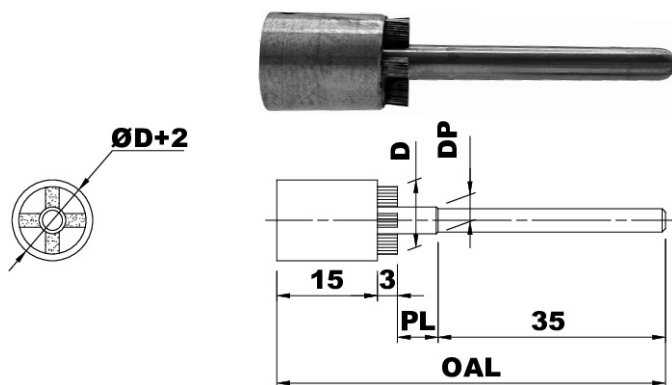
ØD mini (mm)	ØD maxi (mm)	ØD mini (inch)	ØD maxi (inch)	ØDP (mm)	Z	LP (mm)	OAL (mm)	Item
4	6	.1575	.2362	x	4	5	58	2MA0A001
6.01	10	.2366	.3937	x	4	5	58	2MA0A002
10.01	12	.3941	.4724	x	4	5	58	2MA0A003
12.01	14	.4728	.5512	x	4	5	58	2MA0A004
14.01	19	.5516	.748	x	4	5	58	2MA0A005
19.01	25	.7484	.9843	x	4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

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2MB

Back wire brush for Rivet holes

Brass wire (or Stainless steel wire on request)



Characteristics

- ⌘ Shaving of the rivet protrusion after installation
- ⌘ 4 wire groups hold by Epoxy resin
- ⌘ Brass-coated steel wire (or stainless steel on request)
- ⌘ Allows electrical continuity and grounding of aircraft parts

ØD mini (mm)	ØD maxi (mm)	ØD mini (inch)	ØD maxi (inch)	ØDP (mm)	Z	LP (mm)	OAL (mm)	Item
6	16	.2362	.63	x	4	5	58	2MBOA001
16.01	20	.6303	.7874	x	4	5	58	2MBOA002

⌘ To be used with back spotfacer machine p.271



If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2FA Hi-Lok reamer countersink
Special - on request

p.144

2FC Taper-Lok reamer countersink
Special - on request

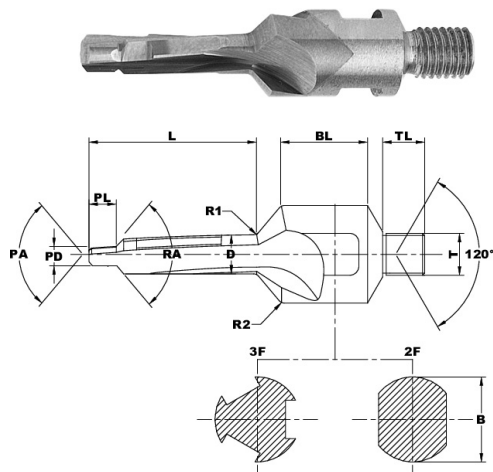
p.145



2FA

Hi-Lok reamer countersink

SPECIAL - ON REQUEST



Characteristics

- Starting from a pilot hole, our counter-sinking reamers allow for both reaming and countersinking in a single operation for holes intended to receive Hi-Lok® fasteners
- Hi-Lok left or right helix
- Hi-Lok HSS Co 8%, carbide or carbide tip and PCD countersink
- For aluminum



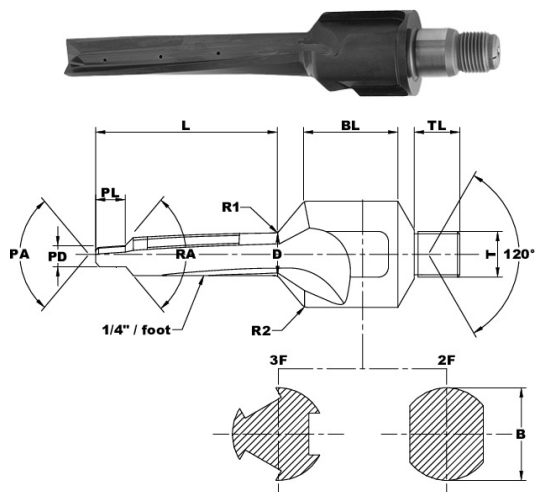
ØD (mm)	ØD (inch)	B (mm)	LCF (mm)	OAL (mm)	T	Item
.	. (.)	.	.	.	.	2FA0A000

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2FC

Taper-Lok reamer countersink

SPECIAL - ON REQUEST



Characteristics

- Starting from a pilot hole, our counter-sinking reamers allow for both reaming and countersinking in a single operation for holes intended to receive Taper-Lok® fasteners
- Taper-Lok hélice à gauche ou à droite
- Taper-lok Hss Co 8%
- For aluminum



ØD (mm)	ØD (inch)	B (mm)	LCF (mm)	OAL (mm)	T	Item
.	. (.)	.	.	.	.	2FC0A000

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

ADU: Precision Automatic Drilling

The ADU (Automatic Drilling Unit) is an **advanced system** that allows **drilling operations**, with or without countersinking, reducing the physical effort of the operator and improving process repeatability.

Operating with pneumatic or electric energy, this unit combines **performance**, **precision**, and **user comfort**.

Key Features of the UPA:

Optimized Performance: Thanks to controlled advancement, the ADU ensures consistent and high-quality drilling, even on demanding materials.

Versatility of Use : Available in «Right Angle» configurations (90° angle between motor and tool) or «In Line» configurations (motor aligned with the tool), the ADU adapts to a wide range of applications, including countersinking.

Customizable Options: Possible integration of lubrication (MQL), vibratory systems, indexable noses, and counters to meet specific needs

Extended Compatibility: Usable with drill grids or guided systems, offering great flexibility according to configurations.

Concrete Benefits for the User :

Reduction of Fatigue: Drilling is done with less manual effort thanks to advanced automation systems, compared to manual operation.

Increased Reliability: The precision of guidance and controlled advancement minimize errors, even during complex tasks or on materials such as titanium or Inconel.

Energy Efficiency: Pneumatic or electric models limit energy consumption while preserving the durability of the equipment.

Enhanced Safety: Equipped with features such as an emergency stop button and lubrication management, the ADU offers a secure experience for the operator.

Recommendations for Optimal Use :

Preliminary Preparation : Prime the lubrication before the first drilling and renew it if the time between two operations is prolonged

Manual Tool Mounting : Insert the tool into the bushing without a key to avoid any damage.

Compliance with Safety Instructions : Use personal protective equipment (PPE), especially for operations on composites.



Specific Applications of the ADU :

Special Configurations: ADUs can be equipped with systems adapted to complex situations, such as offset heads (crow foot) allowing access to difficult areas, or «C Clamp» models for specific countersinking needs.

Supported Materials: The ADU is particularly suited for refractory materials such as titanium, Inconel 718, stainless steel 15.5PH, and composites, including sandwich structures and aluminum.

Advanced Options : Equipment such as the pneumatic indexable nose facilitates adjustments on drill grids, thereby optimizing locking and stability during the operation.

With the ADU, transform your drilling operations into a smooth, precise, and secure experience, tailored to the demands of the aerospace industry and beyond. Advantage in cycle time compared to manual operation. Little to no tool cascades.

The image features a dark blue background with a repeating pattern of white 'X' marks, each accompanied by a curved line. In the center, there is a white circle with an orange outline. Overlaid on this circle are four orange geometric shapes: two triangles pointing towards the top and bottom, and two curved shapes pointing towards the left and right. A white horizontal rectangle is positioned across the middle of the circle, containing the word 'MACHINING' in a bold, dark blue, sans-serif font.

MACHINING

1AA Router 2 flutes RH spiral - RH cut p.150
Manual routing - HSS-E 5% Co
Machine routing - Solid carbide

1AB Router 2 flutes RH spiral - RH cut - Drill point p.152
Manual routing - HSS-E 5% Co
Machine routing - Carbure monobloc

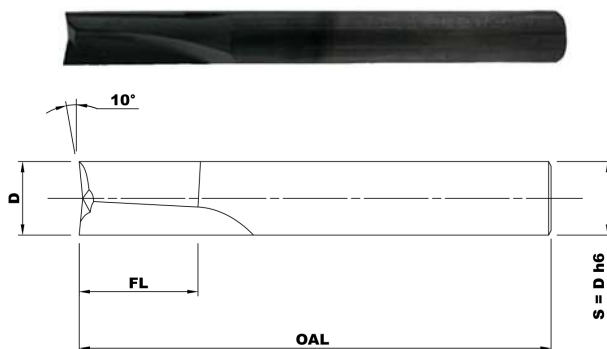
1AC Router 2 flutes LH spiral - RH cut p.154
Manual routing - HSS-E 5% Co
Machine routing - Carbure monobloc

1AD Router 2 flutes LH spiral - RH cut - Drill point p.156
Manual routing - HSS-E 5% Co
Machine routing - Carbure monobloc

1AA

Router 2 flutes RH spiral - RH cut

HSS Co 5%



Characteristics

- ⌘ For machining manually or CNC machines
- ⌘ Right-hand helix milling cutter 3°, right hand cut, end sharpening at 10°
- ⌘ HSS Co 5% Cutter
- ⌘ For aluminum



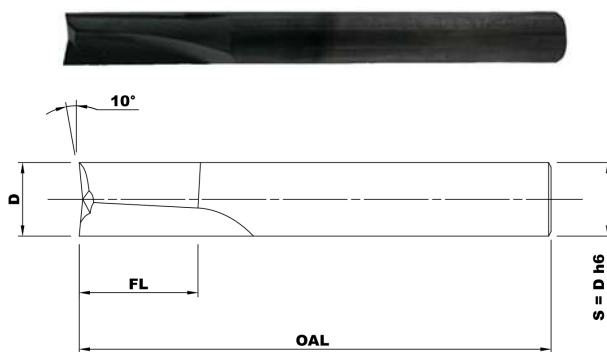
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
6	.2362	2	15	75	1AA1A001
6.35	.25 (1/4)	2	15	75	1AA1A002
7.938	.3125 (5/16)	2	17	75	1AA1A003
8	.315	2	17	75	1AA1A004
9.525	.375 (3/8)	2	17	75	1AA1A005
10	.3937	2	20	80	1AA1A006
11.113	.4375 (7/16)	2	20	80	1AA1A007
12	.4724	2	20	80	1AA1A008
12.7	.5 (1/2)	2	25	80	1AA1A009

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
Contact us by sending your request via email to request@nexam.aero

1AA

Router 2 flutes RH spiral - RH cut

Solid carbide



Characteristics

- ⌘ For machining manually or CNC machines
- ⌘ Right-hand helix milling cutter 3°, right hand cut, end sharpening at 10°
- ⌘ Solid carbide cutter
- ⌘ For aluminum



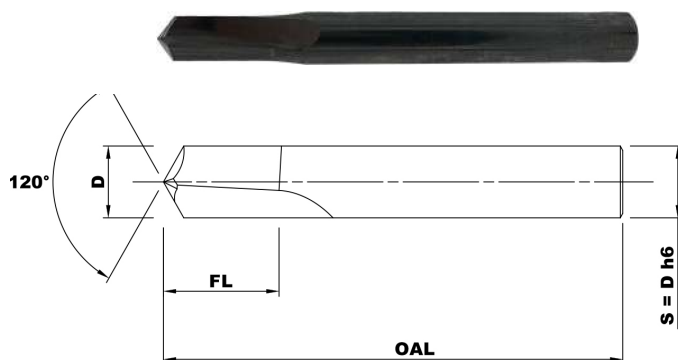
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
6	.2362	2	15	75	1AA4A001
6.35	.25 (1/4)	2	15	75	1AA4A002
7.938	.3125 (5/16)	2	17	75	1AA4A003
8	.315	2	17	75	1AA4A004
9.525	.375 (3/8)	2	17	75	1AA4A005
10	.3937	2	20	80	1AA4A006
11.113	.4375 (7/16)	2	20	80	1AA4A007
12	.4724	2	20	80	1AA4A008
12.7	.5 (1/2)	2	25	80	1AA4A009

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to nexam@nexam.aero

1AB

Router 2 flutes RH spiral - RH cut - Drill point

HSS Co 5%



Characteristics

- ⌘ For machining on CNC machines without pre-hole
- ⌘ Right-hand helix milling cutter 3°, right hand cut, end sharpening at 120°
- ⌘ HSS Co 5% cutter
- ⌘ For aluminum



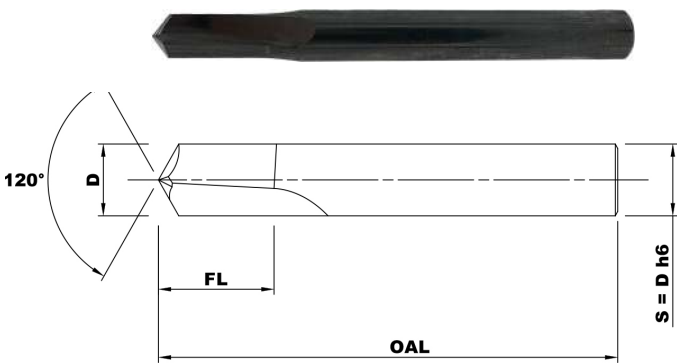
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
6	.2362	2	15	75	1AB1A001
6.35	.25 (1/4)	2	15	75	1AB1A002
7.938	.3125 (5/16)	2	17	75	1AB1A003
8	.315	2	17	75	1AB1A004
9.525	.375 (3/8)	2	17	75	1AB1A005
10	.3937	2	20	80	1AB1A006
11.113	.4375 (7/16)	2	20	80	1AB1A007
12	.4724	2	20	80	1AB1A008
12.7	.5 (1/2)	2	25	80	1AB1A009

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
Contact us by sending your request via email to request@nexam.aero

1AB

Router 2 flutes RH spiral - RH cut - Drill point

Solid carbide



Characteristics

- ⌘ For machining on CNC machines without pre-hole
- ⌘ Right-hand helix milling cutter 3°, right hand cut, end sharpening at 120°
- ⌘ Solid carbide cutter
- ⌘ For aluminum



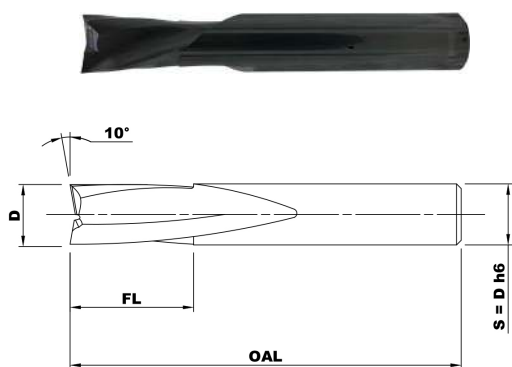
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
6	.2362	2	15	75	1AB4A001
6.35	.25 (1/4)	2	15	75	1AB4A002
7.938	.3125 (5/16)	2	17	75	1AB4A003
8	.315	2	17	75	1AB4A004
9.525	.375 (3/8)	2	17	75	1AB4A005
10	.3937	2	20	80	1AB4A006
11.113	.4375 (7/16)	2	20	80	1AB4A007
12	.4724	2	20	80	1AB4A008
12.7	.5 (1/2)	2	25	80	1AB4A009

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
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1AC

Router 2 flutes LH spiral - RH cut

HSS Co 5%



Characteristics

- ⌘ For machining manually or CNC machines
- ⌘ Left-hand helix milling cutter 20° , right hand cut, hollow sharpening at 120°
- ⌘ HSS Co 5% cutter
- ⌘ For aluminum
- ⌘ Left-hand helix promotes sheet metal clamping



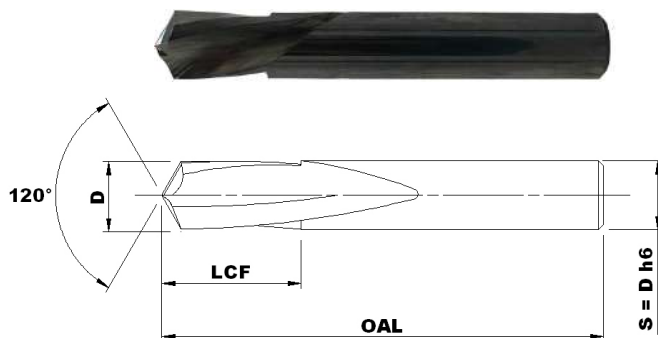
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
6	.2362	2	15	75	1AC1A001
6.35	.25 (1/4)	2	15	75	1AC1A002
7.938	.3125 (5/16)	2	17	75	1AC1A003
8	.315	2	17	75	1AC1A004
9.525	.375 (3/8)	2	17	75	1AC1A005
10	.3937	2	20	80	1AC1A006
11.113	.4375 (7/16)	2	20	80	1AC1A007
12	.4724	2	20	80	1AC1A008
12.7	.5 (1/2)	2	25	80	1AC1A009

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1AD

Router 2 flutes LH spiral - RH cut - Drill point

HSS Co 5%



Characteristics

- ⌘ For machining manually or CNC machines
- ⌘ Left-hand helix milling cutter 20°, right hand cut, hollow sharpening at 120°
- ⌘ HSS Co 5% cutter
- ⌘ For aluminum
- ⌘ Left-hand helix promotes sheet metal clamping



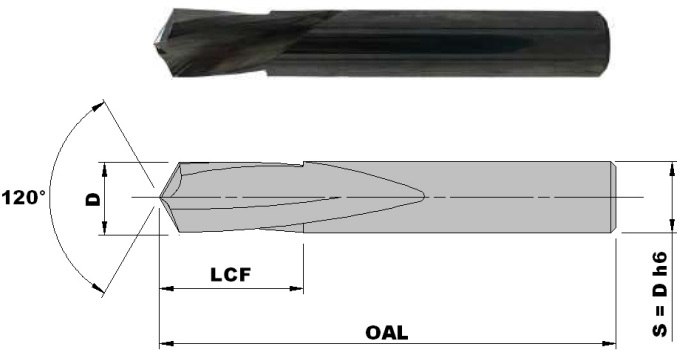
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
6	.2362	2	15	75	1AD1A001
6.35	.25 (1/4)	2	15	75	1AD1A002
7.938	.3125 (5/16)	2	17	75	1AD1A003
8	.315	2	17	75	1AD1A004
9.525	.375 (3/8)	2	17	75	1AD1A005
10	.3937	2	20	80	1AD1A006
11.113	.4375 (7/16)	2	20	80	1AD1A007
12	.4724	2	20	80	1AD1A008
12.7	.5 (1/2)	2	25	80	1AD1A009

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1AD

Router 2 flutes LH spiral - RH cut - Drill point

Solid carbide



Characteristics

- ⌘ For machining on CNC machines only
- ⌘ Left-hand helix milling cutter 20°, right hand cut, hollow sharpening at 120°
- ⌘ Solid carbide cutter
- ⌘ For aluminum
- ⌘ Left-hand helix promotes sheet metal clamping



ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
6	.2362	2	15	75	1AD4A001
6.35	.25 (1/4)	2	15	75	1AD4A002
7.938	.3125 (5/16)	2	17	75	1AD4A003
8	.315	2	17	75	1AD4A004
9.525	.375 (3/8)	2	17	75	1AD4A005
10	.3937	2	20	80	1AD4A006
11.113	.4375 (7/16)	2	20	80	1AD4A007
12	.4724	2	20	80	1AD4A008
12.7	.5 (1/2)	2	25	80	1AD4A009

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
 Contact us by sending your request via email to request@nexam.aero

1BA **Fiberglass router** p.159
No end cut - Solid carbide

1BB **Fiberglass router** p.160
Burr style end cut - Solid carbide

1BC **Fiberglass router** p.161
End mill style and cut- Solid carbide

1BD **Fiberglass router** p.162
Drill point - Solid carbide

1BE **Fiberglass router** p.163
Fishtail end cut - Solid carbide

1BF **Alternated spirals router** p.164
Kevlar drill point - Solid carbide (option Diamond coated)

1BH **Alternated spirals router** p.166
End mill style end cut - Solid carbide (option Diamond coated)

1BG **Multi-flutes composites router** p.168
Burr style end cut - Solid carbide (option Diamond coated)

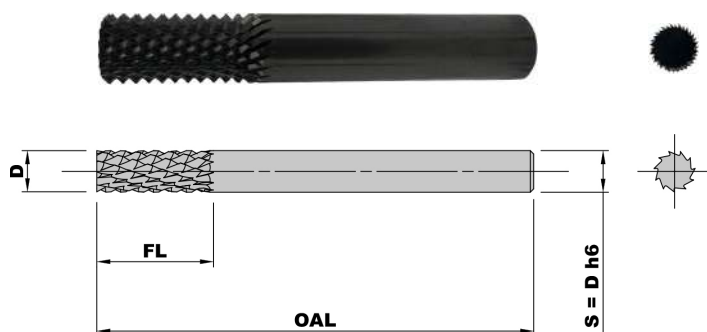
1BM **VHP 2 flutes herringbone router** p.170
Compression router - Diamond coated carbide

1BN **VHP herringbone router** p.171
Compression router - Diamond coated carbide

1BA

Fiberglass router

Solid carbide



Characteristics

- ⌘ For machining manually or CNC machines
- ⌘ Diamond-cut milling cutter, right-hand cutting, without end cutting
- ⌘ Solid carbide cutter
- ⌘ For machining composite materials



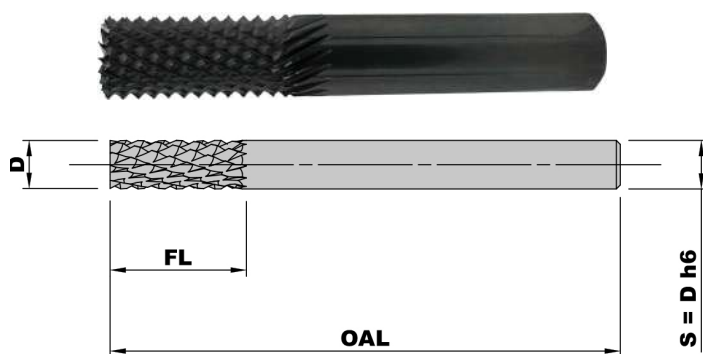
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
3	.1181	12	38	1BA4A001
3.175	.125 (1/8)	12	38	1BA4A002
3.969	.1563 (5/32)	12	38	1BA4A003
4	.1575	16	50	1BA4A004
4.763	.1875 (3/16)	16	50	1BA4A005
6	.2362	16	50	1BA4A006
6.35	.25 (1/4)	16	50	1BA4A007
7.938	.3125 (5/16)	16	50	1BA4A008
8	.315	25	63	1BA4A009
9.525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

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BB

Fiberglass router

Solid carbide



Characteristics

- ⌘ For machining manually or CNC machines
- ⌘ Diamond-cut milling cutter, right-hand cutting, end shaped like a rotary file
- ⌘ Solid carbide cutter
- ⌘ For machining composite materials



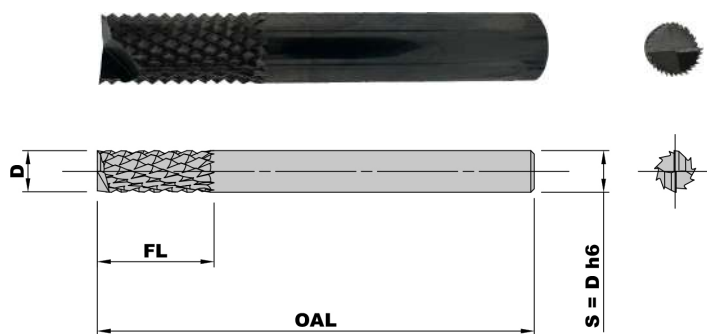
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
3	.1181	12	38	1BB4A001
3.175	.125 (1/8)	12	38	1BB4A002
3.969	.1563 (5/32)	12	38	1BB4A003
4	.1575	16	50	1BB4A004
4.763	.1875 (3/16)	16	50	1BB4A005
6	.2362	16	50	1BB4A006
6.35	.25 (1/4)	16	50	1BB4A007
7.938	.3125 (5/16)	16	50	1BB4A008
8	.315	25	63	1BB4A009
9.525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

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BC

Fiberglass router

Solid carbide



Characteristics

- ⌘ For machining manually or CNC machines
- ⌘ Diamond-cut milling cutter, right-hand cutting, end shaped like a two-flute cutter
- ⌘ Solid carbide cutter
- ⌘ For machining composite materials



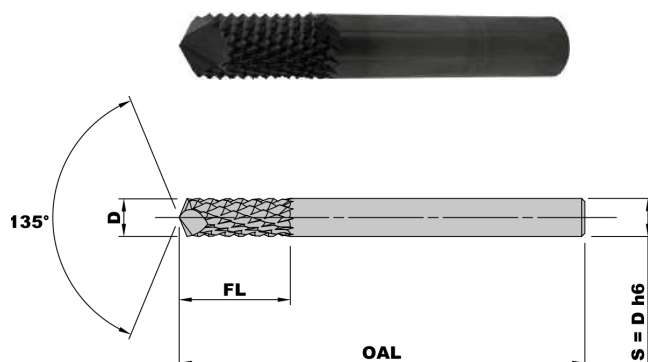
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
3	.1181	12	38	1BC4A001
3.175	.125 (1/8)	12	38	1BC4A002
3.969	.1563 (5/32)	12	38	1BC4A003
4	.1575	16	50	1BC4A004
4.763	.1875 (3/16)	16	50	1BC4A005
6	.2362	16	50	1BC4A006
6.35	.25 (1/4)	16	50	1BC4A007
7.938	.3125 (5/16)	16	50	1BC4A008
8	.315	25	63	1BC4A009
9.525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

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BD

Fiberglass router

Solid carbide



Characteristics

- ⌘ For machining manually or CNC machines
- ⌘ Diamond-cut milling cutter, right-hand cutting, end shaped like a 135° drill
- ⌘ Solid carbide cutter
- ⌘ For machining composite materials



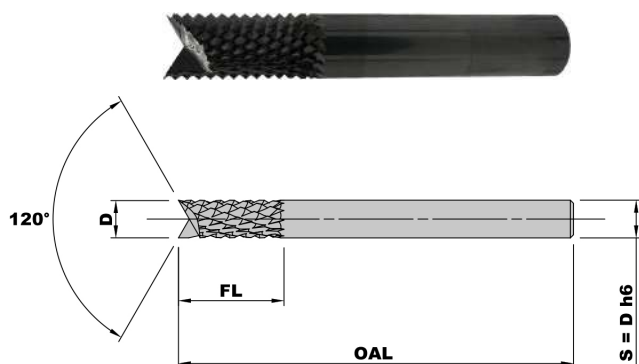
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
3	.1181	12	38	1BD4A001
3.175	.125 (1/8)	12	38	1BD4A002
3.969	.1563 (5/32)	12	38	1BD4A003
4	.1575	16	50	1BD4A004
4.763	.1875 (3/16)	16	50	1BD4A005
6	.2362	16	50	1BD4A006
6.35	.25 (1/4)	16	50	1BD4A007
7.938	.3125 (5/16)	16	50	1BD4A008
8	.315	25	63	1BD4A009
9.525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

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BE

Fiberglass router

Solid carbide



Characteristics

- ⌘ For machining manually or CNC machines
- ⌘ Diamond-cut milling cutter, right-hand cutting, end shaped like a fishtail
- ⌘ Solid carbide cutter
- ⌘ For machining composite materials



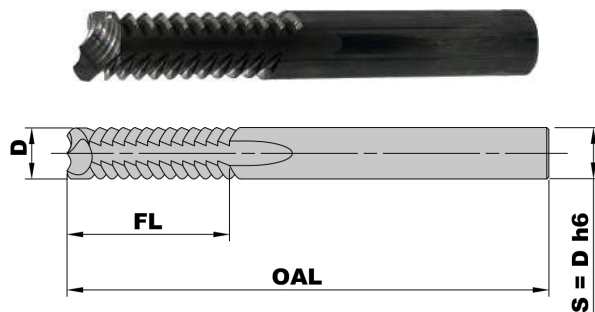
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
3	.1181	12	38	1BE4A001
3.175	.125 (1/8)	12	38	1BE4A002
3.969	.1563 (5/32)	12	38	1BE4A003
4	.1575	16	50	1BE4A004
4.763	.1875 (3/16)	16	50	1BE4A005
6	.2362	16	50	1BE4A006
6.35	.25 (1/4)	16	50	1BE4A007
7.938	.3125 (5/16)	16	50	1BE4A008
8	.315	25	63	1BE4A009
9.525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

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BF

Alternated spirals router

Solid carbide



Characteristics

- ⌘ Drilling and routing of composites on CNC machines.
- ⌘ Combined helix milling cutter, right-hand cutting, end shaped like a Kevlar drill
- ⌘ Solid carbide cutter. Diamond coating possible
- ⌘ For machining composite materials
- ⌘ Alternating helices counteract cutting forces and prevent delamination



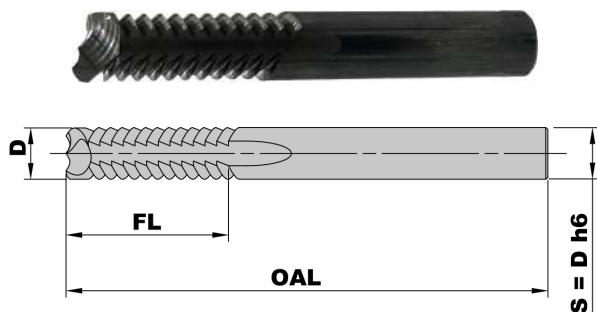
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
UNCOATED				
6	.2362	24	64	1BF4A001
6.35	.25 (1/4)	24	64	1BF4A002
7.938	.3125 (5/16)	24	64	1BF4A003
8	.315	24	64	1BF4A004
9.525	.375 (3/8)	24	64	1BF4A005
10	.3937	24	64	1BF4A006
12	.4724	30	80	1BF4A007
12.7	.5 (1/2)	30	80	1BF4A008

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BF

Alternated spirals router

Solid carbide



Characteristics

- ⌘ Drilling and routing of composites on CNC machines.
- ⌘ Combined helix milling cutter, right-hand cutting, end shaped like a Kevlar drill
- ⌘ Solid carbide cutter. Diamond coating possible
- ⌘ For machining composite materials
- ⌘ Alternating helices counteract cutting forces and prevent delamination



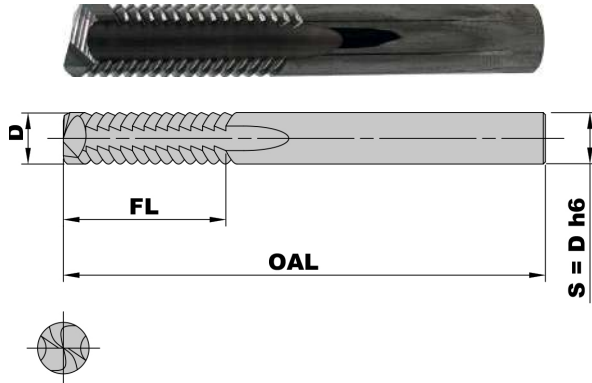
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
DIAMOND COATED				
6	.2362	24	64	1BF4D001
6.35	.25 (1/4)	24	64	1BF4D002
7.938	.3125 (5/16)	24	64	1BF4D003
8	.315	24	64	1BF4D004
9.525	.375 (3/8)	24	64	1BF4D005
10	.3937	24	64	1BF4D006
12	.4724	30	80	1BF4D007
12.7	.5 (1/2)	30	80	1BF4D008

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BH

Alternated spirals router

Solid carbide



Characteristics

- ⌘ For machining on CNC machines
- ⌘ Combined helix milling cutter, right-hand cutting, end shaped like a two-flute cutter
- ⌘ Solid carbide cutter. Diamond coating possible
- ⌘ For machining composite materials
- ⌘ Alternating helices counteract cutting forces and prevent delamination



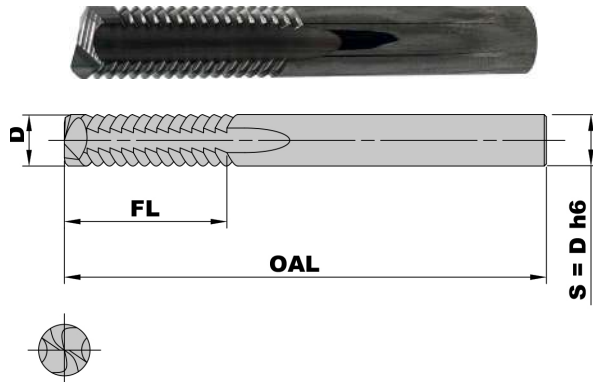
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
UNCOATED				
6	.2362	24	64	1BH4A001
6.35	.25 (1/4)	24	64	1BH4A002
7.938	.3125 (5/16)	24	64	1BH4A003
8	.315	24	64	1BH4A004
9.525	.375 (3/8)	24	64	1BH4A005
10	.3937	24	64	1BH4A006
12	.4724	30	80	1BH4A007
12.7	.5 (1/2)	30	80	1BH4A008

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BH

Alternated spirals router

Solid carbide



Characteristics

- ⌘ For machining on CNC machines
- ⌘ Combined helix milling cutter, right-hand cutting, end shaped like a two-flute cutter
- ⌘ Solid carbide cutter. Diamond coating possible
- ⌘ For machining composite materials
- ⌘ Alternating helices counteract cutting forces and prevent delamination



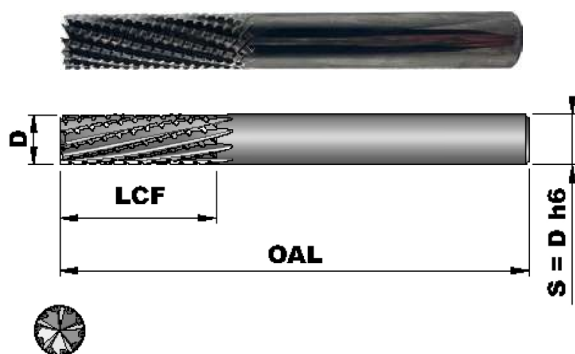
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
DIAMOND COATED				
6	.2362	24	64	1BH4D001
6.35	.25 (1/4)	24	64	1BH4D002
7.938	.3125 (5/16)	24	64	1BH4D003
8	.315	24	64	1BH4D004
9.525	.375 (3/8)	24	64	1BH4D005
10	.3937	24	64	1BH4D006
12	.4724	30	80	1BH4D007
12.7	.5 (1/2)	30	80	1BH4D008

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BG

Multi-flutes composite router

Solid carbide



Characteristics

- ⌘ For machining on CNC machines
- ⌘ Right-hand helix milling cutter, right-hand cutting, chip breaker teeth, end shaped like a file cutter
- ⌘ Solid carbide cutter. Diamond coating possible
- ⌘ For machining composite materials
- ⌘ Ideal for heavy material removal



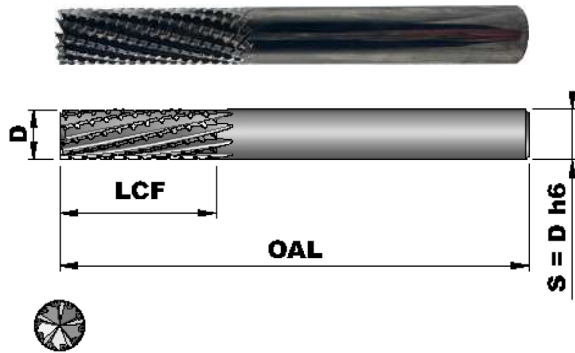
ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
UNCOATED				
3	.1181	12	38	1BG4A001
3.175	.125 (1/8)	12	38	1BG4A002
3.969	.1563 (5/32)	12	38	1BG4A003
4	.1575	16	50	1BG4A004
4.763	.1875 (3/16)	16	50	1BG4A005
6	.2362	25	64	1BG4A006
6.35	.25 (1/4)	25	64	1BG4A007
7.938	.3125 (5/16)	25	64	1BG4A008
8	.315	25	64	1BG4A009
9.525	.375 (3/8)	25	64	1BG4A010
10	.3937	28	64	1BG4A011
12	.4724	38	95	1BG4A012
12.7	.5 (1/2)	38	95	1BG4A013
10	.3937	30	80	1BG4A014

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BG

Multi-flutes composite router

Solid carbide



Characteristics

- ⌘ For machining on CNC machines
- ⌘ Right-hand helix milling cutter, right-hand cutting, chip breaker teeth, end shaped like a file cutter
- ⌘ Solid carbide cutter. Diamond coating possible
- ⌘ For machining composite materials
- ⌘ Ideal for heavy material removal



ØD (mm)	ØD (inch)	LCF (mm)	OAL (mm)	Item
DIAMOND COATED				
3	.1181	12	38	1BG4D001
3.175	.125 (1/8)	12	38	1BG4D002
3.969	.1563 (5/32)	12	38	1BG4D003
4	.1575	16	50	1BG4D004
4.763	.1875 (3/16)	16	50	1BG4D005
6	.2362	24	64	1BG4D006
6.35	.25 (1/4)	24	64	1BG4D007
7.938	.3125 (5/16)	24	64	1BG4D008
8	.315	24	64	1BG4D009
9.525	.375 (3/8)	24	64	1BG4D010
10	.3937	28	64	1BG4D011
12	.4724	38	95	1BG4D012
12.7	.5 (1/2)	38	95	1BG4D013
10	.3937	30	80	1BG4D014

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BM

VHP 2 flutes herringbone router

Solid carbide coated



Characteristics

- ⌘ For machining on CNC machines
- ⌘ 2 flutes cutter, herringbone helix, right hand cut
- ⌘ Solid carbide cutter with diamond coating
- ⌘ For machining composite materials
- ⌘ High feed rate cutter. Avoids uncut fibers. Excellent surface finish



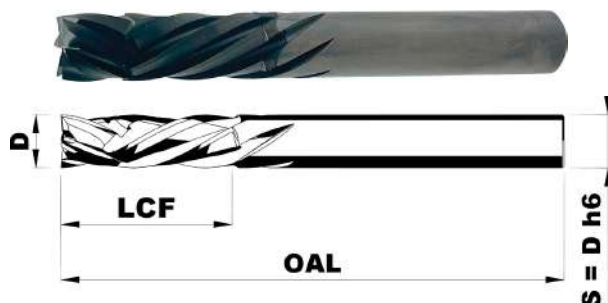
ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
3	.1181	2	9.5	38	1BM4D001
3.175	.125 (1/8)	2	9.5	38	1BM4D002
4	.1575	2	14	50	1BM4D003
6	.2362	2	18	68	1BM4D004
6.35	.25 (1/4)	2	19	76	1BM4D005
8	.315	2	24	74	1BM4D006
9.525	.375 (3/8)	2	19	76	1BM4D007
9.525	.375 (3/8)	2	51	102	1BM4D008
10	.3937	2	30	80	1BM4D009
12.7	.5 (1/2)	2	25	76	1BM4D010
12.7	.5 (1/2)	2	51	102	1BM4D011

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1BN

VHP herringbone router

Solid carbide coated



Characteristics

- ⌘ For machining on CNC machines
- ⌘ Multi-tooth milling cutter, chevron helix, right-hand cutting
- ⌘ Solid carbide cutter with diamond coating
- ⌘ For machining composite materials
- ⌘ High feed rate cutter. Avoids uncut fibers. Excellent surface finish



ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
3	.1181	3	9.5	38	1BN4D301
4	.1575	3	14	50	1BN4D304
3	.1181	4	9.5	38	1BN4D401
3.175	.125 (1/8)	4	14.2	38	1BN4D402
3.175	.125 (1/8)	4	9.5	38	1BN4D403
4	.1575	4	14	50	1BN4D404
6	.2362	4	15	65	1BN4D405
6	.2362	4	18	68	1BN4D406
6.35	.25 (1/4)	4	19	63	1BN4D407
6.35	.25 (1/4)	4	19	69	1BN4D408
8	.315	4	20	70	1BN4D409
8	.315	4	24	74	1BN4D410
9.525	.375 (3/8)	4	22	76	1BN4D411
9.525	.375 (3/8)	4	28	78	1BN4D412
10	.3937	4	25	75	1BN4D413
10	.3937	4	30	80	1BN4D414
12	.4724	4	30	100	1BN4D415
12	.4724	4	36	86	1BN4D416
12.7	.5 (1/2)	4	38	76	1BN4D417
6	.2362	6	18	68	1BN4D606
8	.315	6	24	74	1BN4D610
10	.3937	6	30	80	1BN4D614
12	.4724	6	36	86	1BN4D616
12.7	.5 (1/2)	6	38	102	1BN4D617
10	.3937	8	30	80	1BN4D814
12	.4724	8	36	86	1BN4D816

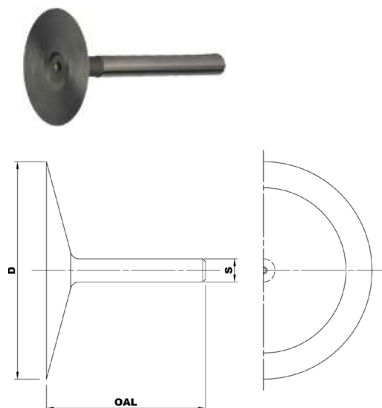
If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

- | | | |
|------------|---|-------|
| 1CA | Honeycomb cutter - Plain cutting
<i>HSS-E 5% Co</i> | p.173 |
| 1CB | Honeycomb cutter - Serrated cutting
<i>HSS-E 5% Co</i> | p.174 |
| 1CC | Hogger/cutter combination
<i>Plain shank - HSS-E 5% Co coated</i> | p.175 |
| 1CD | Hogger/cutter combination
<i>Shell end mill - HSS-E 5% Co coated</i> | p.176 |
| 1CE | Honeycomb end mill
<i>Plain shank - Solid carbide</i> | p.177 |
| 1CF | Cutter for hogger (1CC)
<i>Threaded shank - HSS-E 5% Co</i> | p.178 |
| 1CG | Cutter for hogger (1CD) - Serrated cutting
<i>Boring - HSS-E 5% Co</i> | p.179 |
| 1CH | Cutter for hogger (1CD) - Plain cutting
<i>Boring - Solid carbide</i> | p.180 |
| 1CM | VHP 2 flutes herringbone router
<i>Compression router - Solid carbide</i> | p.181 |

1CA

Honeycomb cutter - Plain cutting

HSS Co 5%



Nida-Al

Nomex

Characteristics

- ⌘ Facing of honeycomb, on CNC machines
- ⌘ Milling cutter without teeth
- ⌘ HSS Co 5% cutter
- ⌘ For aluminum and Nomex honeycomb



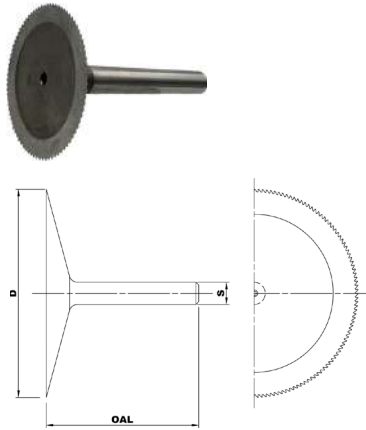
ØD (mm)	ØD (inch)	S (mm)	OAL (mm)	Item
18	.7087	6	55	1CA1A001
20	.7874	6	55	1CA1A002
25	.9843	6	55	1CA1A003
30	1.1811	6	55	1CA1A004
35	1.378	8	65	1CA1A005
40	1.5748	8	65	1CA1A006
50	1.9685	8	65	1CA1A007
60	2.3622	8	65	1CA1A008
75	2.9528	10	75	1CA1A009
100	3.937	12	85	1CA1A010

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1CB

Honeycomb cutter - Serrated cutting

HSS Co 5%



Nomex

Characteristics

- ⌘ Facing of the nomex honeycomb, on CNC machines
- ⌘ Serrated cutting
- ⌘ HSS Co 5% cutter
- ⌘ For Nomex honeycomb



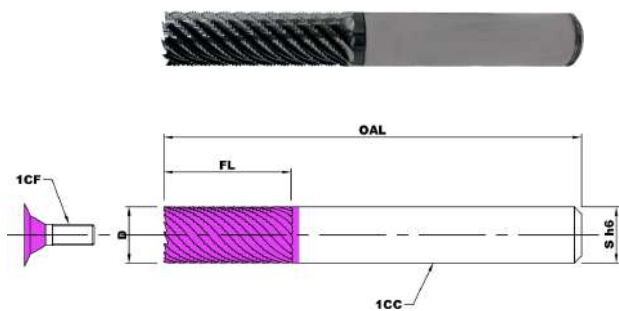
ØD (mm)	ØD (inch)	Z	S (mm)	OAL (mm)	Item
18	.7087	38	6	55	1CB1A001
20	.7874	42	6	55	1CB1A002
25	.9843	52	6	55	1CB1A003
30	1.1811	63	6	55	1CB1A004
35	1.378	73	8	65	1CB1A005
40	1.5748	84	8	65	1CB1A006
50	1.9685	105	8	65	1CB1A007
60	2.3622	126	8	65	1CB1A008
75	2.9528	157	10	75	1CB1A009
100	3.937	209	12	85	1CB1A010

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1CC

Hogger/cutter combination

HSS Co 5%



Nomex

Characteristics

- ⌘ Facing and dressing of the nomex honeycomb, on CNC machines
- ⌘ Right-hand helix milling cutter, right-hand cut, chip breakers
- ⌘ Coated HSS Co 5% cutter
- ⌘ For Nomex honeycomb
- ⌘ These cutters are used with our 1CF knives



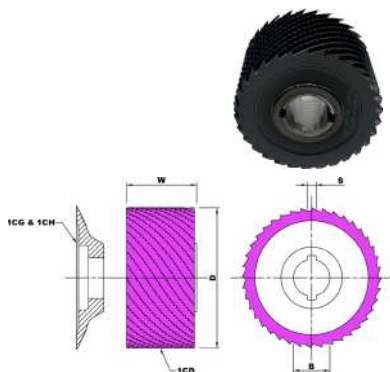
ØD (mm)	ØD (inch)	Z	LCF (mm)	S (mm)	OAL (mm)	Item
16	.6299	10	50	16	120	1CC1C001
20	.7874	12	50	20	120	1CC1C002
25	.9843	16	50	25	120	1CC1C003

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
Contact us by sending your request via email to request@nexam.aero

1CD

Hogger/cutter combination

HSS Co 5%



Nomex

Characteristics

- ⌘ Facing and dressing of the nomex honeycomb, on CNC machines
- ⌘ Boring cutter, right hand helix, right hand cut, chip breakers
- ⌘ Coated HSS Co 5% cutter
- ⌘ For Nomex honeycomb
- ⌘ These cutters are used with our 1CG and 1CH knives and are mounted on our 1ZA tool holders



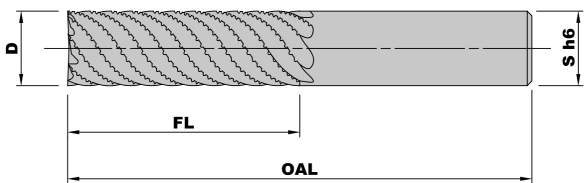
ØD (mm)	ØD (inch)	B (mm)	Z	L (mm)	C (mm)	Item
44	1.7323	13	30	18	3	1CD1C001
44	1.7323	13	30	31	3	1CD1C002
61.5	2.4213	16	40	18	4	1CD1C003
61.5	2.4213	16	40	31	4	1CD1C004

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1CE

Honeycomb end mill

Solid carbide



Nomex

Characteristics

- ⌘ Grooving of the nomex honeycomb, on CNC machines.
- ⌘ Right-hand helix milling cutter, right-hand cut, chip breakers
- ⌘ Solid carbide cutter
- ⌘ For Nomex honeycomb



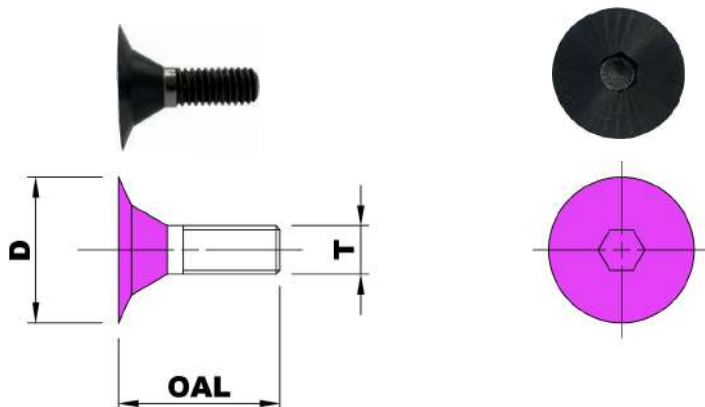
ØD (mm)	ØD (inch)	Z	LCF (mm)	S (mm)	OAL (mm)	Item
10	.3937	6	35	10	70	1CE4A001
10	.3937	6	65	10	100	1CE4A002
12	.4724	8	35	12	70	1CE4A003
12	.4724	8	65	12	100	1CE4A004
16	.6299	10	50	16	100	1CE4A005
16	.6299	10	110	16	160	1CE4A006
20	.7874	12	50	20	100	1CE4A007
20	.7874	12	110	20	160	1CE4A008

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1CF

Cutter for hogger (1CC)

HSS Co 5%



Characteristics

- ⌘ Facing of the nomex honeycomb, on CNC machines
- ⌘ Plain cutting
- ⌘ Carbide coated hogger
- ⌘ For Nomex honeycomb
- ⌘ These knives are mounted on our 1CC surfacing-dressing cutters



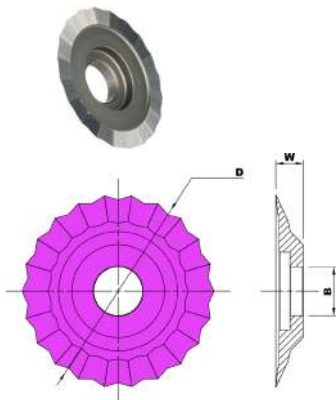
ØD (mm)	ØD (inch)	OAL (mm)	T	Item
18	.7087	20	M6	1CF1C001
22	.8661	20	M6	1CF1C002
27	1.063	20	M8	1CF1C003

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1CG

Cutter for hogger (1CD) - Serrated cutting

HSS Co 5%



Characteristics

- ⌘ Facing of the nomex honeycomb, on CNC machines
- ⌘ Serrated cutting
- ⌘ HSS Co 5% coated hogger
- ⌘ For Nomex honeycomb
- ⌘ These knives are mounted on our 1ZA tool holders with the 1CD surfacing-dressing cutters



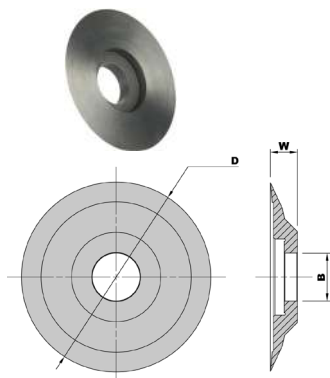
ØD (mm)	ØD (inch)	B (mm)	L (mm)	Item
45	1.7717	13	8.5	1CG1C001
63	2.4803	16	8.5	1CG1C002

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
Contact us by sending your request via email to request@nexam.aero

1CH

Cutter for hogger (1CD) - Plain cutting

Solid carbide



Characteristics

- ⌘ Facing of the nomex honeycomb, on CNC machines
- ⌘ Plain cutting
- ⌘ Carbide hogger
- ⌘ For Nomex honeycomb
- ⌘ These knives are mounted on our 1ZA tool holders with the 1CD surfacing-dressing cutters



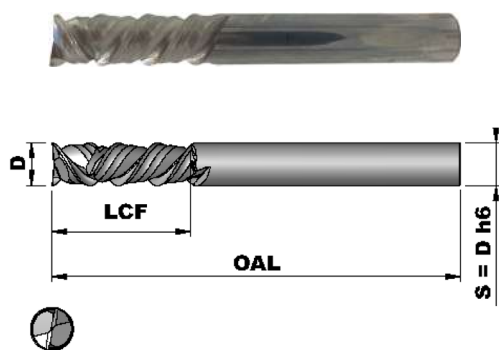
ØD (mm)	ØD (inch)	B (mm)	L (mm)	Item
45	1.7717	13	8.5	1CH4A001
63	2.4803	16	8.5	1CH4A002

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

1CM

VHP 2 flutes herringbone router

Solid carbide



CFRP

Kev

GFRP

Nida-Al

Nomex

Characteristics

- ⌘ Facing of honeycomb, on CNC machines
- ⌘ 2 flutes cutter, herringbone helix, right hand cut
- ⌘ Solid carbide cutter
- ⌘ For machining honeycomb and composite materials
- ⌘ High feed rate cutter. Excellent surface finish and cutting in NOMEX honeycomb

CARBIDE

z2

ØD (mm)	ØD (inch)	Z	LCF (mm)	OAL (mm)	Item
3	.1181	2	9.5	38	1CM4A001
3.175	.125 (1/8)	2	9.5	38	1CM4A002
4	.1575	2	14	50	1CM4A003
6	.2362	2	18	68	1CM4A004
6,35	.25 (1/4)	2	19	76	1CM4A005
8	.315	2	24	74	1CM4A006
9,525	.375 (3/8)	2	19	76	1CM4A007
9,525	.375 (3/8)	2	51	102	1CM4A008
10	.3937	2	30	80	1CM4A009
12	.4724	2	36	86	1CM4A010
12,7	.5 (1/2)	2	25	76	1CM4A011
12,7	.5 (1/2)	2	51	102	1CM4A012

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

12A

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

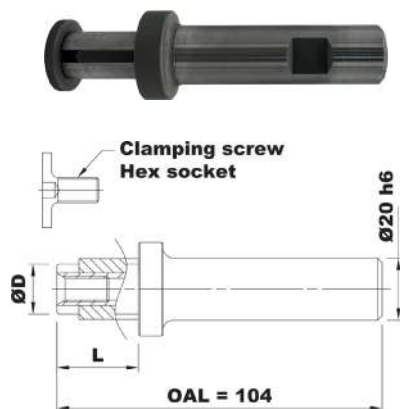
p.183

Cemented and hardened steel

1ZA

Toolholder for cutters

Steel



Characteristics

- ⌘ Toolholder for cutters item 1CD, 1CG and 1CH with bore
- ⌘ Steel tool

ØD (mm)	ØD (inch)	L (mm)	S (mm)	OAL (mm)	Item
13	.5118	18	20	104	1ZA0A001
13	.5118	31	20	104	1ZA0A002
16	.6299	18	20	104	1ZA0A003
16	.6299	31	20	104	1ZA0A004

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

DR93 Coated drill 3xD p.185
Drilling - Solid carbide - 3xD

DR95 Coated drill 5xD p.193
Drilling - Solid carbide - 5xD

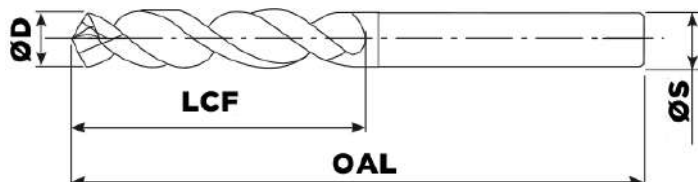
DR98 Coated drill 8xD p.201
Drilling - Solid carbide - 8xD

DR99 Center drill p.205
Drilling - Solid carbide

DR930
/ 931

Coated drill 3xD

Solid carbide



Characteristics

⌘ Coated drill bit with/without oil holes

⌘ Up to 3xD

⌘ For general use



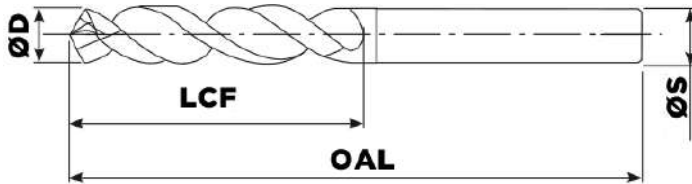
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
1	2	7	3	35	With lub.	DR930-001
1.1	2	7	3	35	With lub.	DR930-002
1.2	2	7	3	35	With lub.	DR930-003
1.3	2	7	3	35	With lub.	DR930-004
1.4	2	7	3	35	With lub.	DR930-005
1.5	2	9	3	40	With lub.	DR930-006
1.6	2	10	3	40	With lub.	DR930-007
1.7	2	10	3	40	With lub.	DR930-008
1.8	2	11	3	40	With lub.	DR930-009
1.9	2	11	3	40	With lub.	DR930-010
2	2	13	3	45	With lub.	DR930-011
2.1	2	13	3	45	With lub.	DR930-012
2.2	2	13	3	45	With lub.	DR930-013
2.3	2	13	3	45	With lub.	DR930-014
2.4	2	15	3	45	With lub.	DR930-015
2.5	2	15	3	50	With lub.	DR930-016
2.6	2	15	3	50	With lub.	DR930-017
2.7	2	17	3	50	With lub.	DR930-018
2.8	2	17	3	50	With lub.	DR930-019
2.9	2	17	3	50	With lub.	DR930-020
3	2	20	6	62	With lub.	DR930-021
3.1	2	20	6	62	With lub.	DR930-022
3,17 (1/8)	2	20	6	62	With lub.	DR930-023
3.2	2	20	6	62	With lub.	DR930-024
3.3	2	20	6	62	With lub.	DR930-025
3.4	2	20	6	62	With lub.	DR930-026
3.5	2	20	6	62	With lub.	DR930-027
3,57 (9/64)	2	20	6	62	With lub.	DR930-028
3.6	2	20	6	62	With lub.	DR930-029
3.7	2	20	6	62	With lub.	DR930-030
3.8	2	24	6	66	With lub.	DR930-031
3.9	2	24	6	66	With lub.	DR930-032
3,97 (5/32)	2	24	6	66	With lub.	DR930-033
4	2	24	6	66	With lub.	DR930-034
4.1	2	24	6	66	With lub.	DR930-035
4.2	2	24	6	66	With lub.	DR930-036
4.3	2	24	6	66	With lub.	DR930-037
4.37	2	24	6	66	With lub.	DR930-038

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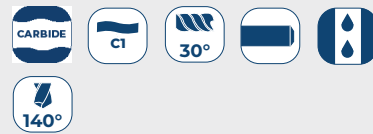
Coated drill 3xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 3xD
- ⌘ For general use



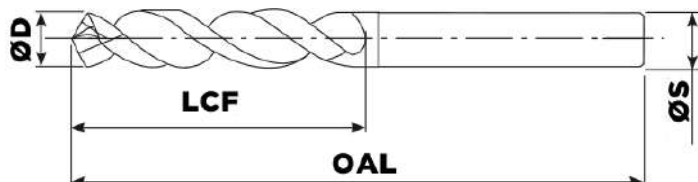
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
4.4	2	24	6	66	With lub.	DR930-039
4.5	2	24	6	66	With lub.	DR930-040
4.6	2	24	6	66	With lub.	DR930-041
4.7	2	24	6	66	With lub.	DR930-042
4,76 (3/16)	2	24	6	66	With lub.	DR930-043
4.8	2	28	6	66	With lub.	DR930-044
4.9	2	28	6	66	With lub.	DR930-045
5	2	28	6	66	With lub.	DR930-046
5.1	2	28	6	66	With lub.	DR930-047
5,16 (13/64)	2	28	6	66	With lub.	DR930-048
5.2	2	28	6	66	With lub.	DR930-049
5.3	2	28	6	66	With lub.	DR930-050
5.4	2	28	6	66	With lub.	DR930-051
5.5	2	28	6	66	With lub.	DR930-052
5,56 (7/32)	2	28	6	66	With lub.	DR930-053
5.6	2	28	6	66	With lub.	DR930-054
5.7	2	28	6	66	With lub.	DR930-055
5.8	2	28	6	66	With lub.	DR930-056
5.9	2	28	6	66	With lub.	DR930-057
6	2	28	6	66	With lub.	DR930-058
6.1	2	34	8	79	With lub.	DR930-059
6.2	2	34	8	79	With lub.	DR930-060
6.3	2	34	8	79	With lub.	DR930-061
6,35 (1/4)	2	34	8	79	With lub.	DR930-062
6.4	2	34	8	79	With lub.	DR930-063
6.5	2	34	8	79	With lub.	DR930-064
6.6	2	34	8	79	With lub.	DR930-065
6.7	2	34	8	79	With lub.	DR930-066
6,75 (17/64)	2	34	8	79	With lub.	DR930-067
6.8	2	34	8	79	With lub.	DR930-068
6.9	2	34	8	79	With lub.	DR930-069
7	2	34	8	79	With lub.	DR930-070
7.1	2	41	8	79	With lub.	DR930-071
7.2	2	41	8	79	With lub.	DR930-072
7.3	2	41	8	79	With lub.	DR930-073
7.4	2	41	8	79	With lub.	DR930-074
7.5	2	41	8	79	With lub.	DR930-075
7,54 (19/64)	2	41	8	79	With lub.	DR930-076

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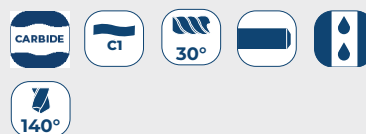
Coated drill 3xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 3xD
- ⌘ For general use



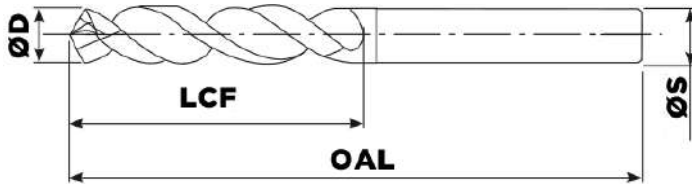
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
7.6	2	41	8	79	With lub.	DR930-077
7.7	2	41	8	79	With lub.	DR930-078
7.8	2	41	8	79	With lub.	DR930-079
7.9	2	41	8	79	With lub.	DR930-080
7,94 (5/16)	2	41	8	79	With lub.	DR930-081
8	2	41	8	79	With lub.	DR930-082
8.1	2	47	10	89	With lub.	DR930-083
8.2	2	47	10	89	With lub.	DR930-084
8.3	2	47	10	89	With lub.	DR930-085
8,33 (21/64)	2	47	10	89	With lub.	DR930-086
8.4	2	47	10	89	With lub.	DR930-087
8.5	2	47	10	89	With lub.	DR930-088
8.6	2	47	10	89	With lub.	DR930-089
8.7	2	47	10	89	With lub.	DR930-090
8,73 (11/32)	2	47	10	89	With lub.	DR930-091
8.8	2	47	10	89	With lub.	DR930-092
8.9	2	47	10	89	With lub.	DR930-093
9	2	47	10	89	With lub.	DR930-094
9.1	2	47	10	89	With lub.	DR930-095
9,13 (23/64)	2	47	10	89	With lub.	DR930-096
9.2	2	47	10	89	With lub.	DR930-097
9.3	2	47	10	89	With lub.	DR930-098
9.4	2	47	10	89	With lub.	DR930-099
9.5	2	47	10	89	With lub.	DR930-100
9,52 (3/8)	2	47	10	89	With lub.	DR930-101
9.6	2	47	10	89	With lub.	DR930-102
9.7	2	47	10	89	With lub.	DR930-103
9.8	2	47	10	89	With lub.	DR930-104
9.9	2	47	10	89	With lub.	DR930-105
9,92 (25/64)	2	47	10	89	With lub.	DR930-106
10	2	47	10	89	With lub.	DR930-107
10.1	2	55	12	102	With lub.	DR930-108
10.2	2	55	12	102	With lub.	DR930-109
10.3	2	55	12	102	With lub.	DR930-110
10,32 (13/32)	2	55	12	102	With lub.	DR930-111
10.4	2	55	12	102	With lub.	DR930-112
10.5	2	55	12	102	With lub.	DR930-113
10.6	2	55	12	102	With lub.	DR930-114

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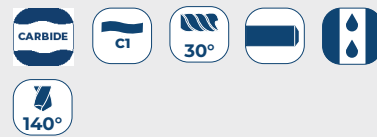
Coated drill 3xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 3xD
- ⌘ For general use



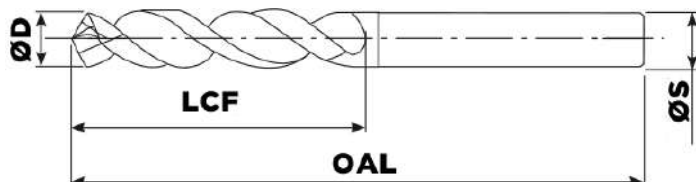
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
10.7	2	55	12	102	With lub.	DR930-115
10,72 (27/64)	2	55	12	102	With lub.	DR930-116
10.8	2	55	12	102	With lub.	DR930-117
10.9	2	55	12	102	With lub.	DR930-118
11	2	55	12	102	With lub.	DR930-119
11.1	2	55	12	102	With lub.	DR930-120
11,11 (7/16)	2	55	12	102	With lub.	DR930-121
11.2	2	55	12	102	With lub.	DR930-122
11.3	2	55	12	102	With lub.	DR930-123
11.4	2	55	12	102	With lub.	DR930-124
11.5	2	55	12	102	With lub.	DR930-125
11,51 (29/64)	2	55	12	102	With lub.	DR930-126
11.6	2	55	12	102	With lub.	DR930-127
11.7	2	55	12	102	With lub.	DR930-128
11.8	2	55	12	102	With lub.	DR930-129
11.9	2	55	12	102	With lub.	DR930-130
11,91 (15/32)	2	55	12	102	With lub.	DR930-131
12	2	55	12	102	With lub.	DR930-132
12,3 (31/64)	2	60	14	107	With lub.	DR930-133
12.5	2	60	14	107	With lub.	DR930-134
12,7 (1/2)	2	60	14	107	With lub.	DR930-135
13	2	60	14	107	With lub.	DR930-136
13.5	2	60	14	107	With lub.	DR930-137
14	2	60	14	107	With lub.	DR930-138
14,29 (9/16)	2	65	16	115	With lub.	DR930-139
14.5	2	65	16	115	With lub.	DR930-140
15	2	65	16	115	With lub.	DR930-141
15.5	2	65	16	115	With lub.	DR930-142
15,87 (5/8)	2	65	16	115	With lub.	DR930-143
16	2	65	16	115	With lub.	DR930-144
16.5	2	73	18	123	With lub.	DR930-145
17	2	73	18	123	With lub.	DR930-146
17.5	2	73	18	123	With lub.	DR930-147
18	2	73	18	123	With lub.	DR930-148
18.5	2	79	20	131	With lub.	DR930-149
19	2	79	20	131	With lub.	DR930-150
19.5	2	79	20	131	With lub.	DR930-151
20	2	79	20	131	With lub.	DR930-152

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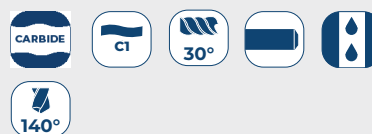
Coated drill 3xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 3xD
- ⌘ For general use



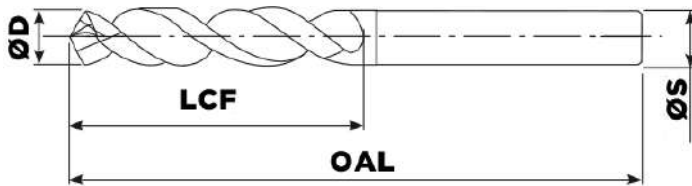
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
1	2	7	3	35	Without lub.	DR931-001
1.1	2	7	3	35	Without lub.	DR931-002
1.2	2	7	3	35	Without lub.	DR931-003
1.3	2	7	3	35	Without lub.	DR931-004
1.4	2	7	3	35	Without lub.	DR931-005
1.5	2	9	3	40	Without lub.	DR931-006
1.6	2	10	3	40	Without lub.	DR931-007
1.7	2	10	3	40	Without lub.	DR931-008
1.8	2	11	3	40	Without lub.	DR931-009
1.9	2	11	3	40	Without lub.	DR931-010
2	2	13	3	45	Without lub.	DR931-011
2.1	2	13	3	45	Without lub.	DR931-012
2.2	2	13	3	45	Without lub.	DR931-013
2.3	2	13	3	45	Without lub.	DR931-014
2.4	2	15	3	45	Without lub.	DR931-015
2.5	2	15	3	50	Without lub.	DR931-016
2.6	2	15	3	50	Without lub.	DR931-017
2.7	2	17	3	50	Without lub.	DR931-018
2.8	2	17	3	50	Without lub.	DR931-019
2.9	2	17	3	50	Without lub.	DR931-020
3	2	20	6	62	Without lub.	DR931-021
3.1	2	20	6	62	Without lub.	DR931-022
3,17 (1/8)	2	20	6	62	Without lub.	DR931-023
3.2	2	20	6	62	Without lub.	DR931-024
3.3	2	20	6	62	Without lub.	DR931-025
3.4	2	20	6	62	Without lub.	DR931-026
3.5	2	20	6	62	Without lub.	DR931-027
3,57 (9/64)	2	20	6	62	Without lub.	DR931-028
3.6	2	20	6	62	Without lub.	DR931-029
3.7	2	20	6	62	Without lub.	DR931-030
3.8	2	24	6	66	Without lub.	DR931-031
3.9	2	24	6	66	Without lub.	DR931-032
3,97 (5/32)	2	24	6	66	Without lub.	DR931-033
4	2	24	6	66	Without lub.	DR931-034
4.1	2	24	6	66	Without lub.	DR931-035
4.2	2	24	6	66	Without lub.	DR931-036
4.3	2	24	6	66	Without lub.	DR931-037
4.37	2	24	6	66	Without lub.	DR931-038

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/ 931

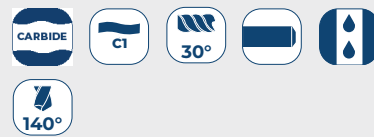
Coated drill 3xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 3xD
- ⌘ For general use



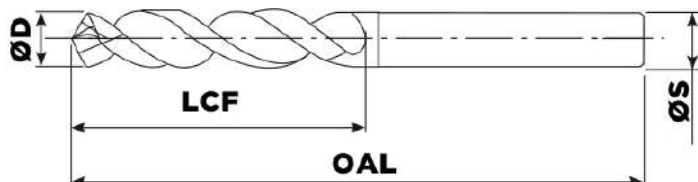
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
4.4	2	24	6	66	Without lub.	DR931-039
4.5	2	24	6	66	Without lub.	DR931-040
4.6	2	24	6	66	Without lub.	DR931-041
4.7	2	24	6	66	Without lub.	DR931-042
4,76 (3/16)	2	24	6	66	Without lub.	DR931-043
4.8	2	28	6	66	Without lub.	DR931-044
4.9	2	28	6	66	Without lub.	DR931-045
5	2	28	6	66	Without lub.	DR931-046
5.1	2	28	6	66	Without lub.	DR931-047
5,16 (13/64)	2	28	6	66	Without lub.	DR931-048
5.2	2	28	6	66	Without lub.	DR931-049
5.3	2	28	6	66	Without lub.	DR931-050
5.4	2	28	6	66	Without lub.	DR931-051
5.5	2	28	6	66	Without lub.	DR931-052
5,56 (7/32)	2	28	6	66	Without lub.	DR931-053
5.6	2	28	6	66	Without lub.	DR931-054
5.7	2	28	6	66	Without lub.	DR931-055
5.8	2	28	6	66	Without lub.	DR931-056
5.9	2	28	6	66	Without lub.	DR931-057
6	2	28	6	66	Without lub.	DR931-058
6.1	2	34	8	79	Without lub.	DR931-059
6.2	2	34	8	79	Without lub.	DR931-060
6.3	2	34	8	79	Without lub.	DR931-061
6,35 (1/4)	2	34	8	79	Without lub.	DR931-062
6.4	2	34	8	79	Without lub.	DR931-063
6.5	2	34	8	79	Without lub.	DR931-064
6.6	2	34	8	79	Without lub.	DR931-065
6.7	2	34	8	79	Without lub.	DR931-066
6,75 17/64)	2	34	8	79	Without lub.	DR931-067
6.8	2	34	8	79	Without lub.	DR931-068
6.9	2	34	8	79	Without lub.	DR931-069
7	2	34	8	79	Without lub.	DR931-070
7.1	2	41	8	79	Without lub.	DR931-071
7.2	2	41	8	79	Without lub.	DR931-072
7.3	2	41	8	79	Without lub.	DR931-073
7.4	2	41	8	79	Without lub.	DR931-074
7.5	2	41	8	79	Without lub.	DR931-075
7,54 (19/64)	2	41	8	79	Without lub.	DR931-076

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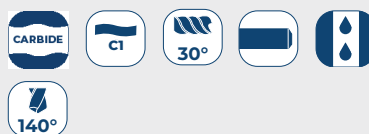
Coated drill 3xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 3xD
- ⌘ For general use



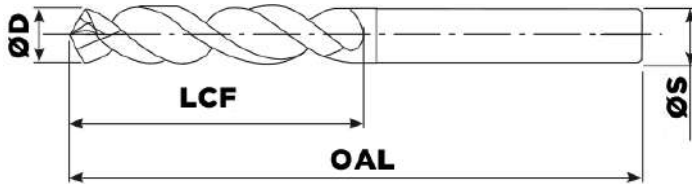
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
7.6	2	41	8	79	Without lub.	DR931-077
7.7	2	41	8	79	Without lub.	DR931-078
7.8	2	41	8	79	Without lub.	DR931-079
7.9	2	41	8	79	Without lub.	DR931-080
7,94 (5/16)	2	41	8	79	Without lub.	DR931-081
8	2	41	8	79	Without lub.	DR931-082
8.1	2	47	10	89	Without lub.	DR931-083
8.2	2	47	10	89	Without lub.	DR931-084
8.3	2	47	10	89	Without lub.	DR931-085
8,33 (21/64)	2	47	10	89	Without lub.	DR931-086
8.4	2	47	10	89	Without lub.	DR931-087
8.5	2	47	10	89	Without lub.	DR931-088
8.6	2	47	10	89	Without lub.	DR931-089
8.7	2	47	10	89	Without lub.	DR931-090
8,73 (11/32)	2	47	10	89	Without lub.	DR931-091
8.8	2	47	10	89	Without lub.	DR931-092
8.9	2	47	10	89	Without lub.	DR931-093
9	2	47	10	89	Without lub.	DR931-094
9.1	2	47	10	89	Without lub.	DR931-095
9,13 (23/64)	2	47	10	89	Without lub.	DR931-096
9.2	2	47	10	89	Without lub.	DR931-097
9.3	2	47	10	89	Without lub.	DR931-098
9.4	2	47	10	89	Without lub.	DR931-099
9.5	2	47	10	89	Without lub.	DR931-100
9,52 (3/8)	2	47	10	89	Without lub.	DR931-101
9.6	2	47	10	89	Without lub.	DR931-102
9.7	2	47	10	89	Without lub.	DR931-103
9.8	2	47	10	89	Without lub.	DR931-104
9.9	2	47	10	89	Without lub.	DR931-105
9,92 (25/64)	2	47	10	89	Without lub.	DR931-106
10	2	47	10	89	Without lub.	DR931-107
10.1	2	55	12	102	Without lub.	DR931-108
10.2	2	55	12	102	Without lub.	DR931-109
10.3	2	55	12	102	Without lub.	DR931-110
10,32 (13/32)	2	55	12	102	Without lub.	DR931-111
10.4	2	55	12	102	Without lub.	DR931-112
10.5	2	55	12	102	Without lub.	DR931-113
10.6	2	55	12	102	Without lub.	DR931-114

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DR930
/ 931

Coated drill 3xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 3xD
- ⌘ For general use



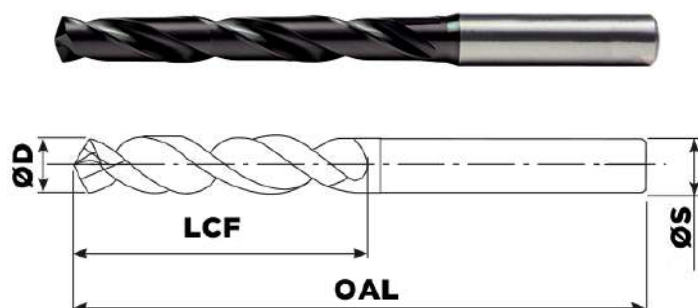
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
10.7	2	55	12	102	Without lub.	DR931-115
10,72 (27/64)	2	55	12	102	Without lub.	DR931-116
10.8	2	55	12	102	Without lub.	DR931-117
10.9	2	55	12	102	Without lub.	DR931-118
11	2	55	12	102	Without lub.	DR931-119
11.1	2	55	12	102	Without lub.	DR931-120
11,11 (7/16)	2	55	12	102	Without lub.	DR931-121
11.2	2	55	12	102	Without lub.	DR931-122
11.3	2	55	12	102	Without lub.	DR931-123
11.4	2	55	12	102	Without lub.	DR931-124
11.5	2	55	12	102	Without lub.	DR931-125
11,51 (29/64)	2	55	12	102	Without lub.	DR931-126
11.6	2	55	12	102	Without lub.	DR931-127
11.7	2	55	12	102	Without lub.	DR931-128
11.8	2	55	12	102	Without lub.	DR931-129
11.9	2	55	12	102	Without lub.	DR931-130
11,91 (15/32)	2	55	12	102	Without lub.	DR931-131
12	2	55	12	102	Without lub.	DR931-132
12,3 (31/64)	2	60	14	107	Without lub.	DR931-133
12.5	2	60	14	107	Without lub.	DR931-134
12,7 (1/2)	2	60	14	107	Without lub.	DR931-135
13	2	60	14	107	Without lub.	DR931-136
13.5	2	60	14	107	Without lub.	DR931-137
14	2	60	14	107	Without lub.	DR931-138
14,29 (9/16)	2	65	16	115	Without lub.	DR931-139
14.5	2	65	16	115	Without lub.	DR931-140
15	2	65	16	115	Without lub.	DR931-141
15.5	2	65	16	115	Without lub.	DR931-142
15,87 (5/8)	2	65	16	115	Without lub.	DR931-143
16	2	65	16	115	Without lub.	DR931-144
16.5	2	73	18	123	Without lub.	DR931-145
17	2	73	18	123	Without lub.	DR931-146
17.5	2	73	18	123	Without lub.	DR931-147
18	2	73	18	123	Without lub.	DR931-148
18.5	2	79	20	131	Without lub.	DR931-149
19	2	79	20	131	Without lub.	DR931-150
19.5	2	79	20	131	Without lub.	DR931-151
20	2	79	20	131	Without lub.	DR931-152

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DR950
/ 951

Coated drill 5xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 5xD
- ⌘ For general use



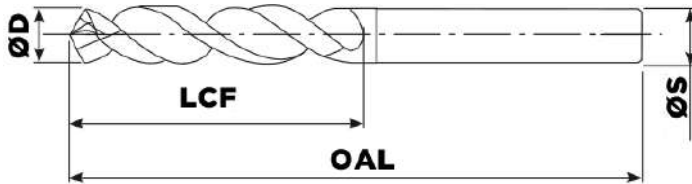
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
1	2	9	3	38	With lub.	DR950-001
1.1	2	9	3	38	With lub.	DR950-002
1.2	2	11	3	38	With lub.	DR950-003
1.3	2	11	3	38	With lub.	DR950-004
1.4	2	12	3	38	With lub.	DR950-005
1.5	2	12	3	45	With lub.	DR950-006
1.6	2	14	3	45	With lub.	DR950-007
1.7	2	14	3	45	With lub.	DR950-008
1.8	2	16	3	45	With lub.	DR950-009
1.9	2	16	3	45	With lub.	DR950-010
2	2	18	3	52	With lub.	DR950-011
2.1	2	18	3	52	With lub.	DR950-012
2.2	2	20	3	52	With lub.	DR950-013
2.3	2	20	3	52	With lub.	DR950-014
2.4	2	22	3	52	With lub.	DR950-015
2.5	2	22	3	56	With lub.	DR950-016
2.6	2	22	3	56	With lub.	DR950-017
2.7	2	23	3	56	With lub.	DR950-018
2.8	2	23	3	56	With lub.	DR950-019
2.9	2	23	3	56	With lub.	DR950-020
3	2	28	6	66	With lub.	DR950-021
3.1	2	28	6	66	With lub.	DR950-022
3,17 (1/8)	2	28	6	66	With lub.	DR950-023
3.2	2	28	6	66	With lub.	DR950-024
3.3	2	28	6	66	With lub.	DR950-025
3.4	2	28	6	66	With lub.	DR950-026
3.5	2	28	6	66	With lub.	DR950-027
3,57 (9/64)	2	28	6	66	With lub.	DR950-028
3.6	2	28	6	66	With lub.	DR950-029
3.7	2	28	6	66	With lub.	DR950-030
3.8	2	36	6	74	With lub.	DR950-031
3.9	2	36	6	74	With lub.	DR950-032
3,97 (5/32)	2	36	6	74	With lub.	DR950-033
4	2	36	6	74	With lub.	DR950-034
4.1	2	36	6	74	With lub.	DR950-035
4.2	2	36	6	74	With lub.	DR950-036
4.3	2	36	6	74	With lub.	DR950-037
4.37	2	36	6	74	With lub.	DR950-038

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DR950
/ 951

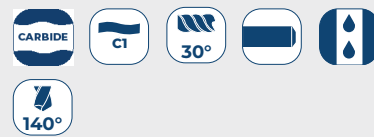
Coated drill 5xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 5xD
- ⌘ For general use



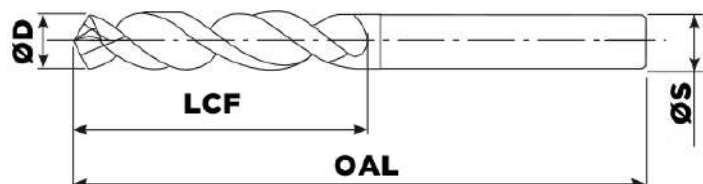
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
4.4	2	36	6	74	With lub.	DR950-039
4.5	2	36	6	74	With lub.	DR950-040
4.6	2	36	6	74	With lub.	DR950-041
4.7	2	44	6	82	With lub.	DR950-042
4,76 (3/16)	2	44	6	82	With lub.	DR950-043
4.8	2	44	6	82	With lub.	DR950-044
4.9	2	44	6	82	With lub.	DR950-045
5	2	44	6	82	With lub.	DR950-046
5.1	2	44	6	82	With lub.	DR950-047
5,16 (13/64)	2	44	6	82	With lub.	DR950-048
5.2	2	44	6	82	With lub.	DR950-049
5.3	2	44	6	82	With lub.	DR950-050
5.4	2	44	6	82	With lub.	DR950-051
5.5	2	44	6	82	With lub.	DR950-052
5,56 (7/32)	2	44	6	82	With lub.	DR950-053
5.6	2	44	6	82	With lub.	DR950-054
5.7	2	44	6	82	With lub.	DR950-055
5.8	2	44	6	82	With lub.	DR950-056
5.9	2	44	6	82	With lub.	DR950-057
6	2	44	6	82	With lub.	DR950-058
6.1	2	53	8	91	With lub.	DR950-059
6.2	2	53	8	91	With lub.	DR950-060
6.3	2	53	8	91	With lub.	DR950-061
6,35 (1/4)	2	53	8	91	With lub.	DR950-062
6.4	2	53	8	91	With lub.	DR950-063
6.5	2	53	8	91	With lub.	DR950-064
6.6	2	53	8	91	With lub.	DR950-065
6.7	2	53	8	91	With lub.	DR950-066
6,75 (17/64)	2	53	8	91	With lub.	DR950-067
6.8	2	53	8	91	With lub.	DR950-068
6.9	2	53	8	91	With lub.	DR950-069
7	2	53	8	91	With lub.	DR950-070
7.1	2	53	8	91	With lub.	DR950-071
7.2	2	53	8	91	With lub.	DR950-072
7.3	2	53	8	91	With lub.	DR950-073
7.4	2	53	8	91	With lub.	DR950-074
7.5	2	53	8	91	With lub.	DR950-075
7,54 (19/64)	2	53	8	91	With lub.	DR950-076

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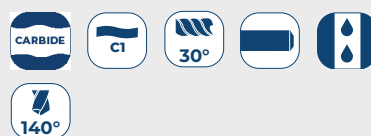
Coated drill 5xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 5xD
- ⌘ For general use



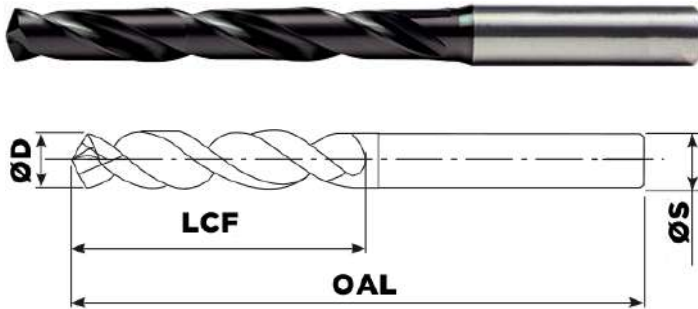
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
7.6	2	53	8	91	With lub.	DR950-077
7.7	2	53	8	91	With lub.	DR950-078
7.8	2	53	8	91	With lub.	DR950-079
7.9	2	53	8	91	With lub.	DR950-080
7,94 (5/16)	2	53	8	91	With lub.	DR950-081
8	2	53	8	91	With lub.	DR950-082
8.1	2	61	10	103	With lub.	DR950-083
8.2	2	61	10	103	With lub.	DR950-084
8.3	2	61	10	103	With lub.	DR950-085
8,33 (21/64)	2	61	10	103	With lub.	DR950-086
8.4	2	61	10	103	With lub.	DR950-087
8.5	2	61	10	103	With lub.	DR950-088
8.6	2	61	10	103	With lub.	DR950-089
8.7	2	61	10	103	With lub.	DR950-090
8,73 (11/32)	2	61	10	103	With lub.	DR950-091
8.8	2	61	10	103	With lub.	DR950-092
8.9	2	61	10	103	With lub.	DR950-093
9	2	61	10	103	With lub.	DR950-094
9.1	2	61	10	103	With lub.	DR950-095
9,13 (23/64)	2	61	10	103	With lub.	DR950-096
9.2	2	61	10	103	With lub.	DR950-097
9.3	2	61	10	103	With lub.	DR950-098
9.4	2	61	10	103	With lub.	DR950-099
9.5	2	61	10	103	With lub.	DR950-100
9,52 (3/8)	2	61	10	103	With lub.	DR950-101
9.6	2	61	10	103	With lub.	DR950-102
9.7	2	61	10	103	With lub.	DR950-103
9.8	2	61	10	103	With lub.	DR950-104
9.9	2	61	10	103	With lub.	DR950-105
9,92 (25/64)	2	61	10	103	With lub.	DR950-106
10	2	61	10	103	With lub.	DR950-107
10.1	2	71	12	118	With lub.	DR950-108
10.2	2	71	12	118	With lub.	DR950-109
10.3	2	71	12	118	With lub.	DR950-110
10,32 (13/32)	2	71	12	118	With lub.	DR950-111
10.4	2	71	12	118	With lub.	DR950-112
10.5	2	71	12	118	With lub.	DR950-113
10.6	2	71	12	118	With lub.	DR950-114

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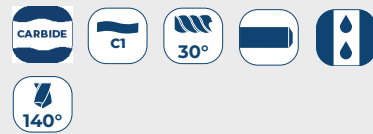
Coated drill 5xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 5xD
- ⌘ For general use



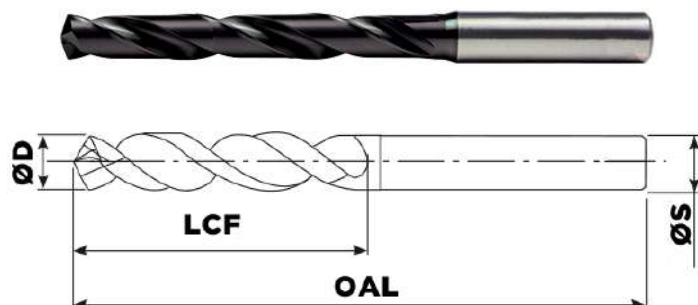
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
10.7	2	71	12	118	With lub.	DR950-115
10,72 (27/64)	2	71	12	118	With lub.	DR950-116
10.8	2	71	12	118	With lub.	DR950-117
10.9	2	71	12	118	With lub.	DR950-118
11	2	71	12	118	With lub.	DR950-119
11.1	2	71	12	118	With lub.	DR950-120
11,11 (7/16)	2	71	12	118	With lub.	DR950-121
11.2	2	71	12	118	With lub.	DR950-122
11.3	2	71	12	118	With lub.	DR950-123
11.4	2	71	12	118	With lub.	DR950-124
11.5	2	71	12	118	With lub.	DR950-125
11,51 (29/64)	2	71	12	118	With lub.	DR950-126
11.6	2	71	12	118	With lub.	DR950-127
11.7	2	71	12	118	With lub.	DR950-128
11.8	2	71	12	118	With lub.	DR950-129
11.9	2	71	12	118	With lub.	DR950-130
11,91 (15/32)	2	71	12	118	With lub.	DR950-131
12	2	71	12	118	With lub.	DR950-132
12,3 (31/64)	2	77	14	124	With lub.	DR950-133
12.5	2	77	14	124	With lub.	DR950-134
12,7 (1/2)	2	77	14	124	With lub.	DR950-135
13	2	77	14	124	With lub.	DR950-136
13.5	2	77	14	124	With lub.	DR950-137
14	2	77	14	124	With lub.	DR950-138
14,29 (9/16)	2	83	16	133	With lub.	DR950-139
14.5	2	83	16	133	With lub.	DR950-140
15	2	83	16	133	With lub.	DR950-141
15.5	2	83	16	133	With lub.	DR950-142
15,87 (5/8)	2	83	16	133	With lub.	DR950-143
16	2	83	16	133	With lub.	DR950-144
16.5	2	93	18	143	With lub.	DR950-145
17	2	93	18	143	With lub.	DR950-146
17.5	2	93	18	143	With lub.	DR950-147
18	2	93	18	143	With lub.	DR950-148
18.5	2	101	20	153	With lub.	DR950-149
19	2	101	20	153	With lub.	DR950-150
19.5	2	101	20	153	With lub.	DR950-151
20	2	101	20	153	With lub.	DR950-152

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DR950
/ 951

Coated drill 5xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 5xD
- ⌘ For general use



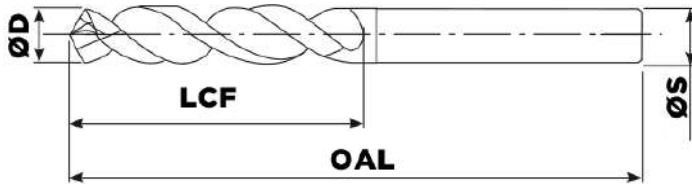
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
1	2	9	3	38	Without lub.	DR951-001
1.1	2	9	3	38	Without lub.	DR951-002
1.2	2	11	3	38	Without lub.	DR951-003
1.3	2	11	3	38	Without lub.	DR951-004
1.4	2	12	3	38	Without lub.	DR951-005
1.5	2	12	3	45	Without lub.	DR951-006
1.6	2	14	3	45	Without lub.	DR951-007
1.7	2	14	3	45	Without lub.	DR951-008
1.8	2	16	3	45	Without lub.	DR951-009
1.9	2	16	3	45	Without lub.	DR951-010
2	2	18	3	52	Without lub.	DR951-011
2.1	2	18	3	52	Without lub.	DR951-012
2.2	2	20	3	52	Without lub.	DR951-013
2.3	2	20	3	52	Without lub.	DR951-014
2.4	2	22	3	52	Without lub.	DR951-015
2.5	2	22	3	56	Without lub.	DR951-016
2.6	2	22	3	56	Without lub.	DR951-017
2.7	2	23	3	56	Without lub.	DR951-018
2.8	2	23	3	56	Without lub.	DR951-019
2.9	2	23	3	56	Without lub.	DR951-020
3	2	28	6	66	Without lub.	DR951-021
3.1	2	28	6	66	Without lub.	DR951-022
3,17 (1/8)	2	28	6	66	Without lub.	DR951-023
3.2	2	28	6	66	Without lub.	DR951-024
3.3	2	28	6	66	Without lub.	DR951-025
3.4	2	28	6	66	Without lub.	DR951-026
3.5	2	28	6	66	Without lub.	DR951-027
3,57 (9/64)	2	28	6	66	Without lub.	DR951-028
3.6	2	28	6	66	Without lub.	DR951-029
3.7	2	28	6	66	Without lub.	DR951-030
3.8	2	36	6	74	Without lub.	DR951-031
3.9	2	36	6	74	Without lub.	DR951-032
3,97 (5/32)	2	36	6	74	Without lub.	DR951-033
4	2	36	6	74	Without lub.	DR951-034
4.1	2	36	6	74	Without lub.	DR951-035
4.2	2	36	6	74	Without lub.	DR951-036
4.3	2	36	6	74	Without lub.	DR951-037
4.37	2	36	6	74	Without lub.	DR951-038

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/ 951

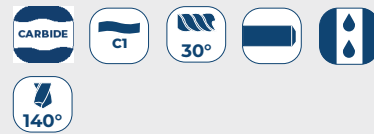
Coated drill 5xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 5xD
- ⌘ For general use



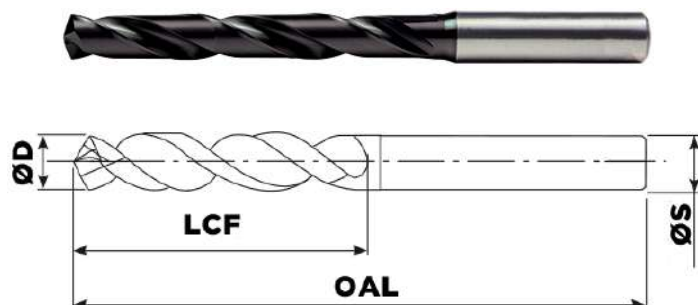
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
4.4	2	36	6	74	Without lub.	DR951-039
4.5	2	36	6	74	Without lub.	DR951-040
4.6	2	36	6	74	Without lub.	DR951-041
4.7	2	44	6	82	Without lub.	DR951-042
4,76 (3/16)	2	44	6	82	Without lub.	DR951-043
4.8	2	44	6	82	Without lub.	DR951-044
4.9	2	44	6	82	Without lub.	DR951-045
5	2	44	6	82	Without lub.	DR951-046
5.1	2	44	6	82	Without lub.	DR951-047
5,16 (13/64)	2	44	6	82	Without lub.	DR951-048
5.2	2	44	6	82	Without lub.	DR951-049
5.3	2	44	6	82	Without lub.	DR951-050
5.4	2	44	6	82	Without lub.	DR951-051
5.5	2	44	6	82	Without lub.	DR951-052
5,56 (7/32)	2	44	6	82	Without lub.	DR951-053
5.6	2	44	6	82	Without lub.	DR951-054
5.7	2	44	6	82	Without lub.	DR951-055
5.8	2	44	6	82	Without lub.	DR951-056
5.9	2	44	6	82	Without lub.	DR951-057
6	2	44	6	82	Without lub.	DR951-058
6.1	2	53	8	91	Without lub.	DR951-059
6.2	2	53	8	91	Without lub.	DR951-060
6.3	2	53	8	91	Without lub.	DR951-061
6,35 (1/4)	2	53	8	91	Without lub.	DR951-062
6.4	2	53	8	91	Without lub.	DR951-063
6.5	2	53	8	91	Without lub.	DR951-064
6.6	2	53	8	91	Without lub.	DR951-065
6.7	2	53	8	91	Without lub.	DR951-066
6,75 (17/64)	2	53	8	91	Without lub.	DR951-067
6.8	2	53	8	91	Without lub.	DR951-068
6.9	2	53	8	91	Without lub.	DR951-069
7	2	53	8	91	Without lub.	DR951-070
7.1	2	53	8	91	Without lub.	DR951-071
7.2	2	53	8	91	Without lub.	DR951-072
7.3	2	53	8	91	Without lub.	DR951-073
7.4	2	53	8	91	Without lub.	DR951-074
7.5	2	53	8	91	Without lub.	DR951-075
7,54 (19/64)	2	53	8	91	Without lub.	DR951-076

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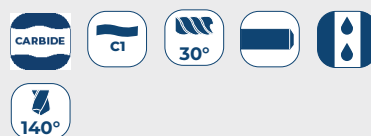
Coated drill 5xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 5xD
- ⌘ For general use



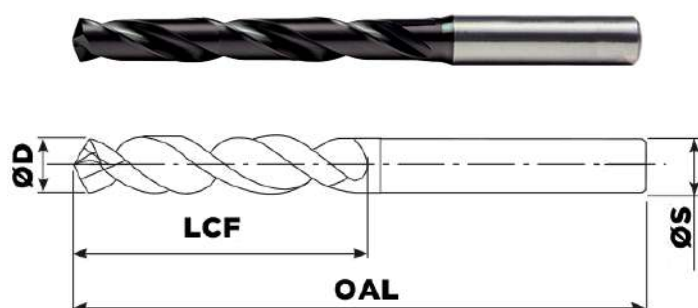
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
7.6	2	53	8	91	Without lub.	DR951-077
7.7	2	53	8	91	Without lub.	DR951-078
7.8	2	53	8	91	Without lub.	DR951-079
7.9	2	53	8	91	Without lub.	DR951-080
7,94 (5/16)	2	53	8	91	Without lub.	DR951-081
8	2	53	8	91	Without lub.	DR951-082
8.1	2	61	10	103	Without lub.	DR951-083
8.2	2	61	10	103	Without lub.	DR951-084
8.3	2	61	10	103	Without lub.	DR951-085
8,33 (21/64)	2	61	10	103	Without lub.	DR951-086
8.4	2	61	10	103	Without lub.	DR951-087
8.5	2	61	10	103	Without lub.	DR951-088
8.6	2	61	10	103	Without lub.	DR951-089
8.7	2	61	10	103	Without lub.	DR951-090
8,73 (11/32)	2	61	10	103	Without lub.	DR951-091
8.8	2	61	10	103	Without lub.	DR951-092
8.9	2	61	10	103	Without lub.	DR951-093
9	2	61	10	103	Without lub.	DR951-094
9.1	2	61	10	103	Without lub.	DR951-095
9,13 (23/64)	2	61	10	103	Without lub.	DR951-096
9.2	2	61	10	103	Without lub.	DR951-097
9.3	2	61	10	103	Without lub.	DR951-098
9.4	2	61	10	103	Without lub.	DR951-099
9.5	2	61	10	103	Without lub.	DR951-100
9,52 (3/8)	2	61	10	103	Without lub.	DR951-101
9.6	2	61	10	103	Without lub.	DR951-102
9.7	2	61	10	103	Without lub.	DR951-103
9.8	2	61	10	103	Without lub.	DR951-104
9.9	2	61	10	103	Without lub.	DR951-105
9,92 (25/64)	2	61	10	103	Without lub.	DR951-106
10	2	61	10	103	Without lub.	DR951-107
10.1	2	71	12	118	Without lub.	DR951-108
10.2	2	71	12	118	Without lub.	DR951-109
10.3	2	71	12	118	Without lub.	DR951-110
10,32 (13/32)	2	71	12	118	Without lub.	DR951-111
10.4	2	71	12	118	Without lub.	DR951-112
10.5	2	71	12	118	Without lub.	DR951-113
10.6	2	71	12	118	Without lub.	DR951-114

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
Contact us by sending your request via email to request@nexam.aero

DR950
/ 951

Coated drill 5xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with/without oil holes
- ⌘ Up to 5xD
- ⌘ For general use



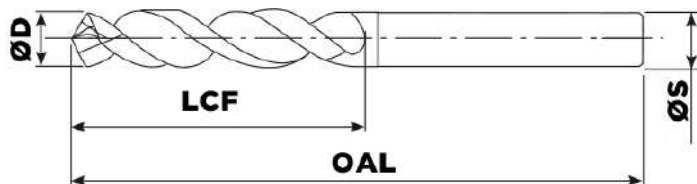
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
10.7	2	71	12	118	Without lub.	DR951-115
10,72 (27/64)	2	71	12	118	Without lub.	DR951-116
10.8	2	71	12	118	Without lub.	DR951-117
10.9	2	71	12	118	Without lub.	DR951-118
11	2	71	12	118	Without lub.	DR951-119
11.1	2	71	12	118	Without lub.	DR951-120
11,11 (7/16)	2	71	12	118	Without lub.	DR951-121
11.2	2	71	12	118	Without lub.	DR951-122
11.3	2	71	12	118	Without lub.	DR951-123
11.4	2	71	12	118	Without lub.	DR951-124
11.5	2	71	12	118	Without lub.	DR951-125
11,51 (29/64)	2	71	12	118	Without lub.	DR951-126
11.6	2	71	12	118	Without lub.	DR951-127
11.7	2	71	12	118	Without lub.	DR951-128
11.8	2	71	12	118	Without lub.	DR951-129
11.9	2	71	12	118	Without lub.	DR951-130
11,91 (15/32)	2	71	12	118	Without lub.	DR951-131
12	2	71	12	118	Without lub.	DR951-132
12,3 (31/64)	2	77	14	124	Without lub.	DR951-133
12.5	2	77	14	124	Without lub.	DR951-134
12,7 (1/2)	2	77	14	124	Without lub.	DR951-135
13	2	77	14	124	Without lub.	DR951-136
13.5	2	77	14	124	Without lub.	DR951-137
14	2	77	14	124	Without lub.	DR951-138
14,29 (9/16)	2	83	16	133	Without lub.	DR951-139
14.5	2	83	16	133	Without lub.	DR951-140
15	2	83	16	133	Without lub.	DR951-141
15.5	2	83	16	133	Without lub.	DR951-142
15,87 (5/8)	2	83	16	133	Without lub.	DR951-143
16	2	83	16	133	Without lub.	DR951-144
16.5	2	93	18	143	Without lub.	DR951-145
17	2	93	18	143	Without lub.	DR951-146
17.5	2	93	18	143	Without lub.	DR951-147
18	2	93	18	143	Without lub.	DR951-148
18.5	2	101	20	153	Without lub.	DR951-149
19	2	101	20	153	Without lub.	DR951-150
19.5	2	101	20	153	Without lub.	DR951-151
20	2	101	20	153	Without lub.	DR951-152

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DR980

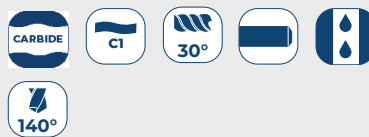
Coated drill 8xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with oil holes
- ⌘ Up to 8xD
- ⌘ For general use



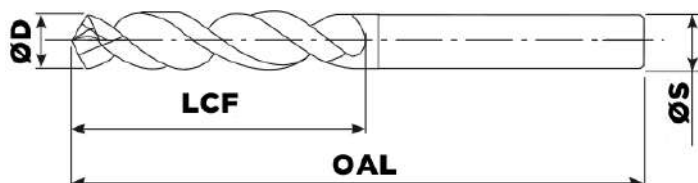
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
3	2	34	4	72	With lub.	DR980-001
3.1	2	43	4	81	With lub.	DR980-002
3,17 (1/8)	2	43	4	81	With lub.	DR980-003
3.2	2	43	4	81	With lub.	DR980-004
3.3	2	43	4	81	With lub.	DR980-005
3.4	2	43	4	81	With lub.	DR980-006
3.5	2	43	4	81	With lub.	DR980-007
3,57 (9/64)	2	43	4	81	With lub.	DR980-008
3.6	2	43	4	81	With lub.	DR980-009
3.7	2	43	4	81	With lub.	DR980-010
3.8	2	43	4	81	With lub.	DR980-011
3.9	2	43	4	81	With lub.	DR980-012
3,97 (5/32)	2	43	4	81	With lub.	DR980-013
4	2	43	4	81	With lub.	DR980-014
4.1	2	50	6	90	With lub.	DR980-015
4.2	2	50	6	90	With lub.	DR980-016
4.3	2	50	6	90	With lub.	DR980-017
4.37	2	50	6	90	With lub.	DR980-018
4.4	2	50	6	90	With lub.	DR980-019
4.5	2	50	6	90	With lub.	DR980-020
4.6	2	50	6	90	With lub.	DR980-021
4.7	2	50	6	90	With lub.	DR980-022
4,76 (3/16)	2	50	6	90	With lub.	DR980-023
4.8	2	50	6	90	With lub.	DR980-024
4.9	2	50	6	90	With lub.	DR980-025
5	2	50	6	90	With lub.	DR980-026
5.1	2	57	6	97	With lub.	DR980-027
5,16 (13/64)	2	57	6	97	With lub.	DR980-028
5.2	2	57	6	97	With lub.	DR980-029
5.3	2	57	6	97	With lub.	DR980-030
5.4	2	57	6	97	With lub.	DR980-031
5.5	2	57	6	97	With lub.	DR980-032
5,56 (7/32)	2	57	6	97	With lub.	DR980-033

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DR980

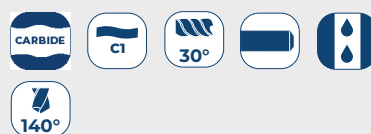
Coated drill 8xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with oil holes
- ⌘ Up to 8xD
- ⌘ For general use



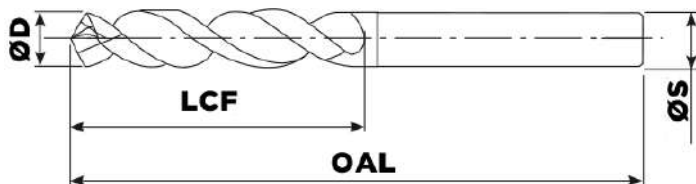
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
5.6	2	57	6	97	With lub.	DR980-034
5.7	2	57	6	97	With lub.	DR980-035
5.8	2	57	6	97	With lub.	DR980-036
5.9	2	57	6	97	With lub.	DR980-037
6	2	57	6	97	With lub.	DR980-038
6.1	2	66	8	106	With lub.	DR980-039
6.2	2	66	8	106	With lub.	DR980-040
6.3	2	66	8	106	With lub.	DR980-041
6,35 (1/4)	2	66	8	106	With lub.	DR980-042
6.4	2	66	8	106	With lub.	DR980-043
6.5	2	66	8	106	With lub.	DR980-044
6.6	2	66	8	106	With lub.	DR980-045
6.7	2	66	8	106	With lub.	DR980-046
6,75 17/64)	2	66	8	106	With lub.	DR980-047
6.8	2	66	8	106	With lub.	DR980-048
6.9	2	76	8	116	With lub.	DR980-049
7	2	76	8	116	With lub.	DR980-050
7.1	2	76	8	116	With lub.	DR980-051
7.2	2	76	8	116	With lub.	DR980-052
7.3	2	76	8	116	With lub.	DR980-053
7.4	2	76	8	116	With lub.	DR980-054
7.5	2	76	8	116	With lub.	DR980-055
7,54 (19/64)	2	76	8	116	With lub.	DR980-056
7.6	2	76	8	116	With lub.	DR980-057
7.7	2	76	8	116	With lub.	DR980-058
7.8	2	76	8	116	With lub.	DR980-059
7.9	2	76	8	116	With lub.	DR980-060
7,94 (5/16)	2	76	8	116	With lub.	DR980-061
8	2	76	8	116	With lub.	DR980-062
8.1	2	87	10	131	With lub.	DR980-063
8.2	2	87	10	131	With lub.	DR980-064
8.3	2	87	10	131	With lub.	DR980-065
8,33 (21/64)	2	87	10	131	With lub.	DR980-066

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DR980

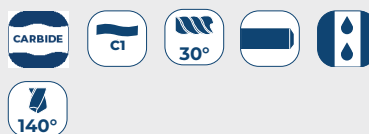
Coated drill 8xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with oil holes
- ⌘ Up to 8xD
- ⌘ For general use



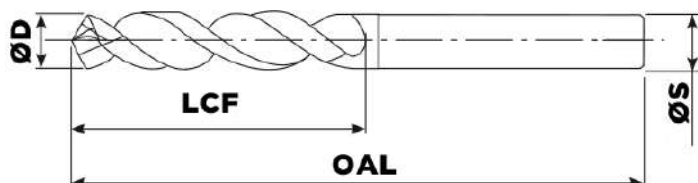
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
8.4	2	87	10	131	With lub.	DR980-067
8.5	2	87	10	131	With lub.	DR980-068
8.6	2	87	10	131	With lub.	DR980-069
8.7	2	87	10	131	With lub.	DR980-070
8,73 (11,32)	2	87	10	131	With lub.	DR980-071
8.8	2	87	10	131	With lub.	DR980-072
8.9	2	87	10	131	With lub.	DR980-073
9	2	87	10	131	With lub.	DR980-074
9.1	2	95	10	139	With lub.	DR980-075
9,13 (23/64)	2	95	10	139	With lub.	DR980-076
9.2	2	95	10	139	With lub.	DR980-077
9.3	2	95	10	139	With lub.	DR980-078
9.4	2	95	10	139	With lub.	DR980-079
9.5	2	95	10	139	With lub.	DR980-080
9,52 (3/8)	2	95	10	139	With lub.	DR980-081
9.6	2	95	10	139	With lub.	DR980-082
9.7	2	95	10	139	With lub.	DR980-083
9.8	2	95	10	139	With lub.	DR980-084
9.9	2	95	10	139	With lub.	DR980-085
9,92 (25/64)	2	95	10	139	With lub.	DR980-086
10	2	95	10	139	With lub.	DR980-087
10.1	2	106	12	155	With lub.	DR980-088
10.2	2	106	12	155	With lub.	DR980-089
10.3	2	106	12	155	With lub.	DR980-090
10,32 (13/32)	2	106	12	155	With lub.	DR980-091
10.4	2	106	12	155	With lub.	DR980-092
10.5	2	106	12	155	With lub.	DR980-093
10.6	2	106	12	155	With lub.	DR980-094
10.7	2	106	12	155	With lub.	DR980-095
10,72 (27/64)	2	106	12	155	With lub.	DR980-096
10.8	2	106	12	155	With lub.	DR980-097
10.9	2	106	12	155	With lub.	DR980-098
11	2	106	12	155	With lub.	DR980-099

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DR980

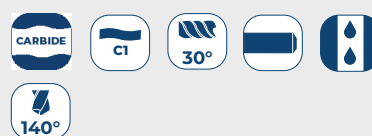
Coated drill 8xD

Solid carbide



Characteristics

- ⌘ Coated drill bit with oil holes
- ⌘ Up to 8xD
- ⌘ For general use



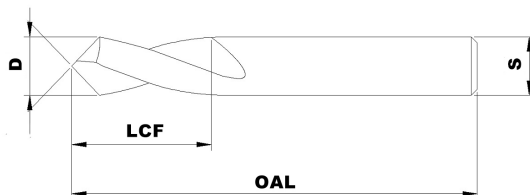
ØD (mm)	Z	LCF (mm)	S (mm)	OAL (mm)	Lub	Item
11.1	2	114	12	163	With lub.	DR980-100
11,11 (7/16)	2	114	12	163	With lub.	DR980-101
11.2	2	114	12	163	With lub.	DR980-102
11.3	2	114	12	163	With lub.	DR980-103
11.4	2	114	12	163	With lub.	DR980-104
11.5	2	114	12	163	With lub.	DR980-105
11,51 (29/64)	2	114	12	163	With lub.	DR980-106
11.6	2	114	12	163	With lub.	DR980-107
11.7	2	114	12	163	With lub.	DR980-108
11.8	2	114	12	163	With lub.	DR980-109
11.9	2	114	12	163	With lub.	DR980-110
11,91 (15/32)	2	114	12	163	With lub.	DR980-111
12	2	114	12	163	With lub.	DR980-112
12,3 (31/64)	2	133	14	182	With lub.	DR980-113
12.5	2	133	14	182	With lub.	DR980-114
12,7 (1/2)	2	133	14	182	With lub.	DR980-115
13	2	133	14	182	With lub.	DR980-116
13.5	2	133	14	182	With lub.	DR980-117
14	2	133	14	182	With lub.	DR980-118
14,29 (9/16)	2	152	16	204	With lub.	DR980-119
14.5	2	152	16	204	With lub.	DR980-120
15	2	152	16	204	With lub.	DR980-121
15.5	2	152	16	204	With lub.	DR980-122
15,87 (5/8)	2	152	16	204	With lub.	DR980-123
16	2	152	16	204	With lub.	DR980-124
16.5	2	171	18	223	With lub.	DR980-125
17	2	171	18	223	With lub.	DR980-126
17.5	2	171	18	223	With lub.	DR980-127
18	2	171	18	223	With lub.	DR980-128
18.5	2	190	20	244	With lub.	DR980-129
19	2	190	20	244	With lub.	DR980-130
19.5	2	190	20	244	With lub.	DR980-131
20	2	190	20	244	With lub.	DR980-132

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DR990 /
91 / 92

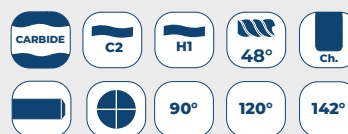
Center drill

Solid carbide



Characteristics

- ⌘ Centering and chamfering drill bit
- ⌘ Point angle of 90°, 120° or 142°
- ⌘ For general use



ØD (mm)	Z	α°	LCF (mm)	S (mm)	OAL (mm)	Item
3	2	90°	8	3	35	DR990-030
4	2	90°	10	4	40	DR990-040
6	2	90°	16	6	50	DR990-060
8	2	90°	23	8	60	DR990-080
10	2	90°	24	10	70	DR990-100
12	2	90°	25	12	70	DR990-120
16	2	90°	30	16	80	DR990-160
20	2	90°	35	20	100	DR990-200
3	2	120°	8	3	35	DR991-030
4	2	120°	10	4	40	DR991-040
6	2	120°	16	6	50	DR991-060
8	2	120°	23	8	60	DR991-080
10	2	120°	24	10	70	DR991-100
12	2	120°	25	12	70	DR991-120
16	2	120°	30	16	80	DR991-160
20	2	120°	35	20	100	DR991-200
3	2	142°	8	3	35	DR992-030
4	2	142°	10	4	40	DR992-040
6	2	142°	16	6	50	DR992-060
8	2	142°	23	8	60	DR992-080
10	2	142°	24	10	70	DR992-100
12	2	142°	25	12	70	DR992-120
16	2	142°	30	16	80	DR992-160
20	2	142°	35	20	100	DR992-200

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EX/FX

4 flutes chamfering end mill

Standard series - Solid carbide - 2 sizes - Finishing

p.207

G

Multi-flute chamfering end mill

Long series - Solid carbide - 2 sizes - Super finishing

p.208

WR

4 flutes radius end mill

Standard series - High-performance milling - Solid carbide

p.210

WV

4 flutes chamfering end mill

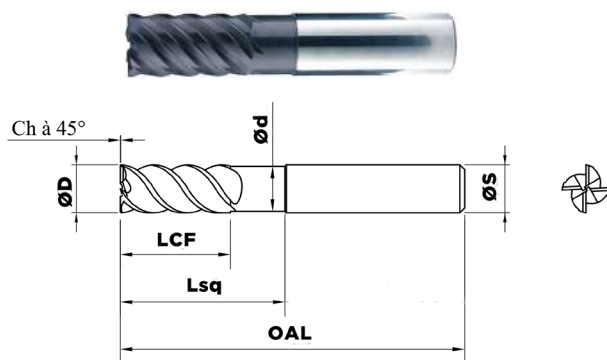
Standard series - High-performance milling - Solid carbide

p.214

EX / FX

Finishing end mill

Solid carbide



Characteristics

- ⌘ High-efficiency milling with clearance
- ⌘ Carbide milling cutter coated
- ⌘ 4 flutes chamfering end mill, irregular division, for finishing



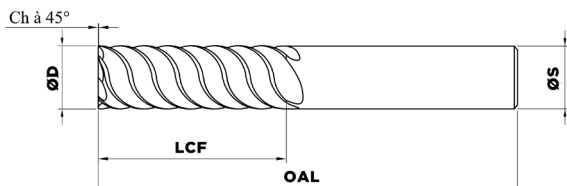
ØD (mm)	LCF (mm)	Lsq (mm)	OAL (mm)	S (mm)	Ch (mm)	Ød (mm)	Z	Coating	Item
6	13	19	57	6	0.10	5.7	4	HMMC2	EX917-060
8	19	25	63	8	0.15	7.6	4	HMMC2	EX917-080
10	22	30	72	10	0.15	9.5	4	HMMC2	EX917-100
12	26	36	83	12	0.15	11.4	4	HMMC2	EX917-120
14	26	36	83	14	0.25	13.3	4	HMMC2	EX917-140
16	32	42	92	16	0.25	15.2	6	HMMC2	EX917-160
20	38	52	104	20	0.25	19	6	HMMC2	EX917-200
6	13	19	57	6	0.15	5.7	4	HMMH1	FX919-060
8	19	25	63	8	0.15	7.6	4	HMMH1	FX919-080
10	22	30	72	10	0.15	9.5	4	HMMH1	FX919-100
12	26	36	83	12	0.25	11.4	4	HMMH1	FX919-120
14	26	36	83	14	0.25	13.3	4	HMMH1	FX919-140
16	32	42	92	16	0.25	15.2	6	HMMH1	FX919-160
20	38	52	104	20	0.25	19	6	HMMH1	FX919-200

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G987
/ G988

Super-finishing end mill

Solid carbide



Characteristics

- ⌘ High-speed milling for finishing
- ⌘ Carbide milling cutter coated
- ⌘ Multi-flute chamfering cutter
- ⌘ Long series



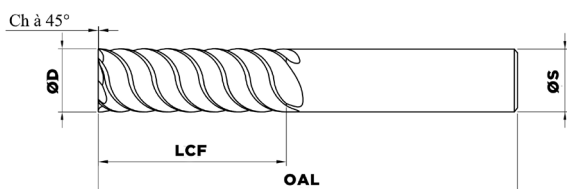
ØD (mm)	LCF (mm)	OAL (mm)	S (mm)	Ch (mm)	Z	Coating	Item
6	22	65	6	0.10	6	HMMC1	G987-060
8	28	80	8	0.15	6	HMMC1	G987-080
10	32	89	10	0.15	6	HMMC1	G987-100
12	40	100	12	0.15	6	HMMC1	G987-120
16	48	107	16	0.25	8	HMMC1	G987-160
20	56	125	20	0.25	10	HMMC1	G987-200
6	22	65	6	0.10	6	HMMD1	G988-060
8	28	80	8	0.15	6	HMMD1	G988-080
10	32	89	10	0.15	6	HMMD1	G988-100
12	40	100	12	0.15	6	HMMD1	G988-120
16	48	107	16	0.25	8	HMMD1	G988-160
20	56	125	20	0.25	10	HMMD1	G988-200

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G997
/ G998

Super-finishing end mill

Solid carbide



Characteristics

- ⌘ High-speed milling for finishing
- ⌘ Carbide milling cutter coated
- ⌘ Multi-flute chamfering cutter



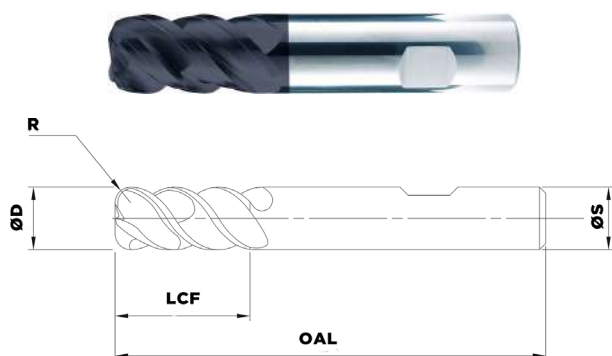
ØD (mm)	LCF (mm)	OAL (mm)	S (mm)	Ch (mm)	Z	Coating	Item
6	13	57	6	0.10	6	HMMC1	G997-060
8	19	63	8	0.15	6	HMMC1	G997-080
10	22	72	10	0.15	6	HMMC1	G997-100
12	22	76	12	0.15	6	HMMC1	G997-120
14	26	83	14	0.25	6	HMMC1	G997-140
16	32	89	16	0.25	8	HMMC1	G997-160
18	32	92	18	0.25	8	HMMC1	G997-180
20	38	101	20	0.25	10	HMMC1	G997-200
6	13	57	6	0.10	6	HMMD1	G998-060
8	19	63	8	0.15	6	HMMD1	G998-080
10	22	72	10	0.15	6	HMMD1	G998-100
12	22	76	12	0.15	6	HMMD1	G998-120
14	26	83	14	0.25	6	HMMD1	G998-140
16	32	89	16	0.25	8	HMMD1	G998-160
18	32	92	18	0.25	8	HMMD1	G998-180
20	38	101	20	0.25	10	HMMD1	G998-200

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
Contact us by sending your request via email to request@nexam.aero

WR907
/ 909

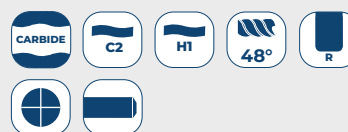
Double-flute end mill

Solid carbide



Characteristics

- ⌘ High-efficiency milling without clearance
- ⌘ Carbide milling cutter coated
- ⌘ 4 flutes radius end mill - irregular division
- ⌘ Double flute cutter



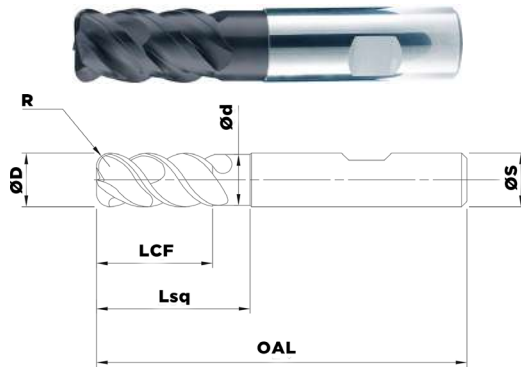
ØD (mm)	LCF (mm)	OAL (mm)	S (mm)	R (mm)	Z	Coating	Item
6	13	57	6	1	4	HMMC2	WR907-060
8	19	63	8	2	4	HMMC2	WR907-080
10	22	72	10	2	4	HMMC2	WR907-100
12	26	83	12	3	4	HMMC2	WR907-120
14	26	83	14	3	4	HMMC2	WR907-140
16	32	92	16	4	4	HMMC2	WR907-160
20	38	104	20	4	4	HMMC2	WR907-200
6	13	57	6	1	4	HMMH1	WR909-060
8	19	63	8	2	4	HMMH1	WR909-080
10	22	72	10	2	4	HMMH1	WR909-100
12	26	83	12	3	4	HMMH1	WR909-120
14	26	83	14	3	4	HMMH1	WR909-140
16	32	92	16	4	4	HMMH1	WR909-160
20	38	104	20	4	4	HMMH1	WR909-200

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

WR917
/ 919

Double-flute end mill

Solid carbide



Characteristics

- ⌘ High-efficiency milling without clearance
- ⌘ Carbide milling cutter coated
- ⌘ 4 flutes radius end mill - irregular division
- ⌘ Double flute cutter



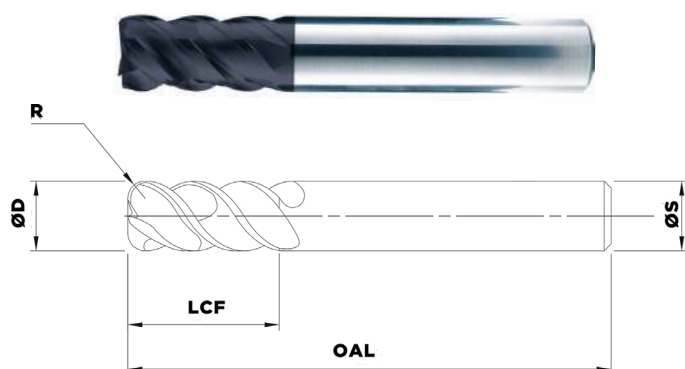
ØD (mm)	LCF (mm)	Lsq (mm)	OAL (mm)	S (mm)	R (mm)	Ød (mm)	Z	Coating	Item
6	13	19	57	6	1	5.7	4	HMMC2	WR917-060
8	19	25	63	8	2	7.6	4	HMMC2	WR917-080
10	22	30	72	10	2	9.5	4	HMMC2	WR917-100
10	22	30	72	10	4	9.5	4	HMMC2	WR917-104
12	26	36	83	12	2.5	11.4	4	HMMC2	WR917-122
12	26	36	83	12	3	11.4	4	HMMC2	WR917-123
12	26	36	83	12	4	11.4	4	HMMC2	WR917-124
14	26	36	83	14	3	13.3	4	HMMC2	WR917-140
16	32	42	92	16	0.5	15.2	4	HMMC2	WR917-160
16	32	42	92	16	1	15.2	4	HMMC2	WR917-161
16	32	42	92	16	2.5	15.2	4	HMMC2	WR917-162
16	32	42	92	16	4	15.2	4	HMMC2	WR917-164
20	38	52	104	20	0.5	19	4	HMMC2	WR917-200
20	38	52	104	20	2.5	19	4	HMMC2	WR917-202
20	38	52	104	20	4	19	4	HMMC2	WR917-204
20	38	52	104	20	6	19	4	HMMC2	WR917-206
6	13	19	57	6	1	5.7	4	HMMH1	WR919-060
8	19	25	63	8	2	7.6	4	HMMH1	WR919-080
10	22	30	72	10	2	9.5	4	HMMH1	WR919-100
10	22	30	72	10	4	9.5	4	HMMH1	WR919-104
12	26	36	83	12	2.5	11.4	4	HMMH1	WR919-122
12	26	36	83	12	3	11.4	4	HMMH1	WR919-123
12	26	36	83	12	4	11.4	4	HMMH1	WR919-124
14	26	36	83	14	3	13.3	4	HMMH1	WR919-140
16	32	42	92	16	0.5	15.2	4	HMMH1	WR919-160
16	32	42	92	16	1	15.2	4	HMMH1	WR919-161
16	32	42	92	16	2.5	15.2	4	HMMH1	WR919-162
16	32	42	92	16	4	15.2	4	HMMH1	WR919-164
20	38	52	104	20	0.5	19	4	HMMH1	WR919-200
20	38	52	104	20	2.5	19	4	HMMH1	WR919-202
20	38	52	104	20	4	19	4	HMMH1	WR919-204
20	38	52	104	20	6	19	4	HMMH1	WR919-206

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

WR927
/ 929

Double-flute end mill

Solid carbide



Characteristics

- ⌘ High-efficiency milling without clearance - long series
- ⌘ Carbide milling cutter coated
- ⌘ 4 flutes radius end mill - irregular division
- ⌘ Double flute cutter



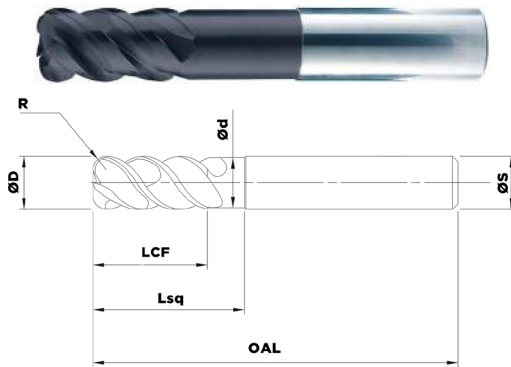
ØD (mm)	LCF (mm)	OAL (mm)	S (mm)	R (mm)	Z	Coating	Item
6	13	65	6	1	4	HMMC2	WR927-060
8	19	80	8	2	4	HMMC2	WR927-080
10	22	100	10	2	4	HMMC2	WR927-100
12	26	100	12	3	4	HMMC2	WR927-120
14	26	104	14	3	4	HMMC2	WR927-140
16	32	115	16	4	4	HMMC2	WR927-160
20	38	125	20	4	4	HMMC2	WR927-200
6	13	65	6	1	4	HMMH1	WR929-060
8	19	80	8	2	4	HMMH1	WR929-080
10	22	100	10	2	4	HMMH1	WR929-100
12	26	100	12	3	4	HMMH1	WR929-120
14	26	104	14	3	4	HMMH1	WR929-140
16	32	115	16	4	4	HMMH1	WR929-160
20	38	125	20	4	4	HMMH1	WR929-200

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

WR937
/ 939

Double-flute end mill

Solid carbide



Characteristics

- High-efficiency milling with clearance - long series
- Carbide milling cutter coated
- 4 flutes radius end mill - irregular division
- Double flute cutter



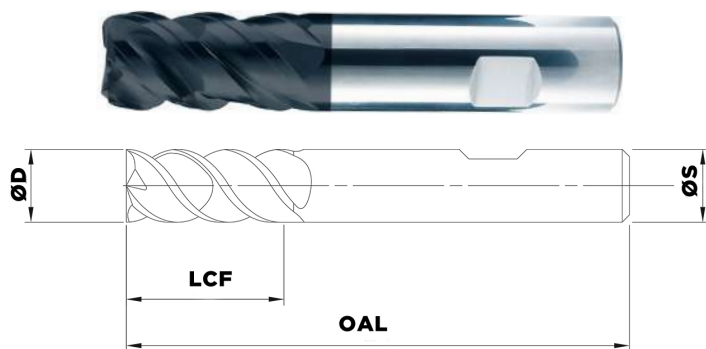
ØD (mm)	LCF (mm)	Lsq (mm)	OAL (mm)	S (mm)	R (mm)	Ød (mm)	Z	Coating	Item
6	13	27	65	6	1	5.7	4	HMMC2	WR937-060
8	19	42	80	8	2	7.6	4	HMMC2	WR937-080
10	22	58	100	10	2	9.5	4	HMMC2	WR937-100
10	22	58	100	10	4	9.5	4	HMMC2	WR937-104
12	26	53	100	12	3	11.4	4	HMMC2	WR937-120
14	26	57	104	14	3	13.3	4	HMMC2	WR937-140
16	32	65	115	16	4	15.2	4	HMMC2	WR937-160
20	38	73	125	20	4	19	4	HMMC2	WR937-200
6	13	27	65	6	1	5.7	4	HMMH1	WR939-060
8	19	42	80	8	2	7.6	4	HMMH1	WR939-080
10	22	58	100	10	2	9.5	4	HMMH1	WR939-100
10	22	58	100	10	4	9.5	4	HMMH1	WR939-104
12	26	53	100	12	3	11.4	4	HMMH1	WR939-120
14	26	57	104	14	3	13.3	4	HMMH1	WR939-140
16	32	65	115	16	4	15.2	4	HMMH1	WR939-160
20	38	73	125	20	4	19	4	HMMH1	WR939-200

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

WV907
/ 909

Double-flute end mill

Solid carbide



Characteristics

- ⌘ High-efficiency milling without clearance
- ⌘ Carbide milling cutter coated
- ⌘ 4 flutes chamfering end mill - irregular division
- ⌘ Double flute cutter



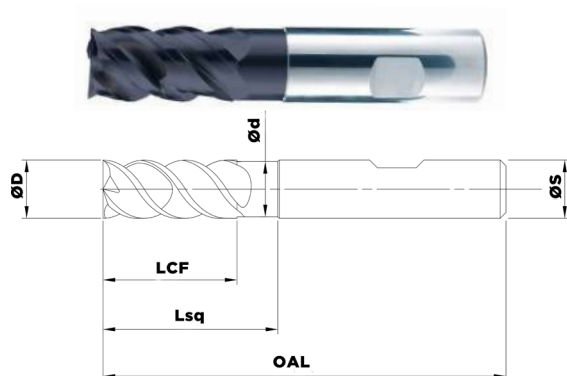
ØD (mm)	LCF (mm)	OAL (mm)	S (mm)	Z	Coating	Item
6	13	57	6	4	HMMC2	WV907-060
8	19	63	8	4	HMMC2	WV907-080
10	22	72	10	4	HMMC2	WV907-100
12	26	83	12	4	HMMC2	WV907-120
14	26	83	14	4	HMMC2	WV907-140
16	32	92	16	4	HMMC2	WV907-160
20	38	104	20	4	HMMC2	WV907-200
6	13	57	6	4	HMMH1	WV909-060
8	19	63	8	4	HMMH1	WV909-080
10	22	72	10	4	HMMH1	WV909-100
12	26	83	12	4	HMMH1	WV909-120
14	26	83	14	4	HMMH1	WV909-140
16	32	92	16	4	HMMH1	WV909-160
20	38	104	20	4	HMMH1	WV909-200

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

WV917
/ 919

Double-flute end mill

Solid carbide



Characteristics

- ⌘ High-efficiency milling with clearance
- ⌘ Carbide milling cutter coated
- ⌘ 4 flutes chamfering end mill - irregular division
- ⌘ Double flute cutter



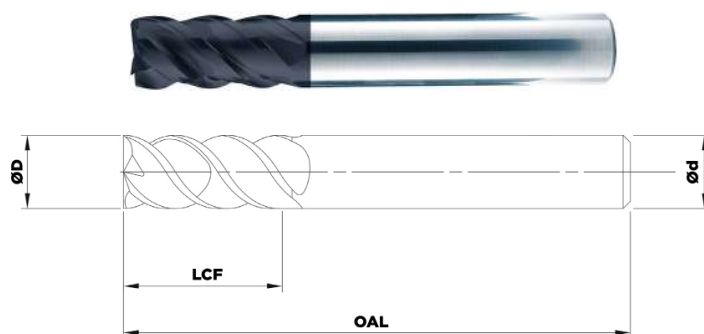
ØD (mm)	LCF (mm)	Lsq (mm)	OAL (mm)	S (mm)	Ød (mm)	Z	Coating	Item
6	13	19	57	6	5.7	4	HMMC2	WV917-060
8	19	25	63	8	7.6	4	HMMC2	WV917-080
10	22	30	72	10	9.5	4	HMMC2	WV917-100
12	26	36	83	12	11.4	4	HMMC2	WV917-120
14	26	36	83	14	13.3	4	HMMC2	WV917-140
16	32	42	92	16	15.2	4	HMMC2	WV917-160
20	38	52	104	20	19	4	HMMC2	WV917-200
6	13	19	57	6	5.7	4	HMMH1	WV919-060
8	19	25	63	8	7.6	4	HMMH1	WV919-080
10	22	30	72	10	9.5	4	HMMH1	WV919-100
12	26	36	83	12	11.4	4	HMMH1	WV919-120
14	26	36	83	14	13.3	4	HMMH1	WV919-140
16	32	42	92	16	15.2	4	HMMH1	WV919-160
20	38	52	104	20	19	4	HMMH1	WV919-200

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
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WV927
/ 929

Double-flute end mill

Solid carbide



Characteristics

- ⌘ High-efficiency milling without clearance - long series
- ⌘ Carbide milling cutter coated
- ⌘ 4 flutes chamfering end mill - irregular division
- ⌘ Double flute cutter



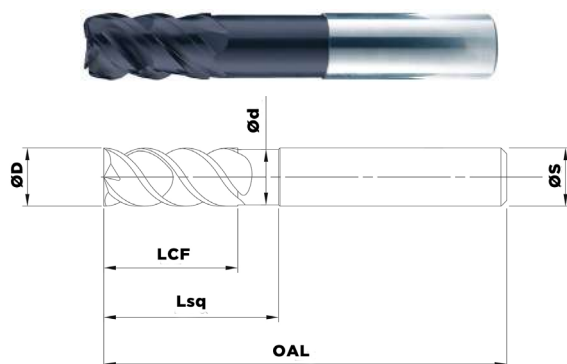
ØD (mm)	LCF (mm)	OAL (mm)	S (mm)	Z	Coating	Item
6	13	65	6	4	HMMC2	WV927-060
8	19	80	8	4	HMMC2	WV927-080
10	22	100	10	4	HMMC2	WV927-100
12	26	100	12	4	HMMC2	WV927-120
14	26	104	14	4	HMMC2	WV927-140
16	32	115	16	4	HMMC2	WV927-160
20	38	125	20	4	HMMC2	WV927-200
6	13	65	6	4	HMMH1	WV929-060
8	19	80	8	4	HMMH1	WV929-080
10	22	100	10	4	HMMH1	WV929-100
12	26	100	12	4	HMMH1	WV929-120
14	26	104	14	4	HMMH1	WV929-140
16	32	115	16	4	HMMH1	WV929-160
20	38	125	20	4	HMMH1	WV929-200

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
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WV937
/ 939

Double-flute end mill

Solid carbide



Characteristics

- High-efficiency milling with clearance - long series
- Carbide milling cutter coated
- 4 flutes chamfering end mill - irregular division
- Double flute cutter



ØD (mm)	LCF (mm)	OAL (mm)	S (mm)	Ød (mm)	Z	Coating	Item
6	13	65	6	5.7	4	HMMC2	WV937-060
8	19	80	8	7.6	4	HMMC2	WV937-080
10	22	100	10	9.5	4	HMMC2	WV937-100
12	26	100	12	11.4	4	HMMC2	WV937-120
14	26	104	14	13.3	4	HMMC2	WV937-140
16	32	115	16	15.2	4	HMMC2	WV937-160
20	38	125	20	19	4	HMMC2	WV937-200
6	13	65	6	5.7	4	HMMH1	WV939-060
8	19	80	8	7.6	4	HMMH1	WV939-080
10	22	100	10	9.5	4	HMMH1	WV939-100
12	26	100	12	11.4	4	HMMH1	WV939-120
14	26	104	14	13.3	4	HMMH1	WV939-140
16	32	115	16	15.2	4	HMMH1	WV939-160
20	38	125	20	19	4	HMMH1	WV939-200

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero



TOOLINGS

2XS Ultra-compact microstop
Parallel shank Ø3mm p.220

2XA Compact microstop cage, stroke 14mm
Parallel shank Ø6mm p.222

2XB Microstop cage
3 flats shank Ø 6mm p.226

2XC Ball type microstop cage
3 flats shank Ø10mm p.230

2XD Microstop cage, stroke 14mm
3 flats shank Ø10mm p.234

2XE Microstop cage, stroke 21mm
Shank Ø6mm with or without flats p.236

2XF Microstop cage, stroke 38mm
Shank Ø6mm with or without flats p.240

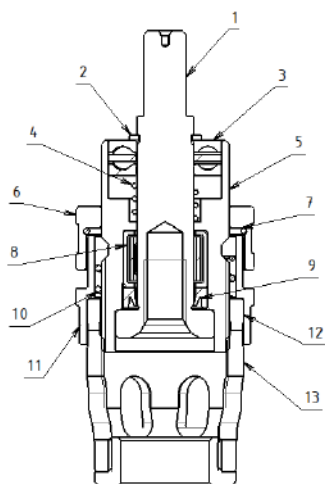
2XG Microstop, stroke 58mm
3 flats shank Ø10mm p.244

2XM Microstop cage with bore interface
For rivet hole brushes 2MA p.246

2XS

Ultra compact microstrop

Stroke 3mm



SPARE PART	Index	Quantité	Description
PART0433	1	1	Shaft M6x100
PART0439	2	1	Circlip
PART0436	3	1	Thrust ball bearing F8-16M
PART0440	4	1	Return spring
PART0434	5	1	Body
PART0435	6	1	Locking ring
PART0442	7	1	Anti-jamming spring
PART0437	8	1	Cage à aiguilles
PART0438	9	1	Lip seal
PART0441	10	1	Locking spring
PART0444	11	1	Graduated ring
PART0443	12	1	Castellated ring
PART0445	13	1	Wide base
PART0446	13	1	Safety base
PART0447	13	1	Half-moon base

- Special bases and pads on request



Base 1

Flat threaded seat -
Ø12.6 through bore -
Wide opening - Nylon
or steel tip



Base 2

Flat threaded seat -
Ø12.6 through bore -
"safety" slots - Nylon
or steel tip



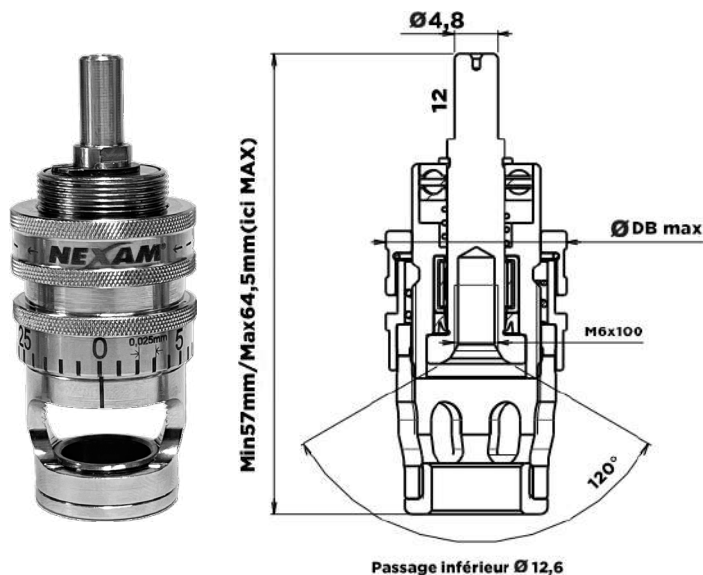
Base 3

Reduced flat seat -
Ø7 through bore -
Wide opening

2XS

Ultra compact microstrop

Stroke 3mm



Characteristics

- Allows precise adjustment of the machining depth
- For use with countersinks, countersink drills and counterbore cutters
- Nickel-plated steel and treated steel for moving parts for a longer service life
- Adjustment increment 0.025mm

M6x100

BASE 1

Thread

Shank (mm)

Shank (inch)

Stroke

ØDB (mm)

base n°

Øbase

Steel nose

Nylon nose

M6 x 100

4,8

.1890

6

25,5

1

22

2XS0A101

2XS0A001



BASE 2

Thread

Shank (mm)

Shank (inch)

Stroke

ØDB (mm)

base n°

Øbase

Steel nose

Nylon nose

M6 x 100

4,8

.1890

6

25,5

2

22

2XS0A102

2XS0A002



BASE 3

Thread

Shank. (mm)

Shank. (inch)

Stroke

ØDB (mm)

base n°

Øbase

Steel nose

M6 x 100

4,8

.1890

3

25,5

3

22

2XS0A103

2XS0A003

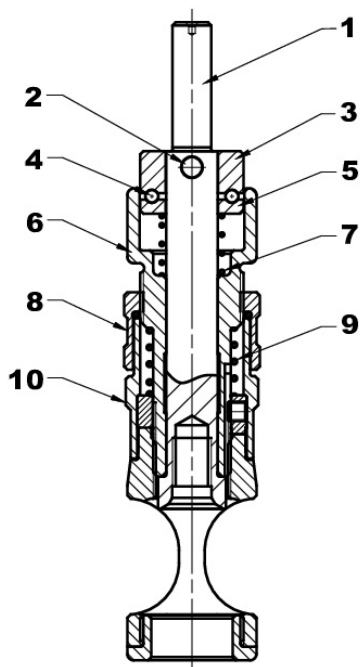


If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

2XA

Compact microstop cages

Stroke 6mm



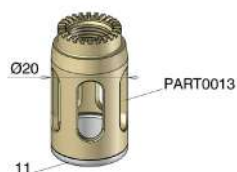
SPARE PART	Index	Qty	Description
PART0001	1	1	Spindle M6x100
PART0002	1	1	Spindle 1/4-28F
PART0003	2	1	Pin
PART0004	3	1	Ball bearing part 1
PART0005	4	19	Balls Ø2
PART0006	5	1	Ball bearing part 2
PART0007	6	1	Body
PART0008	7	1	Spring Ø0,7
PART0009	8	1	Lock nut
PART0010	9	1	Spring Ø0,9
PART0011	10	1	Knurled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

※ Special base and nose available on request



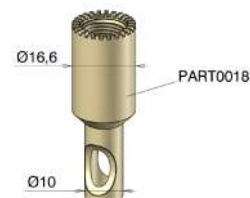
Base 1

Tapped base
Internal diameter Ø12.6
Large strobe
Nylon or steel nose piece



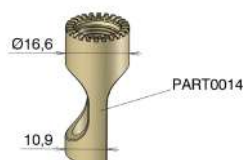
Base 2

Tapped base
Internal diameter Ø12.6
«Security» strobe
Nylon or steel nose piece



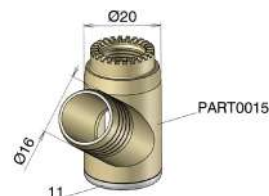
Base 3

Reduced base
Internal diameter Ø7
Large strobe



Base 4

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



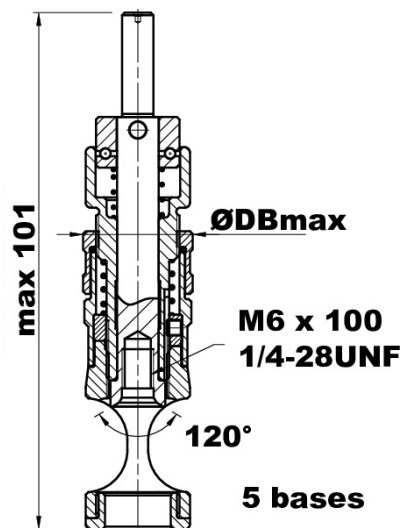
Base 5

Tapped base
Internal diameter Ø12.6
With vacuum Ø16x13
Nylon or steel nose piece

2XA

Compact microstop cages

Stroke 6mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.03mm

M6x100

1/4-28 UNF



BASE 1

Thread

Shank (mm)

Shank (inch)

Stroke

ØDB (mm)

Base n°

base Ø

Steel nose

Nylon nose

Tripod nylon nose

Quadripod nylon nose

M6 x 100
1/4-28 UNF

6
6

.2362
.2362

6
6

21
21

1
1

20
20

2XA0A101
2XA0A111

2XA0A001
2XA0A011

2XA0Y001
2XA0Y011

2XA0Z001
2XA0Z011


BASE 2

Thread

Shank (mm)

Shank (inch)

Stroke

ØDB (mm)

Base n°

base Ø

Steel nose

Nylon nose

Tripod nylon nose

Quadripod nylon nose

M6 x 100
1/4-28 UNF

6
6

.2362
.2362

6
6

21
21

2
2

20
20

2XA0A102
2XA0A112

2XA0A002
2XA0A012

2XA0Y002
2XA0Y012

2XA0Z002
2XA0Z012


BASE 3

Thread

Shank (mm)

Shank (inch)

Stroke

ØDB (mm)

Base n°

base Ø

Steel nose

M6 x 100
1/4-28 UNF

6
6

.2362
.2362

6
6

21
21

3
3

10
10

2XA0A103
2XA0A113

2XA0A003
2XA0A013

2XA0Y003
2XA0Y013

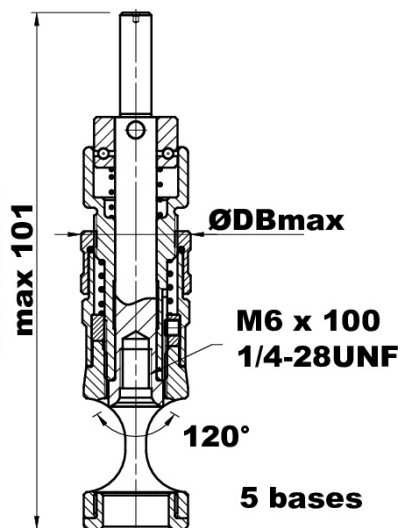
2XA0Z003
2XA0Z013

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2XA

Compact microstop cages

Stroke 6mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.03mm

M6x100

1/4-28
UNF


BASE 4

Thread

Shank (mm)

Shank (inch)

Stroke

ØDB (mm)

Base n°

base Ø

Steel nose

M6 x 100
1/4-28 UNF

6

.2362

6

21

4

16.6

2XA0A104

16.6 2XA0A114

BASE 5

Thread

Shank (mm)

Shank (inch)

Stroke

ØDB (mm)

Base n°

base Ø

Steel nose

Nylon nose

Tripod nylon nose

Quadripod nylon nose

M6 x 100
1/4-28 UNF

6

.2362

6

21

21

5

5

20

20

2XA0A105

2XA0A115

2XA0A005

2XA0A015

2XA0Y005

2XA0Y015

2XA0Z005

2XA0Z015



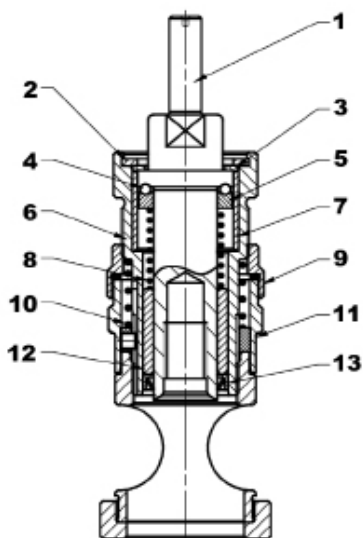
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2XB

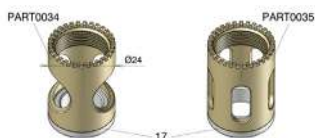
Microstop cages

Stroke 7.5mm



⌘ Special base and nose available on request

SPARE 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



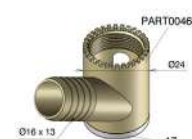
Base 3
M30 threaded base
Internal diameter Ø26
Large or «Security» strobe
Nylon or steel nose piece



Base 4
M20 tapped and M26 threaded base
Internal diameter Ø15 ou 20
«Security» strobe
Nylon or steel nose piece



Offset bas
Base with offset
Internal diameter Ø18
Offset 4mm
3 nylon feet, or offset steel nose



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



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



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

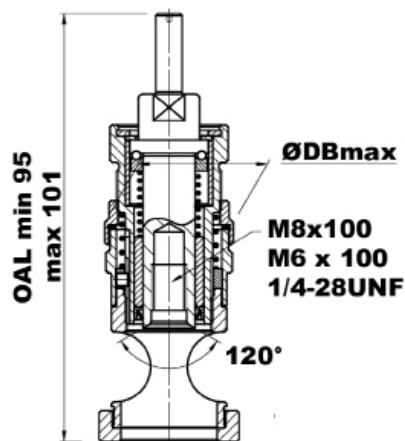


Possible noses
Flat, tripod or quadripod
In Nylon or steel

2XB

Microstop cages

Stroke 7.5mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

M6x100

M8x100

1/4-28 UNF



BASE 1	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon	Quadripod nylon nose
	M6 x 100	6	.2362	7.5	29.5	24	1 Security	2XB0A101	2XB0A001	2XB0Y001	2XB0Z001
	M6 x 100	6	.2362	7.5	29.5	24	1	2XB0A108	2XB0A008	2XB0Y008	2XB0Z008
	M8 x 100	6	.2362	7.5	29.5	24	1	2XB0A110	2XB0A010	2XB0Y010	2XB0Z010
	M8 x 100	6	.2362	7.5	29.5	24	1 Security	2XB0A111	2XB0A011	2XB0Y011	2XB0Z011
	1/4-28 UNF	6	.2362	7.5	29.5	24	1 Security	2XB0A121	2XB0A021	2XB0Y021	2XB0Z021
	1/4-28 UNF	6	.2362	7.5	29.5	24	1	2XB0A128	2XB0A028	2XB0Y028	2XB0Z028



BASE 2	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon	Quadripod nylon nose
	M6 x 100	6	.2362	7.5	29.5	32	2 Security	2XB0A102	2XB0A002	2XB0Y002	2XB0Z002
	M6 x 100	6	.2362	7.5	29.5	32	2	2XB0A109	2XB0A009	2XB0Y009	2XB0Z009
	M8 x 100	6	.2362	7.5	29.5	32	2 Security	2XB0A112	2XB0A012	2XB0Y012	2XB0Z012
	1/4-28 UNF	6	.2362	7.5	29.5	32	2 Security	2XB0A122	2XB0A022	2XB0Y022	2XB0Z022
	1/4-28 UNF	6	.2362	7.5	29.5	32	2	2XB0A129	2XB0A029	2XB0Y029	2XB0Z029
	M8 x 100	6	.2362	7.5	29.5	32	2	2XB0A119	2XB0A019	2XB0Y019	2XB0Z019



BASE 3	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon	Quadripod nylon nose
	M6 x 100	6	.2362	7.5	29.5	36	3	2XB0A103	2XB0A003	2XB0Y003	2XB0Z003
	M6 x 100	6	.2362	7.5	29.5	36	3 Security	2XB0A104	2XB0A004	2XB0Y004	2XB0Z004
	M8 x 100	6	.2362	7.5	29.5	36	3	2XB0A113	2XB0A013	2XB0Y013	2XB0Z013
	M8 x 100	6	.2362	7.5	29.5	36	3 Security	2XB0A114	2XB0A014	2XB0Y014	2XB0Z014
	1/4-28 UNF	6	.2362	7.5	29.5	36	3	2XB0A123	2XB0A023	2XB0Y023	2XB0Z023
	1/4-28 UNF	6	.2362	7.5	29.5	36	3 Security	2XB0A124	2XB0A024	2XB0Y024	2XB0Z024

COLOR RING COLOR



2XB # A # # #
 0 for standard lock nut,
 B for blue lock nut,
 N for black lock nut,
 R for red écrou

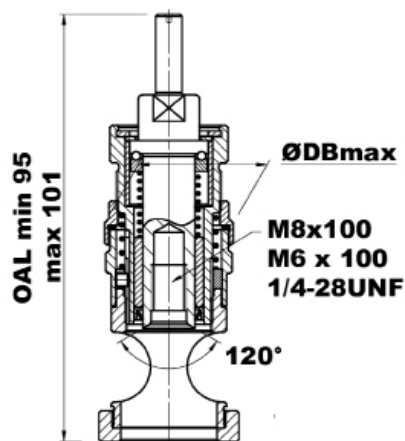


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2XB

Microstop cages

Stroke 7.5mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

M6x100

M8x100

1/4-28 UNF

BASE 4	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M6 x 100	6	.2362	7.5	29.5	26.4	4 inter.	2XB0A10B	2XB0A00B	2XB0Y00B	2XB0Z00B
	M6 x 100	6	.2362	7.5	29.5	32	4 exter.	2XB0A10C	2XB0A00C	2XB0Y00C	2XB0Z00C
	M8 x 100	6	.2362	7.5	29.5	26.4	4 inter.	2XB0A11B	2XB0A01B	2XB0Y01B	2XB0Z01B
	M8 x 100	6	.2362	7.5	29.5	32	4 exter.	2XB0A11C	2XB0A01C	2XB0Y01C	2XB0Z01C
	1/4-28 UNF	6	.2362	7.5	29.5	26.4	4 inter.	2XB0A12B	2XB0A02B	2XB0Y02B	2XB0Z02B
	1/4-28 UNF	6	.2362	7.5	29.5	32	4 exter.	2XB0A12C	2XB0A02C	2XB0Y02C	2XB0Z02C

Offset B SE	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose
	M6 x 100	6	.2362	7.5	29.5	27	Offset	2XB0A100	2XB0A000
	M8 x 100	6	.2362	7.5	29.5	27	Offset	2XB0A118	2XB0A018
	1/4-28 UNF	6	.2362	7.5	29.5	27	Offset	2XB0A120	2XB0A020

BASE 5	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M6 x 100	6	.2362	7.5	29.5	24	5	2XB0A105	2XB0A005	2XB0Y005	2XB0Z005
	M8 x 100	6	.2362	7.5	29.5	24	5	2XB0A115	2XB0A015	2XB0Y015	2XB0Z015
	1/4-28 UNF	6	.2362	7.5	29.5	24	5	2XB0A125	2XB0A025	2XB0Y025	2XB0Z025

2XB # A # #

O for standard lock nut,
B for blue lock nut,
N for black lock nut,
R for red écrou

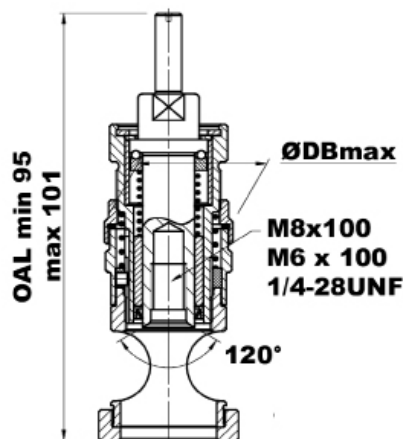


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2XB

Microstop cages

Stroke 7.5mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

M6x100

M8x100

1/4-28
UNF


BASE 6	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon	Quadripod nylon nose
	M6 x 100	6	.2362	7.5	29.5	32	6	2XB0A106	2XB0A006	2XB0Y006	2XB0Z006
	M8 x 100	6	.2362	7.5	29.5	32	6	2XB0A116	2XB0A016	2XB0Y016	2XB0Z016
	1/4-28 UNF	6	.2362	7.5	29.5	32	6	2XB0A126	2XB0A026	2XB0Y026	2XB0Z026



BASE 7	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon	Quadripod nylon nose
	M6 x 100	6	.2362	7.5	29.5	36	7	2XB0A107	2XB0A007	2XB0Y007	2XB0Z007
	M8 x 100	6	.2362	7.5	29.5	36	7	2XB0A117	2XB0A017	2XB0Y017	2XB0Z017
	1/4-28 UNF	6	.2362	7.5	29.5	36	7	2XB0A127	2XB0A027	2XB0Y027	2XB0Z027



2XB # A # # #
O for standard lock nut,
B for blue lock nut,
N for black lock nut,
R for red écrou

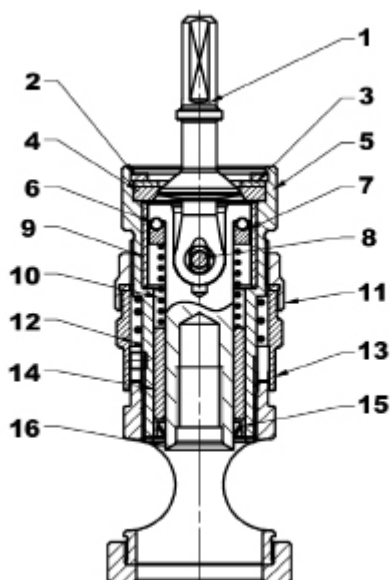


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2XC

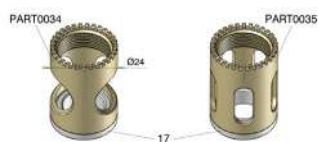
Ball type microstop cages

Stroke 8mm



⚙️ Special base and nose available on request

Spare part	Index	Qty	Description
PART0050	1	1	Ball joint
PART0023	2	1	Internal circlips
PART0051	3	1	Flat washer
PART0052	4	1	Clap
PART0053	5	1	Body
PART0005	6	22	Balls Ø2
PART0025	7	1	Ball bearing
PART0027	8	1	PAP bushing
PART0054	9	1	Pin
PART0028	10	1	Spring Ø14,2
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 M6x100
PART0056	16	1	Spindle M8x100
PART0057	16	1	Spindle 1/4 - 28 UNF
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



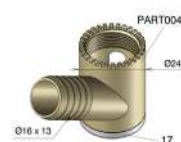
Base 3
M30 threaded base
Internal diameter Ø26
Large or «Security» strobe
Nylon or steel nose piece



Base 4
M20 tapped and M26 threaded base
Internal diameter Ø15 ou 20
«Security» strobe
Nylon or steel nose piece



Offset Bas
Base with offset
Internal diameter Ø18
Offset 4mm
3 nylon feet, or offset steel nose



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



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



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

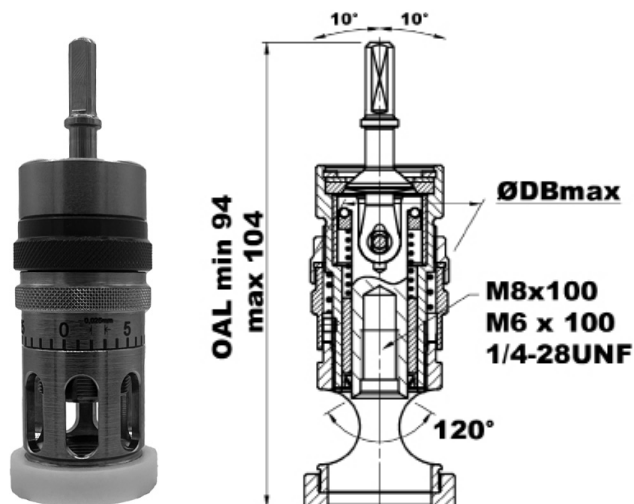


Possible noses
Flat, tripod or quadripod
In Nylon or steel

2XC

Ball type microstop cages

Stroke 8mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion
- ⌘ Ball joint allowing access to difficult areas and correcting concentricity defects

M6x100

M8x100

1/4-28 UNF

BASE 1	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M6 x 100	6	.2362	8	29.5	24	1 Security	2XCOA101	2XCOA001	2XCOY001	2XCOZ001
	M6 x 100	6	.2362	8	29.5	24	1	2XCOA108	2XCOA008	2XCOY008	2XCOZ008
	M8 x 100	6	.2362	8	29.5	24	1	2XCOA110	2XCOA010	2XCOY010	2XCOZ010
	M8 x 100	6	.2362	8	29.5	24	1 Security	2XCOA111	2XCOA011	2XCOY011	2XCOZ011
	1/4-28 UNF	6	.2362	8	29.5	24	1 Security	2XCOA121	2XCOA021	2XCOY021	2XCOZ021
	1/4-28 UNF	6	.2362	8	29.5	24	1	2XCOA128	2XCOA028	2XCOY028	2XCOZ028

BASE 2	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M6 x 100	6	.2362	8	29.5	32	2 Security	2XCOA102	2XCOA002	2XCOY002	2XCOZ002
	M6 x 100	6	.2362	8	29.5	32	2	2XCOA109	2XCOA009	2XCOY009	2XCOZ009
	M8 x 100	6	.2362	8	29.5	32	2 Security	2XCOA112	2XCOA012	2XCOY012	2XCOZ012
	M8 x 100	6	.2362	8	29.5	32	2	2XCOA119	2XCOA019	2XCOY019	2XCOZ019
	1/4-28 UNF	6	.2362	8	29.5	32	2 Security	2XCOA122	2XCOA022	2XCOY022	2XCOZ022
	1/4-28 UNF	6	.2362	8	29.5	32	2	2XCOA129	2XCOA029	2XCOY029	2XCOZ029

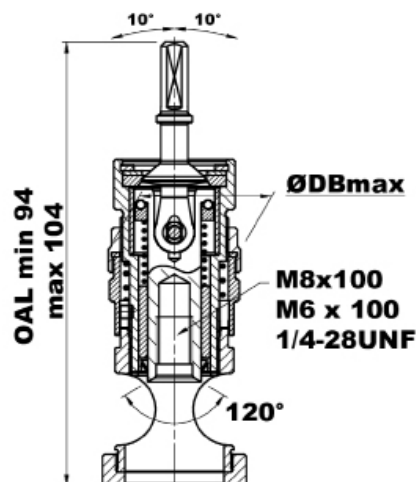
BASE 3	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M6 x 100	6	.2362	8	29.5	36	3	2XCOA103	2XCOA003	2XCOY003	2XCOZ003
	M6 x 100	6	.2362	8	29.5	36	3 Security	2XCOA104	2XCOA004	2XCOY004	2XCOZ004
	M8 x 100	6	.2362	8	29.5	36	3	2XCOA113	2XCOA013	2XCOY013	2XCOZ013
	M8 x 100	6	.2362	8	29.5	36	3 Security	2XCOA114	2XCOA014	2XCOY014	2XCOZ014
	1/4-28 UNF	6	.2362	8	29.5	36	3	2XCOA123	2XCOA023	2XCOY023	2XCOZ023
	1/4-28 UNF	6	.2362	8	29.5	36	3 Security	2XCOA124	2XCOA024	2XCOY024	2XCOZ024

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2XC

Ball type microstop cages

Stroke 8mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion
- ⌘ Ball joint allowing access to difficult areas and correcting concentricity defects

M6x100

M8x100

1/4-28
UNF

BASE 4	Thread	Shank. (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M6 x 100	6	.2362	8	29.5	26.4	4 inter.	2XCOA10B	2XCOA00B	2XCOY00B	2XCOZ00B
	M6 x 100	6	.2362	8	29.5	32	4 exter.	2XCOA10C	2XCOA00C	2XCOY00C	2XCOZ00C
	M8 x 100	6	.2362	8	29.5	26.4	4 inter.	2XCOA11B	2XCOA01B	2XCOY01B	2XCOZ01B
	M8 x 100	6	.2362	8	29.5	32	4 exter.	2XCOA11C	2XCOA01C	2XCOY01C	2XCOZ01C
	1/4-28 UNF	6	.2362	8	29.5	26.4	4 inter.	2XCOA12B	2XCOA02B	2XCOY02B	2XCOZ02B
	1/4-28 UNF	6	.2362	8	29.5	32	4 exter.	2XCOA12C	2XCOA02C	2XCOY02C	2XCOZ02C

BASE Offse	Thread	Shank. (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose
	M6 x 100	6	.2362	8	29.5	27	Offse	2XCOA100	2XCOA000
	M8 x 100	6	.2362	8	29.5	27	Offse	2XCOA118	2XCOA018
	1/4-28 UNF	6	.2362	8	29.5	27	Offse	2XCOA120	2XCOA020

BASE 5	Thread	Shank. (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M6 x 100	6	.2362	8	29.5	24	5	2XCOA105	2XCOA005	2XCOY005	2XCOZ005
	M8 x 100	6	.2362	8	29.5	24	5	2XCOA115	2XCOA015	2XCOY015	2XCOZ015
	1/4-28 UNF	6	.2362	8	29.5	24	5	2XCOA125	2XCOA025	2XCOY025	2XCOZ025

2XB # A # # #

O for standard lock nut,
B for blue lock nut,
N for black lock nut,
R for red écrou

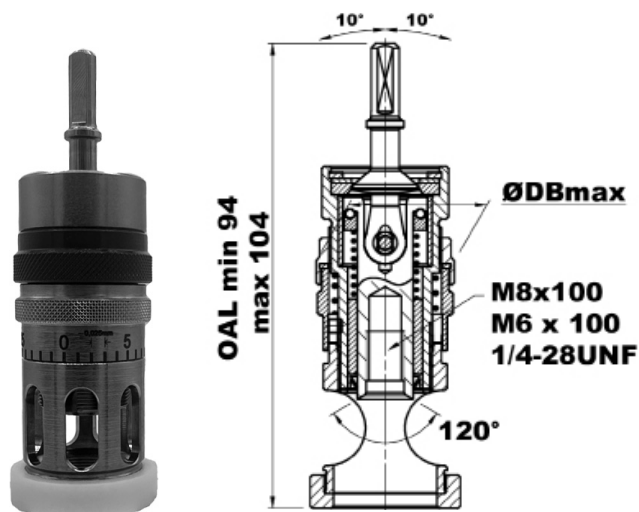


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Contact us by sending your request via email to request@nexam.aero

2XC

Ball type microstop cages

Stroke 8mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion
- ⌘ Ball joint allowing access to difficult areas and correcting concentricity defects

M6x100

M8x100

1/4-28 UNF

BASE 6



Thread	Shank. (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
M6 x 100	6	.2362	8	29.5	32	6	2XCOA106	2XCOA006	2XCOY006	2XCOZ006
M8 x 100	6	.2362	8	29.5	32	6	2XCOA116	2XCOA016	2XCOY016	2XCOZ016
1/4-28 UNF	6	.2362	8	29.5	32	6	2XCOA126	2XCOA026	2XCOY026	2XCOZ026

BASE 7



Thread	Shank. (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
M6 x 100	6	.2362	8	29.5	36	7	2XCOA107	2XCOA007	2XCOY007	2XCOZ007
M8 x 100	6	.2362	8	29.5	36	7	2XCOA117	2XCOA017	2XCOY017	2XCOZ017
1/4-28 UNF	6	.2362	8	29.5	36	7	2XCOA127	2XCOA027	2XCOY027	2XCOZ027



2XB # A ###
O for standard lock nut,
B for blue lock nut,
N for black lock nut,
R for red écrou

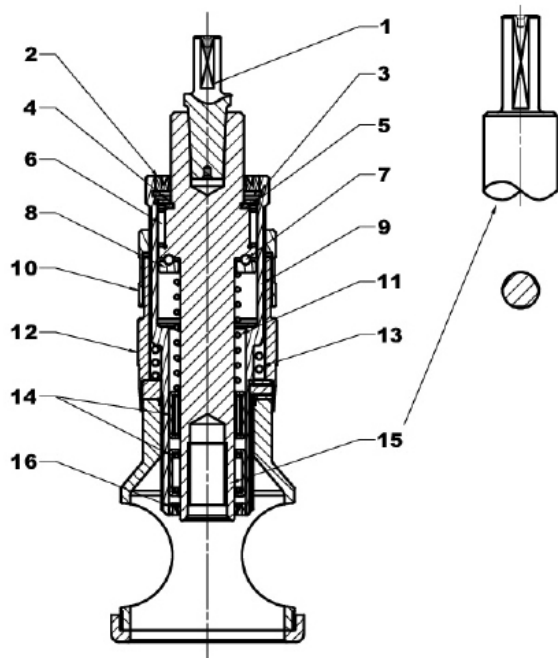


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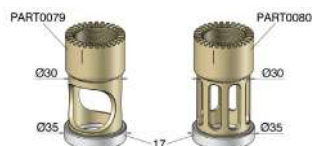
2XD

Microstop cages

Stroke 14mm



SPARE PART	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
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 Ø22,5
PART0073	14	2	Needle bushing
PART0074	15	1	Spindle M10 - Jacobs taper
PART0075	15	1	Spindle M10 - 3 fl t at 120°
PART0076	16	1	Sealling 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
Ø25 internal diameter
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



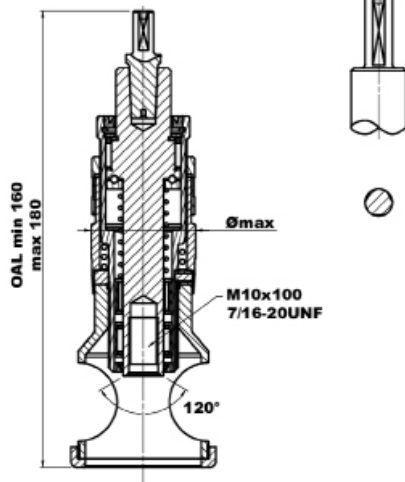
Possible nose

Flat, tripod or qua-
dripod
In nylon or steel

2XD

Microstop cages

Stroke 14mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

M10x100

7/16-20
UNF

BASE 1	Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M10 x 100	3 Flats At 120°	10	.3937	14	36	35	1	2XD0A501	2XD0A001	2XD0Y001	2XD0Z001
	M10 x 100	3 Flats At 120°	10	.3937	14	36	35	1 Security	2XD0A503	2XD0A003	2XD0Y003	2XD0Z003
	3/8-24 UNF	3 Flats At 120°	10	.3937	14	36	35	1	2XD0A511	2XD0A011	2XD0Y011	2XD0Z011
	3/8-24 UNF	3 Flats At 120°	10	.3937	14	36	35	1 Security	2XD0A513	2XD0A013	2XD0Y013	2XD0Z013
	M10 x 100	Jacobs	10	.3937	14	36	35	1	2XD0A601	2XD0A101	2XD0Y101	2XD0Z101
	M10 x 100	Jacobs	10	.3937	14	36	35	1 Security	2XD0A603	2XD0A103	2XD0Y103	2XD0Z103
	3/8-24 UNF	Jacobs	10	.3937	14	36	35	1	2XD0A611	2XD0A111	2XD0Y111	2XD0Z111
	3/8-24 UNF	Jacobs	10	.3937	14	36	35	1 Security	2XD0A613	2XD0A113	2XD0Y113	2XD0Z113

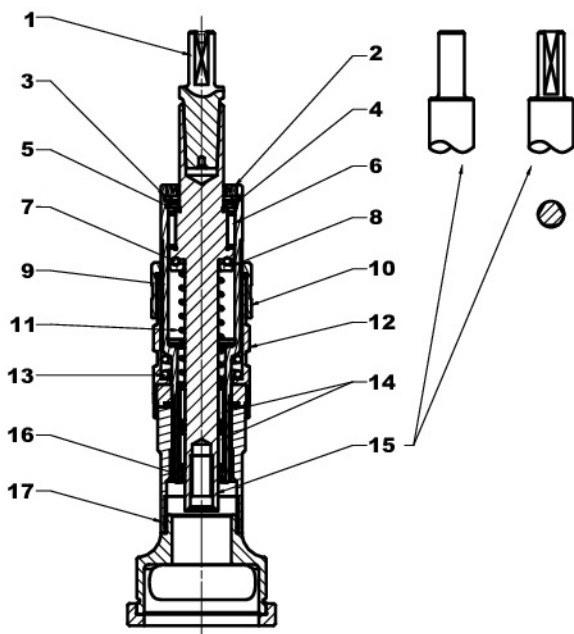
BASE 2	Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M10 x 100	3 Flats At 120°	10	.3937	14	36	50	2	2XD0A502	2XD0A002	2XD0Y002	2XD0Z002
	M10 x 100	3 Flats At 120°	10	.3937	14	36	50	2 Security	2XD0A504	2XD0A004	2XD0Y004	2XD0Z004
	3/8-24 UNF	3 Flats At 120°	10	.3937	14	36	50	2	2XD0A512	2XD0A012	2XD0Y012	2XD0Z012
	3/8-24 UNF	3 Flats At 120°	10	.3937	14	36	50	2 Security	2XD0A514	2XD0A014	2XD0Y014	2XD0Z014
	M10 x 100	Jacobs	10	.3937	14	36	50	2	2XD0A602	2XD0A102	2XD0Y102	2XD0Z102
	M10 x 100	Jacobs	10	.3937	14	36	50	2 Security	2XD0A604	2XD0A104	2XD0Y104	2XD0Z104
	3/8-24 UNF	Jacobs	10	.3937	14	36	50	2	2XD0A612	2XD0A112	2XD0Y112	2XD0Z112
	3/8-24 UNF	Jacobs	10	.3937	14	36	50	2 Security	2XD0A614	2XD0A114	2XD0Y114	2XD0Z114

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2XE

Microstop cages

Stroke 21mm



SPARE PART	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
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 fl ts 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 fl ts at 120°
PART0108	16	1	Sealing ring Ø13
PART0109	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



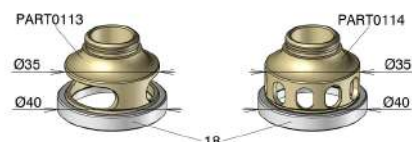
Base 1

Base Ø14,5
Internal diameter Ø12,5



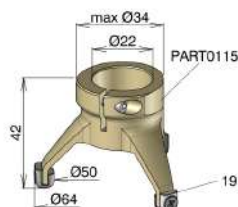
Embase 2

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 Ø64
Internal diameter Ø50



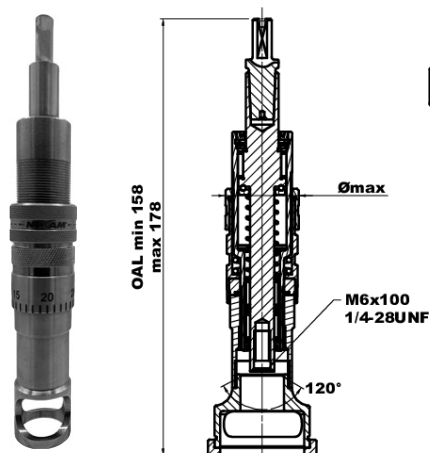
Possible noses

Flat, tripod or quadripod
In nylon or steel

2XE

Microstop cages

Stroke 21mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

M6x100

1/4-28 UNF

BASE 1	Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose
	M6 x 100	3 Flats At 120°	7	.2756	21	27	14.5	1	2XE0A501
	1/4-28 UNF	3 Flats At 120°	7	.2756	21	27	14.5	1	2XE0A511
	M6 x 100	Jacobs	7	.2756	21	27	14.5	1	2XE0A601
	1/4-28 UNF	Jacobs	7	.2756	21	27	14.5	1	2XE0A611
	M6 x 100	Cylindric	7	.2756	21	27	14.5	1	2XE0A701
	1/4-28 UNF	Cylindric	7	.2756	21	27	14.5	1	2XE0A711

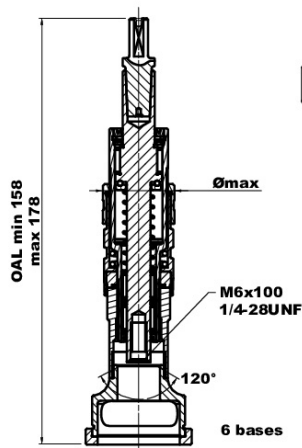
BASE 2	Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose
	M6 x 100	3 Flats At 120°	7	.2756	21	27	24	2	2XE0A502
	M6 x 100	3 Flats At 120°	7	.2756	21	27	24	2 Security	2XE0A504
	1/4-28 UNF	3 Flats At 120°	7	.2756	21	27	24	2	2XE0A512
	1/4-28 UNF	3 Flats At 120°	7	.2756	21	27	24	2 Security	2XE0A514
	M6 x 100	Jacobs	7	.2756	21	27	24	2	2XE0A602
	M6 x 100	Jacobs	7	.2756	21	27	24	2 Security	2XE0A604
	1/4-28 UNF	Jacobs	7	.2756	21	27	24	2	2XE0A612
	1/4-28 UNF	Jacobs	7	.2756	21	27	24	2 Security	2XE0A614
	M6 x 100	Cylindric	7	.2756	21	27	24	2	2XE0A702
	M6 x 100	Cylindric	7	.2756	21	27	24	2 Security	2XE0A704
	1/4-28 UNF	Cylindric	7	.2756	21	27	24	2	2XE0A712
	1/4-28 UNF	Cylindric	7	.2756	21	27	24	2 Security	2XE0A714

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2XE

Microstop cages

Stroke 21mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

M6x100

1/4-28 UNF

BASE 3	Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M6 x 100	3 Flats At 120°	7	.2756	21	27	40	3	2XE0A503	2XE0A003	2XE0Y003	2XE0Z003
	M6 x 100	3 Flats At 120°	7	.2756	21	27	40	3 Security	2XE0A505	2XE0A005	2XE0Y005	2XE0Z005
	1/4-28 UNF	3 Flats At 120°	7	.2756	21	27	40	3	2XE0A513	2XE0A013	2XE0Y013	2XE0Z013
	1/4-28 UNF	3 Flats At 120°	7	.2756	21	27	40	3 Security	2XE0A515	2XE0A015	2XE0Y015	2XE0Z015
	M6 x 100	Jacobs	7	.2756	21	27	40	3	2XE0A603	2XE0A103	2XE0Y103	2XE0Z103
	1/4-28 UNF	Cylindric	7	.2756	21	27	40	3 Security	2XE0A715	2XE0A215	2XE0Y215	2XE0Z215
	M6 x 100	Jacobs	7	.2756	21	27	40	3 Security	2XE0A605	2XE0A105	2XE0Y105	2XE0Z105
	1/4-28 UNF	Jacobs	7	.2756	21	27	40	3	2XE0A613	2XE0A113	2XE0Y113	2XE0Z113
	1/4-28 UNF	Jacobs	7	.2756	21	27	40	3 Security	2XE0A615	2XE0A115	2XE0Y115	2XE0Z115
	M6 x 100	Cylindric	7	.2756	21	27	40	3	2XE0A703	2XE0A203	2XE0Y203	2XE0Z203
	M6 x 100	Cylindric	7	.2756	21	27	40	3 Security	2XE0A705	2XE0A205	2XE0Y205	2XE0Z205
	1/4-28 UNF	Cylindric	7	.2756	21	27	40	3	2XE0A713	2XE0A213	2XE0Y213	2XE0Z213



BASE Tripod	Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	Ø base	Base n°	Steel nose	Nylon nose
	M6 x 100	3 Flats At 120°	7	.2756	21	27	64	Tripod	2XE0A506	2XE0A006
	1/4-28 UNF	3 Flats At 120°	7	.2756	21	27	64	Tripod	2XE0A516	2XE0A016
	M6 x 100	Jacobs	7	.2756	21	27	64	Tripod	2XE0A606	2XE0A106
	1/4-28 UNF	Jacobs	7	.2756	21	27	64	Tripod	2XE0A616	2XE0A116
	M6 x 100	Cylindric	7	.2756	21	27	64	Tripod	2XE0A706	2XE0A206
	1/4-28 UNF	Cylindric	7	.2756	21	27	64	Tripod	2XE0A716	2XE0A216

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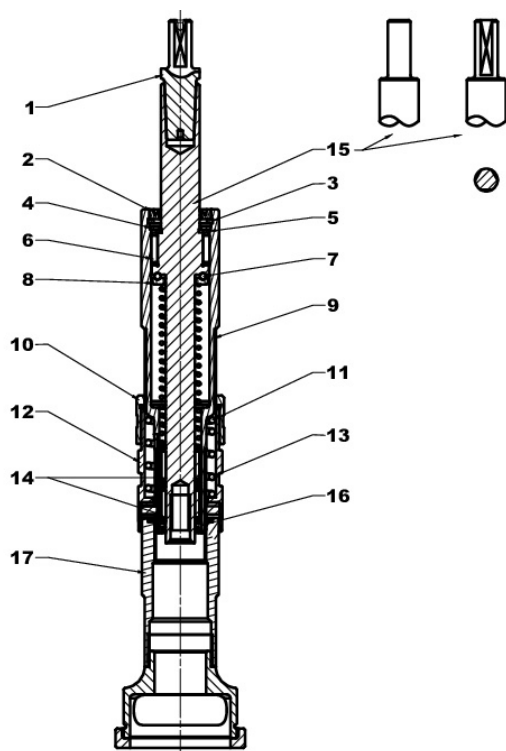
Our microstrop cages kit



2XF

Microstop cages

Stroke 38mm



PARE PART	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
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 fl ts 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 fl ts at 120°
PART0108	16	1	Sealling ring Ø13
PART0109	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



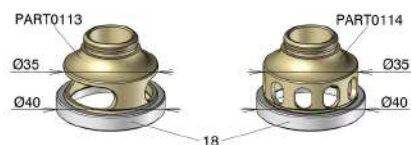
Base 1

Base Ø14,5
Internal diameter Ø12,5



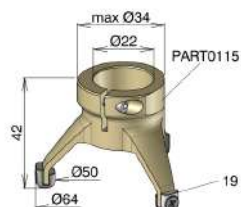
Embase 2

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 Ø64
Internal diameter Ø50



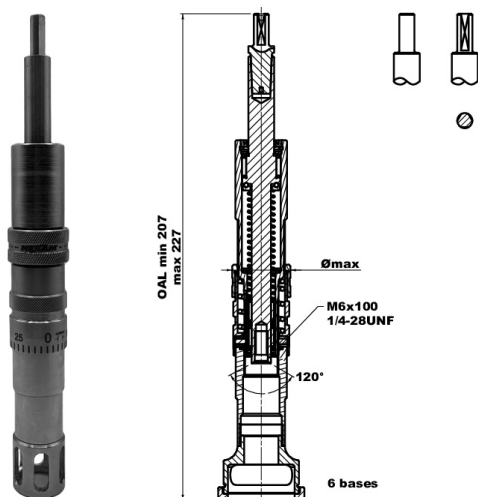
Possible noses

Flat, tripod or quadripod
In nylon or steel

2XF

Microstop cages

Stroke 38mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

M6x100

1/4-28 UNF

BASE 1	Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose
	M6 x 100	3 Flats At 120°	7	.2756	38	27	14.5	1	2XFOA501
	1/4-28 UNF	3 Flats At 120°	7	.2756	38	27	14.5	1	2XFOA511
	M6 x 100	Jacobs	7	.2756	38	27	14.5	1	2XFOA601
	1/4-28 UNF	Jacobs	7	.2756	38	27	14.5	1	2XFOA611
	M6 x 100	Cylindric	7	.2756	38	27	14.5	1	2XFOA701
	1/4-28 UNF	Cylindric	7	.2756	38	27	14.5	1	2XFOA711
INTERNAL COOLANT									
	M6 x 100	Jacobs	7	.2756	38	27	14.5	1	2XFOA801
	1/4-28 UNF	Jacobs	7	.2756	38	27	14.5	1	2XFOA811

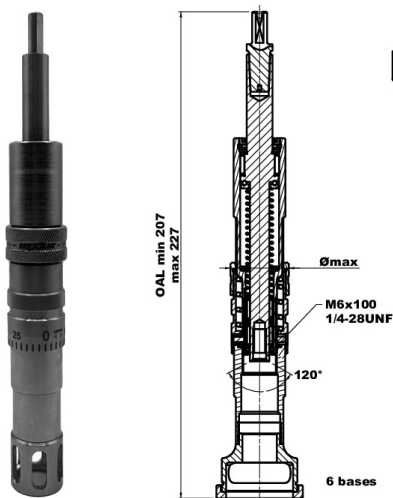
BASE 2	Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose
 	M6 x 100	3 Flats At 120°	7	.2756	38	27	24	2	2XFOA502
	M6 x 100	3 Flats At 120°	7	.2756	38	27	24	2 Security	2XFOA504
	1/4-28 UNF	3 Flats At 120°	7	.2756	38	27	24	2	2XFOA512
	1/4-28 UNF	3 Flats At 120°	7	.2756	38	27	24	2 Security	2XFOA514
	M6 x 100	Jacobs	7	.2756	38	27	24	2	2XFOA602
	M6 x 100	Jacobs	7	.2756	38	27	24	2 Security	2XFOA604
	1/4-28 UNF	Jacobs	7	.2756	38	27	24	2	2XFOA612
	1/4-28 UNF	Jacobs	7	.2756	38	27	24	2 Security	2XFOA614
	M6 x 100	Cylindric	7	.2756	38	27	24	2	2XFOA702
	M6 x 100	Cylindric	7	.2756	38	27	24	2 Security	2XFOA704
	1/4-28 UNF	Cylindric	7	.2756	38	27	24	2	2XFOA712
	1/4-28 UNF	Cylindric	7	.2756	38	27	24	2 Security	2XFOA714
INTERNAL COOLANT									
	M6 x 100	Jacobs	7	.2756	38	27	24	2	2XFOA802
	M6 x 100	Jacobs	7	.2756	38	27	24	2 Security	2XFOA804
	1/4-28 UNF	Jacobs	7	.2756	38	27	24	2	2XFOA812
	1/4-28 UNF	Jacobs	7	.2756	38	27	24	2 Security	2XFOA814

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2XF

Microstop cages

Stroke 38mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

M6x100

1/4-28 UNF

BASE 3	Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M6 x 100	3 Flats At 120°	7	.2756	38	27	40	3	2XFOA503	2XFOA003	2XFOY003	2XFOZ003
	M6 x 100	3 Flats At 120°	7	.2756	38	27	40	3 Security	2XFOA505	2XFOA005	2XFOY005	2XFOZ005
	M6 x 100	Jacobs	7	.2756	38	27	40	3	2XFOA603	2XFOA103	2XFOY103	2XFOZ103
	M6 x 100	Jacobs	7	.2756	38	27	40	3 Security	2XFOA605	2XFOA105	2XFOY105	2XFOZ105
	M6 x 100	Cylindric	7	.2756	38	27	40	3	2XFOA703	2XFOA203	2XFOY203	2XFOZ203
	M6 x 100	Cylindric	7	.2756	38	27	40	3 Security	2XFOA705	2XFOA205	2XFOY205	2XFOZ205
INTERNAL COOLANT												
	M6 x 100	Jacobs	7	.2756	38	27	40	3	2XFOA803	2XFOA303	2XFOY303	2XFOZ303
	M6 x 100	Jacobs	7	.2756	38	27	40	3 Security	2XFOA805	2XFOA305	2XFOY305	2XFOZ305

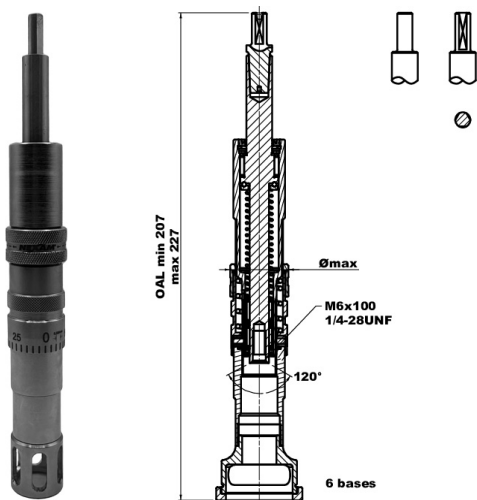
BASE 3	Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	1/4-28 UNF	3 Flats At 120°	7	.2756	38	27	40	3	2XFOA513	2XFOA013	2XFOY013	2XFOZ013
	1/4-28 UNF	3 Flats At 120°	7	.2756	38	27	40	3 Security	2XFOA515	2XFOA015	2XFOY015	2XFOZ015
	1/4-28 UNF	Jacobs	7	.2756	38	27	40	3	2XFOA613	2XFOA113	2XFOY113	2XFOZ113
	1/4-28 UNF	Jacobs	7	.2756	38	27	40	3 Security	2XFOA615	2XFOA115	2XFOY115	2XFOZ115
	1/4-28 UNF	Cylindric	7	.2756	38	27	40	3	2XFOA713	2XFOA213	2XFOY213	2XFOZ213
	1/4-28 UNF	Cylindric	7	.2756	38	27	40	3 Security	2XFOA715	2XFOA215	2XFOY215	2XFOZ215
INTERNAL COOLANT												
	1/4-28 UNF	Jacobs	7	.2756	38	27	40	3	2XFOA813	2XFOA113	2XFOY313	2XFOZ313
	1/4-28 UNF	Jacobs	7	.2756	38	27	40	3 Security	2XFOA815	2XFOA313	2XFOY315	2XFOZ315

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2XF

Microstop cages

Stroke 38mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

M6x100

1/4-28
UNF

BASE Tripod



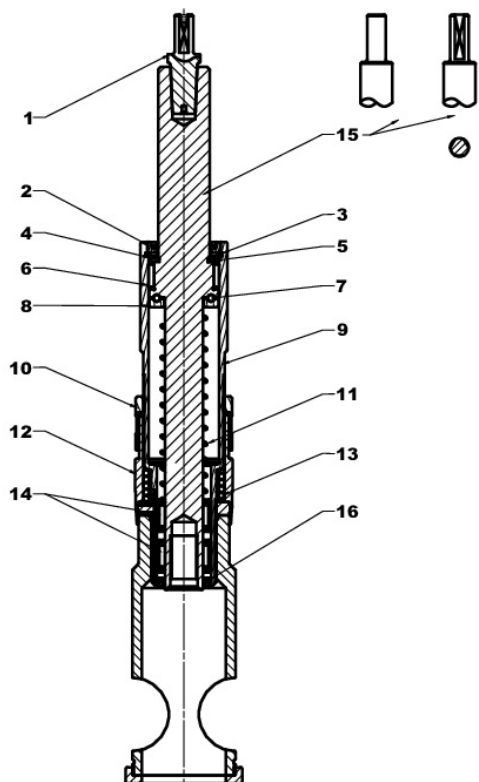
Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose
M6 x 100	3 Flats At 120°	7	.2756	38	27	64	Tripod	2XF0A506	2XF0A006
1/4-28 UNF	3 Flats At 120°	7	.2756	38	27	64	Tripod	2XF0A516	2XF0A016
M6 x 100	Cylindric	7	.2756	38	27	64	Tripod	2XF0A706	2XF0A206
1/4-28 UNF	Cylindric	7	.2756	38	27	64	Tripod	2XF0A716	2XF0A216
INTERNAL COOLANT									
M6 x 100	Jacobs	7	.2756	38	27	64	Tripod	2XF0A806	2XF0A306
1/4-28 UNF	Jacobs	7	.2756	38	27	64	Tripod	2XF0A816	2XF0A316

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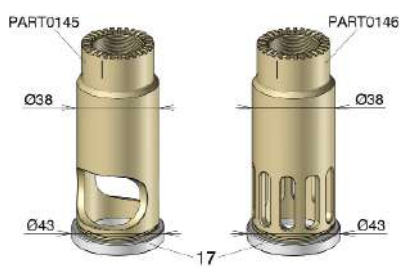
2XG

Microstop cages

Stroke 58mm



PARE PART	Index	Qty	Description
PART0060	1	1	Jacobs taper adaptator
PART0061	2	1	Sealling ring Ø19
PART0062	3	1	Internal circlips
PART0063	4	1	Flat washer
PART0064	5	1	External circlips
PART0065	6	1	Needle cage
PART0066	7	22	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 fl ts at 120°
PART0144	15	1	Spindle 7/16-20UNF - Jacobs taper
PART0076	15	1	Sealling ring Ø14
PART0147	15	1	Nylon nose
PART0148	15	1	Steel nose
PART0211	16	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



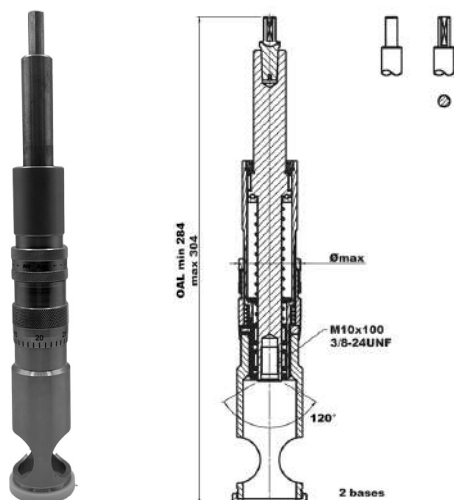
Possible noses

Flat, tripod or quadripod
In nylon or steel

2XG

Microstop cages

Stroke 58mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ To use with our counterbores, countersink and our one shot drill countersink
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

M10x100

3/8-24
UNF

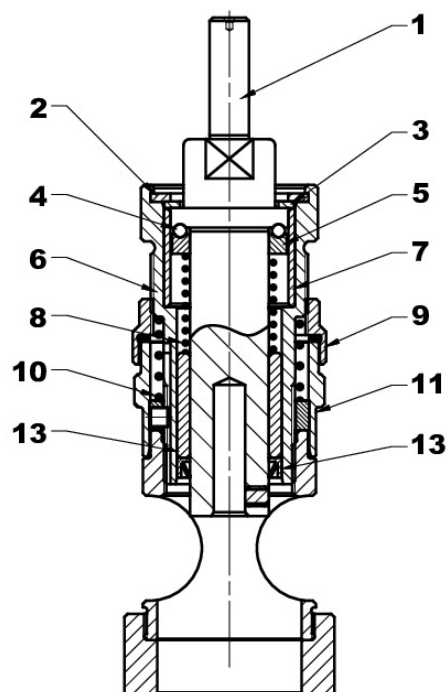
BASE 1	Thread	Type	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	M10 x 100	3 Flats At 120°	10	.3937	58	36	43	1	2XG0A501	2XG0A001	2XG0Y001	2XG0Z001
	M10 x 100	3 Flats At 120°	10	.3937	58	36	43	1 Security	2XG0A502	2XG0A002	2XG0Y002	2XG0Z002
	M10 x 100	Jacobs	10	.3937	58	36	43	1	2XG0A601	2XG0A101	2XG0Y101	2XG0Z101
	M10 x 100	Jacobs	10	.3937	58	36	43	1 Security	2XG0A602	2XG0A102	2XG0Y102	2XG0Z102
	7/16-20 UNF	Jacobs	10	.3937	58	36	43	1	2XG0A611	2XG0A111	2XG0Y111	2XG0Z111
	7/16-20 UNF	Jacobs	10	.3937	58	36	43	1 Security	2XG0A612	2XG0A112	2XG0Y112	2XG0Z112

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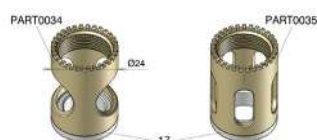
2XM

Microstop cages with bore

Stroke 7,5mm



SQUARE PART	Index	Qty	Description
PART0020	1	1	Spindle M6x100
PART0021	1	1	Spindle M8x100
PART0022	1	1	Spindle 1/4-28UNF
PART0023	2	1	Internal circlips
PART0024	3	1	Flat washer
PART0005	4	22	Balls Ø19
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	2	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



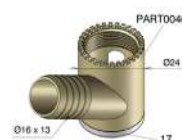
Base 3

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 ou 20
«Security» strobe
Nylon or steel nose piece



Base 5

M20 Tapped base
With vacuum Ø16 x 13
Internal diameter Ø15
Nylon or steel nose piece



Base 6

M26 threaded base
With vacuum Ø16 x 13
Internal diameter Ø22
Nylon or steel nose piece



Base 7

M30 threaded base
With vacuum Ø16 x 13
Internal diameter Ø26
Nylon or steel nose piece



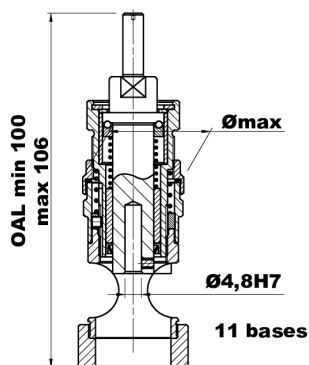
Possible noses

Flat, tripod or quadripod
In Nylon or steel

2XM

Microstop cages with bore

Stroke 7,5mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ The Bore of 4.8mm is particularly adapt to fit with wire brush 2MA
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

EMBASE 1	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	Ø4,8 H7	6	.2362	7.5	29.5	24	1	2XM0A100	2XM0A000	2XM0AY00	2XM0AZ00
	Ø4,8 H7	6	.2362	7.5	29.5	24	1 Security	2XM0A101	2XM0A001	2XM0AY01	2XM0AZ01

EMBASE 2	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	Ø4,8 H7	6	.2362	7.5	29.5	32	2	2XM0A102	2XM0A002	2XM0AY02	2XM0AZ02
	Ø4,8 H7	6	.2362	7.5	29.5	32	2 Security	2XM0A109	2XM0A009	2XM0AY09	2XM0AZ09

EMBASE 3	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	Ø4,8 H7	6	.2362	7.5	29.5	36	3	2XM0A103	2XM0A003	2XM0AY03	2XM0AZ03
	Ø4,8 H7	6	.2362	7.5	29.5	36	3 Security	2XM0A104	2XM0A004	2XM0AY04	2XM0AZ04

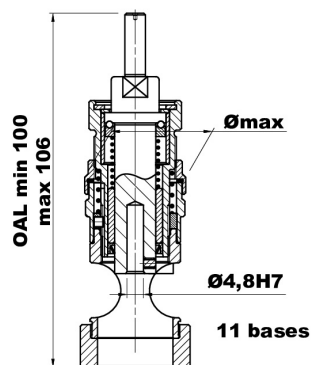
EMBASE 4	Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	Ø4,8 H7	6	.2362	7.5	29.5	26.4	4 inter.	2XM0A10B	2XM0A00B	2XM0AY0B	2XM0AZ0B
	Ø4,8 H7	6	.2362	7.5	29.5	32	4 exter.	2XM0A10C	2XM0A00C	2XM0AY0C	2XM0AZ0C

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2XM

Microstop cage with bore

Stroke 7,5mm



Characteristics

- ⌘ Allows precise adjustment of machining depth
- ⌘ The Bore of 4.8mm is particularly adapt to fit with wire brush 2MA
- ⌘ Nickel-plated steel and treated steel for moving parts
- ⌘ Adjustment pitch 0.025mm, lip seal to prevent impurity intrusion

EMBASE 5



Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
Ø4,8 H7	6	.2362	7.5	29.5	24	5	2XM0A105	2XM0A005	2XM0AY05	2XM0AZ05

EMBASE 6



Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
Ø4,8 H7	6	.2362	7.5	29.5	32	6	2XM0A106	2XM0A006	2XM0AY06	2XM0AZ06

EMBASE 7



Thread	Shank (mm)	Shank (inch)	Stroke	ØDB (mm)	base Ø	Base n°	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
Ø4,8 H7	6	.2362	7.5	29.5	36	7	2XM0A107	2XM0A007	2XM0AY07	2XM0AZ07

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NEXAM®

0.025mm

5

3BA Rivet squeezer

p.251

3BB Rivet squeezer

p.252

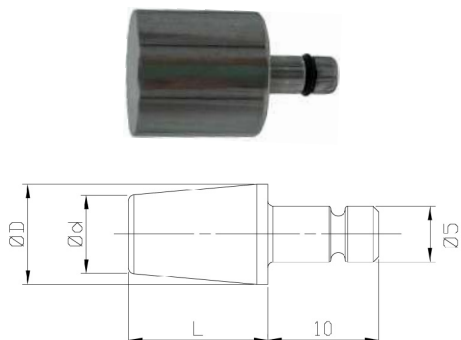
3BC Rivet squeezer

p.253

3BP Hand clamp

3BA

Rivet squeezer



Characteristics

⌘ 3BA for countersunk head rivet

Ø Rivet		1,6 & 2,4	3,2 & 3,6	4	4,8	5,6 & 6,4
Ø	d	7	9	10	12	16
	D	9	9	14	14	16
L	4	3BA01604	3BA03204	3BA04004	3BA04804	3BA05604
	7	3BA01607	3BA03207	3BA04007	3BA04807	3BA05607
	10	3BA01610	3BA03210	3BA04010	3BA04810	3BA05610
	12,5	3BA01612	3BA03212	3BA04012	3BA04812	3BA05612
	16	3BA01616	3BA03216	3BA04016	3BA04816	3BA05616
	20	3BA01620	3BA03220	3BA04020	3BA04820	3BA05620



3BP - Hand clamp

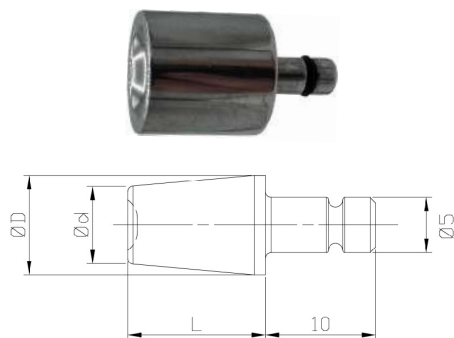
⌘ To be used with 3BA, 3BB and 3BC

Type	Ø Max Rivet (mm)	Ø Punch Shank	Jaw Distance	Max Opening (mm)	Depth	OAL (mm)	Rivet Material	Item
Manual Riveting Tool	3,2	5	17	40	85	442	Aluminium	3BP0A001

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3BB

Rivet squeezer



Characteristics

- ⌘ For flat round head rivet
- ⌘ NFL 21215
- ⌘ AN 470
- ⌘ LN 9198

Ø Rivet		2,4	3,2	4	4,8	5,6	6,4
Ø	d	7	9	10	12	14	16
	D	9	9	14	14	14	16
L	4	3BB02404	3BB03204	3BB04004	3BB04804	3BB05604	3BB06404
	7	3BB02407	3BB03207	3BB04007	3BB04807	3BB05607	3BB06407
	10	3BB02410	3BB03210	3BB04010	3BB04810	3BB05610	3BB06410
	12,5	3BB02412	3BB03212	3BB04012	3BB04812	3BB05612	3BB06412
	16	3BB02416	3BB03216	3BB04016	3BB04816	3BB05616	3BB06416
	20	3BB02420	3BB03220	3BB04020	3BB04820	3BB05620	3BB06420



3BP - Hand clamp

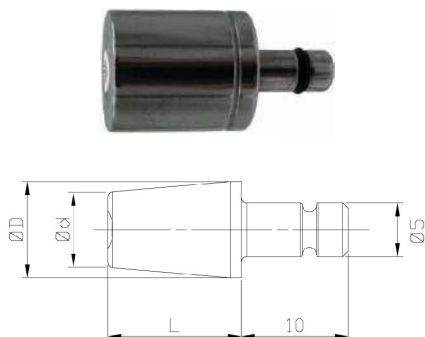
- ⌘ To be used with 3BA, 3BB and 3BC

Type	Ø Max Rivet (mm)	Ø Punch Shank	Jaw Distance	Max Opening (mm)	Depth	OAL (mm)	Rivet Material	Item
Manual Riveting Tool	3,2	5	17	40	85	442	Aluminium	3BP0A001

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3BC

Rivet squeezer



Characteristics

- ⌘ For reduced fl t round heand rivet
- ⌘ NSA 5411 - Titanium
- ⌘ NSA 5415 - Monel

Ø Rivet		2,4	3,2	3,6	4	4,8	5,6
Ø	d	7	9	9	10	12	14
	D	9	9	9	14	14	14
L	4	3BC02404	3BC03204	3BC03604	3BC04004	3BC04804	3BC05604
	7	3BC02407	3BC03207	3BC03607	3BC04007	3BC04807	3BC05607
	10	3BC02410	3BC03210	3BC03610	3BC04010	3BC04810	3BC05610
	12,5	3BC02412	3BC03212	3BC03612	3BC04012	3BC04812	3BC05612
	16	3BC02416	3BC03216	3BC03616	3BC04016	3BC04816	3BC05616
	20	3BC02420	3BC03220	3BC03620	3BC04020	3BC04820	3BC05620



3BP - Hand clamp

- ⌘ To be used with 3BA, 3BB and 3BC

Type	Ø Max Rivet (mm)	Ø Punch Shank	Jaw Distance	Max Opening (mm)	Depth	OAL (mm)	Rivet Material	Item
Manual Riveting Tool	3,2	5	17	40	85	442	Aluminium	3BPOA001

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexaero.com

3CA Drilling bush - 25 or 30mm
Steel p.256

3CB Drilling bush - 40mm
Steel p.257

3CC Bush ø14
Steel p.260

3CD Threaded bush
Steel p.262

3CE Bush holder
Steel p.263

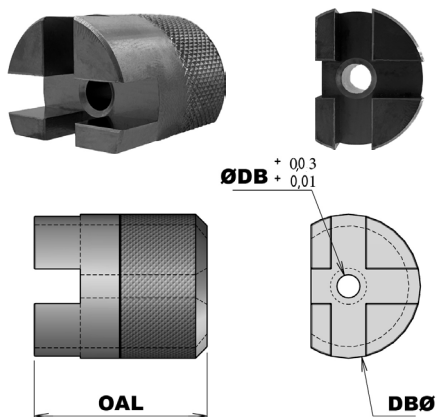
3CF Chip breaker drilling bush
Steel p.258

NEXAM
3CF04830
Ø4,83 20/1159

3CA

Drilling bush - 25 or 30mm

Steel



Characteristics

- ⌘ Compact drilling bush for short series of drills and reamers
- ⌘ Allows tool guidance during drilling/boring and ensures perpendicularity
- ⌘ Treated steel drilling bush
- ⌘ 3CAXXXXX - diameter and length to be specific

Treated Steel

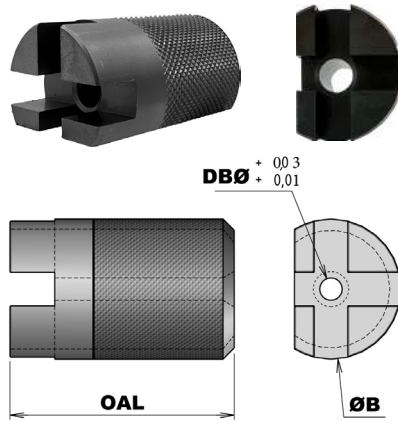
ØD (mm)	ØD (inch)	ØDB (mm)	OAL (mm)	Item
XX,XXX	X	25	25 / 30	3CAXXXXX
2.5	.0984	25	30	3CA02500
3.2	.126	25	30	3CA03200
4.1	.1614	25	30	3CA04100
4.8	.189 (#12)	25	30	3CA04800
5.56	.219 (7/32)	25	30	3CA05560
6.35	.25 (1/4)	25	30	3CA06350
7.94	.313 (5/16)	25	30	3CA07940
2.5	.0984	25	25	3CA52500
3.2	.126	25	25	3CA53200
4.1	.1614	25	25	3CA54100
4.8	.189 (#12)	25	25	3CA54800
5.56	.219 (7/32)	25	25	3CA55560
6.35	.25 (1/4)	25	25	3CA56350
7.94	.313 (5/16)	25	25	3CA57940

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

3CB

Drilling bush - 40mm

Steel



Characteristics

- ⌘ Drilling bush for drills and reamers
- ⌘ Allows tool guidance during drilling/boring and ensures perpendicularity
- ⌘ Treated steel drilling bush
- ⌘ 3CBXXXX - diameter and length to be specific

Treated Steel

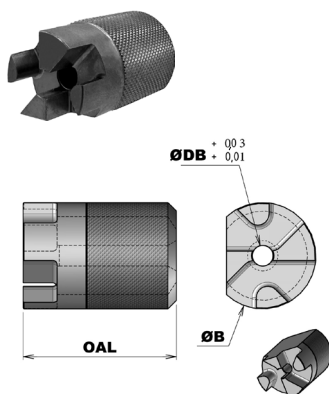
ØD (mm)	ØD (inch)	ØDB (mm)	OAL (mm)	Item
XX,XXX	X	25	40	3CBXXXX
2.5	.0984	25	40	3CB02500
3.2	.126	25	40	3CB03200
3.3	.13	25	40	3CB03300
4	.157	25	40	3CB04000
4.1	.1614	25	40	3CB04100
4.18	.165	25	40	3CB04180
4.5	.1772	25	40	3CB04500
4.8	.189 (#12)	25	40	3CB04800
5.56	.219 (7/32)	25	40	3CB05560
6.35	.25 (1/4)	25	40	3CB06350
7.94	.313 (5/16)	25	40	3CB07940

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

3CF

Chip Breaker Drilling bush

Steel



Characteristics

- ⌘ Drilling bush with chip breaker for drills and reamers
- ⌘ Allows tool guidance during drilling/boring and ensures perpendicularity
- ⌘ Treated steel drilling bush
- ⌘ Chip breaker allows breaking and evacuation of chips generated by the operation
- ⌘ 3CFXXXXX - diameter and length to be specific

Treated Steel

ØD (mm)	ØD (inch)	ØDB (mm)	OAL (mm)	Item
XX,XXX	X	25	40	3CFXXXXX
2.5	.0984	25	36	3CF02500
3.2	.126	25	36	3CF03200
4.1	.1614	25	36	3CF04100
4.13		25	36	3CF04130
4.18		25	36	3CF04180
4.78	.1882	25	36	3CF04780
4.8	.189 (#12)	25	36	3CF04800
4.83		25	36	3CF04830
5.08		25	36	3CF05080
5.17		25	36	3CF05170
5.56	.219 (7/32)	25	40	3CF05560
6.35	.25 (1/4)	25	40	3CF06350
7.94	.313 (5/16)	25	40	3CF07940
9.52	.3748 (3/8)	25	40	3CF09520

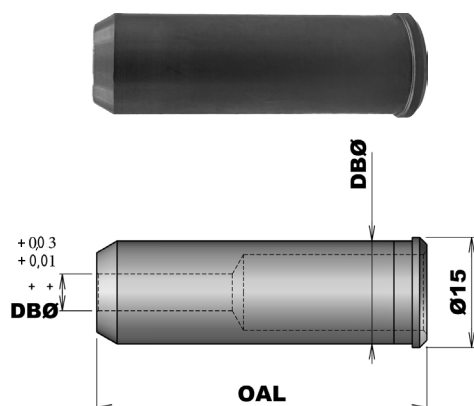
If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero



3CC

Bush Ø14

Steel



Characteristics

- ⌘ Drill bushing Ø14 for drill bit and reamer up to Ø11.5
- ⌘ Allows tool guidance during drilling/boring and ensures perpendicularity
- ⌘ Treated steel
- ⌘ Use with 3CE bush supports
- ⌘ 3CCXXXX - diameter and length to be specific

Treated Steel

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



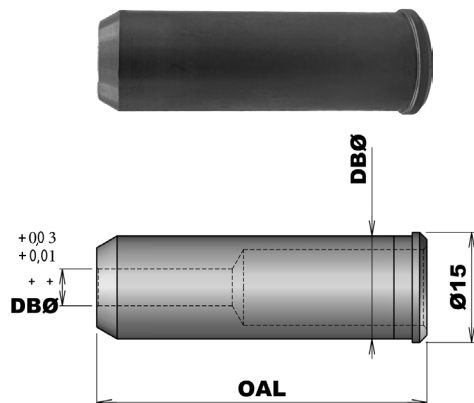
⌘ Chipbreaker option

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

3CC

Bush Ø14

Steel



Characteristics

- ⌘ Drill bushing Ø14 for drill bit and reamer up to Ø11.5
- ⌘ Allows tool guidance during drilling/boring and ensures perpendicularity
- ⌘ Treated steel
- ⌘ Use with 3CE bush supports
- ⌘ 3CCXXXX - diameter and length to be specific

Treated Steel

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



⌘ Chipbreaker option

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

3CD

Threaded bush

Steel



Characteristics

- ⌘ Threaded drill bushing for drill bit and reamer up to Ø17.5
- ⌘ Allows tool guidance during drilling/boring and ensures perpendicularity
- ⌘ Treated steel
- ⌘ Use with 3CE bush supports
- ⌘ 3CDXXXX - diameter and length to be specific

Treated Steel

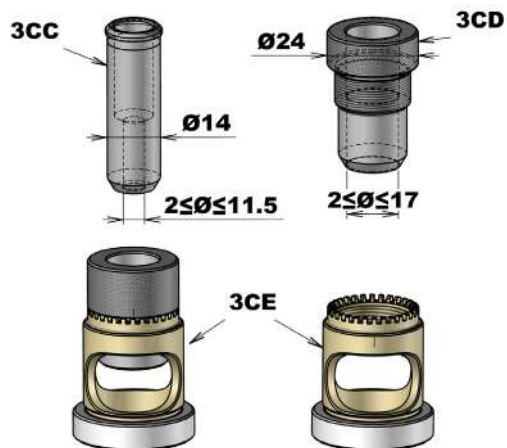
ØD (mm)	ØD (inch)	ØDB (mm)	OAL (mm)	Item
2.5	.0984	26.4	37	3CD02500
3.2	.126	26.4	37	3CD03200
4.1	.1614	26.4	37	3CD04100
4.8	.189 (#12)	26.4	37	3CD04800
5.56	.219 (7/32)	26.4	37	3CD05560
6.35	.25 (1/4)	26.4	37	3CD06350
7.94	.313 (5/16)	26.4	37	3CD07940
XX,XXX	X	26.4	37	3CDXXXXX

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

3CE

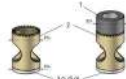
Bush holder

Steel



Characteristics

- % Holder for bush Ø14 and threaded bush
- % Different kind of base and nose are available according to your requirement
- % Treated steel adapter, nickel-plated steel body



BASE 1

OAL mm

OAL inch

For bush

D base max

Base n°

Steel nose

Nylon nose

Tripod nylon nose

Quadripod nylon nose

45

1.7717

3CC

24

1

3CE0S001

3CE0A001

3CE0Y001

3CE0Z001

28

1.1024

3CD

24

1

3CE0S101

3CE0A101

3CE0Y101

3CE0Z101



BASE 2

OAL mm

OAL inch

For bush

Base + n°

Ø max

Steel nose

Nylon nose

Tripod nylon nose

Quadripod nylon nose

45

1.7717

3CC

2

32

3CE0S002

3CE0A002

3CE0Y002

3CE0Z002

28

1.1024

3CD

2

32

3CE0S102

3CE0A102

3CE0Y102

3CE0Z102



BASE 3

OAL mm

OAL inch

For bush

Base + n°

Ø max

Steel nose

Nylon nose

Tripod nylon nose

Quadripod nylon nose

45

1.7717

3CC

3

36

3CE0S003

3CE0A003

3CE0Y003

3CE0Z003

28

1.1024

3CD

3

36

3CE0S103

3CE0A103

3CE0Y103

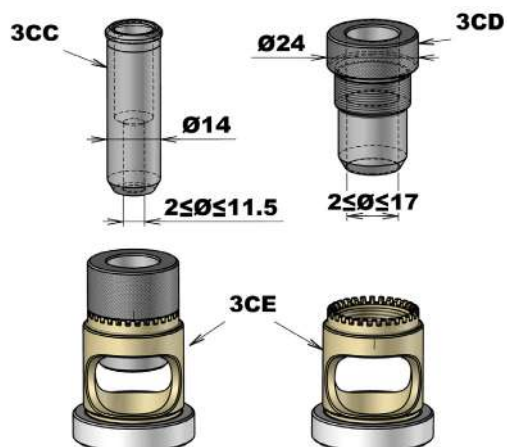
3CE0Z103

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

3CE

Bush holder

Steel



Characteristics

- ⌘ Holder for bush Ø14 and threaded bush
- ⌘ Different kind of base and nose are available according to your requirement
- ⌘ Treated steel adapter, nickel-plated steel body

BASE 4	OAL mm	OAL inch	For bush	Base + n°	Ø max	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	45	1.7717	3CC	4	27	3CE0S004	3CE0A004	3CE0Y004	3CE0Z004
	28	1.1024	3CD	4	27	3CE0S104	3CE0A104	3CE0Y104	3CE0Z104

BASE 5	OAL mm	OAL inch	For bush	Base + n°	Ø max	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	45	1.7717	3CC	5	32	3CE0S005	3CE0A005	3CE0Y005	3CE0Z005
	28	1.1024	3CD	5	32	3CE0S105	3CE0A105	3CE0Y105	3CE0Z105

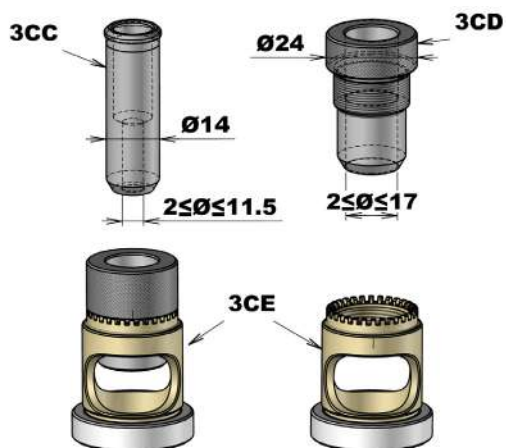
BASE Offse	OAL mm	OAL inch	For bush	Base + n°	Ø max	Steel nose	Tripod nylon nose
	45	1.7717	3CC	Offse	27	3CE0S006	3CE0Y006
	28	1.1024	3CD	Offse	27	3CE0S106	3CE0Y106

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
Contact us by sending your request via email to request@nexam.aero

3CE

Bush holder

Steel



Characteristics

- ⌘ Holder for bush Ø14 and threaded bush
- ⌘ Different kind of base and nose are available according to your requirement
- ⌘ Treated steel adapter, nickel-plated steel body

BASE 7	OAL mm	OAL inch	For bush	Base + n°	Ø max	Steel nose	Nylon nose	Tripod nylon nose	Quadripod nylon nose
	45	1.7717	3CC	7	36	3CE0S007	3CE0A007	3CE0Y007	3CE0Z007
	45	1.7717	3CD	7+rotative ring	36	3CE0S037	3CE0A037	3CE0Y037	3CE0Z037
	28	1.1024	3CD	7	36	3CE0S107	3CE0A107	3CE0Y107	3CE0Z107

BASE Tripod	OAL mm	OAL inch	For bush	Base + n°	Ø max	Steel nose
	45	1.7717	3CC	Tripod	50	3CE0A008

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times.
Contact us by sending your request via email to request@nexam.aero

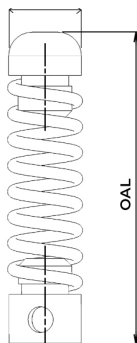
3DS Drill stop
Drilling

p.267

3DS

Drill stop

Drilling



Characteristics

- Drill stop, limits drilling depth
- Protects the workpiece from potential chuck collision
- Quick assembly and disassembly with a 5/64" male hex key

Size	D	OAL	COLOR	ITEM
#50	1.778	33	noir	3DS0A050
#40	2.489	33	zinc	3DS0A040
#30	3.264	33	cuivre	3DS0A030
#28	3.569	33	zinc	3DS0A028
#21	4.039	38	noir	3DS0A021
#20	4.089	38	zinc	3DS0A020
#12	4.8	38	laiton	3DS0A012
#10	4.915	38	laiton	3DS0A010
1/4	6.35	54	cuivre	3DS0A014
5/16	7.938	54	cuivre	3DS0A516

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

3WA Back spotfacer machine

p.270

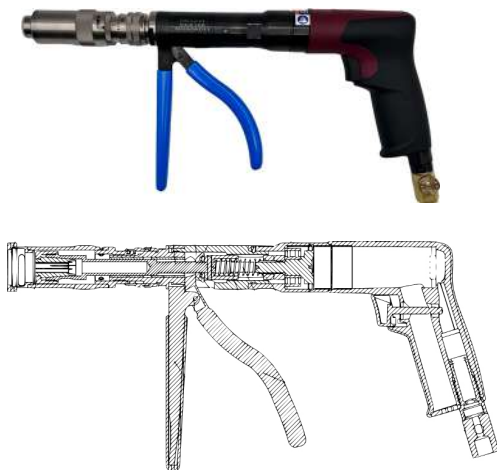
3WB Extensible collets
Steel

p.271



3WA

Back spotfacer machine

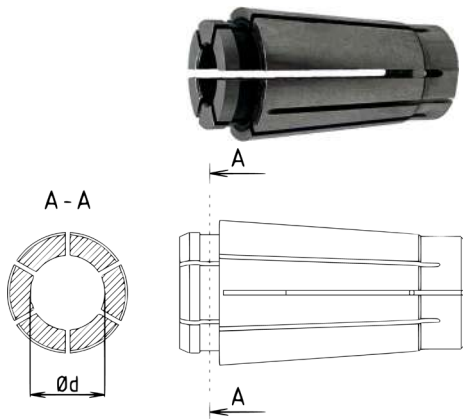


Characteristics

- ⌘ Allows to control the depth of backcountersink or backspotfacing in difficult access area
- ⌘ Adjusting pitch of 0.025mm
- ⌘ To use with our backspotfacer or backcountersink, with our pilot
- ⌘ Handle adjustable 360°, quick-release base type ¼ turn
- ⌘ Adjustable speed thanks to the flow regulator

Machine	Modèle	Speed (tr/min)	Power (W)	Weight (kg)	OAL (mm)	N°	Ø max	Item
Desoutter	DR500-P600	600	500	1.7	360	1	20	3WAOA001
Desoutter	DR500-P600	600	500	1.7	360	2	36	3WAOA002
Desoutter	DR500-P400	400	500	1.7	360	1	20	3WAOA011
Desoutter	DR500-P400	400	500	1.7	360	2	36	3WAOA012
Atlas-Copco	LBB26	500	500	1.9	350	1	20	3WAOA111
Atlas-Copco	LBB26	500	500	1.9	350	2	36	3WAOA112

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero



Characteristics

- ⌘ Extensible collet for our backspotfacer machine 3WA
- ⌘ Treated steel collet

Treated Steel

ØD (mm)	ØD (inch)	Item
2	.0787	3WB0A020
2.25	.0886	3WB0A022
2.5	.0984	3WB0A025
2.75	.1083	3WB0A027
3	.1181	3WB0A030
3.5	.1378	3WB0A035
4	.1575	3WB0A040
4.5	.1772	3WB0A045
5	.1969	3WB0A050
5.5	.2165	3WB0A055
6	.2362	3WB0A060
6.5	.2559	3WB0A065
7	.2756	3WB0A070
7.5	.2953	3WB0A075
8	.315	3WB0A080
8.5	.3346	3WB0A085
9	.3543	3WB0A090
9.5	.374	3WB0A095
10	.3937	3WB0A100

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

3DP Strap duplicator

p.273

3DP

Strap duplicator



Characteristics

- Strap Duplicator on repair sheets. Drilling aid.
- 3 models: guide, reverse guide, and punch
- 2 nozzle lengths: 160 and 340 mm
- 8 diameters: from #40 to #5

SIZE	D	Jaw Length	TYPE	ITEM
#5	5.220	160	Bushing	3DPOBC05
F	6.528	160	Bushing	3DPOBC0F
#10	4.915	160	Bushing	3DPOBC10
1/4	6.350	160	Bushing	3DPOBC14
#19	4.216	160	Bushing	3DPOBC19
#21	4.039	160	Bushing	3DPOBC21
#30	3.264	160	Bushing	3DPOBC30
#40	2.489	160	Bushing	3DPOBC40
#5	5.220	340	Bushing	3DPOBL05
F	6.528	340	Bushing	3DPOBL0F
#10	4.915	340	Bushing	3DPOBL10
1/4	6.350	340	Bushing	3DPOBL14
#19	4.216	340	Bushing	3DPOBL19
#21	4.039	340	Bushing	3DPOBL21
#30	3.264	340	Bushing	3DPOBL30
#40	2.489	340	Bushing	3DPOBL40
#5	5.220	160	Reversed Bushing	3DPOIC05
F	6.528	160	Reversed Bushing	3DPOIC0F
#10	4.915	160	Reversed Bushing	3DPOIC10
1/4	6.350	160	Reversed Bushing	3DPOIC14
#19	4.216	160	Reversed Bushing	3DPOIC19
#21	4.039	160	Reversed Bushing	3DPOIC21
#30	3.264	160	Reversed Bushing	3DPOIC30
#40	2.489	160	Reversed Bushing	3DPOIC40
#5	5.220	340	Reversed Bushing	3DPOIL05
F	6.528	340	Reversed Bushing	3DPOIL0F
#10	4.915	340	Reversed Bushing	3DPOIL10
1/4	6.350	340	Reversed Bushing	3DPOIL14
#19	4.216	340	Reversed Bushing	3DPOIL19
#21	4.039	340	Reversed Bushing	3DPOIL21
#30	3.264	340	Reversed Bushing	3DPOIL30
#40	2.489	340	Reversed Bushing	3DPOIL40
#5	5.220	160	Center Punch	3DPOPC05
F	6.528	160	Center Punch	3DPOPC0F
#10	4.915	160	Center Punch	3DPOPC10
1/4	6.350	160	Center Punch	3DPOPC14
#19	4.216	160	Center Punch	3DPOPC19
#21	4.039	160	Center Punch	3DPOPC21
#30	3.264	160	Center Punch	3DPOPC30
#40	2.489	160	Center Punch	3DPOPC40
#5	5.220	340	Center Punch	3DPOPL05
F	6.528	340	Center Punch	3DPOPL0F
#10	4.915	340	Center Punch	3DPOPL10
1/4	6.350	340	Center Punch	3DPOPL14
#19	4.216	340	Center Punch	3DPOPL19
#21	4.039	340	Center Punch	3DPOPL21
#30	3.264	340	Center Punch	3DPOPL30
#40	2.489	340	Center Punch	3DPOPL40

If you cannot find the tool that meets your requirements (cutting material, effective length, overall length, shank type, number of flutes, helix angle, coating, etc.), we can manufacture it as a special order with short lead times. Contact us by sending your request via email to request@nexam.aero

3AM Temporary fastener

Clamping

p.275

3AP Manual plier

Clamping

p.275

3AC Protective caps

Clamping

p.275

3AM

Temporary fastener

Clamping / 3AC - 3AP



Characteristics

3AM :

- Temporary fastener before fastening
- Assembly with 3AP collet

3AC :

- Colored protective caps identify diameters, protect surfaces and temporary fastener



Ø BORE (mm)	Ø BORE (inch)	Clamping thickness		COLOR	SERIES	ITEM
		min	max			
1.58	1/16	0	6.35	black	standard	3AM00001
2.38	3/32	0	6.35	zinc	standard	3AM00011
3.17	1/8	0	6.35	copper	standard	3AM00021
3.96	5/32	0	6.35	black	standard	3AM00031
4.76	3/16	0	6.35	brass	standard	3AM00041
5.56	7/32	0	6.35	zinc	standard	3AM00051
6.35	1/4	0	6.35	copper	standard	3AM00061
2.38	3/32	0	6.35	zinc	short	3AM00111
3.17	1/8	0	6.35	copper	short	3AM00121
3.96	5/32	0	6.35	black	short	3AM00131
4.76	3/16	0	6.35	brass	short	3AM00141
2.38	3/32	6.35	12.7	zinc	long	3AM00212
3.17	1/8	6.35	12.7	copper	long	3AM00222
3.96	5/32	6.35	12.7	black	long	3AM00232
4.76	3/16	6.35	12.7	brass	long	3AM00242
2.38	3/32	12.7	19.05	zinc	extra long	3AM00313
3.17	1/8	12.7	19.05	copper	extra long	3AM00323
3.96	5/32	12.7	19.05	black	extra long	3AM00333
4.76	3/16	12.7	19.05	brass	extra long	3AM00343
2.38	3/32	0	12.7	zinc	extra grip	3AM00414
3.17	1/8	0	12.7	copper	extra grip	3AM00424
3.96	5/32	0	12.7	black	extra grip	3AM00434
4.76	3/16	0	12.7	brass	extra grip	3AM00444
5.56	7/32	0	12.7	zinc	extra grip	3AM00454
6.35	1/4	0	12.7	copper	extra grip	3AM00464

ITEM CAPS
-
3AC00011
3AC00012
3AC00013
3AC00014
3AC00015
3AC00016
3AC00021
3AC00022
3AC00023
3AC00024
3AC00011
3AC00012
3AC00013
3AC00014
3AC00011
3AC00012
3AC00013
3AC00014
3AC00021
3AC00022
3AC00023
3AC00024
3AC00025
3AC00026

Manual clamp for inserting/removing



ITEM
3AP00001

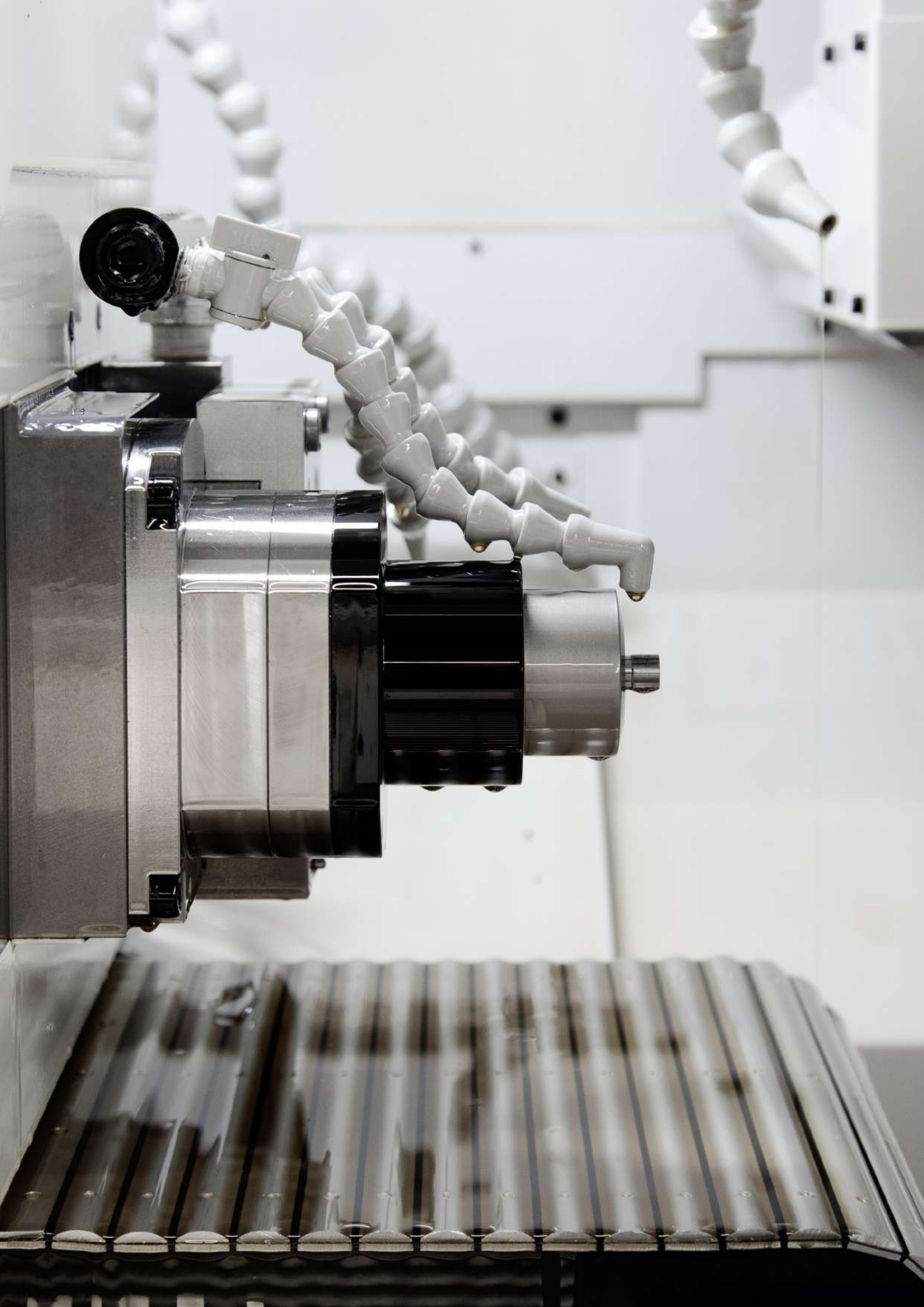
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3PA Type A collet
Clamping

p.278

3PB Type B collet
Clamping

p.279





Characteristics

- Thread 9/32-40
- Capacity from 1.1 to 5 mm
- Tool diameter from 0.1 to 0.1 mm

D (mm)	D (inch)	T	ITEM
1		9/32-40	3PA0A010
1.1		9/32-40	3PA0A011
1.2		9/32-40	3PA0A012
1.3		9/32-40	3PA0A013
1.4		9/32-40	3PA0A014
1.5		9/32-40	3PA0A015
1.6		9/32-40	3PA0A016
1.7		9/32-40	3PA0A017
1.8		9/32-40	3PA0A018
1.9		9/32-40	3PA0A019
2		9/32-40	3PA0A020
2.1		9/32-40	3PA0A021
2.2		9/32-40	3PA0A022
2.3		9/32-40	3PA0A023
2.4		9/32-40	3PA0A024
2.5		9/32-40	3PA0A025
2.6		9/32-40	3PA0A026
2.7		9/32-40	3PA0A027
2.8		9/32-40	3PA0A028
2.9		9/32-40	3PA0A029
3		9/32-40	3PA0A030
3.1		9/32-40	3PA0A031
3.2		9/32-40	3PA0A032
3.3		9/32-40	3PA0A033
3.4		9/32-40	3PA0A034
3.5		9/32-40	3PA0A035
3.6		9/32-40	3PA0A036
3.7		9/32-40	3PA0A037
3.8		9/32-40	3PA0A038
3.9		9/32-40	3PA0A039
4		9/32-40	3PA0A040
4.1		9/32-40	3PA0A041
4.2		9/32-40	3PA0A042
4.3		9/32-40	3PA0A043
4.4		9/32-40	3PA0A044
4.5		9/32-40	3PA0A045
4.6		9/32-40	3PA0A046
4.7		9/32-40	3PA0A047
4.8		9/32-40	3PA0A048
4.9		9/32-40	3PA0A049
5		9/32-40	3PA0A050

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3PB

Type B collet

Clamping



Characteristics

- Capacity from 1.6 to 6.6 mm
- Tool diameter from 0.2 to 0.2 mm

D (mm)	ITEM
1.6	3PBOA016
1.8	3PBOA018
2	3PBOA020
2.2	3PBOA022
2.4	3PBOA024
2.6	3PBOA026
2.8	3PBOA028
3	3PBOA030
3.2	3PBOA032
3.4	3PBOA034
3.6	3PBOA036
3.8	3PBOA038
4	3PBOA040
4.2	3PBOA042
4.4	3PBOA044
4.6	3PBOA046
4.8	3PBOA048
5	3PBOA050
5.2	3PBOA052
5.4	3PBOA054
5.6	3PBOA056
5.8	3PBOA058
6	3PBOA060
6.2	3PBOA062
6.4	3PBOA064
6.6	3PBOA066

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3SG Sheet metal clamp
Clamping

p.282

3HK Sheet metal clamp
Drilling

p.283





Characteristics

- Spring metal clamp
- Facilitates the holding in position of parts to be assembled
- 4 models: 2 clamping thicknesses and 2 nozzle lengths
- Installation/removal with the 3AP manual installation pliers

Clamping range		Jaw length	ITEM
min	max		
0	12.7	12.7	3SG01205
0	12.7	25.4	3SG01210
0	19.05	12.7	3SG03405
0	19.05	25.4	3SG03410

Manual clamp for inserting/removing



ITEM
3AP00001

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Characteristics

- Sheet metal clamps with rubber tips
- Lever lock, 3 positions
- Up to 8 mm thickness

Clamping range		Jaw length	ITEM
min	max		
0	7.93	25.4	3HK00010
0	7.93	38.1	3HK00015

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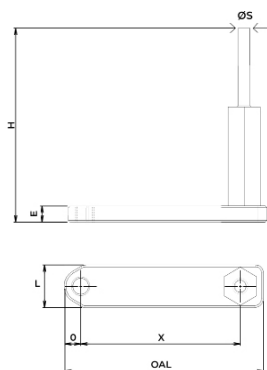
3RA Right-angle drive
Steel

p.285

3RA

Right-angle drive

Steel



Characteristics

- Operating up to 6,000 RPM
- Right-angle drive, special version on request
- For drilling and countersinking
- Full bearing right-angle drive suitable for all types of materials
- Use with 10-32 UNF or 1/4-28 tools
- Right or left bent models, different lengths and heights available on request

OAL	H	X	L	E	S	T	O	ITEM
77.978	59.40	56.642	22.352	8.509	6.35	10-32	7.62	3RA10011
107.365	59.40	85.9282	22.352	8.509	6.35	10-32	7.62	3RA10012
77.978	101.60	56.642	22.352	8.509	6.35	10-32	7.62	3RA10021
107.365	101.60	85.8774	22.352	8.509	6.35	10-32	8.763	3RA10022
77.978	59.40	56.642	22.352	8.509	6.35	1/4-28	7.62	3RA20011
107.365	59.40	85.9282	22.352	8.509	6.35	1/4-28	7.62	3RA20012
77.978	101.60	56.642	22.352	8.509	6.35	1/4-28	7.62	3RA20021
107.365	101.60	85.8774	22.352	8.509	6.35	1/4-28	8.763	3RA20022

To be used with drills 2AD, 2AE and countersinks 2HA and 2HB



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2ZA Drilling adaptor
Plain shank

p.288

2ZB T handle for Taper-Lok® hand reamers
Plain shank

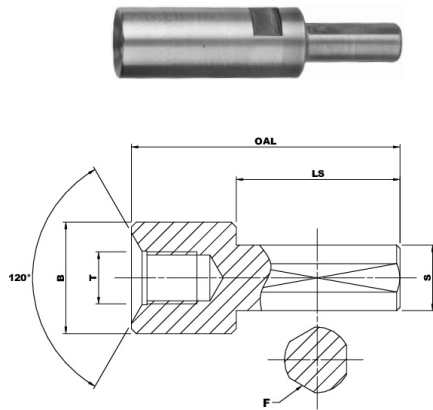
p.289



2ZA

Drilling adaptor

Plain shank



Characteristics

- ⌘ Allows the use of microstop cage tools on hand drills or CNC machine
- ⌘ 120° taper and threaded shank
- ⌘ Treated steel adapter

Treated Steel

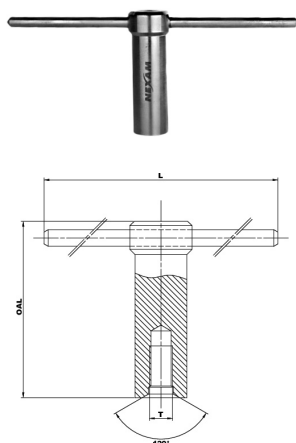
ØD (mm)	ØD (inch)	S (mm)	F	Ls (mm)	OAL (mm)	T	Item
10	.3937	4	0	15	30	M6 x 100	2ZA0A001
10	.3937	6	0	20	50	M6 x 100	2ZA0A002
10	.3937	8	3	20	56	M6 x 100	2ZA0A003
10	.3937	8	3	20	96	M6 x 100	2ZA0A004
10	.3937	4	0	15	30	1/4-28 UNF	2ZA0A005
10	.3937	6	0	20	50	1/4-28 UNF	2ZA0A006
10	.3937	8	3	20	56	1/4-28 UNF	2ZA0A007
12	.4724	8	3	20	96	1/4-28 UNF	2ZA0A008
12	.4724	6	0	20	50	M8 x 100	2ZA0A009
14	.5512	8	0	20	50	M8 x 100	2ZA0A010
14	.5512	8	3	20	56	M8 x 100	2ZA0A011
14	.5512	8	3	20	96	M8 x 100	2ZA0A012
18	.7087	8	3	20	42	M10 x 100	2ZA0A013
18	.7087	10	3	20	50	M10 x 100	2ZA0A014
18	.7087	8	3	20	82	M10 x 100	2ZA0A015
18	.7087	8	3	20	42	3/8-24 UNF	2ZA0A016
18	.7087	8	0	20	50	3/8-24 UNF	2ZA0A017
18	.7087	8	3	20	82	3/8-24 UNF	2ZA0A018
18	.7087	10	3	20	50	3/8-24 UNF	2ZA0A019

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2ZB

T handle for Taper-Lok® hand reamers

Plain shank



Characteristics

- ⌘ Allows the operation of hand reamers for reworking holes for Taper-Lok® 2DD fasteners
- ⌘ Treated steel handle

Treated Steel

L (mm)	OAL (mm)	T	Item
200	85	5/16-24 UNF	2ZB0A001
200	85	7/16-20 UNF	2ZB0A002
200	85	5/8-18 UNF	2ZB0A003
200	85	3/4-16 UNF	2ZB0A004

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3LP Paste lubricants
Vegetable grease

p.291

3LL Liquid lubricants
Vegetable grease

p.291

3LB Solid lubricants
Vegetable grease

p.291



ITEM	SIZE	COLOR
3LP13001	113 G	PINK
3LP15001	340 G	PINK
3LP23001	113 G	BLUE

Characteristics

- Allows tool lubrication
- Increases tool lifespan
- Improves finis

- Drilling, tapping, milling for paste and liquid lubricants
- Sanding, lubrication metrology for solid lubricants
- Biodegradable



ITEM	SIZE	COLOR
3LB51001	45 G	WHITE
3LB56001	411 G	WHITE



ITEM	SIZE	COLOR
3LL44001	207 ML	RED
3LL47001	118 ML	RED
3LL48001	3,8 L	RED

Certifications

- BOEING
Bac Boeing Process Specification
5008-5054-5063-5492-5540-5578-5657-5768
- BOMBARDIER
BAMS 569-001 Rev B Lubricants/Coolants
- DASSAULT AVIATION
Qualification process for drilling of Aluminium
- AIRBUS
A2MS 0569-001
AIPS-00-00-10
- ISO 9001:2015
ISO Quality Management System Certification

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Conversion Table

mm	fract.	gauge	dec.
0.300	-	-	0.0118
0.320	-	-	0.0126
0.343	-	80	0.0135
0.350	-	-	0.0138
0.368	-	79	0.0145
0.380	-	-	0.0150
0.397	2/64	-	0.0156
0.400	-	-	0.0157
0.406	-	78	0.0160
0.420	-	-	0.0165
0.450	-	-	0.0177
0.457	-	77	0.0180
0.480	-	-	0.0189
0.500	-	-	0.0197
0.508	-	76	0.0200
0.520	-	-	0.0205
0.533	-	75	0.0210
0.550	-	-	0.0217
0.572	-	74	0.0225
0.580	-	-	0.0228
0.600	-	-	0.0236
0.610	-	73	0.0240
0.620	-	-	0.0244
0.635	-	72	0.0250
0.650	-	-	0.0256
0.660	-	71	0.0260
0.680	-	-	0.0268
0.700	-	-	0.0276
0.711	-	70	0.0280
0.720	-	-	0.0283
0.742	-	69	0.0292
0.750	-	-	0.0295
0.780	-	-	0.0307
0.787	-	68	0.0310
0.794	1/32	-	0.0313
0.800	-	-	0.0315
0.813	-	67	0.0320
0.820	-	-	0.0323
0.838	-	66	0.0330
0.850	-	-	0.0335
0.880	-	-	0.0346
0.889	-	65	0.0350
0.900	-	-	0.0354
0.914	-	64	0.0360
0.920	-	-	0.0362
0.940	-	63	0.0370
0.950	-	-	0.0374
0.965	-	62	0.0380
0.980	-	-	0.0386
0.991	-	61	0.0390
1.000	-	-	0.0394
1.016	-	60	0.0400
1.041	-	59	0.0410
1.050	-	-	0.0413

mm	fract.	gauge	dec.
1.100	-	-	0.0433
1.150	-	-	0.0453
1.181	-	56	0.0465
1.191	3/64	-	0.0469
1.200	-	-	0.0472
1.250	-	-	0.0492
1.300	-	-	0.0512
1.321	-	55	0.0520
1.350	-	-	0.0531
1.397	-	54	0.0550
1.400	-	-	0.0551
1.450	-	-	0.0571
1.500	-	-	0.0591
1.511	-	53	0.0595
1.550	-	-	0.0610
1.588	1/16	-	0.0625
1.600	-	-	0.0630
1.613	-	52	0.0635
1.650	-	-	0.0650
1.700	-	-	0.0669
1.702	-	51	0.0670
1.750	-	0.0689	
1.778	-	50	0.0700
1.800	-	0.0709	
1.850	-	0.0728	
1.854	-	49	0.0730
1.900	-	0.0748	
1.930	-	48	0.0760
1.950	-	-	0.0768
1.984	5/64	-	0.0781
1.994	-	47	0.0785
2.000	-	-	0.0787
2.050	-	-	0.0807
2.057	-	46	0.0810
2.083	-	45	0.0820
2.100	-	-	0.0827
2.150	-	-	0.0846
2.184	-	44	0.0860
2.200	-	-	0.0866
2.250	-	-	0.0886
2.261	-	43	0.0890
2.300	-	-	0.0906
2.350	-	-	0.0925
2.375	-	42	0.0935
2.381	3/32	-	0.0937
2.400	-	-	0.0945
2.433	-	41	0.0958
2.450	-	-	0.0965
2.489	-	40	0.0980
2.500	-	-	0.0984
2.527	-	39	0.0995
2.550	-	-	0.1004
2.578	-	38	0.1015
2.600	-	-	0.1024
2.642	-	37	0.1040
2.650	-	-	0.1043

mm	fract.	gauge	dec.
2.700	-	-	0.1063
2.705	-	36	0.1065
2.750	-	-	0.1083
2.778	7/64	-	0.1094
2.794	-	35	0.1100
2.800	-	-	0.1102
2.819	-	34	0.1110
2.850	-	-	0.1122
2.870	-	33	0.1130
2.900	-	-	0.1142
2.946	-	32	0.1160
2.950	-	-	0.1161
3.000	-	-	0.1181
3.048	-	31	0.1200
3.100	-	-	0.1220
3.175	1/8	-	0.1250
3.200	-	-	0.1260
3.264	-	30	0.1285
3.300	-	-	0.1299
3.400	-	-	0.1339
3.454	-	29	0.1360
3.500	-	-	0.1378
3.569	-	28	0.1405
3.572	9/64	-	0.1406
3.600	-	-	0.1417
3.658	-	27	0.1440
3.700	-	-	0.1457
3.734	-	26	0.1470
3.797	-	25	0.1495
3.800	-	-	0.1496
3.861	-	24	0.1520
3.900	-	-	0.1535
3.912	-	23	0.1540
3.969	5/32	-	0.1563
3.988	-	22	0.1570
4.000	-	-	0.1575
4.039	-	21	0.1590
4.089	-	20	0.1610
4.100	-	-	0.1614
4.200	-	-	0.1654
4.216	-	19	0.1660
4.300	-	-	0.1693
4.305	-	18	0.1695
4.366	11/64	-	0.1719
4.394	-	17	0.1730
4.400	-	-	0.1732
4.496	-	16	0.1770
4.500	-	-	0.1772
4.572	-	15	0.1800
4.600	-	-	0.1811
4.623	-	14	.1820
4.700	-	13	.1850
4.762	3/6	-	.1875
4.800	-	12	.1890
4.851	-	11	.1910
4.900	-	-	.1929

Conversion Table

mm	fract.	gauge	dec.
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
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

mm	fract.	gauge	dec.
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
8.839	-	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
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
11.100	-	-	.4374
11.112	7/16	-	.4375

mm	fract.	gauge	dec.
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
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
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

Conversion Table

mm	fract.	gauge	dec.
15.700	-	-	0.6181
15.800	-	-	0.6220
15.875	5/8	-	0.6250
15.900	-	-	0.6260
16.000	-	-	0.6299
16.100	-	-	0.6339
16.200	-	-	0.6378
16.272	41/64	-	0.6406
16.300	-	-	0.6417
16.400	-	-	0.6457
16.500	-	-	0.6496
16.600	-	-	0.6535
16.669	21/32	-	0.6563
16.700	-	-	0.6575
16.800	-	-	0.6614
16.900	-	-	0.6654
17.000	-	-	0.6693
17.066	43/64	-	0.6719
17.100	-	-	0.6732
17.200	-	-	0.6772
17.300	-	-	0.6811
17.400	-	-	0.6850
17.462	11/16	-	0.6875
17.500	-	-	0.6890
17.600	-	-	0.6929
17.700	-	-	0.6969
17.800	-	-	0.7008
17.859	45/64	-	0.7031
17.900	-	-	0.7047
18.000	-	-	0.7087
18.100	-	-	0.7126
18.200	-	-	0.7165
18.256	23/32	-	0.7187
18.300	-	-	0.7205
18.400	-	-	0.7244
18.500	-	-	0.7283
18.600	-	-	0.7323
18.653	47/64	-	0.7344
18.700	-	-	0.7362
18.800	-	-	0.7402
18.900	-	-	0.7441
19.000	-	-	0.7480
19.050	3/4	-	0.7500
19.100	-	-	0.7520
19.200	-	-	0.7559
19.300	-	-	0.7598
19.400	-	-	0.7638
19.500	-	-	0.7677
19.600	-	-	0.7717
19.700	-	-	0.7756
19.800	-	-	0.7795
19.844	25/32	-	0.7813
19.900	-	-	0.7835
20.000	-	-	0.7874
20.100	-	-	0.7913
20.200	-	-	0.7953

mm	fract.	gauge	dec.
20.241	51/64	-	0.7969
20.300	-	-	0.7992
20.400	-	-	0.8031
20.500	-	-	0.8071
20.600	-	-	0.8110
20.638	13/16	-	0.8125
20.700	-	-	0.8150
20.800	-	-	0.8189
20.900	-	-	0.8228
21.000	-	-	0.8268
21.034	53/64	-	0.8281
21.100	-	-	0.8307
21.200	-	-	0.8346
21.300	-	-	0.8386
21.400	-	-	0.8425
21.431	27/32	-	0.8437
21.500	-	-	0.8465
21.600	-	-	0.8504
21.700	-	-	0.8543
21.800	-	-	0.8583
21.828	55/64	-	0.8594
21.900	-	-	0.8622
22.000	-	-	0.8661
22.100	-	-	0.8701
22.200	-	-	0.8740
22.225	7/8	-	0.8750
22.300	-	-	0.8780
22.400	-	-	0.8819
22.500	-	-	0.8858
22.600	-	-	0.8898
22.622	57/64	-	0.8906
22.700	-	-	0.8937
22.800	-	-	0.8976
22.900	-	-	0.9016
23.000	-	-	0.9055
23.019	29/32	-	0.9063
23.100	-	-	0.9094
23.200	-	-	0.9134
23.300	-	-	0.9173
23.400	-	-	0.9213
23.416	59/64	-	0.9219
23.500	-	-	0.9252
23.600	-	-	0.9291
23.700	-	-	0.9331
23.800	-	-	0.9370
23.812	15/16	-	0.9375
23.900	-	-	0.9409
24.000	-	-	0.9449
24.100	-	-	0.9488
24.200	-	-	0.9528
24.209	61/64	-	0.9531
24.300	-	-	0.9567
24.400	-	-	0.9606
24.500	-	-	0.9646
24.600	-	-	0.9685
24.606	31/32	-	0.9687

mm	fract.	gauge	dec.
24.700	-	-	0.9724
24.800	-	-	0.9764
24.900	-	-	0.9803
25.000	-	-	0.9843
25.003	63/64	-	0.9844
25.250	-	-	0.9941
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
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

Conversion Table

mm	fract.	gauge	dec.
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
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

mm	fract.	gauge	dec.
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
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

mm	fract.	gauge	dec.
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

LENGTH		
Millimeter (mm) et Inch (inch)		
mm >>> in mm x 0,03937 = in		in >>> mm in x 25,4 = mm
Meter (m) et Feet (ft)		
m >>> ft m x 3,2809 = ft		ft >>> m ft x 0,30479 = m
Meter (m) et Yards (yd)		
m >>> yd m x 1,0936 = yd		yd >>> m yd x 0,91438 = m
Kilometer (km) et Miles (m)		
km >>> m km x 0,6214 = m		m >>> km m x 1,6093 = km
Kilometer (km) et Nautic miles (nm)		
km >>> nm km x 0,5399 = nm		nm >>> km nm x 1,852 = km
AREA		
Square centimeter (cm ²) et Square inch (in ²)		
cm ² >>> in ² cm ² x 0,155 = in ²		in ² >>> cm ² in ² x 6,4516 = cm ²
Square meter (m ²) et Square feet (ft ²)		
m ² >>> ft ² (1ft ² = 144 in ²) m ² x 10,7645 = ft ²		ft ² >>> m ² ft ² x 0,0929 = m ²
Square meter (m ²) et Square yards (yd ²)		
m ² >>> yd ² (1yd ² = 9ft ²) m ² x 1,19596 = yd ²		yd ² >>> m ² yd ² x 0,83601 = m ²
Square meter (m ²) et Square inch (a)		
m ² >>> a (1a = 4850yd ²) m ² x 0,0002466 = a		yd ² >>> m ² a x 4055,0398 = m ²
Square kilometer (km ²) et Square inch (m ²)		
km ² >>> m ² km ² x 0,38614 = m ²		m ² >>> km ² m ² x 2,59 = km ²
VOLUME		
Liter (l) and English measures		
l >>> English measures	Equivalences	English measures >>> l
l x 35,1951571 = once fluid (fl.oz) l x 7,0422 = gill (gi) l x 1,759757 = pint (pt) l x 0,879894 = quart (qt) l x 0,219969 = gallon (gal) l x 0,109986 = peck (pk) l x 0,0274967 = bushel (bu) l x 0,00628483 ≈ barrel (bbl)	- 1 gill (gi) = 5 fluid ounce (fl.oz) 4 gills (gi) = 1 pint (pt) 2 pints (pt) = 1 quart (qt) 4 quarts (qt) = 1 gallon (gal) 2 gallons (gal) = 1 peck (pk) 4 pecks (pk) = 1 bushel (bu) 35 gallons (gal) = 1 barrel (bbl)	fluid ounce (fl.oz) x 0,028413 = l gill (gi) x 0,14207 = l pint (pt) x 0,56826 = l quart (qt) x 1,1365 = l gallon (gal) x 4,54609 = l peck (pk) x 9,092 = l bushel (bu) x 36,368 = l barrel (bbl) x 159,11315 ≈ l
Liter (l) and American measures		
l >>> American measures	Equivalences	American measures >>> l
l x 33,814056 = liquid ounce (liq oz) l x 8,453514 = gill (gi) l x 2,113378 = liquid pint (pt) l x 1,056688 = quart (qt) l x 0,26417 = US gallon l x 0,00629830 ≈ barrel (bbl)	- 1 gill (gi) = 4 liquid ounce (liq oz) 4 gills (gi) = 1 liquid pint (pt) 2 liquid pints (pt) = 1 quart (qt) 4 quarts (qt) = 1 US gallon (gal) 42 gallons (gal) = 1 barrel (bbl)	liquid ounce (liq oz) - l x 0,0295735 = l gill (gi) x 0,118294 = l liquid pint (pt) x 0,473176 = l quart (qt) x 0,946353 = l US gallon x 3,7854 = l barrel (bbl) x 158,9868 ≈ l
MASSES		
Kilogram (kg) et Pounds (lb)		
kg >>> lb kg x 2,2046 = lb		lb >>> kg lb x 0,453592 = kg

Material Summary

MATERIAL TO BE MACHINED			DIN
P	C: ≤ 0,2%	Mild steel	1.0116 (S235J2G3) 1.0401
	C: 0,25-0,45%	Medium carbon steel	1.0501 (C35)
	C: ≥ 0,45%	High carbon steel	1.0535 (C55) 1.0553 (S355J0)
	SCM	Alloy steel	1.7225 (42CrMo4)
M	INOX	Stainless steel	1.4301 (X5CrNi18-10)
K	GG	Ductile iron	0.6025 (EN-GJL-250/GG25)
	GGG	Ductile iron	0.7040 (EN-GJS-400-15/GGG-40)
N	Al	Aluminum	3.0205 (Al99)
	AC, ADC	Cast aluminum alloy	3.2581 (G-AlSi12)
S	Ti	Titanium	3.7164 (Ti6Al4V)
	Ni	Nickel alloy	2.4816 (NiCr15Fe/Inconel®600)
H	25-35 HRC	Hardened steel	
	35-45 HRC		
	45-52 HRC		
	52-62 HRC		



1. GENERAL CLAUSE.

These General Export Terms and Conditions of Sale (the «General Conditions») are intended to define the terms and conditions under which the company NEXAM - with a capital of €675.000 - registered with the RCS of SAINT-ETIENNE under number B885 650 473 - Head office: 36-38 avenue Jean Martouret - BP12 - 42161 ANDREZIEUX-BOUTHEON CEDEX FRANCE - website: www.nexam.aero, (the «Seller») provides the following products to its professional clients (the «Buyer») : cutting tools & tools (the « Products »).

These General Conditions apply without restriction or reservation to all sales concluded by the Seller to the Buyers, regardless of any clauses that may appear on the Buyer's documents, including its general terms and conditions of purchase.

These General Conditions are systematically communicated to any Buyer who requests them, to enable them to place an order with the Seller.

Any order for Products implies the Buyer's acceptance of these General Conditions.

The Seller reserves the right to derogate from certain clauses of these General Conditions, depending on the negotiations conducted with the Buyer, by establishing specific terms of sale. In the event of a contradiction between the General Conditions and the specific conditions, the provisions of the specific conditions shall prevail.

2. DOCUMENTS GOVERNING 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 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.

3. THE CONTRACT'S FORMATION.

3.1 The sale shall be considered final and the contract definitively formed only after :

- acceptance of the Seller's offer by the Buyer,
- and the Seller has sent an order confirmation to the Buyer,
- and, if applicable, a down payment has been made by the Buyer.

3.2 Any modification requested by the Buyer may only be considered, at the sole discretion of the Seller, if it is notified in writing and after the Buyer has signed a specific offer and a potential price adjustment has been made. In the event of a cancellation of the order by the Buyer, accepted by the Seller, any deposit paid upon ordering shall be automatically acquired by the Seller and shall not be subject to any refund. If no deposit has been paid upon ordering, an amount corresponding to the total costs incurred by the Seller at the date of receipt of the cancellation notice shall be invoiced to the Buyer, as damages, in compensation for the loss thus incurred.

4. PACKAGING.

The prices mentioned in the contract include the packaging or other necessary means of protection to avoid damage to the Product under normal transport conditions for the duration and to the stated destination in the contract.

5. DELIVERY - DELAYS.

5.1 Unless otherwise agreed with the Buyer, delivery of the Products shall be in accordance with the Incoterm FCA, NEXAM Premises at Andrézieux-Bouthéon (42) or Grisolles (82) - FRANCE (ICC 2020).

5.2 The delays mentioned or agreed upon with the Buyer are purely indicative. Partial or delayed deliveries cannot justify an order's cancellation nor hold the seller responsible, especially if the delay or default in delivery causes any form of damage, whether actual, potentially indirect, or imputable indirect.

6. PRODUCT'S QUANTITY.

The buyer is asked to accept a delivery of 10 % more or less of the quantity demanded.

7 BUYER'S PRODUCT CONTROL.

All the Products are made according to the rules of the art. All controls, tests, and specific inspections requested by the Buyer will be at their expense. The Buyer must notify the Seller, in writing within 8 days of receipt in detail and fully explain, of any claims due to an eventual shortcoming or unacceptable quality. The Buyer is obligated to use all possible means at their disposal to certify the alleged shortcomings of the Seller's obligations at the moment of receiving the sold Products. The Buyer commits to returning the Products at their own cost and risk to the Seller for examination. The Buyer accepts that the Products could be returned at their cost and risk after being examined and possibly remedied or replaced by the Seller.

Failure to notify the Seller of any non-conformity within the specified time period shall be deemed acceptance of the Products as conforming to the contract.

8. WARRANTY

The Products are guaranteed against any kind of shortcomings resulting from material, fabrication, or design faults mentioned in the conditions below. For 12 months for parts and labor starting from the effective, delayed, or, if applicable, exact delivery date, if the parties expressly mention this form of reception. The shortcoming is only guaranteed when the usage is appropriate, and the maintenance is normal. The guarantee is excluded :

- if the product was repaired or modified by the buyer or by third parties chosen by the buyer;
- if the defect is the result of the buyer's negligence or recklessness;
- if the defect is the result of force majeure or an external event.

Once a guaranteed shortcoming is identified by the buyer, it is up to the buyer to send their claim to the seller with a letter that acknowledges receipt within a time limit of 15 days from the fault's appearance. This claim must be accompanied by a detailed description of the fault's nature. The seller must, at its option, repair or replace all parts that are recognized to be defective under the guarantee free of charge and within a certain time limit by their maintenance services, to the exclusion of any indemnity or damages. The Buyer shall bear all logistics costs incurred for the shipment and reshipment of the Products.

9. COMPLIANCE - LIABILITY.

9.1 The Products sold to the Buyer comply with French standards and regulations. Compliance with local regulations in the Buyer's country, as well as any product registration or other authorizations, shall be the sole responsibility of the Buyer, who shall bear any additional costs and expenses associated with such procedures and compliance with local regulations.

9.2 In the event of damages arising from the performance of the contract or any failure thereof, in whole or in part, due to the Seller, the Seller shall in no event be liable for any indirect damages, such as loss of profits, loss of production, loss of business, loss of opportunity, or loss of goodwill. In the event of any direct damages, the Seller's liability shall not exceed 30% of the unit price of the product. Consequently, no claim for damages for any loss suffered by the Buyer shall be admissible beyond this limit. In any event, the Seller's liability shall be excluded where the damages suffered by the Buyer are caused by the fault, negligence, failure to perform, delay in performance, or act of the Buyer, or by a force majeure event.

10. PRICES.

The fixed and defined prices are decided at the moment of the order or a specific contract. The prices are exclusive of VAT and are underlined in accordance with the Incoterm agreed upon with the Buyer. These prices cannot be subject to any revisions until the delivery and/or the invoice has been received unless there is a specific reference made to a common agreement between the parties.

11. PAYMENT.

Payment is an essential obligation of the contract.

11.1 Unless otherwise agreed with the Buyer :

- The payment term is 30 days from the date of the invoice.
- The payment currency is the Euro (€),

And the method of payment is: by a transfer.

The minimum order amount is fixed at €80 HT (eighty euros).

11.2 Any delay or failure to pay shall automatically and without formality result in the application of : - Late payment penalties equal to three times the legal interest rate, - and a fixed indemnity for recovery costs of €40 it being understood that the Seller may claim additional compensation from the Buyer upon proof if it has incurred recovery costs exceeding this fixed amount.

Any failure to pay at maturity shall also result in the forfeiture of the term and shall make all of Seller's claims immediately due and payable. In addition, the Seller shall have the right to request payment of the price or part of the price before any future shipment of the Products and/or to suspend or cancel all outstanding orders, until full payment of the sums due has been made.

12. TRANSFER OF PROPERTY.

As a substantial and determining condition of the present contract, the Seller reserves the property of the delivered Products until full payment of the contract price, principal and accessories, is received. The Buyer must immediately inform the Seller, as the Products owner, of any third-party seizure of the delivered Products. If the Seller's property disappears as a result of resale or any other reason, the debts towards third parties provided by the resale are transferred back to the Seller, even if no particular agreement intervenes. If the Buyer suspends payments, they cannot dispose of the sold Products as their own property. If the Buyer does not make payments according to the agreed modalities, the Seller can demand the Products return without losing other rights related to this contract. The recovery of Products does not annul the sales contract, except if there is a written clause stating otherwise. In the case of Products recovery by the Seller to non-payment, any earlier payment made by the Buyer can be regarded by the Seller as damages for the suffered detriment.

13. TRANSFER OF RISKS.

The terms of risk transfer to the Buyer will be defined according to the Incoterm agreed upon with the Buyer.

14. FORCE MAJEURE.

Neither the seller nor the buyer can be held responsible for any delay or failure in fulfilling their obligations if this delay or failure is the result of a force majeure as defined under French law. Are considered force majeure events, this list being non-exhaustive : explosions, incidents, destruction of machinery, factories and equipment, natural disasters, acts by governmental authorities (e.g., refusal or cancellation of a license), wars or acts of war, flooding, riots, or social conflicts

The party facing these circumstances must immediately inform the other party by email, mail or any other written form of the occurrence and potential end of these circumstances. In the absence of such information, the concerned party cannot claim force majeure, unless the circumstances also prevent any communication. When a force majeure event occurs as defined above, the time for the contract's execution is extended for a period corresponding to the duration of the event, without any payment of damages, interest, or penalties for the delay. However, if the above-mentioned circumstances persist for a period of 90 days, either party can annul the contract without any payment of damages or interest.

15. HARDSHIP

If, after the contract's conclusion, any circumstances of any kind (eventually of an economic or political nature, or notably any legislative, technical, or statutory changes) which were unforeseeable for the parties at the time of the contract's conclusion and which are not under their control, result in a disturbance of the contract's economic balance between the parties and render the contract's execution burdensome for one party, 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 occurrence of an event justifying a demand to readapt the contract does not exempt the party from continuing to fulfill its obligations nor result in a postponement of its obligations. The negotiations take place over a maximum period of 2 months starting from the first request addressed by one party to the other, unless there is a different agreement between the parties. If the parties do not reach an agreement within this period, the party invoking this clause can terminate the contract without prejudice to the right of the other party to resort to the provisions of the Disputes clause of this General Conditions. The aforementioned provisions on hardship exclude cases of force majeure.

16. INTELLECTUAL PROPERTY RIGHTS - CONFIDENTIALITY

16.1 All plans, estimates and quotations shall remain the exclusive property of the Seller ; they must be returned to the Seller if not followed by an order. Their communication to other companies or any third party is prohibited. Names and trademarks followed by the symbols ®, ©, and ™ mentioned in the catalogs and other materials are the property of their respective owners.

16.2 The Buyer undertakes not to disclose any confidential information originating from the Seller and which may come to its knowledge in connection with the execution of the order, including all data, all documents of any kind, whether technical or commercial, communicated by the Seller.

17. TERMINATION.

In the event of a breach by either party, the non-breaching party may terminate this contract upon written notice to the breaching party if the breach is not cured within thirty (30) days of such notice. Such termination shall be without prejudice to any other rights or remedies available to the non-breaching party.

18. PERSONNAL DATA.

18.1 Personal Data Collected and Processed for Contract Performance

The parties undertake to collect and process any Personal Data in compliance with all applicable French and European regulations concerning the processing of such personal data.

The purpose of the processing carried out by the Seller is to perform all operations relating to the management of the Buyer and the processing of the order for the purpose of performing the contract.

18.2 Rights of Data Subjects

Buyers have the right to access, rectify, erase, restrict, and port their Personal Data, and to object to the processing thereof. To exercise this right, a written notification must be sent by mail to Seller's registered office address or by email to request@nexam.aero

18.3 Data Retention Period

The Seller undertakes not to retain personal data beyond the duration of the contract.

18.4 Data Transfers Outside the EU and Subcontracting

In the event of a transfer of personal data outside the European Union, the Seller undertakes to ensure an adequate level of protection for the data.

In the event of subcontracting, the Seller undertakes to use a subcontractor who provides sufficient and appropriate guarantees with regard to data security in accordance with applicable regulations.

19. DISPUTES

ALL DISPUTES ARISING OUT OF OR IN CONNECTION WITH THIS PRESENT CONTRACT SHALL BE SUBMITTED TO THE EXCLUSIVE JURISDICTION OF THE COMMERCIAL COURT OF SAINT-ETIENNE, FRANCE. THIS CHOICE OF COURT SHALL APPLY REGARDLESS OF THE PLACE WHERE THIS CONTRACT IS PERFORMED OR THE NUMBER OF DEFENDANTS.

20. APPLICABLE LAW.

These General Conditions, as well as all contractual operations referred to herein, are governed by French law, to the exclusion of any other law.

21. LANGUAGE.

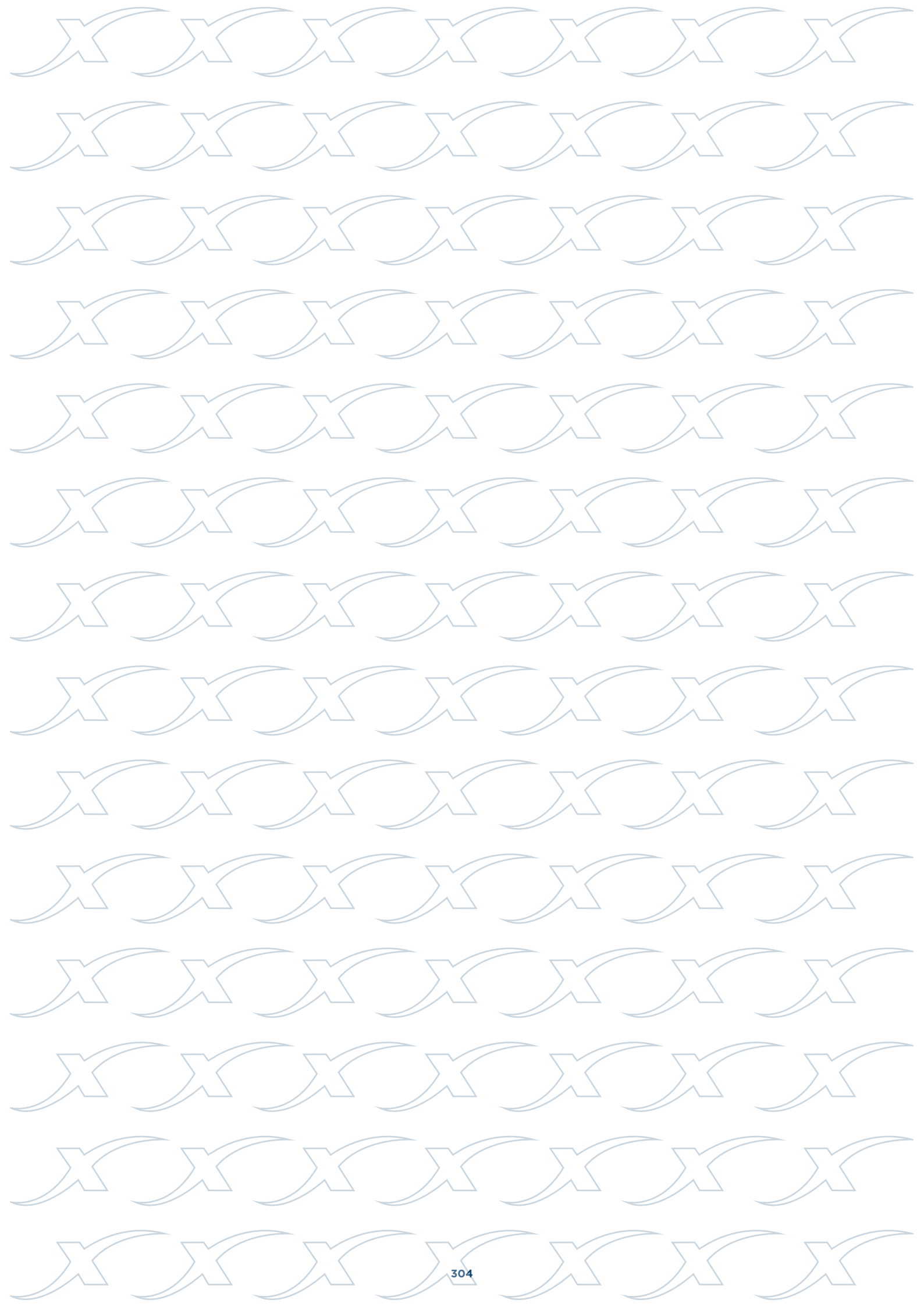
The official language of the General Conditions (drafting and interpretation) is French. In case of any contradiction in the translation, only the French version will be used as the basis for interpretation.

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