



REDRESSEURS CARBURE MONOBLOC

AVANT LE PASSAGE DES ALESOIRS

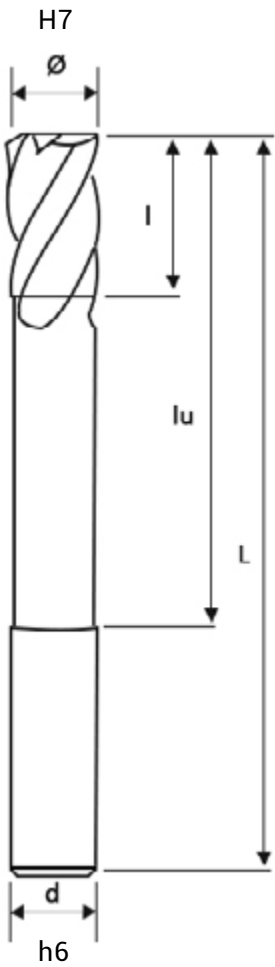
Conservent une surépaisseur régulière et réalignent les trous dans les pièces brutes de fonderie et pièces trempées

- Solid carbide short rectifiers before reaming for tempered parts and raw castings
- Rectificadores MD integral antes del escariado para piezas templadas y fundidas en bruto
- Raddrizzatori MD integrale prima dell'alesatura per parti temprate e fusioni grezze
- VHM kurze Gleichrichter vor dem Reiben für gehärtete Teile und Rohguss



Ø	d	L	l	lu	Z
3.7 → 4.1	4	75	12	45	3
4.2 → 4.6	4	80	12	52	3
4.7 → 5.1	5	86	16	56	3
5.2 → 5.6	5	86	16	56	3
5.7 → 6.1	6	86	16	56	3
6.2 → 6.6	6	86	16	56	3
6.7 → 7.1	8	86	16	56	3
7.2 → 7.6	8	86	16	56	3
7.7 → 8.1	8	86	16	56	3
8.2 → 8.6	8	90	20	60	3
8.7 → 9.1	10	90	20	60	3
9.2 → 9.6	10	90	20	60	3
9.7 → 10.1	10	90	20	60	3
10.2 → 10.6	10	90	20	60	3
10.7 → 11.1	10	90	20	60	3
11.2 → 11.6	12	90	20	60	3
11.7 → 12.1	12	90	20	60	3
12.2 → 12.6	12	100	25	70	3
12.7 → 13.1	12	100	25	70	3

Ex. ref. Ø3.8 = RDC730-003.800





ALESOIRS MACHINE CARBURE MONOBLOC DIN 212 HELICE A GAUCHE

Pour trous débouchants



Solid carbide machine reamers DIN 212 - Left hand helix for through holes



Escariadores MD integral DIN 212 - Hélice a izquierda para agujeros pasantes



Alesatori MD integrale DIN 212 - Spirale sinistra per fori passanti

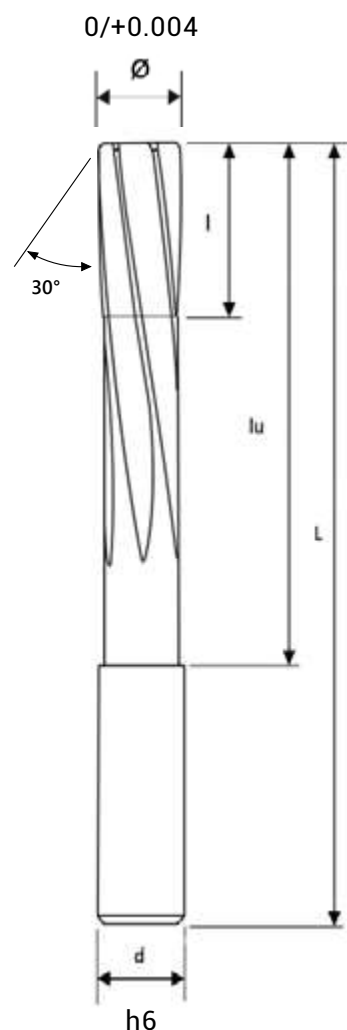


VHM Maschinenreibahlen DIN 212 - Linksspiralgenutet für Durchgangsloch



Ø	d	L	l	lu	Z
1.480 → 5.250	= ref. ALC740 page 36				
5.255 → 5.800	6	93	26	58	6
5.805 → 6.700	6	101	28	65	6
6.705 → 7.500	8	109	31	73	6
7.505 → 8.500	8	117	33	81	6
8.505 → 9.500	10	125	36	85	6
9.505 → 10.600	10	133	38	93	6
10.605 → 11.800	10	142	41	102	6
11.805 → 13.200	12	151	44	111	6
13.205 → 14.050	14	160	47	115	6
14.055 → 15.050	14	162	50	117	6
15.055 → 16.050	16	170	52	117	6
16.055 → 17.050	16	175	54	130	6
17.055 → 18.050	16	182	56	137	6
18.055 → 18.750	20	189	58	141	6
18.755 → 19.050	20	189	58	141	6
19.055 → 20.050	20	195	60	147	6

Ex. ref. Ø5.265 = ALC742-005.265



ALC 740

ALESOIRS MACHINE CARBURE MONOBLOC COURTS HELICE A GAUCHE

Pour trous débouchants



Solid carbide short machine reamers - Left hand helix for through holes



Escariadores cortos MD integral - Hélice a izquierda para agujeros pasantes



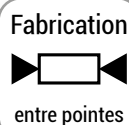
Alesatori corti MD integrale - Spirale sinistra per fori passanti



VHM kurze Maschinenreibahlen - Linksspiralgenutet für Durchgangsloch



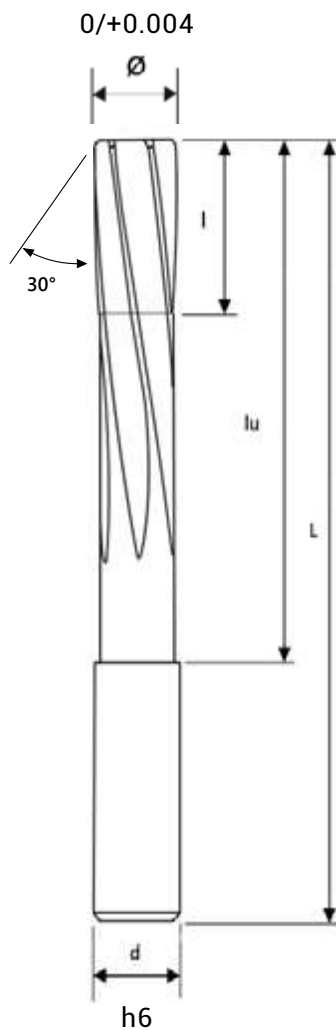
SOLID
WC



5/1000
mm

Ø	d	L	l	lu	Z
1.480 → 2.250	2	49	10	30	3
2.255 → 2.750	2.5	57	12	32	3
2.755 → 3.250	3	61	12	36	4
3.255 → 3.750	3.5	70	12	42	4
3.755 → 4.250	4	75	12	47	4
4.255 → 4.750	4	80	12	52	4
4.755 → 5.250	5	86	16	56	4
5.255 → 5.750	5	86	16	56	4
5.755 → 6.250	6	86	16	56	4
6.255 → 6.750	6	86	16	56	6
6.755 → 7.250	8	86	16	56	6
7.255 → 7.750	8	86	16	56	6
7.755 → 8.250	8	86	16	56	6
8.255 → 8.750	8	90	20	60	6
8.755 → 9.250	10	90	20	60	6
9.255 → 9.750	10	90	20	60	6
9.755 → 10.250	10	90	20	60	6
10.255 → 10.750	10	90	20	60	6
10.755 → 11.250	12	95	20	60	6
11.255 → 11.750	12	95	20	60	6
11.755 → 12.250	12	95	20	60	6
12.255 → 12.750	12	105	25	70	6
12.755 → 13.250	14	105	25	70	6
13.255 → 13.750	14	115	25	80	6
13.755 → 14.250	14	115	25	80	6
14.255 → 14.750	14	120	30	85	6
14.755 → 15.250	16	130	30	85	6
15.255 → 15.750	16	130	30	85	6
15.755 → 16.250	16	130	30	85	6
16.255 → 16.750	16	140	30	95	6
16.755 → 17.250	18	140	30	95	6
17.255 → 17.750	18	140	30	95	6
17.755 → 18.250	18	140	30	95	6
18.255 → 18.750	18	140	30	95	6
18.755 → 19.250	20	140	30	95	6
19.255 → 19.750	20	140	30	95	6
19.755 → 20.250	20	140	30	95	6

Ex. ref. Ø1.48 = ALC740-001.480



ALC 750

ALESOIRS MACHINE CARBURE MONOBLOC COURTS TAILLE DROITE

Pour trous borgnes



Solid carbide short machine reamers - Straight flutes for blind holes



Escariadores cortos MD integral - Labios rectos para agujeros ciegos



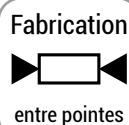
Alesatori corti MD integrale - Taglienti diritti per fori ciechi



VHM kurze Maschinenreibahlen - Geradegenutet für Sackloch



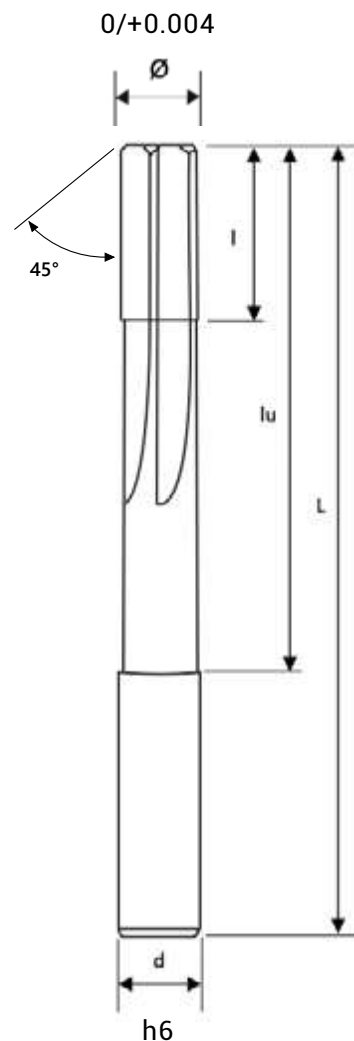
**SOLID
WC**



**5/1000
mm**

Ø	d	L	l	lu	Z
1.480 → 2.250	2	49	10	30	3
2.255 → 2.750	2.5	57	12	32	3
2.755 → 3.250	3	61	12	36	4
3.255 → 3.750	3.5	70	12	42	4
3.755 → 4.250	4	75	12	47	4
4.255 → 4.750	4	80	12	52	4
4.755 → 5.250	5	86	16	56	4
5.255 → 5.750	5	86	16	56	4
5.755 → 6.250	6	86	16	56	4
6.255 → 6.750	6	86	16	56	6
6.755 → 7.250	8	86	16	56	6
7.255 → 7.750	8	86	16	56	6
7.755 → 8.250	8	86	16	56	6
8.255 → 8.750	8	90	20	60	6
8.755 → 9.250	10	90	20	60	6
9.255 → 9.750	10	90	20	60	6
9.755 → 10.250	10	90	20	60	6
10.255 → 10.750	10	90	20	60	6
10.755 → 11.250	12	95	20	60	6
11.255 → 11.750	12	95	20	60	6
11.755 → 12.250	12	95	20	60	6
12.255 → 12.750	12	105	25	70	6
12.755 → 13.250	14	105	25	70	6
13.255 → 13.750	14	115	25	80	6
13.755 → 14.250	14	115	25	80	6
14.255 → 14.750	14	120	30	85	6
14.755 → 15.250	16	130	30	85	6
15.255 → 15.750	16	130	30	85	6
15.755 → 16.250	16	130	30	85	6
16.255 → 16.750	16	140	30	95	6
16.755 → 17.250	18	140	30	95	6
17.255 → 17.750	18	140	30	95	6
17.755 → 18.250	18	140	30	95	6
18.255 → 18.750	18	140	30	95	6
18.755 → 19.250	20	140	30	95	6
19.255 → 19.750	20	140	30	95	6
19.755 → 20.250	20	140	30	95	6

Ex. ref. Ø1.48 = ALC750-001.480



ALC 774

ALESOIRS MACHINE CARBURE MONOBLOC LONGS HELICE A GAUCHE

Pour trous débouchants



Solid carbide long machine reamers - Left hand helix for through holes



Escariadores largos MD integral - Hélice a izquierda para agujeros pasantes



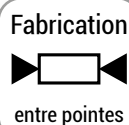
Alesatori lunghi MD integrale - Spirale sinistra per fori passanti



VHM lange Maschinenreibahlen - Linksspiralgenutzt für Durchgangsloch

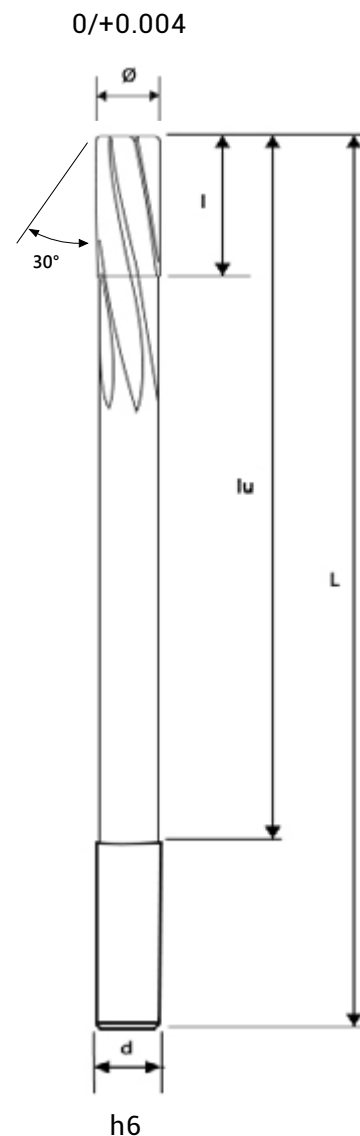


**SOLID
WC**



Ø	+ Ø	d	L	l	lu	Z
2.76 → 3.25	3.005	3	95	12	70	4
3.26 → 3.75	3.505	4	95	12	70	4
3.76 → 4.25	4.005	4	105	16	80	4
4.26 → 4.75	4.505	4	105	16	80	4
4.76 → 5.25	5.005	5	115	30	90	4
5.26 → 5.75	5.505	5	115	30	90	4
5.76 → 6.25	6.005	6	130	30	100	4
6.26 → 6.75	6.505	6	130	30	100	6
6.76 → 7.25	7.005	8	140	30	110	6
7.26 → 7.75	7.505	8	140	30	110	6
7.76 → 8.25	8.005	8	160	30	130	6
8.26 → 8.75	8.505	8	160	30	130	6
8.76 → 9.25	9.005	10	160	30	130	6
9.26 → 9.75	9.505	10	160	30	130	6
9.76 → 10.25	10.005	10	190	30	150	6
10.26 → 10.75		10	190	30	150	6
10.76 → 11.25		12	190	30	150	6
11.26 → 11.75		12	190	30	150	6
11.76 → 12.25		12	220	35	170	6
12.26 → 12.75		12	220	35	170	6
12.76 → 13.25		14	220	35	170	6
13.26 → 13.75		14	220	35	170	6
13.76 → 14.25		14	220	35	170	6
14.26 → 14.75		14	220	35	170	6
14.76 → 15.25		16	220	35	170	6
15.26 → 15.75		16	220	35	170	6
15.76 → 16.25		16	230	40	180	6
16.26 → 16.75		16	230	40	180	6
16.76 → 17.25		18	230	40	180	6
17.26 → 17.75		18	230	40	180	6
17.76 → 18.25		18	230	40	180	6
18.26 → 18.75		18	230	40	180	6
18.76 → 19.25		20	230	40	180	6
19.26 → 19.75		20	230	40	180	6
19.76 → 20.25		20	230	40	180	6

Ex. ref. Ø3.76 = ALC774-003.760





ALESOIRS MACHINE CARBURE MONOBLOC LONGS TAILLE DROITE

Pour trous borgnes



Solid carbide long machine reamers - Straight flutes for blind holes



Escariadores largos MD integral - Labios rectos para agujeros ciegos



Alesatori lunghi MD integrale - Taglienti diritti per fori ciechi

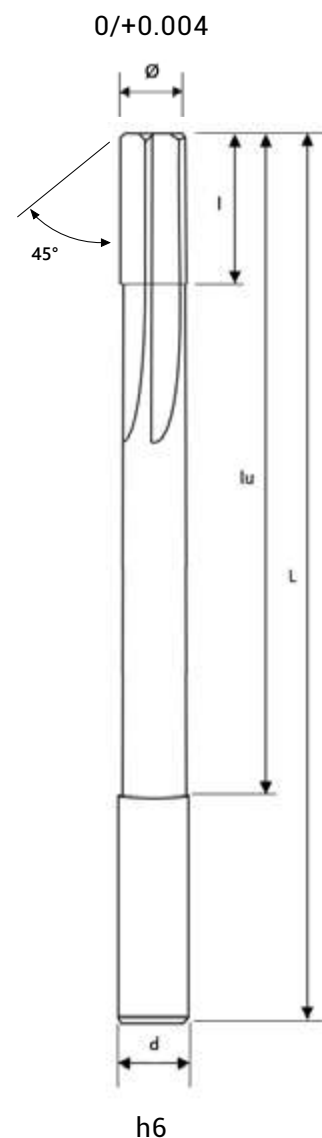


VHM lange Maschinenreibahlen - Geradenutet für Sackloch



Ø	+ Ø	d	L	l	lu	Z
2.76 → 3.25	3.005	3	95	12	70	4
3.26 → 3.75	3.505	4	95	12	70	4
3.76 → 4.25	4.005	4	105	16	80	4
4.26 → 4.75	4.505	4	105	16	80	4
4.76 → 5.25	5.005	5	115	30	90	4
5.26 → 5.75	5.505	5	115	30	90	4
5.76 → 6.25	6.005	6	130	30	100	4
6.26 → 6.75	6.505	6	130	30	100	6
6.76 → 7.25	7.005	8	140	30	110	6
7.26 → 7.75	7.505	8	140	30	110	6
7.76 → 8.25	8.005	8	160	30	130	6
8.26 → 8.75	8.505	8	160	30	130	6
8.76 → 9.25	9.005	10	160	30	130	6
9.26 → 9.75	9.505	10	160	30	130	6
9.76 → 10.25	10.005	10	190	30	150	6
10.26 → 10.75		10	190	30	150	6
10.76 → 11.25		12	190	30	150	6
11.26 → 11.75		12	190	30	150	6
11.76 → 12.25		12	220	35	170	6
12.26 → 12.75		12	220	35	170	6
12.76 → 13.25		14	220	35	170	6
13.26 → 13.75		14	220	35	170	6
13.76 → 14.25		14	220	35	170	6
14.26 → 14.75		14	220	35	170	6
14.76 → 15.25		16	220	35	170	6
15.26 → 15.75		16	220	35	170	6
15.76 → 16.25		16	230	40	180	6
16.26 → 16.75		16	230	40	180	6
16.76 → 17.25		18	230	40	180	6
17.26 → 17.75		18	230	40	180	6
17.76 → 18.25		18	230	40	180	6
18.26 → 18.75		18	230	40	180	6
18.76 → 19.25		20	230	40	180	6
19.26 → 19.75		20	230	40	180	6
19.76 → 20.25		20	230	40	180	6

Ex. ref. Ø3.76 = ALC775-003.760



FOC
ALC
ALB-E-H
FTC
FRC
EVC-H
LRC
EBC
COF
XTRA
info

ALC
700
770

ALESOIRS MACHINE CARBURE MONOBLOC TOLERANCE H7

Série courte et longue

REEMPLACEMENT DES REFERENCES ALC700 ET ALC770

Voir ref. ALC740 et ALC774 à la place.

En effet, les diamètres en H7 correspondent tous à l'une des cotes de nos références standards ALC740 et ALC774. Pour vous aider à identifier le diamètre d'alésoir dont vous avez besoin, vous pouvez utiliser au choix :

- Le tableau de tolérances présent aux pages 154 et 155 de ce catalogue, en faisant le calcul par vous-mêmes ;
- Notre application dédiée aux calculs automatiques des tolérances (le Toléranceur™), téléchargeable gratuitement sur notre site web ;
- En nous contactant par téléphone ou par email directement.

Standard ref. ALC700 and ALC770 (H7 tolerance) do not exist anymore.

Please see ref. ALC740 et ALC774 instead. Indeed, the tolerance H7 matches with our standard diameters by 5 microns. In order to find the standard reamer diameter you need, you can :

- *Use the Tolerance Table on pages 154-155 of this catalogue and calculate by yourself ;*
- *Use our Excel app to calculate automatically (the Toléranceur™), downloadable on our website ;*
- *Contact us directly by email.*

Calculez automatiquement grâce à notre application Excel gratuite : le **Toléranceur™** !

*Use our free Excel app «**Toléranceur™**» to calculate automatically !*



ALC 144

ALESOIRS MACHINE CARBURE MONOBLOC COURTS HELICE A GAUCHE

Pour trous débouchants

Lubrification interne latérale = 1 trou d'huile dans chaque dent !



Solid carbide short machine reamers - Left hand helix for through holes - Lateral lubrication in each flute



Escariadores cortos MD integral - Hélice a izquierda para agujeros pasantes - Refrigeración lateral en todos los labios



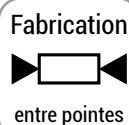
Alesatori corti MD integrale - Spirale sinistra per fori passanti - Lubrificazione radiale in ogni tagliente



VHM kurze Maschinenreibahlen - Linksspiralgenutzt für Durchgangsloch - Mit Innenkühlung in allen Zähnen

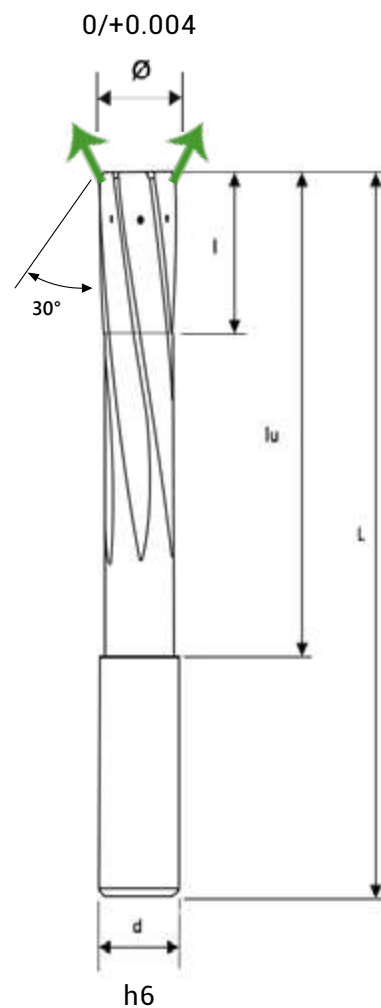


**SOLID
WC**



**5/1000
mm**

Ø	d	L	l	lu	Z
3.760 → 4.250	6	75	12	47	4
4.255 → 4.750	6	80	12	52	4
4.755 → 5.250	6	86	16	56	4
5.255 → 5.750	6	86	16	56	4
5.755 → 6.250	6	86	16	56	4
6.255 → 6.750	8	86	16	56	4
6.755 → 7.250	8	86	16	56	6
7.255 → 7.750	8	86	16	56	6
7.755 → 8.250	8	86	16	56	6
8.255 → 8.750	10	92	20	60	6
8.755 → 9.250	10	92	20	60	6
9.255 → 9.750	10	92	20	60	6
9.755 → 10.250	10	92	20	60	6
10.255 → 10.750	12	95	20	60	6
10.755 → 11.250	12	95	20	60	6
11.255 → 11.750	12	95	20	60	6
11.755 → 12.250	12	95	20	60	6
12.255 → 12.750	14	115	25	80	6
12.755 → 13.250	14	115	25	80	6
13.255 → 13.750	14	115	25	80	6
13.755 → 14.250	14	115	25	80	6
14.255 → 14.750	16	130	30	85	6
14.755 → 15.250	16	130	30	85	6
15.255 → 15.750	16	130	30	85	6
15.755 → 16.250	16	130	30	85	6
16.255 → 16.750	18	140	30	95	6
16.755 → 17.250	18	140	30	95	6
17.255 → 17.750	18	140	30	95	6
17.755 → 18.250	18	140	30	95	6
18.255 → 18.750	20	140	30	95	6
18.755 → 19.250	20	140	30	95	6
19.255 → 19.750	20	140	30	95	6
19.755 → 20.250	20	140	30	95	6



Ex. ref. Ø3.76 = ALC144-003.760

ALC 154

ALESOIRS MACHINE CARBURE MONOBLOC COURTS TAILLE DROITE

Pour trous borgnes

Lubrification interne latérale = 1 trou d'huile dans chaque dent !



Solid carbide short machine reamers - Straight flutes for blind holes - Lateral lubrication in each flute



Escariadores cortos MD integral - Labios rectos para agujeros ciegos - Refrigeración lateral en todos los labios



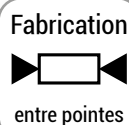
Alesatori corti MD integrale - Taglienti diritti per fori ciechi - Lubrificazione radiale in ogni tagliente



VHM kurze Maschinenreibahlen - Geradegenutet für Sackloch - Mit Innenkühlung in allen Zähnen

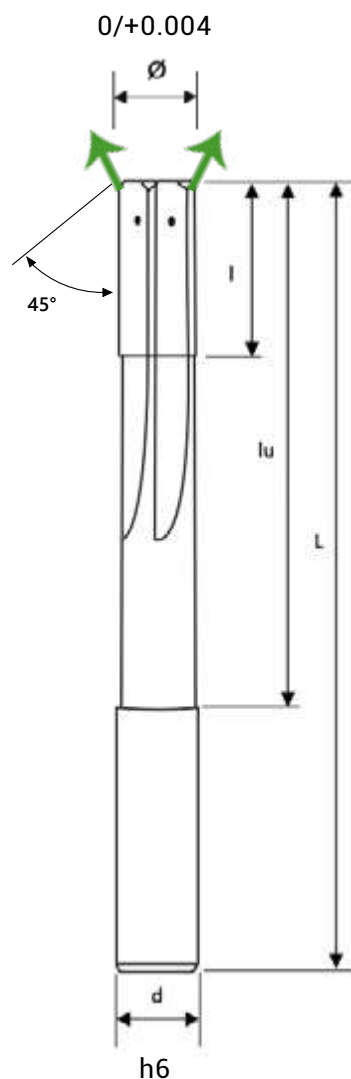


**SOLID
WC**



**5/1000
mm**

Ø	d	L	l	lu	Z
3.760 → 4.250	6	75	12	47	4
4.255 → 4.750	6	80	12	52	4
4.755 → 5.250	6	86	16	56	4
5.255 → 5.750	6	86	16	56	4
5.755 → 6.250	6	86	16	56	4
6.255 → 6.750	8	86	16	56	4
6.755 → 7.250	8	86	16	56	6
7.255 → 7.750	8	86	16	56	6
7.755 → 8.250	8	86	16	56	6
8.255 → 8.750	10	92	20	60	6
8.755 → 9.250	10	92	20	60	6
9.255 → 9.750	10	92	20	60	6
9.755 → 10.250	10	92	20	60	6
10.255 → 10.750	12	95	20	60	6
10.755 → 11.250	12	95	20	60	6
11.255 → 11.750	12	95	20	60	6
11.755 → 12.250	12	95	20	60	6
12.255 → 12.750	14	115	25	80	6
12.755 → 13.250	14	115	25	80	6
13.255 → 13.750	14	115	25	80	6
13.755 → 14.250	14	115	25	80	6
14.255 → 14.750	16	130	30	85	6
14.755 → 15.250	16	130	30	85	6
15.255 → 15.750	16	130	30	85	6
15.755 → 16.250	16	130	30	85	6
16.255 → 16.750	18	140	30	95	6
16.755 → 17.250	18	140	30	95	6
17.255 → 17.750	18	140	30	95	6
17.755 → 18.250	18	140	30	95	6
18.255 → 18.750	20	140	30	95	6
18.755 → 19.250	20	140	30	95	6
19.255 → 19.750	20	140	30	95	6
19.755 → 20.250	20	140	30	95	6



Ex. ref. Ø3.76 = ALC154-003.760

ALC 174

ALESOIRS MACHINE CARBURE MONOBLOC LONGS HELICE A GAUCHE

Pour trous débouchants

Lubrification interne latérale = 1 trou d'huile dans chaque dent !



Solid carbide long machine reamers - Left hand helix for through holes - Lateral lubrication in each flute



Escariadores largos MD integral - Hélice a izquierda para agujeros pasantes - Refrigeración lateral en todos los labios



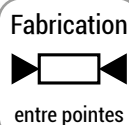
Alesatori lunghi MD integrale - Spirale sinistra per fori passanti - Lubrificazione radiale in ogni tagliente



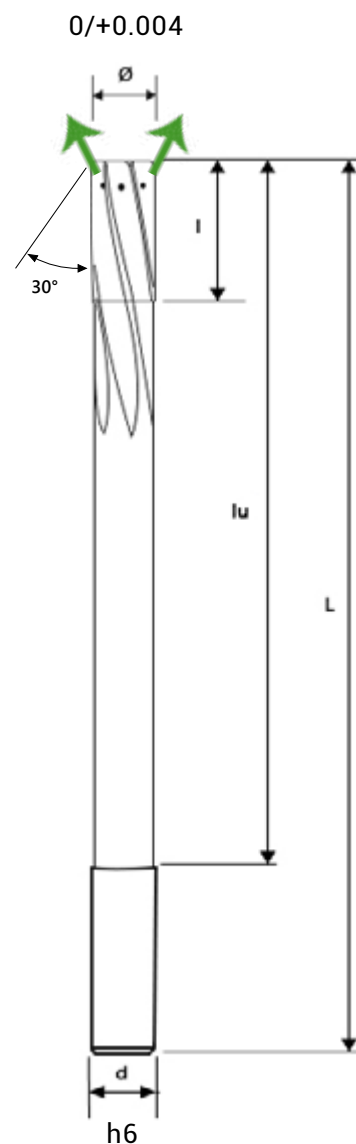
VHM lange Maschinenreibahlen - Linksspiralgenutzt für Durchgangsloch - Mit Innenkühlung in allen Zähnen



**SOLID
WC**



Ø	+ Ø	d	L	l	lu	Z
3.76 → 4.25	4.005	6	105	16	75	4
4.26 → 4.75	4.505	6	105	16	75	4
4.76 → 5.25	5.005	6	115	30	85	4
5.26 → 5.75	5.505	6	115	30	85	4
5.76 → 6.25	6.005	6	130	30	95	4
6.26 → 6.75	6.505	6	130	30	95	4
6.76 → 7.25	7.005	8	140	30	105	6
7.26 → 7.75	7.505	8	140	30	105	6
7.76 → 8.25	8.005	8	160	30	125	6
8.26 → 8.75	8.505	8	160	30	125	6
8.76 → 9.25	9.005	10	165	30	125	6
9.26 → 9.75	9.505	10	165	30	125	6
9.76 → 10.25	10.005	10	190	30	150	6
10.26 → 10.75		10	190	30	150	6
10.76 → 11.25		12	195	30	150	6
11.26 → 11.75		12	195	30	150	6
11.76 → 12.25		12	220	35	170	6
12.26 → 12.75		12	220	35	170	6
12.76 → 13.25		14	220	35	170	6
13.26 → 13.75		14	220	35	170	6
13.76 → 14.25		14	220	35	170	6
14.26 → 14.75		14	220	35	170	6
14.76 → 15.25		16	220	35	170	6
15.26 → 15.75		16	220	35	170	6
15.76 → 16.25		16	230	40	180	6
16.26 → 16.75		16	230	40	180	6
16.76 → 17.25		18	230	40	180	6
17.26 → 17.75		18	230	40	180	6
17.76 → 18.25		18	230	40	180	6
18.26 → 18.75		18	230	40	180	6
18.76 → 19.25		20	230	40	180	6
19.26 → 19.75		20	230	40	180	6
19.76 → 20.25		20	230	40	180	6



Ex. ref. Ø3.76 = ALC174-003.760

ALC 175

ALESOIRS MACHINE CARBURE MONOBLOC LONGS TAILLE DROITE

Pour trous borgnes

Lubrification interne latérale = 1 trou d'huile dans chaque dent !



Solid carbide long machine reamers - Straight flutes for blind holes - Lateral lubrication in each flute



Escariadores largos MD integral - Labios rectos para agujeros ciegos - Refrigeración lateral en todos los labios



Alesatori lunghi MD integrale - Taglienti diritti per fori ciechi - Lubrificazione radiale in ogni tagliente

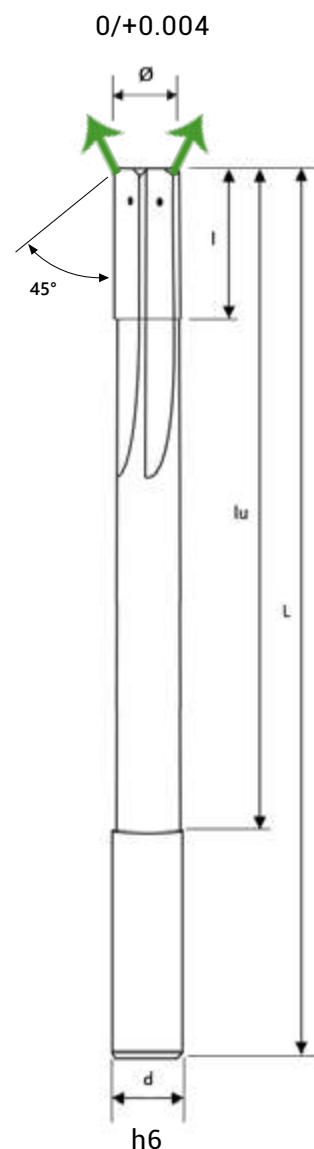


VHM lange Maschinenreihahlen - Geradegenutet für Sackloch - Mit Innenkühlung in allen Zähnen



Ø	+ Ø	d	L	l	lu	Z
3.76 → 4.25	4.005	6	105	16	75	4
4.26 → 4.75	4.505	6	105	16	75	4
4.76 → 5.25	5.005	6	115	30	85	4
5.26 → 5.75	5.505	6	115	30	85	4
5.76 → 6.25	6.005	6	130	30	95	4
6.26 → 6.75	6.505	6	130	30	95	4
6.76 → 7.25	7.005	8	140	30	105	6
7.26 → 7.75	7.505	8	140	30	105	6
7.76 → 8.25	8.005	8	160	30	125	6
8.26 → 8.75	8.505	8	160	30	125	6
8.76 → 9.25	9.005	10	165	30	125	6
9.26 → 9.75	9.505	10	165	30	125	6
9.76 → 10.25	10.005	10	190	30	150	6
10.26 → 10.75		10	190	30	150	6
10.76 → 11.25		12	195	30	150	6
11.26 → 11.75		12	195	30	150	6
11.76 → 12.25		12	220	35	170	6
12.26 → 12.75		12	220	35	170	6
12.76 → 13.25		14	220	35	170	6
13.26 → 13.75		14	220	35	170	6
13.76 → 14.25		14	220	35	170	6
14.26 → 14.75		14	220	35	170	6
14.76 → 15.25		16	220	35	170	6
15.26 → 15.75		16	220	35	170	6
15.76 → 16.25		16	230	40	180	6
16.26 → 16.75		16	230	40	180	6
16.76 → 17.25		18	230	40	180	6
17.26 → 17.75		18	230	40	180	6
17.76 → 18.25		18	230	40	180	6
18.26 → 18.75		18	230	40	180	6
18.76 → 19.25		20	230	40	180	6
19.26 → 19.75		20	230	40	180	6
19.76 → 20.25		20	230	40	180	6

Ex. ref. Ø3.76 = ALC175-003.760



ALC 114

ALESOIRS MACHINE CARBURE MONOBLOC COURTS TAILLE DROITE

Pour trous borgnes
Lubrification interne centrale



Solid carbide short machine reamers - Straight flutes for blind holes - Central lubrication



Escariadores cortos MD integral - Labios rectos para agujeros ciegos - Refrigeración central



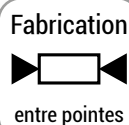
Alesatori corti MD integrale - Taglienti diritti per fori ciechi - Lubrificazione centrale



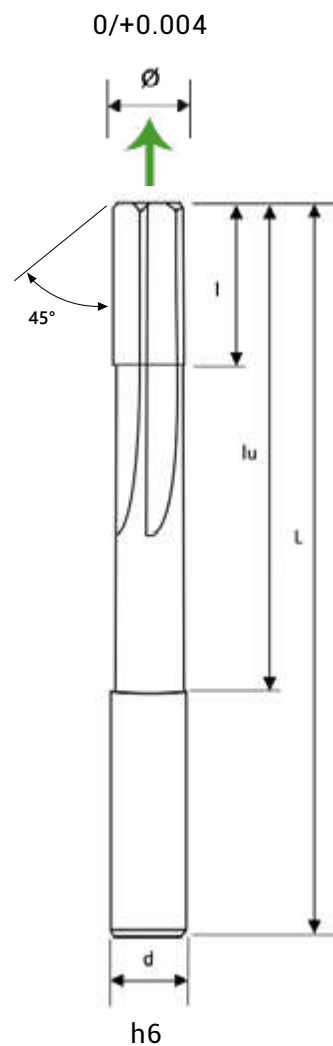
VHM kurze Maschinenreibahlen - Geradenutet für Sackloch - Mit zentraler Innenkühlung



SOLID
WC



Ø	+ Ø	d	L	l	lu	Z
3.61 → 4.10	4.005	6	80	15	55	4
4.11 → 4.60	4.505	6	80	15	55	4
4.61 → 5.10	5.005	6	80	15	55	4
5.11 → 5.60	5.505	6	80	15	55	4
5.61 → 6.10	6.005	6	80	15	55	4
6.11 → 6.60	6.505	8	90	20	60	4
6.61 → 7.10	7.005	8	90	20	60	4
7.11 → 7.60	7.505	8	90	20	60	4
7.61 → 8.10	8.005	8	90	20	60	4
8.11 → 8.60	8.505	10	90	20	60	5
8.61 → 9.10	9.005	10	90	20	60	5
9.11 → 9.60	9.505	10	90	20	60	5
9.61 → 10.10	10.005	10	90	20	60	5
10.11 → 10.60		12	90	20	60	5
10.61 → 11.10		12	90	20	60	5
11.11 → 11.60		12	90	20	60	5
11.61 → 12.10		12	90	20	60	5
12.11 → 12.60		14	105	25	75	5
12.61 → 13.10		14	105	25	75	5
13.11 → 13.60		14	105	25	75	5
13.61 → 14.10		14	105	25	75	5
14.11 → 14.60		16	105	25	75	5
14.61 → 15.10		16	105	25	75	5
15.11 → 15.60		16	105	25	75	5
15.61 → 16.10		16	105	25	75	5
16.11 → 16.60		18	120	30	85	5
16.61 → 17.10		18	120	30	85	5
17.11 → 17.60		18	120	30	85	5
17.61 → 18.10		18	120	30	85	5
18.11 → 18.60		20	130	30	95	5
18.61 → 19.10		20	130	30	95	5
19.11 → 19.60		20	130	30	95	5
19.61 → 20.10		20	130	30	95	5



Ex. ref. Ø3.76 = ALC114-003.760

ALC 124

ALESOIRS MACHINE CARBURE MONOBLOC COURTS TAILLE DROITE

Pour trous borgnes

Lubrification interne centrale



Solid carbide short machine reamers - Straight flutes 90° for blind holes - Central lubrication



Escariadores cortos MD integral - Labios rectos 90° para agujeros ciegos - Refrigeración central



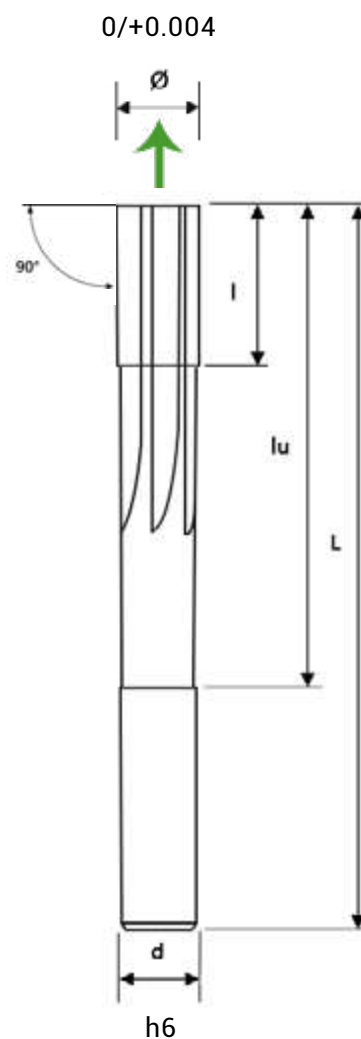
Alesatori corti MD integrale - Taglienti diritti 90° per fori ciechi - Lubrificazione centrale



VHM kurze Maschinenreibahlen - Geradegenutet 90° für Sackloch - Mit zentraler Innenkühlung



Ø	+ Ø	d	L	l	lu	Z
3.61 → 4.10	4.005	6	80	15	55	4
4.11 → 4.60	4.505	6	80	15	55	4
4.61 → 5.10	5.005	6	80	15	55	4
5.11 → 5.60	5.505	6	80	15	55	4
5.61 → 6.10	6.005	6	80	15	55	4
6.11 → 6.60	6.505	8	90	20	60	4
6.61 → 7.10	7.005	8	90	20	60	4
7.11 → 7.60	7.505	8	90	20	60	4
7.61 → 8.10	8.005	8	90	20	60	4
8.11 → 8.60	8.505	10	90	20	60	5
8.61 → 9.10	9.005	10	90	20	60	5
9.11 → 9.60	9.505	10	90	20	60	5
9.61 → 10.10	10.005	10	90	20	60	5
10.11 → 10.60		12	90	20	60	5
10.61 → 11.10		12	90	20	60	5
11.11 → 11.60		12	90	20	60	5
11.61 → 12.10		12	90	20	60	5
12.11 → 12.60		14	105	25	75	5
12.61 → 13.10		14	105	25	75	5
13.11 → 13.60		14	105	25	75	5
13.61 → 14.10		14	105	25	75	5
14.11 → 14.60		16	105	25	75	5
14.61 → 15.10		16	105	25	75	5
15.11 → 15.60		16	105	25	75	5
15.61 → 16.10		16	105	25	75	5
16.11 → 16.60		18	120	30	85	5
16.61 → 17.10		18	120	30	85	5
17.11 → 17.60		18	120	30	85	5
17.61 → 18.10		18	120	30	85	5
18.11 → 18.60		20	130	30	95	5
18.61 → 19.10		20	130	30	95	5
19.11 → 19.60		20	130	30	95	5
19.61 → 20.10		20	130	30	95	5



Ex. ref. Ø3.76 = ALC124-003.760

ALC 780

ALESOIRS A MAIN AMERICAINS CARBURE MONOBLOC

« Alésoirs voilure »



Solid carbide hand reamers for aircraft wings - Straight shank with square



Escariadores manuales MD integral para ala aeronáutica - Mango cilíndrico con cuadrado



Alesatori a mano MD integrale per ala aeronautica - Gambo cilindrico con quadrato



VHM Handreibahlen für Luftfahrtflügel - Zylinderschaft mit Vierkant



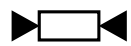
EUROMAC



MADE IN
FRANCE

**SOLID
WC**

Fabrication



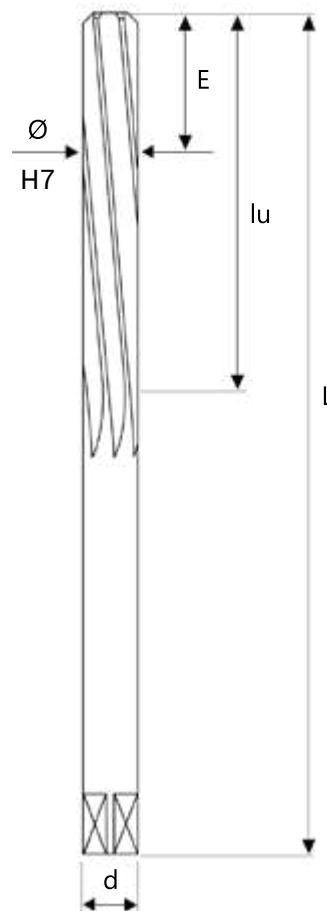
entre pointes

**1/100
mm**



Ø	d	L	lu	E	Z
3.76 → 4.25	Ø	100	60	10	4
4.26 → 4.75	Ø	100	60	10	4
4.76 → 5.25	Ø	100	60	10	4
5.26 → 5.75	Ø	100	60	10	4
5.76 → 6.25	Ø	100	60	10	6
6.26 → 6.75	Ø	100	60	10	6
6.76 → 7.25	Ø	100	60	10	6
7.26 → 7.75	Ø	100	60	10	6
7.76 → 8.25	Ø	100	60	10	6
8.26 → 8.75	Ø	100	60	10	6
8.76 → 9.25	Ø	100	60	10	6
9.26 → 9.75	Ø	100	60	10	6
9.76 → 10.25	Ø	100	60	10	6
10.26 → 10.75	Ø	100	60	10	6
10.76 → 11.25	Ø	100	60	10	6
11.26 → 11.75	Ø	100	60	10	6
11.76 → 12.25	Ø	100	60	10	6

Ex. ref. Ø3.76 = ALC780-003.760





ALESOIRS A MAIN FAÇON PARIS CARBURE MONOBLOC



Solid carbide hand reamers « Paris Style » - Straight shank with square



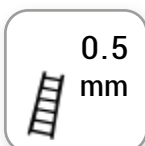
Escariadores manuales MD integral « Estilo Parisino » - Mango cilíndrico con cuadrado



Alesatori a mano MD integrale « Stile Parigino » - Gambo cilindrico con quadrato

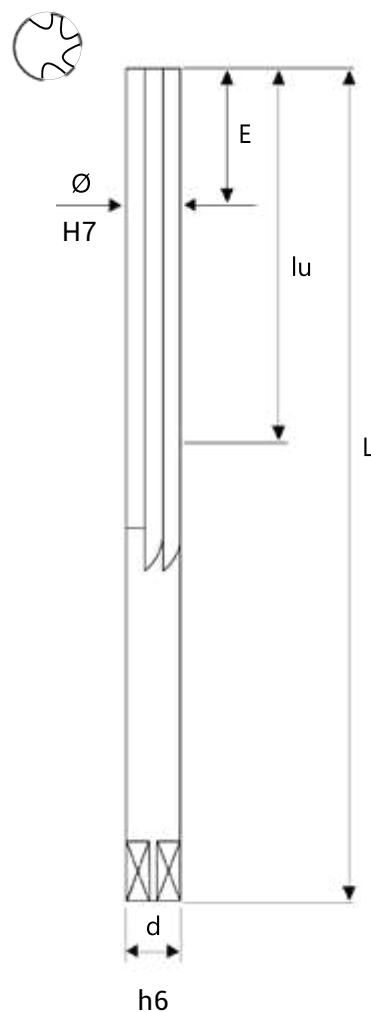


VHM Handreibahlen « Pariser Stil » - Zylinderschaft mit Vierkant



Ø	d	L	lu	E	Z
4	4	100	60	20	3
4.5	4.5	106	63	21	3
5	5	112	67	22	3
5.5	5.5	118	71	24	3
6	6	118	71	24	3
6.5	6.5	125	75	25	3
7	7	132	80	26	3
7.5	8	132	80	26	3
8	8	140	85	28	3
8.5	9	140	85	28	3
9	9	150	90	30	3
9.5	10	150	90	32	3
10	10	160	95	32	3
10.5	11	160	95	32	3
11	11	170	100	34	3
11.5	12	170	100	34	3
12	12	180	106	36	3
12.5	13	180	106	36	3
13	13	180	106	36	3
13.5	14	190	112	38	3
14	14	190	112	38	3
14.5	15	190	112	38	3
15	15	190	112	38	3
15.5	16	200	118	40	3
16	16	200	118	40	3

Ex. ref. Ø4.5 = ALC790-004.500



FOC
ALC
ALB-E-H
FTC
FRC
EVC-H
LRC
EBC
COF
XTRA
info

**ALC
212**

MICRO-ALESOIRS MACHINE CARBURE MONOBLOC DIN 212

Hélice à gauche pour trous débouchants (Forme B)
Queue cylindrique



Solid carbide machine micro-reamers DIN 212 - Left hand helix for through holes



Micro-escariadores de máquina MD integral DIN 212 - Hélice a izquierda para agujeros pasantes



Micro-alesatori a macchina MD integrale DIN 212 - Spirale sinistra per fori passanti

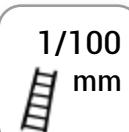


VHM Mikromaschinenreibahlen DIN 212 - Linksspiralgenutet für Durchgangsloch



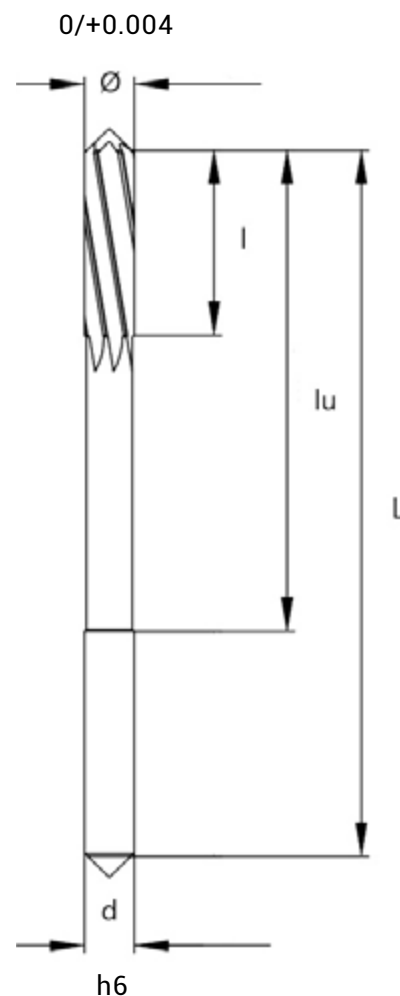
SOLID
WC

DIN
212



$\emptyset$		d	L	l	lu	Z
0.90 → 1.06		3	50	6	22	3
1.07 → 1.50		3	50	9	22	3
1.51 → 1.70		3	50	10	22	3
1.71 → 1.90		3	50	11	22	4
1.91 → 2.25		3	50	12	22	4

Ex. ref. $\emptyset 0.90$ = ALC212-000.900





ALESOIRS CARBURE MONOBLOC EXTRA COURTS DIN 8089 POUR MACHINES AUTOMATIQUES

Hélice à gauche pour trous débouchants (forme B)
Queue cylindrique



Solid carbide extra short machine reamers DIN 8089 - Left hand helix for through holes



Escariadores extra cortos MD integral DIN 8089 - Hélice a izquierda para agujeros pasantes



Alesatori extra corti MD integrale DIN 8089 - Spirale sinistra per fori passanti



VHM extra kurze Maschinenreibahlen DIN 8089 - Linksspiralgenutet für Durchgangsloch

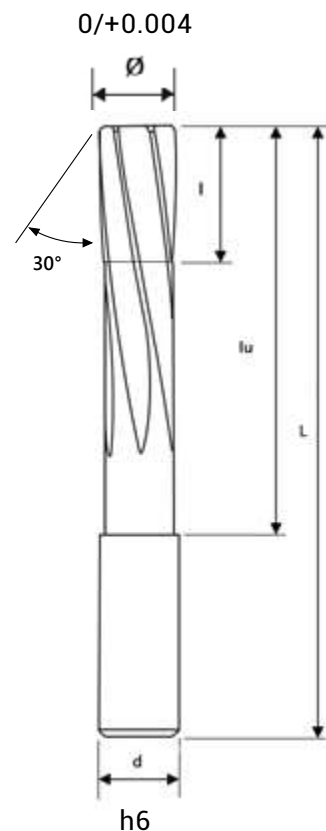


SOLID
WC

DIN
8089



$\emptyset$	$+\emptyset$	d	L	l	lu	Z
3.00 → 3.10	3.005	3	56	12	32	4
3.11 → 3.60	3.505	4	56	12	32	4
3.61 → 4.10	4.005	4	56	12	32	4
4.11 → 4.60	4.505	5	63	12	36	4
4.61 → 5.10	5.005	5	63	12	36	4
5.11 → 5.60	5.505	6	63	12	36	4
5.61 → 6.10	6.005	6	63	12	36	4
6.11 → 6.60	6.505	8	63	12	36	4
6.61 → 7.10	7.005	8	71	12	42	4
7.11 → 7.60	7.505	8	71	12	42	4
7.61 → 8.10	8.005	8	71	12	42	4
8.11 → 8.60	8.505	10	71	12	42	5
8.61 → 9.10	9.005	10	71	12	42	5
9.11 → 9.60	9.505	10	71	12	42	5
9.61 → 10.10	10.005	10	71	12	42	5
10.11 → 10.60		12	80	15	55	5
10.61 → 11.10		12	80	15	55	5
11.11 → 11.60		12	80	15	55	5
11.61 → 12.10		12	80	15	55	5
12.11 → 12.60		14	80	15	55	5
12.61 → 13.10		14	80	15	55	5
13.11 → 13.60		14	90	20	60	5
13.61 → 14.10		14	90	20	60	5
14.11 → 14.60		16	90	20	60	5
14.61 → 15.10		16	90	20	60	5
15.11 → 15.60		16	90	20	60	5
15.61 → 16.10		16	90	20	60	5
16.11 → 16.60		18	90	20	60	5
16.61 → 17.10		18	90	20	60	5
17.11 → 17.60		18	100	25	75	5
17.61 → 18.10		18	100	25	75	5
18.11 → 18.60		20	100	25	75	5
18.61 → 19.10		20	100	25	75	5
19.11 → 19.60		20	100	25	75	5
19.61 → 20.10		20	100	25	75	5



Ex. ref. Ø3.50 = ALC710-003.500

ALC 100

ALESOIRS CARBURE MONOBLOC EXTRA COURTS DIN 8089 POUR MACHINES AUTOMATIQUES

Taille droite pour trous borgnes (Forme A)

Lubrification interne centrale - Queue cylindrique



Solid carbide extra short machine reamers DIN 8089 - Straight flutes for blind holes - Central lubrication



Escariadores extra cortos MD integral DIN 8089 - Labios rectos para agujeros ciegos - Refrigeración central



Alesatori extra corti MD integrale DIN 8089 - Taglienti diritti per fori ciechi - Lubrificazione centrale



VHM extra kurze Maschinenreibahlen DIN 8089 - Geradegenutet für Sackloch - Mit zentraler Innenkühlung



EUROMAC

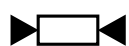


MADE IN
FRANCE

SOLID
WC

DIN
8089

Fabrication

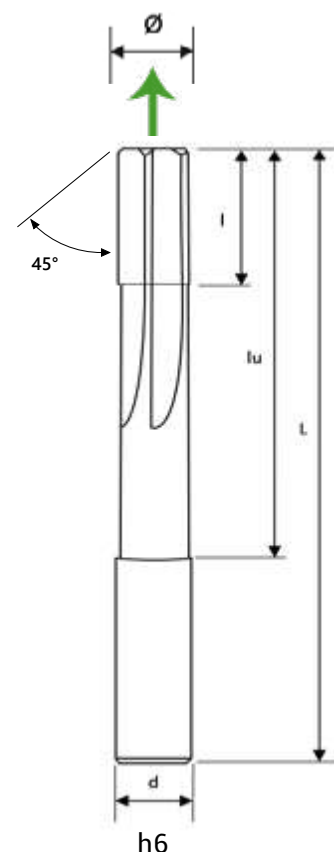


entre pointes

1/100
mm



Ø	+ Ø	d	L	l	lu	Z
3.00 → 3.10	3.005	4	56	12	32	4
3.11 → 3.60	3.505	4	56	12	32	4
3.61 → 4.10	4.005	4	56	12	32	4
4.11 → 4.60	4.505	6	63	12	36	4
4.61 → 5.10	5.005	6	63	12	36	4
5.11 → 5.60	5.505	6	63	12	36	4
5.61 → 6.10	6.005	8	63	12	36	4
6.11 → 6.60	6.505	8	63	12	36	4
6.61 → 7.10	7.005	8	71	12	42	4
7.11 → 7.60	7.505	8	71	12	42	4
7.61 → 8.10	8.005	8	71	12	42	4
8.11 → 8.60	8.505	10	71	12	42	5
8.61 → 9.10	9.005	10	71	12	42	5
9.11 → 9.60	9.505	10	71	12	42	5
9.61 → 10.10	10.005	10	71	12	42	5
10.11 → 10.60		12	80	15	55	5
10.61 → 11.10		12	80	15	55	5
11.11 → 11.60		12	80	15	55	5
11.61 → 12.10		12	80	15	55	5
12.11 → 12.60		14	80	15	55	5
12.61 → 13.10		14	80	15	55	5
13.11 → 13.60		14	90	20	60	5
13.61 → 14.10		14	90	20	60	5
14.11 → 14.60		16	90	20	60	5
14.61 → 15.10		16	90	20	60	5
15.11 → 15.60		16	90	20	60	5
15.61 → 16.10		16	90	20	60	5
16.11 → 16.60		18	90	20	60	5
16.61 → 17.10		18	90	20	60	5
17.11 → 17.60		18	100	25	75	5
17.61 → 18.10		18	100	25	75	5
18.11 → 18.60		20	100	25	75	5
18.61 → 19.10		20	100	25	75	5
19.11 → 19.60		20	100	25	75	5
19.61 → 20.10		20	100	25	75	5



Ex. ref. Ø3.50 = ALC100-003.500