



# 車床刀具系列

Carbide Tools For Lathe

泛用鋼材  
≤ 50HRC

軟材質加工  
鋁合金

For general steel(≤50HRC) aluminum alloy machining.

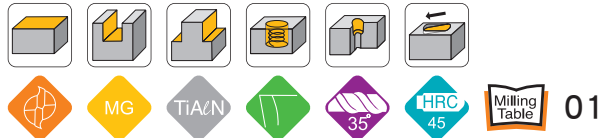
# S220 鎢鋼平銑刀- 小柄短刃型- 2刃

S220 MICRO GRAIN CARBIDE END MILLS- Square Type- 2F with small shank For Lathe

## · CLES20000A

刃徑 d	公差 Tolerance
$\phi < 3$	0 ~ -0.02
$3 \leq \phi \leq 10$	-0.01 ~ -0.03
$10 < \phi$	-0.01 ~ -0.04

超精銑 Bright Finishing	—
精銑 Finishing	○
中銑 Semi Finishing	◎
粗銑 Roughing	○



刃徑 d	刃長 L1	全長 L	柄徑 D	刃數 F	白刀訂購編號 Uncoated Order No.	鍍膜訂購編號 Coated Order No.
2.0	2	40	6	2	CLES20200	CLES20200A
3.0	3	40	6	2	CLES20300	CLES20300A
4.0	4	40	6	2	CLES20400	CLES20400A
5.0	5	40	6	2	CLES20500	CLES20500A
6.0	6	40	6	2	CLES20600	CLES20600A
7.0	7	40	6	2	CLES20700	CLES20700A
8.0	8	40	6	2	CLES20800	CLES20800A
9.0	9	40	6	2	CLES20900	CLES20900A
10.0	10	40	6	2	CLES21000	CLES21000A
12.0	12	40	10	2	CLES21200	CLES21200A

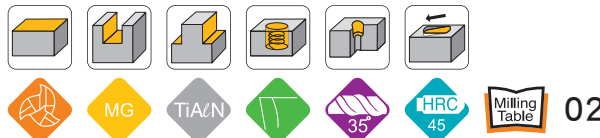
# S220 鎢鋼平銑刀- 小柄短刃型- 3刃

S220 MICRO GRAIN CARBIDE END MILLS- Square Type- 3F with small shank For Lathe

## · CLES30000A

刃徑 d	公差 Tolerance
$\phi < 3$	0 ~ -0.02
$3 \leq \phi \leq 10$	-0.01 ~ -0.03
$10 < \phi$	-0.01 ~ -0.04

超精銑 Bright Finishing	—
精銑 Finishing	◎
中銑 Semi Finishing	◎
粗銑 Roughing	○



刃徑 d	刃長 L1	全長 L	柄徑 D	刃數 F	白刀訂購編號 Uncoated Order No.	鍍膜訂購編號 Coated Order No.
2.0	2	40	6	3	CLES30200	CLES30200A
3.0	3	40	6	3	CLES30300	CLES30300A
4.0	4	40	6	3	CLES30400	CLES30400A
5.0	5	40	6	3	CLES30500	CLES30500A
6.0	6	40	6	3	CLES30600	CLES30600A
7.0	7	40	6	3	CLES30700	CLES30700A
8.0	8	40	6	3	CLES30800	CLES30800A
9.0	9	40	6	3	CLES30900	CLES30900A
10.0	10	40	6	3	CLES31000	CLES31000A
12.0	12	40	10	3	CLES31200	CLES31200A

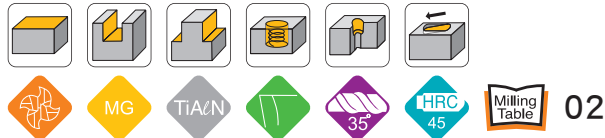
# S220 鎢鋼平銑刀- 小柄短刃型- 4刃

S220 MICRO GRAIN CARBIDE END MILLS- Square Type- 4F with small shank For Lathe

## · CLES40000A

刃徑 d	公差 Tolerance
$\phi < 3$	0 ~ -0.02
$3 \leq \phi \leq 10$	-0.01 ~ -0.03
$10 < \phi$	-0.01 ~ -0.04

超精銑 Bright Finishing	○
精銑 Finishing	◎
中銑 Semi Finishing	○
粗銑 Roughing	—



刃徑 d	刃長 L1	全長 L	柄徑 D	刃數 F	白刀訂購編號 Uncoated Order No.	鍍膜訂購編號 Coated Order No.
4.0	4	40	6	4	CLES40400	CLES40400A
5.0	5	40	6	4	CLES40500	CLES40500A
6.0	6	40	6	4	CLES40600	CLES40600A
7.0	7	40	6	4	CLES40700	CLES40700A
8.0	8	40	6	4	CLES40800	CLES40800A
8.0	8	40	8	4	CLES4080008	CLES4080008A
10.0	10	40	6	4	CLES41000	CLES41000A
10.0	10	40	10	4	CLES4100010	CLES4100010A
12.0	12	40	10	4	CLES41200	CLES41200A
16.0	16	40	10	4	CLES41600	CLES41600A

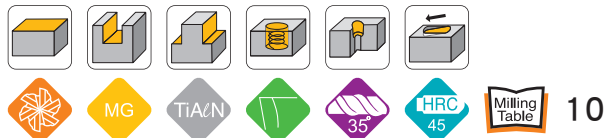
# S220 鎢鋼平銑刀- 小柄短刃型- 6刃

S220 MICRO GRAIN CARBIDE END MILLS- Square Type- 6F with small shank For Lathe

## · CLES60000A

刃徑 d	公差 Tolerance
$\phi < 3$	0 ~ -0.03
$3 \leq \phi \leq 10$	-0.01 ~ -0.04
$10 < \phi$	-0.01 ~ -0.05

超精銑 Bright Finishing	○
精銑 Finishing	◎
中銑 Semi Finishing	○
粗銑 Roughing	—

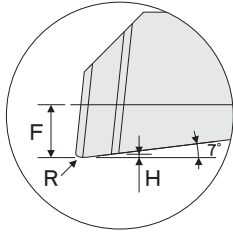
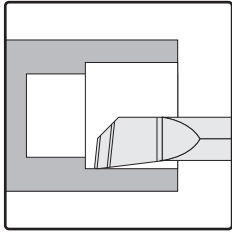
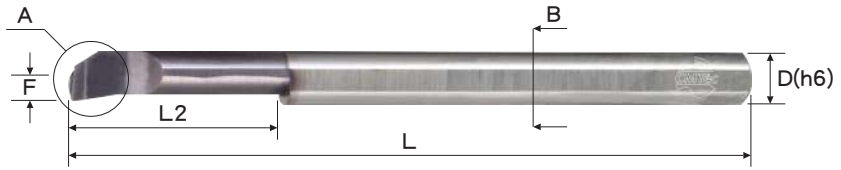


刃徑 d	刃長 L1	全長 L	柄徑 D	刃數 F	白刀訂購編號 Uncoated Order No.	鍍膜訂購編號 Coated Order No.
6.0	6	40	6	6	CLES60600	CLES60600A
7.0	7	40	6	6	CLES60700	CLES60700A
8.0	8	40	6	6	CLES60800	CLES60800A
9.0	9	40	6	6	CLES60900	CLES60900A
10.0	10	40	6	6	CLES61000	CLES61000A
12.0	12	40	10	6	CLES61200	CLES61200A
16.0	16	40	10	6	CLES61600	CLES61600A

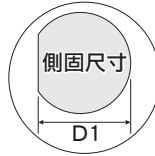
# 鎢鋼內孔掃刀

## CARBIDE INTERNAL COPY-TURNING

· **CLB00000000A**



細部放大圖  
Detail **A**



細部放大圖  
Detail **B**



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F	L2	L	R	D	H	D1	最小車徑 Min. Bore Dia.	鍍膜訂購編號 Coated Order No.
0.8	5	39	0.15	3	0.1	2.85	2.4	CLB05081507A
0.8	10	39	0.15	3	0.1	2.85	2.4	CLB10081507A
1.3	10	39	0.05	3	0.2	2.85	3.1	CLB10130507A
1.3	15	39	0.05	3	0.2	2.85	3.1	CLB15130507A
1.3	15	39	0.10	3	0.2	2.85	3.1	CLB15131007A
1.3	10	39	0.20	3	0.2	2.85	3.1	CLB10132007A
1.3	15	39	0.20	3	0.2	2.85	3.1	CLB15132007A
1.7	10	50	0.10	4	0.2	3.80	4.1	CLB10171007A
1.7	15	50	0.10	4	0.2	3.80	4.1	CLB15171007A
1.7	22	50	0.10	4	0.2	3.80	4.1	CLB22171007A
1.7	10	50	0.20	4	0.2	3.80	4.1	CLB10172007A
1.7	15	50	0.20	4	0.2	3.80	4.1	CLB15172007A
1.7	22	50	0.20	4	0.2	3.80	4.1	CLB22172007A
2.1	15	50	0.10	5	0.3	4.75	5.1	CLB15211007A
2.1	22	50	0.10	5	0.3	4.75	5.1	CLB22211007A
2.1	30	75	0.10	5	0.3	4.75	5.1	CLB30211007A
2.1	15	50	0.20	5	0.3	4.75	5.1	CLB15212007A
2.1	22	50	0.20	5	0.3	4.75	5.1	CLB22212007A
2.1	30	75	0.20	5	0.3	4.75	5.1	CLB30212007A
2.8	15	50	0.05	6	0.3	5.70	6.1	CLB15280507A
2.8	15	50	0.10	6	0.3	5.70	6.1	CLB15281007A
2.8	15	50	0.20	6	0.3	5.70	6.1	CLB15282007A
2.8	22	50	0.20	6	0.3	5.70	6.1	CLB22282007A
2.8	30	63	0.20	6	0.3	5.70	6.1	CLB30282007A
3.8	15	63	0.20	8	0.5	7.60	8.1	CLB15382007A
3.8	22	63	0.20	8	0.5	7.60	8.1	CLB22382007A

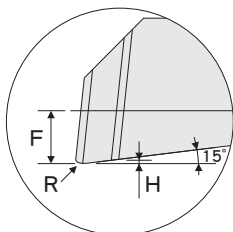
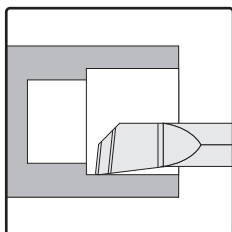
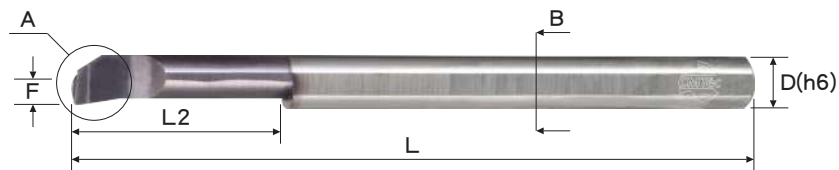
→ 切削條件表 P.283  
Cutting Condition

→ 技術資料 P.302  
Technical Data

# 鎢鋼內孔掃刀

## CARBIDE INTERNAL COPY-TURNING

· **CLB00000000A**



細部放大圖  
Detail **A**



細部放大圖  
Detail **B**



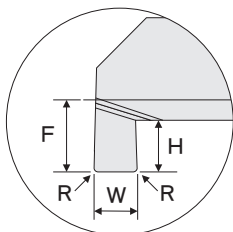
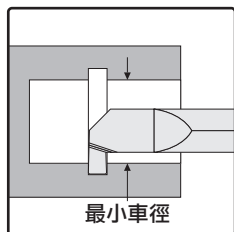
59

F	L2	L	R	D	H	D1	最小車徑 Min. Bore Dia.	鍍膜訂購編號 Coated Order No.
0.8	5	39	0.15	3	0.31	2.85	2.4	CLB05081515A
0.8	10	39	0.15	3	0.31	2.85	2.4	CLB10081515A
1.3	10	39	0.05	3	0.44	2.85	3.1	CLB10130515A
1.3	15	39	0.05	3	0.44	2.85	3.1	CLB15130515A
1.3	10	39	0.20	3	0.44	2.85	3.1	CLB10132015A
1.3	15	39	0.20	3	0.44	2.85	3.1	CLB15132015A
1.7	10	50	0.20	4	0.55	3.80	4.1	CLB10172015A
1.7	15	50	0.20	4	0.55	3.80	4.1	CLB15172015A
2.1	15	50	0.20	5	0.66	4.75	5.1	CLB15212015A
2.1	22	50	0.20	5	0.66	4.75	5.1	CLB22212015A
2.8	15	50	0.20	6	0.85	5.70	6.1	CLB15282015A
2.8	22	50	0.20	6	0.85	5.70	6.1	CLB22282015A
3.8	15	63	0.20	8	1.11	7.60	8.1	CLB15382015A
3.8	22	63	0.20	8	1.11	7.60	8.1	CLB22382015A

# 鎢鋼內孔槽刀

## CARBIDE INTERNAL GROOVING

· CLG000000A



細部放大圖  
Detail **B**

細部放大圖  
Detail **A**



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F	L <sub>2</sub>	L	W	R	D	H	D1	最小車徑 Min. Bore Dia.	鍍膜訂購編號 Coated Order No.
1.7	10	50	1.0	0.1	4	1.0	3.80	4.1	CLG101710A
1.7	10	50	1.5	0.1	4	1.0	3.80	4.1	CLG101715A
2.3	10	50	1.0	0.1	5	1.2	4.75	5.1	CLG102310A
2.3	10	50	1.5	0.1	5	1.2	4.75	5.1	CLG102315A
2.3	10	50	2.0	0.1	5	1.2	4.75	5.1	CLG102320A
2.8	20	50	1.0	0.1	6	1.4	5.70	6.1	CLG202810A
2.8	20	50	1.5	0.1	6	1.4	5.70	6.1	CLG202815A
2.8	20	50	2.0	0.1	6	1.4	5.70	6.1	CLG202820A
3.8	20	50	1.0	0.1	8	1.6	7.60	8.1	CLG203810A
3.8	20	50	1.5	0.1	8	1.6	7.60	8.1	CLG203815A
3.8	20	50	2.0	0.1	8	1.6	7.60	8.1	CLG203820A

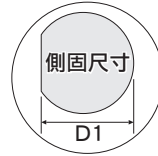
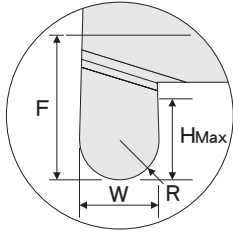
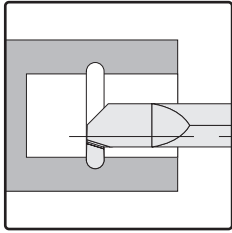
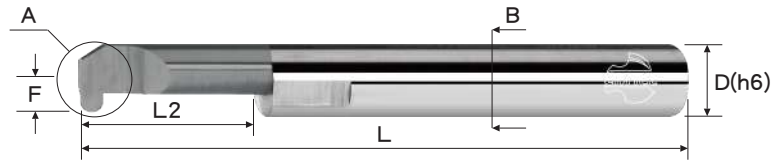
→ 切削條件表 P.283  
Cutting Condition

→ 技術資料 P.302  
Technical Data

# 鎢鋼內孔外圓槽刀

## CARBIDE INTERNAL FULL RADIUS GROOVING

· **CLRG000000A**



細部放大圖  
Detail **A**

細部放大圖  
Detail **B**

MG TiAlN Milling Table **59**

F	L2	L	R	W	D	H	D1	最小車徑 Min. Bore Dia.	鍍膜訂購編號 Coated Order No.
1.7	10	50	0.50	1.0	4	1.0	3.80	4.1	CLRG101710A
1.7	10	50	0.75	1.5	4	1.0	3.80	4.1	CLRG101715A
2.3	15	50	0.50	1.0	5	1.2	4.75	5.1	CLRG152310A
2.3	15	50	0.75	1.5	5	1.2	4.75	5.1	CLRG152315A
2.3	15	50	1.00	2.0	5	1.2	4.75	5.1	CLRG152320A
2.8	15	50	0.50	1.0	6	1.6	5.70	6.1	CLRG152810A
2.8	15	50	0.75	1.5	6	1.6	5.70	6.1	CLRG152815A
2.8	15	50	1.00	2.0	6	1.6	5.70	6.1	CLRG152820A

→ 切削條件表 P.283 Cutting Condition  
→ 技術資料 P.302 Technical Data

車床刀具系列

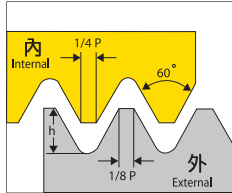
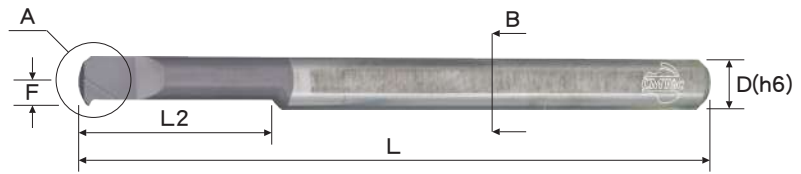
Carbide Tools For Lathe



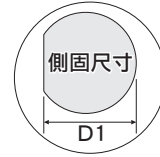
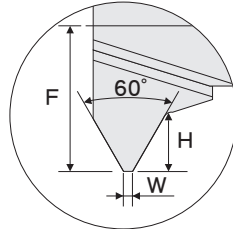
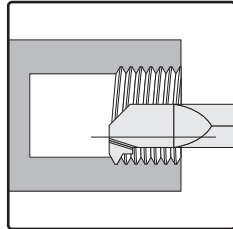
# 鎢鋼內孔牙刀- 螺距固定型- ISO 60°

CARBIDE INTERNAL THREAD- ISO Metric 60°

· CLT00000000A



Tolerance class(公差)  
6g / 6H



細部放大圖 B  
Detail

細部放大圖 A  
Detail



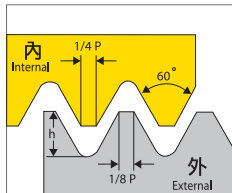
59

F	螺距 Pitch	L2	W	L	D	H	D1	最小車徑 Min. Bore Dia.	鍍膜訂購編號 Coated Order No.
1.4	0.50	10	0.062	39	3	0.33	2.85	3.2	CLT1014050A
1.4	0.70	10	0.087	39	3	0.46	2.85	3.2	CLT1014070A
1.4	0.75	10	0.093	39	3	0.49	2.85	3.2	CLT1014075A
1.8	0.50	10	0.062	50	4	0.33	3.80	4.1	CLT1018050A
1.8	0.75	10	0.093	50	4	0.49	3.80	4.1	CLT1018075A
1.8	0.80	10	0.100	50	4	0.52	3.80	4.1	CLT1018080A
2.2	1.00	10	0.125	50	5	0.65	4.75	4.9	CLT1022100A
2.6	0.50	15	0.062	50	6	0.33	5.70	5.9	CLT1526050A
2.6	0.75	15	0.093	50	6	0.49	5.70	5.9	CLT1526075A
2.6	1.00	15	0.125	50	6	0.65	5.70	5.9	CLT1526100A
2.8	1.25	22	0.156	50	6	0.81	5.70	6.1	CLT2228125A

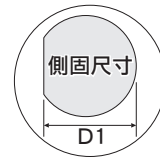
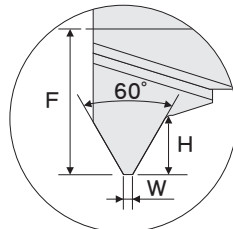
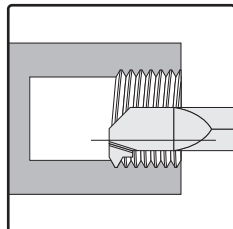
# 鎢鋼內孔牙刀- 螺距泛用型- ISO 60°

CARBIDE INTERNAL MULTIPURPOS THREAD- ISO Metric 60°

· CLT000000000000A



Tolerance class(公差)  
6g / 6H



細部放大圖 B  
Detail

細部放大圖 A  
Detail



59

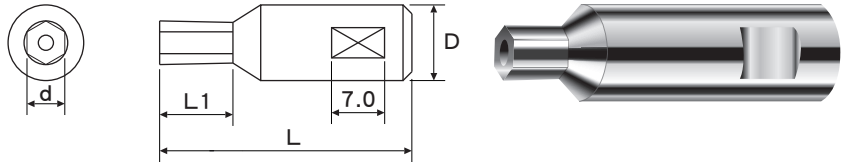
F	螺距 Pitch	L2	W	L	D	H	D1	最小車徑 Min. Bore Dia.	鍍膜訂購編號 Coated Order No.
1.0	0.45 ~ 0.70	8	0.056	39	3	0.45	2.85	2.6	CLT0810045070A
1.4	0.70 ~ 1.00	15	0.087	39	3	0.65	2.85	3.2	CLT1514070100A
1.8	0.80 ~ 1.00	15	0.100	50	4	0.65	3.80	4.1	CLT1518080100A
2.3	1.00 ~ 1.25	15	0.125	50	5	0.81	4.75	5.1	CLT1523100125A
2.6	1.00 ~ 1.50	15	0.125	50	6	0.97	5.70	6.0	CLT1526100150A



# 鎢鋼沖頭- 六角型

## CARBIDE PUNCH- HEXAGON

### · CLPH00000



刃徑 d	公差 Tolerance
φ	±0.01

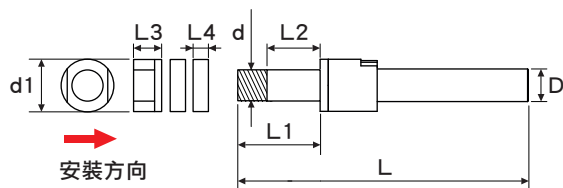
※特殊尺寸依需求生產。  
Special Size is on request.

規格 Drive Size	刃徑 d	刃長 L1	全長 L	柄徑 D	訂購編號 Order No.
T1.5	1.538	2.5	28	8	CLPH01508
T2	2.038	3.0	28	8	CLPH02008
T2.5	2.553	4.0	28	8	CLPH02508
T3	3.071	4.5	28	8	CLPH03008
T4	4.071	6.0	28	8	CLPH04008
T5	5.086	6.0	28	8	CLPH05008
T6	6.086	6.0	28	8	CLPH06008

# 前方鎖固式鋸片柄(軸心)- 前置螺帽為右牙

## MILLING ARBORS for SLITTING SAWS with front clamping (right hand thread)

### · SAFR00000



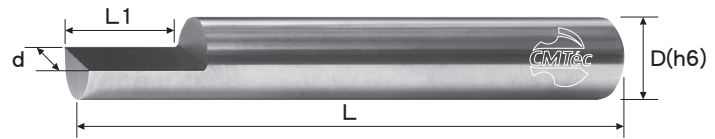
※材質為合金鋼。  
It is made by alloy steels.

軸徑(鋸片內徑) d	螺帽 / 墊片外徑 d1	軸徑長 L1	墊片安裝長 L2	全長 L	螺帽厚度 L3	墊片厚度 L4	柄徑 D	訂購編號 Order No.
5.0	10	12	5.2	50	5.0	3.0	6	SAFR05006
5.0	13	16	7.5	60	8.8	4.0	7	SAFR05007
6.0	13	16	7.5	60	8.8	4.0	7	SAFR06007
6.0	10	12	5.2	50	5.1	3.2	6	SAFR06006
6.0	16	11	5.2	60	5.5	1.5 / 3.0	10	SAFR06010
6.0	13	16	7.5	90	8.2	4.2	10	SAFR06010090L
8.0	13	16	7.5	60	7.5	4.2	10	SAFR08010
12.7	20	28	14.0	70	14.5	6.2	10	SAFR12710

# 鎢鋼雕刻剖半圓棒- 短刃型

CARBIDE ENGRAVING BLANKS PRECISION GROUND- Short Flute

· **CLEBS0000**

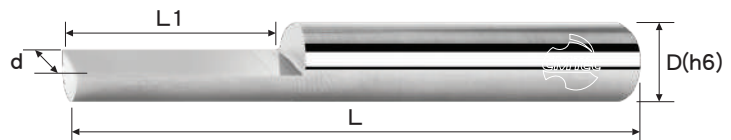


刃徑 d	刃長 L1	全長 L	柄徑 D	訂購編號 Order No.
2.0	3.0	40	2.0	CLEBS0200
2.5	4.0	40	2.5	CLEBS0250
3.0	5.0	40	3.0	CLEBS0300
3.5	6.0	50	3.5	CLEBS0350
4.0	6.0	50	4.0	CLEBS0400
4.5	8.0	50	4.5	CLEBS0450
5.0	8.0	50	5.0	CLEBS0500
6.0	9.0	50	6.0	CLEBS0600
7.0	10.0	50	7.0	CLEBS0700
8.0	12.0	60	8.0	CLEBS0800
10.0	15.0	75	10.0	CLEBS1000
12.0	18.0	75	12.0	CLEBS1200

# 鎢鋼雕刻剖半圓棒- 長刃型

CARBIDE ENGRAVING BLANKS PRECISION GROUND- Long Flute

· **CLEBL0000**



刃徑 d	刃長 L1	全長 L	柄徑 D	訂購編號 Order No.
2.0	6.0	40	2	CLEBL0200
3.0	9.0	40	3	CLEBL0300
4.0	12.0	50	4	CLEBL0400
5.0	15.0	50	5	CLEBL0500
6.0	18.0	50	6	CLEBL0600
7.0	21.0	50	7	CLEBL0700
8.0	24.0	60	8	CLEBL0800
10.0	30.0	75	10	CLEBL1000
12.0	36.0	75	12	CLEBL1200

# 鎢鋼扁型定位鑽- 右刃- 2刃

## CARBIDE FLAT POINT SET- Right Hand Cutting- 2F

· CLPR00000



※加工範圍：軟材質  
Application: Soft Material

刃徑 d	尖端夾角 $\epsilon^\circ$	全長 L	柄徑 D	訂購編號 Order No.
3	60°	50	3	CLPR03060
4	60°	50	4	CLPR04060
5	60°	50	5	CLPR05060
6	60°	50	6	CLPR06060
3	90°	50	3	CLPR03090
4	90°	50	4	CLPR04090
5	90°	50	5	CLPR05090
6	90°	50	6	CLPR06090
3	120°	50	3	CLPR030C0
4	120°	50	4	CLPR040C0
5	120°	50	5	CLPR050C0
6	120°	50	6	CLPR060C0

# 鎢鋼扁型定位鑽- 左刃- 2刃

## CARBIDE FLAT POINT SET- Left Hand Cutting- 2F

· CLPL00000



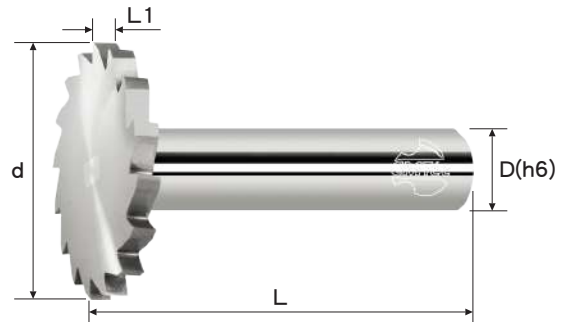
※加工範圍：軟材質  
Application: Soft Material

刃徑 d	尖端夾角 $\epsilon^\circ$	全長 L	柄徑 D	訂購編號 Order No.
6	60°	25	6	CLPL06060
6	80°	25	6	CLPL06080
6	90°	25	6	CLPL06090
6	100°	25	6	CLPL060A0
6	120°	25	6	CLPL060C0

# 鎢鋼T型刀- 直刃

## CARBIDE T-SLOT CUTTERS- Flat Flute

· CLFS00000000



※柄部為焊接設計。  
It's Brazed Shank.

刃徑 d	刃長 L1	全長 L	柄徑 D	刃數 F	訂購編號 Order No.	
15	1.0	50	7	16	CLFS1500100716	
15	1.5	50	7	16	CLFS1500150716	
15	2.0	50	7	16	CLFS1500200716	
15	2.5	50	7	16	CLFS1500250716	
15	3.0	50	7	16	CLFS1500300716	
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20	1.0	50	7/10	16	CLFS2000100716	CLFS2000101016
20	1.5	50	7/10	16	CLFS2000150716	CLFS2000151016
20	2.0	50	7/10	16	CLFS2000200716	CLFS2000201016
20	2.5	50	7/10	16	CLFS2000250716	CLFS2000251016
20	3.0	50	7/10	16	CLFS2000300716	CLFS2000301016
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25	1.0	50	7/10	16	CLFS2500100716	CLFS2500101016
25	1.5	50	7/10	16	CLFS2500150716	CLFS2500151016
25	2.0	50	7/10	16	CLFS2500200716	CLFS2500201016
25	3.0	50	7/10	16	CLFS2500300716	CLFS2500301016
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30	1.0	50	7/10	16	CLFS3000100716	CLFS3000101016
30	1.5	50	7/10	16	CLFS3000150716	CLFS3000151016
30	2.0	50	7/10	16	CLFS3000200716	CLFS3000201016
30	2.5	50	7/10	16	CLFS3000250716	CLFS3000251016
30	3.0	50	7/10	16	CLFS3000300716	CLFS3000301016
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