

FRAISES

Fraises à graver

Gravierfräser

Engraving mills

Frese a incidere

2

2

0

5

1

5

B

220.515

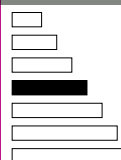
220.515B

MD
HM/SC
MG KUF12

Fraises
Fräser
End mills
Frese

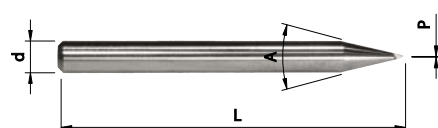


Z1



30° - 40°
50° - 60° - 90°

TiCN



OPTI
cut

Norme OPTI

Angle	Plat	d _{h5}	L	Non revêtu	Revêtu TiCN
30°	0.02	3	33	220.515-030-0.02	220.515B-030-0.02
	0.04	3	33	220.515-030-0.04	220.515B-030-0.04
	0.05	3	33	220.515-030-0.05	220.515B-030-0.05
	0.06	3	33	220.515-030-0.06	220.515B-030-0.06
	0.08	3	33	220.515-030-0.08	220.515B-030-0.08
	0.1	3	33	220.515-030-0.1	220.515B-030-0.1
	0.12	3	33	220.515-030-0.12	220.515B-030-0.12
	0.15	3	33	220.515-030-0.15	220.515B-030-0.15
	0.2	3	33	220.515-030-0.2	220.515B-030-0.2
40°	0.02	3	33	220.515-040-0.02	220.515B-040-0.02
	0.04	3	33	220.515-040-0.04	220.515B-040-0.04
	0.05	3	33	220.515-040-0.05	220.515B-040-0.05
	0.06	3	33	220.515-040-0.06	220.515B-040-0.06
	0.08	3	33	220.515-040-0.08	220.515B-040-0.08
	0.1	3	33	220.515-040-0.1	220.515B-040-0.1
	0.12	3	33	220.515-040-0.12	220.515B-040-0.12
	0.15	3	33	220.515-040-0.15	220.515B-040-0.15
	0.2	3	33	220.515-040-0.2	220.515B-040-0.2
50°	0.02	3	33	220.515-050-0.02	220.515B-050-0.02
	0.04	3	33	220.515-050-0.04	220.515B-050-0.04
	0.05	3	33	220.515-050-0.05	220.515B-050-0.05

Angle	Plat	d _{h5}	L	Non revêtu	Revêtu TiCN
50°	0.06	3	33	220.515-050-0.06	220.515B-050-0.06
	0.08	3	33	220.515-050-0.08	220.515B-050-0.08
	0.1	3	33	220.515-050-0.1	220.515B-050-0.1
	0.12	3	33	220.515-050-0.12	220.515B-050-0.12
	0.15	3	33	220.515-050-0.15	220.515B-050-0.15
	0.2	3	33	220.515-050-0.2	220.515B-050-0.2
60°	0.02	3	33	220.515-060-0.02	220.515B-060-0.02
	0.04	3	33	220.515-060-0.04	220.515B-060-0.04
	0.05	3	33	220.515-060-0.05	220.515B-060-0.05
	0.06	3	33	220.515-060-0.06	220.515B-060-0.06
	0.08	3	33	220.515-060-0.08	220.515B-060-0.08
	0.1	3	33	220.515-060-0.1	220.515B-060-0.1
	0.12	3	33	220.515-060-0.12	220.515B-060-0.12
	0.15	3	33	220.515-060-0.15	220.515B-060-0.15
	0.2	3	33	220.515-060-0.2	220.515B-060-0.2
90°	0.02	3	33	220.515-090-0.02	220.515B-090-0.02
	0.05	3	33	220.515-090-0.05	220.515B-090-0.05
	0.1	3	33	220.515-090-0.1	220.515B-090-0.1

INEO
Tech
>>> p 140

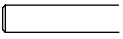
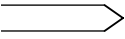
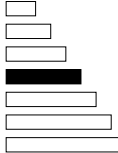
FRAISES

Fraises à graver

Gravierfräser

Engraving mills

Frese a incidere

2	2	0	5	1	6			B	L	220.516	220.516B	220.516L
MD HM/SC MG KUF12	Fraises Fräser End mills Frese			Z1		30° - 35° 40° - 50° - 60°		TiCN	DLC			



OPTI
star



Série renforcée

Norme OPTI

Angle	Plat	d _{h5}	L	Non revêtu	Revêtu TiCN	Revêtu DLC
30°	0.05	3	33	220.516-030-0.05	220.516B-030-0.05	220.516L-030-0.05
	0.06	3	33	220.516-030-0.06	220.516B-030-0.06	220.516L-030-0.06
	0.075	3	33	220.516-030-0.075	220.516B-030-0.075	220.516L-030-0.075
	0.1	3	33	220.516-030-0.1	220.516B-030-0.1	220.516L-030-0.1
	0.125	3	33	220.516-030-0.125	220.516B-030-0.125	220.516L-030-0.125
35°	0.05	3	33	220.516-035-0.05	220.516B-035-0.05	220.516L-035-0.05
	0.075	3	33	220.516-035-0.75	220.516B-035-0.75	220.516L-035-0.75
	0.1	3	33	220.516-035-0.1	220.516B-035-0.1	220.516L-035-0.1
	0.125	3	33	220.516-035-0.125	220.516B-035-0.125	220.516L-035-0.125
40°	0.05	3	33	220.516-040-0.05	220.516B-040-0.05	220.516L-040-0.05
	0.075	3	33	220.516-040-0.075	220.516B-040-0.075	220.516L-040-0.075
	0.1	3	33	220.516-040-0.1	220.516B-040-0.1	220.516L-040-0.1
	0.125	3	33	220.516-040-0.125	220.516B-040-0.125	220.516L-040-0.125
50°	0.05	3	33	220.516-050-0.05	220.516B-050-0.05	220.516L-050-0.05
	0.075	3	33	220.516-050-0.075	220.516B-050-0.075	220.516L-050-0.075
	0.1	3	33	220.516-050-0.1	220.516B-050-0.1	220.516L-050-0.1
	0.125	3	33	220.516-050-0.125	220.516B-050-0.125	220.516L-050-0.125
60°	0.05	3	33	220.516-060-0.05	220.516B-060-0.05	220.516L-060-0.05
	0.075	3	33	220.516-060-0.075	220.516B-060-0.075	220.516L-060-0.075
	0.1	3	33	220.516-060-0.1	220.516B-060-0.1	220.516L-060-0.1
	0.125	3	33	220.516-060-0.125	220.516B-060-0.125	220.516L-060-0.125

INEO
Tech

>>> p 140

FRAISES

Fraises à graver

Gravierfräser

Engraving mills

Frese a incidere

2

2

0

5

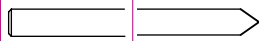
1

7

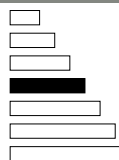
B

MD
HM/SC
MG KUF12

Fraises
Fräser
End mills
Frese



Z1



35° - 40°

50° - 60°

TiCN

220.517

220.517B



nouveau

Série renforcée

SUPER POLIE

Norme OPTI



Angle	Plat	d _{h5}	L	220.517	220.517B
35°	0.05	3	33	220.517-035-0.05	220.517B-035-0.05
	0.075	3	33	220.517-035-0.075	220.517B-035-0.075
	0.1	3	33	220.517-035-0.1	220.517B-035-0.1
40°	0.05	3	33	220.517-040-0.05	220.517B-040-0.05
	0.075	3	33	220.517-040-0.075	220.517B-040-0.075
	0.1	3	33	220.517-040-0.1	220.517B-040-0.1
50°	0.05	3	33	220.517-050-0.05	220.517B-050-0.05
	0.075	3	33	220.517-050-0.075	220.517B-050-0.075
	0.1	3	33	220.517-050-0.1	220.517B-050-0.1
60°	0.05	3	33	220.517-060-0.05	220.517B-060-0.05
	0.075	3	33	220.517-060-0.075	220.517B-060-0.075
	0.1	3	33	220.517-060-0.1	220.517B-060-0.1

INEO
Tech
>>> p 140

FRAISES

Fraises à graver

Gravierfräser

Engraving mills

Frese a incidere

2

2

0

6

1

5

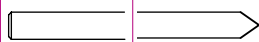
B

220.615

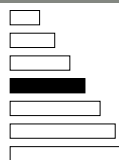
220.615B

MD
HM/SC
MG KUF12

Fraises
Fräser
End mills
Frese



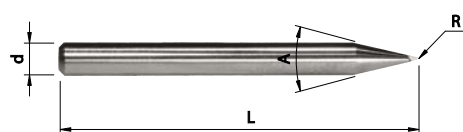
Z1



30° - 40°

50° - 60°

TiCN



OPTI
cut

Norme OPTI

Angle	Rayon	d _{h5}	L	Non revêtu	Revêtu TiCN
30°	0.04	3	33	220.615-030-0.04	220.615B-030-0.04
	0.05	3	33	220.615-030-0.05	220.615B-030-0.05
	0.07	3	33	220.615-030-0.07	220.615B-030-0.07
	0.1	3	33	220.615-030-0.1	220.615B-030-0.1
40°	0.04	3	33	220.615-040-0.04	220.615B-040-0.04
	0.05	3	33	220.615-040-0.05	220.615B-040-0.05
	0.07	3	33	220.615-040-0.07	220.615B-040-0.07
	0.1	3	33	220.615-040-0.1	220.615B-040-0.1
50°	0.04	3	33	220.615-050-0.04	220.615B-050-0.04
	0.05	3	33	220.615-050-0.05	220.615B-050-0.05
	0.07	3	33	220.615-050-0.07	220.615B-050-0.07
	0.1	3	33	220.615-050-0.1	220.615B-050-0.1
60°	0.04	3	33	220.615-060-0.04	220.615B-060-0.04
	0.05	3	33	220.615-060-0.05	220.615B-060-0.05
	0.07	3	33	220.615-060-0.07	220.615B-060-0.07
	0.1	3	33	220.615-060-0.1	220.615B-060-0.1

INEO
Tech
>>> p 140

FRAISES

Fraises à graver

Gravierfräser

Engraving mills

Frese a incidere

2

2

0

6

1

7

B

220.617

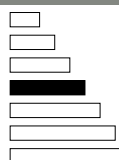
220.617B

MD
HM/SC
MG KUF12

Fraises
Fräser
End mills
Frese



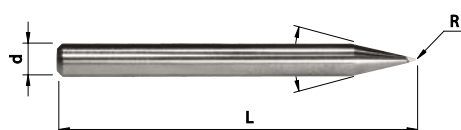
Z1



30° - 35° - 40°

45° - 50° - 60°

TiCN



nouveau

Série renforcée
SUPER POLIE
Norme OPTI



Angle	Plat	d _{h5}	L	220.617	220.617B
30°	0.05	3	33	220.617-030-0.05	220.617B-030-0.05
	0.075	3	33	220.617-030-0.075	220.617B-030-0.075
	0.1	3	33	220.617-030-0.1	220.617B-030-0.1
35°	0.05	3	33	220.617-035-0.05	220.617B-035-0.05
	0.075	3	33	220.617-035-0.075	220.617B-035-0.075
	0.1	3	33	220.617-035-0.1	220.617B-035-0.1
40°	0.05	3	33	220.617-040-0.05	220.617B-040-0.05
	0.075	3	33	220.617-040-0.075	220.617B-040-0.075
	0.1	3	33	220.617-040-0.1	220.617B-040-0.1
45°	0.05	3	33	220.617-045-0.05	220.617B-045-0.05
	0.075	3	33	220.617-045-0.075	220.617B-045-0.075
	0.1	3	33	220.617-045-0.1	220.617B-045-0.1
50°	0.05	3	33	220.617-050-0.05	220.617B-050-0.05
	0.075	3	33	220.617-050-0.075	220.617B-050-0.075
	0.1	3	33	220.617-050-0.1	220.617B-050-0.1
60°	0.05	3	33	220.617-060-0.05	220.617B-060-0.05
	0.075	3	33	220.617-060-0.075	220.617B-060-0.075
	0.1	3	33	220.617-060-0.1	220.617B-060-0.1

INEO
Tech
>>> p 140