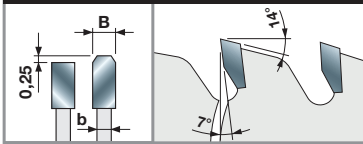


Non-ferrous Metals





HW H01K - Flat-triple chip tooth



Machines:

Single and double head cutting machines; CNC cutting units.

Materials:

Aluminium, PVC, brass and plastics.

Applications:

Aluminium, non-ferrous metals and plastics cutting.

Technical information:

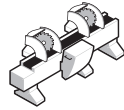
This range introduces new upgraded features:

- Enhanced quality of cut due to the drastic reduction of the adherence of the chip.
- Reduced vibration thanks to thin laser slots.
- Superior blade balancing and corrosion protection due to a new dedicated coating.

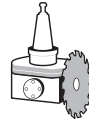
Cut of thin wall aluminium profiles, also including built-in plastic profile, and PVC profiles, mainly for doors and windows.

LU5H

Saw blades to cut non-ferrous metals and plastics



Single and Double Head Cutting Machines



CNC Cutting Units



Aluminium



PVC



Copper and Brass

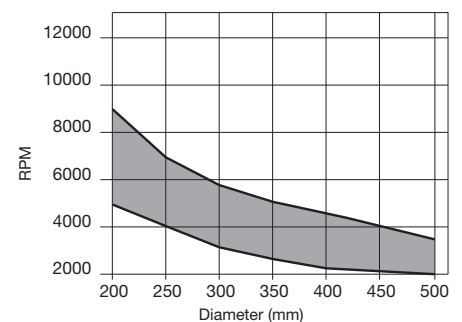


Plastics

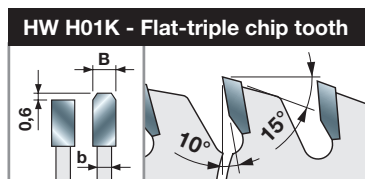
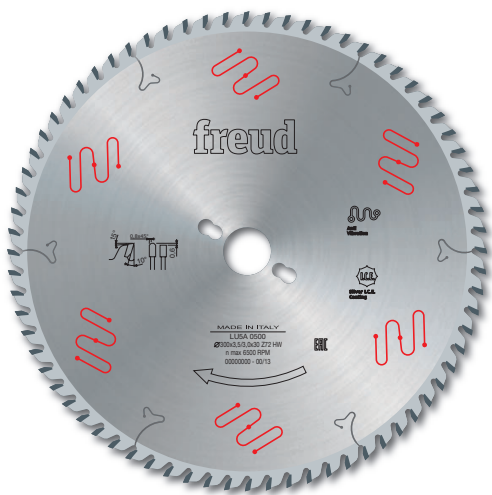


●●● Ultimate ●● High ● Good

D	B	b	d	Z	FT	Freud Code	Art. No.
mm	mm	mm	mm				
400	3,5	3,0	30	96	2/11/63 + 2/11/70	LU5H40001	F03FS12972
400	3,5	3,0	32	96	2/11/63 + 2/11/70	LU5H40002	F03FS12973
400	3,5	3,0	30	120	2/11/63 + 2/11/70	LU5H40003	F03FS12974
400	3,5	3,0	32	120	2/11/63 + 2/11/70	LU5H40004	F03FS12975
420	3,5	3,0	30	100	2/11/63 + 2/11/70	LU5H42001	F03FS12977
420	3,5	3,0	32	100	2/11/63 + 2/11/70	LU5H42002	F03FS12978
420	3,5	3,0	30	120	2/11/63 + 2/11/70	LU5H42003	F03FS12979
420	3,5	3,0	32	120	2/11/63 + 2/11/70	LU5H42004	F03FS12980
450	3,5	3,0	30	108	2/11/63 + 2/11/70	LU5H45001	F03FS12981
450	3,5	3,0	32	108	2/11/63 + 2/11/70	LU5H45002	F03FS12982
450	3,5	3,0	30	128	2/11/63 + 2/11/70	LU5H45003	F03FS12983
450	3,5	3,0	32	128	2/11/63 + 2/11/70	LU5H45004	F03FS12984
500	4,0	3,4	30	120	2/11/63 + 2/11/70	LU5H50001	F03FS12985
500	4,0	3,4	32	120	2/11/63 + 2/11/70	LU5H50002	F03FS12986
500	4,0	3,4	30	140	2/11/63 + 2/11/70	LU5H50003	F03FS12987
500	4,0	3,4	32	140	2/11/63 + 2/11/70	LU5H50004	F03FS12988
550	4,0	3,4	30	132	2/11/63 + 2/11/70	LU5H55001	F03FS12989
550	4,0	3,4	32	132	2/11/63 + 2/11/70	LU5H55002	F03FS12990
550	4,0	3,4	40	132	2/11/63 + 2/11/70	LU5H55003	F03FS12991
550	4,0	3,4	30	148	2/11/63 + 2/11/70	LU5H55004	F03FS12992
550	4,0	3,4	32	148	2/11/63 + 2/11/70	LU5H55005	F03FS12993
550	4,0	3,4	40	148	2/11/63 + 2/11/70	LU5H55006	F03FS12994
600	4,7	4,0	30	144	2/11/63 + 2/11/70	LU5H60001	F03FS12995
600	4,7	4,0	32	144	2/11/63 + 2/11/70	LU5H60002	F03FS12996
600	4,7	4,0	40	144	2/11/63 + 2/11/70	LU5H60003	F03FS12997
650	5,0	4,2	30	144	2/11/63 + 2/11/70	LU5H65001	F03FS12998
650	5,0	4,2	32	144	2/11/63 + 2/11/70	LU5H65002	F03FS12999
650	5,0	4,2	40	144	2/11/63 + 2/11/70 + 4/6,5/70	LU5H65003	F03FS13000
700	5,0	4,2	30	144	2/11/63 + 2/11/70	LU5H70001	F03FS13001



Minimum and maximum RPM based on the blade diameter.



Machines:
Double head cutting machines and CNC cutting units.

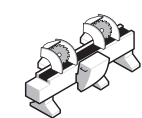
Materials:
Aluminium, copper and brass.

Applications:
Aluminium and non-ferrous metals cutting.

Technical information:
To cut solid drawn products with a thickness between 2 and 10 mm.

LU5A

Saw blades to cut non-ferrous metals



Double Head Cutting Machines



CNC Cutting Units



Aluminium



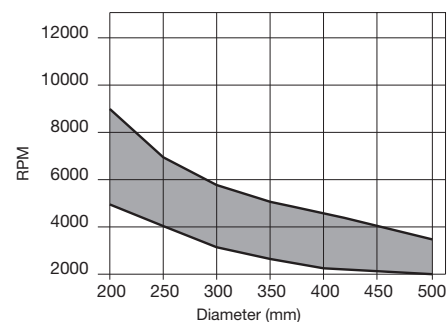
Copper and Brass



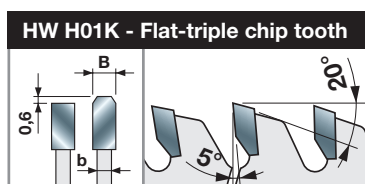
●●● Ultimate ●● High ● Good

D mm	B mm	b mm	d mm	Z	NL	Freud Code	Art. No.
200	2,8	2,2	30	54	-	LU5A 0100	F03FS05181
250	3,5	3,0	30	60	FT02	LU5A 0200	F03FS05182
250	3,5	3,0	32	60	2/11/63	LU5A 0300	F03FS05183
300	3,5	3,0	30	72	FT02	LU5A 0500	F03FS05186
300	3,5	3,0	32	72	2/11/63	LU5A 0600	F03FS05187
330	3,5	3,0	30	84	FT02	LU5A 0800	F03FS05190
330	3,5	3,0	32	84	2/11/63	LU5A 0900	F03FS05192
350	3,5	3,0	30	84	FT02	LU5A 1000	F03FS05193
350	3,5	3,0	32	84	2/11/63	LU5A 1100	F03FS05194
350	3,5	3,0	40	84	2/9/55 + 4/12/64	LU5A 1200	F03FS05196
370	3,5	3,0	30	90	-	LU5A 1300	F03FS05197
370	3,5	3,0	50	90	4/15/80	LU5A 1400	F03FS05198
380	3,5	3,0	32	96	2/11/63	LU5A 1500	F03FS05199
400	3,5	3,0	30	96	2/11/63	LU5A 1600	F03FS05200
400	3,5	3,0	32	96	2/11/63	LU5A 1700	F03FS05202
400	3,5	3,0	40	96	2/12/64 + 2/15/80	LU5A 1800	F03FS05205
400	3,5	3,0	50	96	4/15/80	LU5A 1900	F03FS05206
420	3,5	3,0	30	96	2/11/70	LU5A 2000	F03FS05207
450	4,0	3,2	30	108	2/11/63	LU5A 2100	F03FS05208
450	4,0	3,2	32	108	2/11/63	LU5A 2200	F03FS05210
450	4,0	3,2	40	108	2/12/64 + 2/15/80	LU5A 2300	F03FS08047
450	4,0	3,2	50	108	4/15/80	LU5A 2400	F03FS07420
500	4,0	3,2	30	120	2/10,5/70	LU5A 2500	F03FS05212
500	4,0	3,2	32	120	2/11/63	LU5A 2600	F03FS05214
500	4,0	3,2	50	120	4/15/80	LU5A 2700	F03FS08244
500	4,4	3,5	30	120	-	LU5A 3000	F03FS07543
530	4,2	3,5	30	126	2/10,5/70	LU5A 2800	F03FS06607
550	4,2	3,5	30	132	2/10,5/70	LU5A 2900	F03FS06608

FT02: 2/9/46,4 + 2/10/60



Minimum and maximum RPM based on the blade diameter.



Machines:

Double head cutting machines and CNC cutting units.

Materials:

Aluminium, copper, brass, plastics and PVC.

Applications:

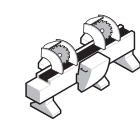
Aluminium, non-ferrous metals and plastic cutting.

Technical information:

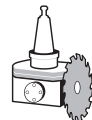
To cut drawn products and tubes with a thickness between 2 and 5 mm, as well as polymeric panels up to 20 mm. Suitable for PVC profiles cutting.

LU5B

Saw blades to cut non-ferrous metals and plastics



Double Head Cutting Machines



CNC Cutting Units



Aluminium



Copper and Brass



Plastics



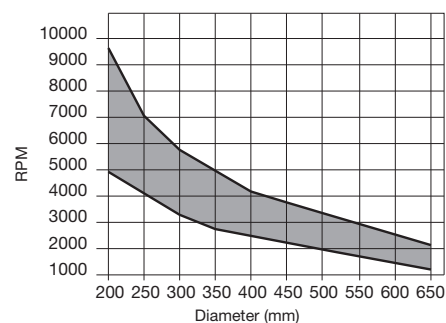
PVC



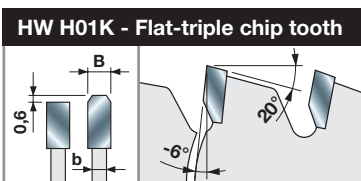
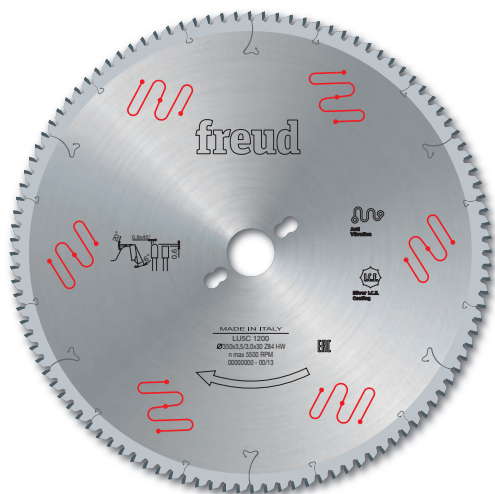
●●● Ultimate ●● High ● Good

D mm	B mm	b mm	d mm	Z	NL	Freud Code	Art. No.
200	2,8	2,2	30	64	-	LU5B 0100	F03FS05217
250	3,5	3,0	30	80	FT02	LU5B 0200	F03FS05218
250	3,5	3,0	32	80	2/11/63	LU5B 0300	F03FS05221
275	3,5	3,0	40	84	2/9/55 + 4/12/64	LU5B 0400	F03FS05223
300	3,5	3,0	30	88	FT02	LU5B 0500	F03FS05224
300	3,5	3,0	32	88	2/11/63	LU5B 0600	F03FS05225
300	3,5	3,0	40	88	2/9/55 + 4/12/64	LU5B 0700	F03FS05227
300	3,5	3,0	30	96	FT02	LU5B 0800	F03FS05228
300	3,5	3,0	32	96	2/11/63	LU5B 0900	F03FS05230
300	3,5	3,0	40	96	2/9/55 + 4/12/64	LU5B 1000	F03FS05232
330	3,5	3,0	30	104	FT02	LU5B 1100	F03FS05233
330	3,5	3,0	32	104	2/11/63	LU5B 1200	F03FS05234
350	3,5	3,0	30	96	FT02	LU5B 1300	F03FS05235
350	3,5	3,0	32	96	2/11/63	LU5B 1400	F03FS05236
350	3,5	3,0	40	96	2/9/55 + 4/12/64	LU5B 1500	F03FS05238
350	3,5	3,0	30	108	FT02	LU5B 1600	F03FS05239
350	3,5	3,0	32	108	2/11/63	LU5B 1700	F03FS05240
350	3,5	3,0	40	108	2/9/55 + 4/12/64	LU5B 1800	F03FS05242
370	3,5	3,0	30	112	-	LU5B 1900	F03FS07745
370	3,5	3,0	50	112	4/15/80	LU5B 2000	F03FS05243
380	3,5	3,0	32	112	2/11/63	LU5B 2100	F03FS05244
400	3,5	3,0	30	120	2/11/63	LU5B 2200	F03FS05245
400	3,5	3,0	32	120	2/11/63	LU5B 2300	F03FS05246
400	3,5	3,0	40	120	2/12/64 + 2/15/80	LU5B 2400	F03FS05248
400	3,5	3,0	50	120	4/15/80	LU5B 2500	F03FS05249
400	3,5	3,0	75	120	2/15/96 + 2/15/114 + 4/18/105	LU5B 2275	F03FS09967
420	3,5	3,0	30	120	2/11/70	LU5B 2600	F03FS05250
450	4,0	3,0	30	128	-	LU5B 2700	F03FS05251
450	4,0	3,0	32	128	2/11/63	LU5B 2800	F03FS05252
500	4,0	3,2	30	140	2/10,5/70	LU5B 3100	F03FS05254
500	4,0	3,2	32	140	2/11/63	LU5B 3200	F03FS05255
550	4,2	3,5	30	148	2/11/63	LU5B 3500	F03FS05257
550	4,2	3,5	32	148	2/11/63	LU5B 3800	F03FS05260
600	4,8	4	30	156		LU5B 3600	F03FS05258

FT02: 2/9/46,4 + 2/10/60



Minimum and maximum RPM based on the blade diameter.



Machines:
Double head cutting machines, mitre saws.

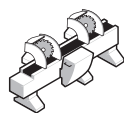
Materials:
Aluminium, copper and brass.

Applications:
Aluminium and non-ferrous metals cutting.

Technical information:
To cut solid drawn products whose thickness exceeds 3 mm.
It is recommended to use it on cutting machines where the saw blade is over the workpiece to be cut.

LU5C

Saw blades to cut non-ferrous metals



Double Head Cutting Machines



Mitre Saws



Aluminium



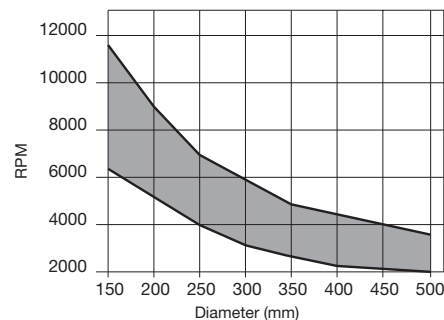
Copper and Brass



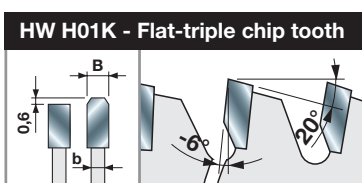
●●● Ultimate ●● High ● Good

D mm	B mm	b mm	d mm	Z	NL	Freud Code	Art. No.
180	2,8	2,2	20	42	-	LU5C 0100	F03FS07195
180	2,8	2,2	30	42	-	LU5C 0200	F03FS05261
200	2,8	2,2	30	48	-	LU5C 0300	F03FS05262
250	3,5	3,0	30	54	-	LU5C 0400	F03FS05263
275	3,5	3,0	40	60	-	LU5C 0600	F03FS05264
300	3,5	3,0	30	72	FT02	LU5C 0700	F03FS05265
300	3,5	3,0	32	72	2/11/63	LU5C 0800	F03FS05266
300	3,5	3,0	40	72	2/9/55 + 4/12/64	LU5C 0900	F03FS05267
330	3,5	3,0	30	80	-	LU5C 1000	F03FS05268
350	3,5	3,0	30	84	FT01	LU5C 1200	F03FS05270
350	3,5	3,0	32	84	2/11/63	LU5C 1300	F03FS05271
350	3,5	3,0	40	84	2/9/55 + 4/12/64	LU5C 1400	F03FS05272
370	3,5	3,0	30	90	-	LU5C 1500	F03FS05273
370	3,5	3,0	50	90	4/15/80	LU5C 1600	F03FS05274
380	3,5	3,0	32	96	2/11/63	LU5C 1700	F03FS05275
400	3,5	3,0	30	96	2/11/70	LU5C 1800	F03FS05276
400	3,5	3,0	32	96	2/11/63	LU5C 1900	F03FS05277
400	3,5	3,0	40	96	2/12/64 + 2/15/80	LU5C 2000	F03FS05278
400	3,5	3,0	50	96	4/15/80	LU5C 2100	F03FS05279
420	4,0	3,2	30	96	2/11/70	LU5C 2200	F03FS05280
420	4,0	3,2	40	96	-	LU5C 2300	F03FS05281
450	4,0	3,2	30	108	-	LU5C 2400	F03FS05282
450	4,0	3,2	32	108	2/11/63	LU5C 2500	F03FS05283
450	4,0	3,2	40	108	2/12/64 + 2/15/80	LU5C 2600	F03FS05284
450	4,0	3,2	50	108	4/15/80	LU5C 2700	F03FS05285
500	4,0	3,2	30	120	-	LU5C 2800	F03FS06110
500	4,0	3,2	32	120	2/11/63	LU5C 2900	F03FS05286

FT01: 2/7/42 + 2/9/46,4 + 2/10/60 - FT02: 2/9/46,4 + 2/10/60



Minimum and maximum RPM based on the blade diameter.



Double head cutting machines, mitre saws.

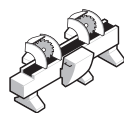
Aluminium, copper, brass, plastics and PVC.

Applications:
Aluminium, non-ferrous metals and plastics cutting.

To cut drawn products and tubes whose thickness does not exceed 3 mm.
It is recommended to use it on cutting machines where the saw blade is over the workpiece to be cut.

Suitable for PVC profiles cutting.

Saw blades to cut non-ferrous metals and plastics



Double Head Cutting Machines



Mitre Saws



Aluminium



Copper and Brass



Plastics



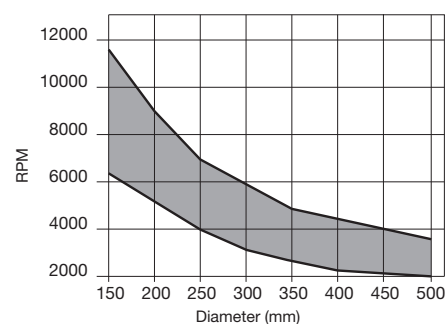
PVC



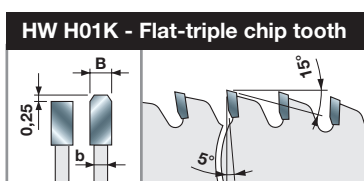
●●● Ultimate ●● High ● Good

D	B	b	d	Z	NL	Freud Code	Art. No.
mm	mm	mm	mm				
160	2,8	2,2	20	42	-	LU5D 0100	F03FS05288
190	2,8	2,2	30	54	-	LU5D 0200	F03FS05289
200	2,8	2,2	30	60	-	LU5D 0300	F03FS05290
210	2,8	2,2	30	60	-	LU5D 0400	F03FS05291
216	2,8	2,2	30	60	-	LU5D 0500	F03FS05292
220	3,0	2,5	30	64	FT02	LU5D 0600	F03FS05293
230	3,0	2,5	30	64	-	LU5D 0700	F03FS05294
250	3,5	3,0	30	80	FT02	LU5D 0800	F03FS05295
250	3,5	3,0	32	80	2/11/63	LU5D 0900	F03FS05297
250	3,5	3,0	40	80	2/9/55 + 4/12/64	LU5D 1000	F03FS05299
275	3,5	3,0	40	84	2/9/55 + 4/12/64	LU5D 1100	F03FS05300
300	3,5	3,0	30	96	FT02	LU5D 1200	F03FS05301
300	3,5	3,0	32	96	2/11/63	LU5D 1300	F03FS05303
300	3,5	3,0	40	96	2/9/55 + 4/12/64	LU5D 1400	F03FS05305
330	3,5	3,0	30	104	FT02	LU5D 1500	F03FS05306
330	3,5	3,0	32	104	2/11/63	LU5D 1600	F03FS05308
350	3,5	3,0	30	108	FT02	LU5D 1700	F03FS05309
350	3,5	3,0	32	108	2/11/63	LU5D 1800	F03FS05311
350	3,5	3,0	40	108	2/9/55 + 4/12/64	LU5D 1900	F03FS05313
370	3,5	3,0	30	108	-	LU5D 2000	F03FS05314
380	3,5	3,0	32	108	2/11/63	LU5D 2200	F03FS05315
400	3,5	3,0	30	120	-	LU5D 2300	F03FS05316
400	3,5	3,0	32	120	2/11/63	LU5D 2400	F03FS05317
400	3,5	3,0	40	120	2/15/80 + 2/12/64	LU5D 2500	F03FS05318
400	3,5	3,0	50	120	4/15/80	LU5D 2600	F03FS05319
420	4,0	3,2	30	120	2/11/70	LU5D 2700	F03FS05320
420	4,0	3,2	40	120	-	LU5D 2800	F03FS05321
450	4,0	3,2	30	128	-	LU5D 2900	F03FS05322
500	4,0	3,2	32	140	2/11/63	LU5D 3400	F03FS05323

FT02: 2/9/46,4 + 2/10/60

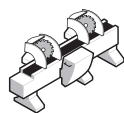


Minimum and maximum RPM based on the blade diameter.



The reduced kerf grants an excellent cutting finishing with no burns and enables the use of the blade on low-power cutting machines.

Reduced kerf saw blades to cut non-ferrous metals



Double Head Cutting Machines



Mitre Saws



Aluminium



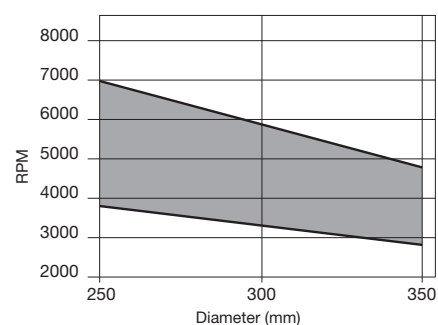
Copper and Brass



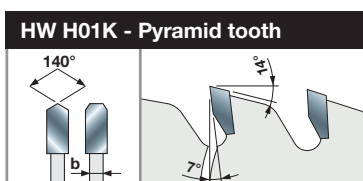
●●● Ultimate ●● High ● Good

D	B	b	d	Z	NL	Freud Code	Art. No.
mm	mm	mm	mm				
250	2,8	2,2	30	100	FT01		F03FS05324
250	2,8	2,2	32	100	2/11/63		F03FS05325
255	2,8	2,2	25,4	100	-		F03FS05327
255	2,8	2,2	25,4	120	-		F03FS05329
300	3,0	2,5	30	100	FT02		F03FS05331
300	3,0	2,5	30	120	FT02		F03FS05334
300	3,0	2,5	32	120	2/11/63		F03FS05337
305	3,0	2,5	25,4	120	-		F03FS05333
350	3,0	2,5	30	100	FT02		F03FS05339
350	3,0	2,5	32	100	2/11/63		F03FS05340
350	3,0	2,5	30	120	FT02		F03FS05341
350	3,0	2,5	32	120	2/11/63		F03FS05342

FT01: 2/7/42 + 2/9/46,4 + 2/10/60 - **FT02:** 2/9/46,4 + 2/10/60



Minimum and maximum RPM based on the blade diameter.



Machines:

Double head cutting machines and CNC cutting units.

Materials:

Aluminium, copper, brass, plastics and PVC.

Applications:

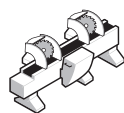
Aluminium, non-ferrous metals and plastics cutting.

Technical information:

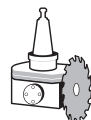
Saw blades to cut thin wall aluminium profiles up to 4,5 mm for doors and windows, also including built-in plastic profiles.

LU5F

Saw blades to cut non-ferrous metals and plastics



Double Head Cutting Machines



CNC Cutting Units



Aluminium



Copper and Brass



Plastics

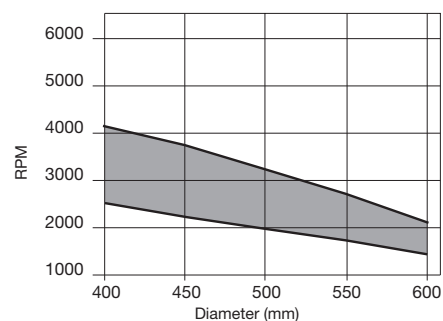


PVC



●●●● Ultimate ●● High ● Good

D mm	B mm	b mm	d mm	Z	NL	Freud Code	Art. No.
400	3,5	3,0	30	96	2/11/63 + 2/11/70	LU5F40001	F03FS07683
400	3,5	3,0	32	96	2/11/63 + 2/11/70	LU5F40002	F03FS07684
400	3,5	3,0	30	120	2/11/63 + 2/11/70	LU5F40003	F03FS07685
400	3,5	3,0	32	120	2/11/63 + 2/11/70	LU5F40004	F03FS07686
420	3,5	3,0	30	100	2/11/63 + 2/11/70	LU5F42001	F03FS07687
420	3,5	3,0	32	100	2/11/63 + 2/11/70	LU5F42002	F03FS07688
450	3,5	3,0	30	108	2/11/63 + 2/11/70	LU5F45001	F03FS07689
450	3,5	3,0	32	108	2/11/63 + 2/11/70	LU5F45002	F03FS07690
500	4,0	3,5	30	120	2/11/63 + 2/11/70	LU5F50001	F03FS07691
500	4,0	3,5	32	120	2/11/63 + 2/11/70	LU5F50002	F03FS07692
530	4,0	3,5	30	126	2/11/63 + 2/11/70	LU5F53001	F03FS07693
530	4,0	3,5	32	126	2/11/63 + 2/11/70	LU5F53002	F03FS07694
550	4,0	3,5	30	132	2/11/63 + 2/11/70	LU5F55001	F03FS07695
550	4,0	3,5	32	132	2/11/63 + 2/11/70	LU5F55002	F03FS07696
600	4,7	4,0	30	144	2/11/63 + 2/11/70	LU5F60001	F03FS07697
600	4,7	4,0	32	144	2/11/63 + 2/11/70	LU5F60002	F03FS07698
600	4,7	4,0	30	156	2/11/63 + 2/11/70	LU5F60003	F03FS07699
600	4,7	4,0	32	156	2/11/63 + 2/11/70	LU5F60004	F03FS07700



Minimum and maximum RPM based on the blade diameter.