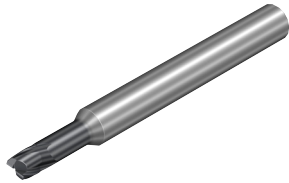


CoroMill® Dura solid carbide end mills for universal use

Two cutting edges – for milling keyways P9

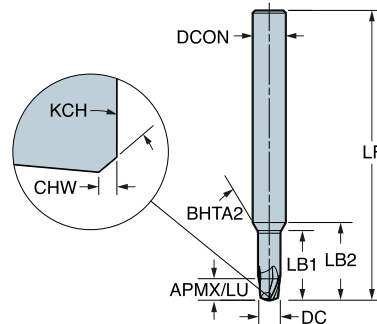
1K212 – 1xD



FHA 28°
 BSG COROMANT
 TCDC e8
 TCDCON h6
 ZEFP 2



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
2.0	6	2.0			2.0	2	28°	1K212-0200-XA	★	★	★	★	★	6.0	50.0	8.5	12.0	30°	
3.0	6	3.0	0.08	45°	3.0	2	28°	1K212-0300-XA	★	★	★	★	★	6.0	50.0	10.0	12.6	30°	
3.8	6	3.8	0.08	45°	3.8	2	28°	1K212-0380-XA	★	★	★	★	★	6.0	54.0	12.7	14.6	30°	
4.0	6	4.0	0.13	45°	4.0	2	28°	1K212-0400-XA	★	★	★	★	★	6.0	54.0	12.5	14.2	30°	
4.8	6	4.8	0.13	45°	4.8	2	28°	1K212-0480-XA	★	★	★	★	★	6.0	54.0	15.0	16.0	30°	
5.0	6	5.0	0.13	45°	5.0	2	28°	1K212-0500-XA	★	★	★	★	★	6.0	54.0	14.0	14.9	30°	
* 5.75	6	5.75	0.13	45°	5.75	2	28°	1K212-0575-XB	★	★	★	★	★	6.0	57	16.1	16.3	30°	
5.8	6	5.8	0.13	45°	5.8	2	28°	1K212-0580-XA	★	★	★	★	★	6.0	57.0	16.3	16.5	30°	

*New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

Two cutting edges – for milling keyways P9

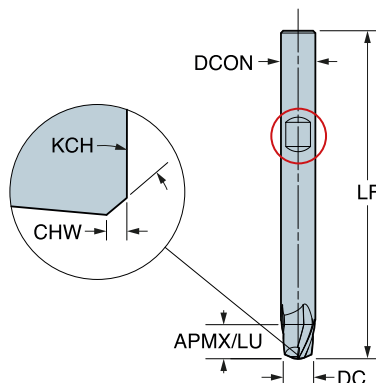
1K212 – 1xD

FHA
BSG
TCDC
TCDCON
ZEFP

28°
COROMANT
e8
h6
2



ISO areas of application



Metric version														Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	P 1730	M 1730	K 1730	N 1730	S 1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
6.0	6	6.0	0.13	45°	6.0	2	28°	1K212-0600-XB	★	★	★	★	★	6.0	57.0				
* 7	8	7	0.13	45	7	2	28°	1K212-0700-XB	★	★	★	★	★	8	63	18.9	19.7	30°	
* 7.75	8	7.75	0.13	45	7.75	2	28°	1K212-0775-XB	★	★	★	★	★	8	63	20.9	21.1	30°	
7.8	8	7.8	0.13	45°	7.8	2	28°	1K212-0780-XB	★	★	★	★	★	8.0	63.0	21.1			
8.0	8	8.0	0.20	45°	8.0	2	28°	1K212-0800-XB	★	★	★	★	★	8.0	63.0				
* 9	10	9	0.2	45	9	2	28°	1K212-0900-XB	★	★	★	★	★	10	72	24.3	25.1	30°	
9.7	10	9.7	0.20	45°	9.7	2	28°	1K212-0970-XB	★	★	★	★	★	10.0	72.0	26.2			
10.0	10	10.0	0.20	45°	10.0	2	28°	1K212-1000-XB	★	★	★	★	★	10.0	72.0				
11.7	12	11.7	0.20	45°	11.7	2	28°	1K212-1170-XB	★	★	★	★	★	12.0	83.0	30.5			
12.0	12	12.0	0.20	45°	12.0	2	28°	1K212-1200-XB	★	★	★	★	★	12.0	83.0				
* 13.7	14	13.7	0.2	45	13.7	2	28°	1K212-1370-XB	★	★	★	★	★	14	83	34.2	34.5	30°	
* 14	14	14	0.2	45	14	2	28°	1K212-1400-XB	★	★	★	★	★	14	83	-	-	-	
* 15.7	16	15.7	0.2	45	15.7	2	28°	1K212-1570-XB	★	★	★	★	★	16	92	39.2	39.5	30°	
16.0	16	16.0	0.20	45°	16.0	2	28°	1K212-1600-XB	★	★	★	★	★	16.0	92.0				
* 17.7	18	17.7	0.2	45	17.7	2	28°	1K212-1770-XB	★	★	★	★	★	18	92	42.4	42.7	30°	
* 18	18	18	0.2	45	18	2	28°	1K212-1800-XB	★	★	★	★	★	18	92	-	-	-	
* 19.7	20	19.7	0.3	45	19.7	2	28°	1K212-1970-XB	★	★	★	★	★	20	92	47.2	47.5	30°	
20.0	20	20.0	0.30	45°	20.0	2	28°	1K212-2000-XB	★	★	★	★	★	20.0	92.0				

*New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

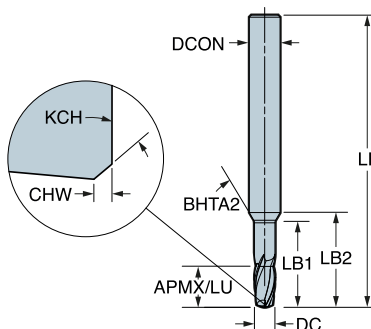
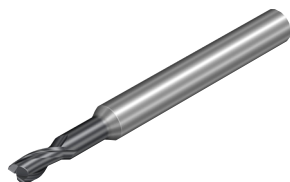
Two cutting edges – for milling keyways P9

1K232 – 2xD

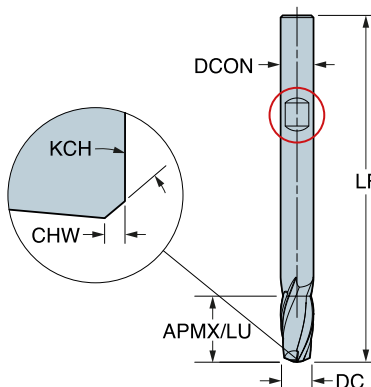
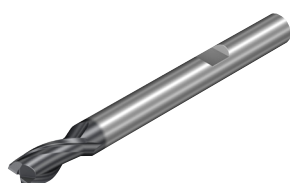
FHA 28°
 BSG COROMANT
 TCDC e8
 TCDCON h6
 ZEFP 2



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
1.0	6	2.0			2.0	2	28°	1K232-0100-XA	★	★	★	★	★	6.0	50.0	8.0	12.3	30°	
2.0	6	4.0			4.0	2	28°	1K232-0200-XA	★	★	★	★	★	6.0	57.0	10.5	14.0	30°	
3.0	6	6.0	0.08	45°	6.0	2	28°	1K232-0300-XA	★	★	★	★	★	6.0	57.0	13.0	15.6	30°	
4.0	6	8.0	0.13	45°	8.0	2	28°	1K232-0400-XA	★	★	★	★	★	6.0	57.0	16.5	18.2	30°	
5.0	6	10.0	0.13	45°	10.0	2	28°	1K232-0500-XA	★	★	★	★	★	6.0	57.0	19.0	19.9	30°	



Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
6.0	6	12.0	0.13	45°	12.0	2	28°	1K232-0600-XB	★	★	★	★	★	6.0	63.0				
8.0	8	16.0	0.20	45°	16.0	2	28°	1K232-0800-XB	★	★	★	★	★	8.0	72.0				
10.0	10	20.0	0.20	45°	20.0	2	28°	1K232-1000-XB	★	★	★	★	★	10.0	82.0				
12.0	12	24.0	0.20	45°	24.0	2	28°	1K232-1200-XB	★	★	★	★	★	12.0	92.0				
16.0	16	32.0	0.20	45°	32.0	2	28°	1K232-1600-XB	★	★	★	★	★	16.0	104.0				
20.0	20	40.0	0.30	45°	40.0	2	28°	1K232-2000-XB	★	★	★	★	★	20.0	114.0				

CoroMill® Dura solid carbide end mills for universal use

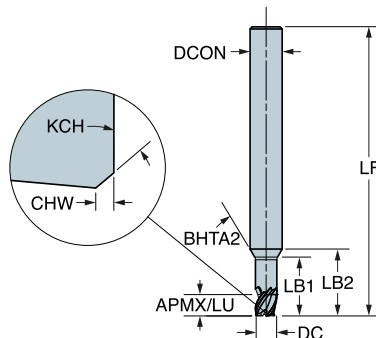
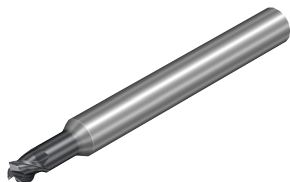
Three cutting edges – for milling keyways P9

1K313 – 1xD

FHA 38°
 BSG COROMANT
 TCDC e8
 TCDCON h6
 ZEFP 3



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
2.0	6	2.0			2.0	3	38°	1K313-0200-XA	★	★	★	★	★	6.0	50.0	6.0	9.5	30°	
3.0	6	3.0	0.08	45°	3.0	3	38°	1K313-0300-XA	★	★	★	★	★	6.0	50.0	8.5	11.1	30°	
3.5	6	3.5	0.08	45°	3.5	3	38°	1K313-0350-XA	★	★	★	★	★	6.0	50.0	9.9	12.1	30°	
3.8	6	3.8	0.08	45°	3.8	3	38°	1K313-0380-XA	★	★	★	★	★	6.0	54.0	10.8	12.7	30°	
4.0	6	4.0	0.13	45°	4.0	3	38°	1K313-0400-XA	★	★	★	★	★	6.0	54.0	10.5	12.2	30°	
4.5	6	4.5	0.13	45°	4.5	3	38°	1K313-0450-XA	★	★	★	★	★	6.0	54.0	11.8	13.1	30°	
4.8	6	4.8	0.13	45°	4.8	3	38°	1K313-0480-XA	★	★	★	★	★	6.0	54.0	12.6	13.6	30°	
5.0	6	5.0	0.13	45°	5.0	3	38°	1K313-0500-XA	★	★	★	★	★	6.0	54.0	12.0	12.9	30°	
* 5.75	6	5.75	0.13	45°	5.75	3	38°	1K313-0575-XA	★	★	★	★	★	6.0	54.0	13.8	14.0	30°	
5.8	6	5.8	0.13	45°	5.8	3	38°	1K313-0580-XA	★	★	★	★	★	6.0	54.0	13.9	14.1	30°	

*New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

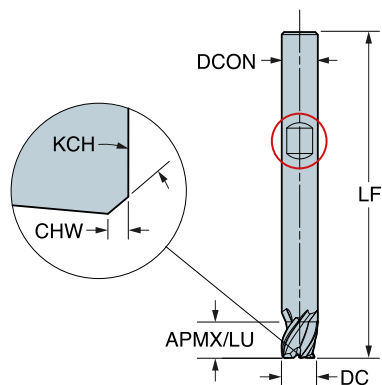
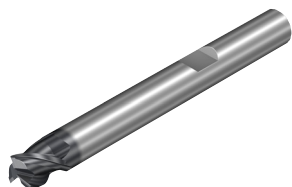
Three cutting edges – for milling keyways P9

1K313 – 1xD

FHA 28°
 BSG COROMANT
 TCDC e8
 TCDCON h6
 ZEFP 3



ISO areas of application



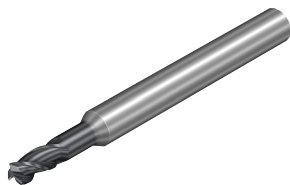
Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
6.0	6	6.0	0.13	45°	6.0	3	38°	1K313-0600-XB	★	★	★	★	★	6.0	54.0				
7.8	8	7.8	0.13	45°	7.8	3	38°	1K313-0780-XB	★	★	★	★	★	8.0	58.0	17.9	18.1	30°	
8.0	8	8.0	0.20	45°	8.0	3	38°	1K313-0800-XB	★	★	★	★	★	8.0	58.0				
9.7	10	9.7	0.20	45°	9.7	3	38°	1K313-0970-XB	★	★	★	★	★	10.0	66.0	22.3	22.5	30°	
10.0	10	10.0	0.20	45°	10.0	3	38°	1K313-1000-XB	★	★	★	★	★	10.0	66.0				
11.7	12	11.7	0.20	45°	11.7	3	38°	1K313-1170-XB	★	★	★	★	★	12.0	73.0	25.7	26	30°	
12.0	12	12.0	0.20	45°	12.0	3	38°	1K313-1200-XB	★	★	★	★	★	12.0	73.0				
* 13.7	14	13.7	0.20	45°	13.7	3	38°	1K313-1370-XB	★	★	★	★	★	14.0	75.0	29.5	29.8	30°	
* 14	14	14.0	0.20	45°	14.0	3	38°	1K313-1400-XB	★	★	★	★	★	14.0	75.0	-	-	-	
16.0	16	16.0	0.20	45°	16.0	3	38°	1K313-1600-XB	★	★	★	★	★	16.0	82.0				
* 17.7	18	17.7	0.20	45°	17.7	3	38°	1K313-1770-XB	★	★	★	★	★	18.0	84.0	35.4	35.7	30°	
* 18	18	18.0	0.20	45°	18.0	3	38°	1K313-1800-XB	★	★	★	★	★	18.0	84.0	-	-	-	
* 19.7	20	19.7	0.30	45°	19.7	3	38°	1K313-1970-XB	★	★	★	★	★	20.0	92.0	39.4	39.7	30°	
20.0	20	20.0	0.30	45°	20.0	3	38°	1K313-2000-XB	★	★	★	★	★	20.0	92.0				

*New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

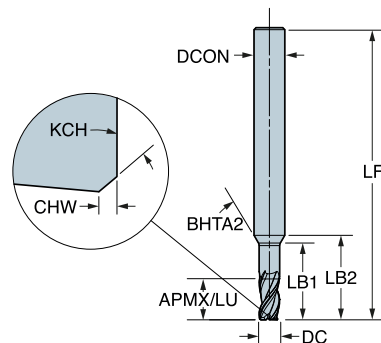
Three cutting edges

1K333 – 2xD



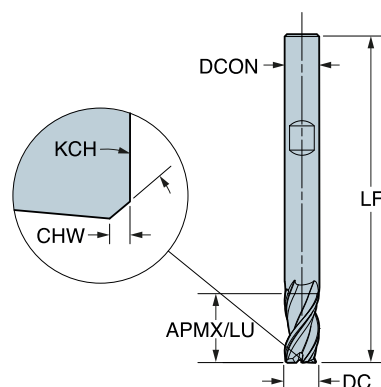
FHA
BSG
TDCD
TDCON
ZEFP

38°
COROMANT
d8
h6
3



ISO areas of application

Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
1.0	6	2.0			2.0	3	38°	1K333-0100-XA	★	★	★	★	★	6.0	50.0	5.0	9.33	30°	
1.5	6	3.0			3.0	3	38°	1K333-0150-XA	★	★	★	★	★	6.0	50.0	8.0	11.9	30°	
1.8	6	3.6			3.6	3	38°	1K333-0180-XA	★	★	★	★	★	6.0	50.0	8.0	11.6	30°	
2.0	6	4.0			4.0	3	38°	1K333-0200-XA	★	★	★	★	★	6.0	50.0	8.0	11.5	30°	
2.5	6	5.0	0.08	45°	5.0	3	38°	1K333-0250-XA	★	★	★	★	★	6.0	50.0	10.0	13.0	30°	
2.8	6	5.6	0.08	45°	5.6	3	38°	1K333-0280-XA	★	★	★	★	★	6.0	57.0	11.2	11.5	30°	
3.0	6	6.0	0.08	45°	6.0	3	38°	1K333-0300-XA	★	★	★	★	★	6.0	57.0	11.5	14.1	30°	
3.5	6	7.0	0.08	45°	7.0	3	38°	1K333-0350-XA	★	★	★	★	★	6.0	57.0	13.4	15.6	30°	
4.0	6	8.0	0.13	45°	8.0	3	38°	1K333-0400-XA	★	★	★	★	★	6.0	57.0	14.5	16.2	30°	
4.5	6	9.0	0.13	45°	9.0	3	38°	1K333-0450-XA	★	★	★	★	★	6.0	57.0	16.3	17.6	30°	
4.8	6	9.6	0.13	45°	9.6	3	38°	1K333-0480-XA	★	★	★	★	★	6.0	57.0	17.4	18.4	30°	
5.0	6	10.0	0.13	45°	10.0	3	38°	1K333-0500-XA	★	★	★	★	★	6.0	57.0	17.0	17.9	30°	
5.5	6	11.0	0.13	45°	11.0	3	38°	1K333-0550-XA	★	★	★	★	★	6.0	57.0	18.7	19.1	30°	



Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
6.0	6	12.0	0.13	45°	12.0	3	38°	1K333-0600-XB	★	★	★	★	★	6.0	57.0				
6.5	8	13.0	0.13	45°	13.0	3	38°	1K333-0650-XB	★	★	★	★	★	8.0	63.0	21.5	22.7	30°	
8.0	8	16.0	0.20	45°	16.0	3	38°	1K333-0800-XB	★	★	★	★	★	8.0	63.0				
10.0	10	20.0	0.20	45°	20.0	3	38°	1K333-1000-XB	★	★	★	★	★	10.0	72.0				
12.0	12	24.0	0.20	45°	24.0	3	38°	1K333-1200-XB	★	★	★	★	★	12.0	83.0				
16.0	16	32.0	0.20	45°	32.0	3	38°	1K333-1600-XB	★	★	★	★	★	16.0	100.0				
20.0	20	40.0	0.30	45°	40.0	3	38°	1K333-2000-XB	★	★	★	★	★	20.0	114.0				

CoroMill® Dura solid carbide end mills for high cutting depths and cutting widths

Three cutting edges

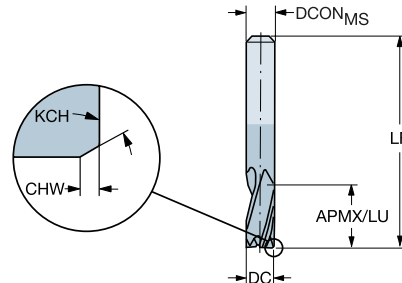
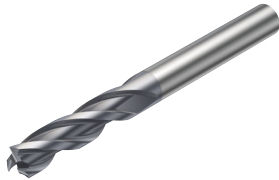
1K273 – 3-4xD

with reduced shank diameter

FHA 30°
BSG COROMANT
TCDC h10
TCDCON h6



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm		Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	
1	3	4			4	3	30°	1K273-0100-XG	★	★	★	★	★	3	38	
1.5	3	6			6	3	30°	1K273-0150-XG	★	★	★	★	★	3	38	
2	3	8			8	3	30°	1K273-0200-XG	★	★	★	★	★	3	38	
3	3	12			12	3	30°	1K273-0300-XG	★	★	★	★	★	3	38	
4	4	14			14	3	30°	1K273-0400-XG	★	★	★	★	★	4	50	
5	6	16			16	3	30°	1K273-0500-XA	★	★	★	★	★	6	57	

New – available from October 2025

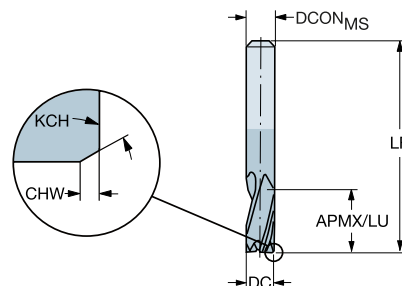
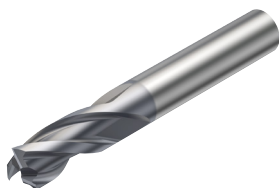
CoroMill® Dura solid carbide end mills for high cutting depths and cutting widths

Three cutting edges

1K283 – 3-5xD

with reinforced shank diameter

FHA 30°
BSG COROMANT
TCDCON h6



Metric version									P	M	K	N	S	Dimensions: mm		Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	
2	6	8.5	-	-	8.5	3	30°	1K283-0200-XA	★	★	★	★	★	6	57	
2.5	6	12.5	0.08	45°	12.5	3	30°	1K283-0250-XA	★	★	★	★	★	6	57	
3	6	12.5	0.08	45°	12.5	3	30°	1K283-0300-XA	★	★	★	★	★	6	57	
4	6	14.5	0.13	45°	14.5	3	30°	1K283-0400-XA	★	★	★	★	★	6	57	

New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

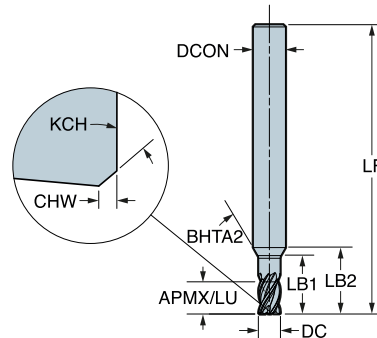
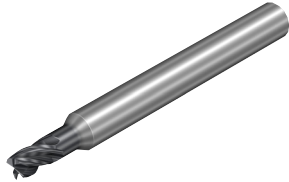
Four cutting edges – for keyways P9
1K324 – 1.5xD

FHA
BSG
TCDC
TCDCON
ZEFP

36°
COROMANT
e8
h6
4



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
2.0	6	3.0			3.0	4	36°	1K324-0200-XA	★	★	★	★	★	6.0	50.0	9.0	12.5	30°	
3.0	6	4.5	0.08	45°	4.5	4	36°	1K324-0300-XA	★	★	★	★	★	6.0	50.0	8.0	10.6	30°	
* 3.8	6	5.7	0.08	45°	5.7	4	35°	1K324-0380-XA	★	★	★	★	★	6.0	54.0	10.3	12.2	30°	
4.0	6	6.0	0.13	45°	6.0	4	35°	1K324-0400-XA	★	★	★	★	★	6.0	54.0	10.0	11.7	30°	
* 4.8	6	7.2	0.13	45°	7.2	4	35°	1K324-0480-XA	★	★	★	★	★	6.0	54.0	12.5	13.6	30°	
5.0	6	7.5	0.13	45°	7.5	4	35°	1K324-0500-XA	★	★	★	★	★	6.0	54.0	13.0	13.9	30°	
* 5.75	6	8.6	0.13	45°	8.6	4	35°	1K324-0575-XA	★	★	★	★	★	6.0	54.0	15.0	15.2	30°	

*New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

Four cutting edges – for keyways P9

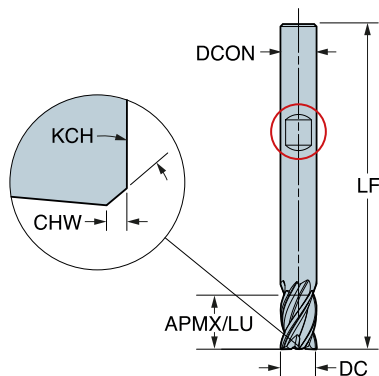
1K324 – 1.5xD

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
e8
h6
4



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
*	6.0	6	9.0	0.13	45°	9.0	4	35°	1K324-0600-XB	★	★	★	★	★	6.0	54.0			
	6.75	8	10.1	0.13	45°	10.1	4	35°	1K324-0675-XB	★	★	★	★	★	8.0	58.0	16.9	17.9	30°
	7.75	8	11.6	0.13	45°	11.6	4	35°	1K324-0775-XB	★	★	★	★	★	8.0	58.0	19.4	19.6	30°
*	8.0	8	12.0	0.20	45°	12.0	4	35°	1K324-0800-XB	★	★	★	★	★	8.0	58.0			
	9.7	10	14.5	0.20	45°	14.5	4	35°	1K324-0970-XB	★	★	★	★	★	10.0	66.0	24.3	24.6	30°
	10.0	10	15.0	0.20	45°	15.0	4	35°	1K324-1000-XB	★	★	★	★	★	10.0	66.0			
*	11.7	12	17.5	0.20	45°	17.5	4	35°	1K324-1170-XB	★	★	★	★	★	12.0	73.0	28.7	28.9	30°
	12.0	12	18.0	0.20	45°	18.0	4	35°	1K324-1200-XB	★	★	★	★	★	12.0	73.0			
	13.7	14	20.5	0.20	45°	20.5	4	35°	1K324-1370-XB	★	★	★	★	★	14.0	83.0	33.6	33.8	30°
*	14.0	14	21.0	0.20	45°	21.0	4	35°	1K324-1400-XB	★	★	★	★	★	14.0	83.0			
	15.7	16	23.5	0.20	45°	23.5	4	35°	1K324-1570-XB	★	★	★	★	★	16.0	92.0	38.5	38.7	30°
	16.0	16	24.0	0.20	45°	24.0	4	35°	1K324-1600-XB	★	★	★	★	★	16.0	92.0			
*	17.7	18	26.5	0.20	45°	26.5	4	35°	1K324-1770-XB	★	★	★	★	★	18.0	92.0	42.5	42.7	30°
	18.0	18	27.0	0.20	45°	27.0	4	35°	1K324-1800-XB	★	★	★	★	★	18.0	92.0	-	-	-
	19.7	20	29.5	0.30	45°	29.5	4	35°	1K324-1970-XB	★	★	★	★	★	20.0	104.0	47.3	47.5	30°
*	20.0	20	30.0	0.30	45°	30.0	4	35°	1K324-2000-XB	★	★	★	★	★	20.0	104.0			
	25.0	25	37.5	0.30	45°	37.5	4	35°	1K324-2500-XB	★	★	★	★	★	25.0	114.0	-	-	-

*New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

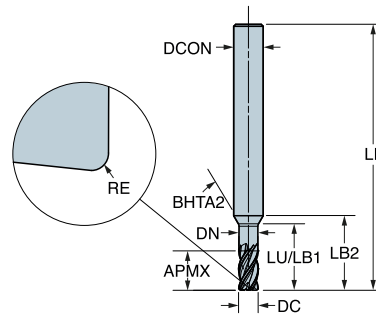
Four cutting edges

1K334 – 2xD

FHA 36°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 4



ISO areas of application



Metric version							Order number	P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	LB ₂	
2.0	6	4.0	0.20	10.0	4	36°	1K334-0200-020-XC	★	★	★	★	★	6.0	50.0	1.9	10.0	13.5	30°
	6	4.0	0.50	10.0	4	36°	1K334-0200-050-XC	★	★	★	★	★	6.0	50.0	1.9	10.0	13.5	30°
3.0	6	6.0	0.20	10.0	4	36°	1K334-0300-020-XC	★	★	★	★	★	6.0	50.0	2.9	10.0	12.7	30°
	6	6.0	0.50	10.0	4	36°	1K334-0300-050-XC	★	★	★	★	★	6.0	50.0	2.9	10.0	12.7	30°
4.0	6	8.0	0.50	13.0	4	35°	1K334-0400-050-XC	★	★	★	★	★	6.0	54.0	3.8	13.0	14.9	30°
	6	8.0	1.00	13.0	4	35°	1K334-0400-100-XC	★	★	★	★	★	6.0	54.0	3.8	13.0	14.9	30°
5.0	6	10.0	0.50	16.0	4	35°	1K334-0500-050-XC	★	★	★	★	★	6.0	54.0	4.8	16.0	17.0	30°
	6	10.0	1.00	16.0	4	35°	1K334-0500-100-XC	★	★	★	★	★	6.0	54.0	4.8	16.0	17.0	30°

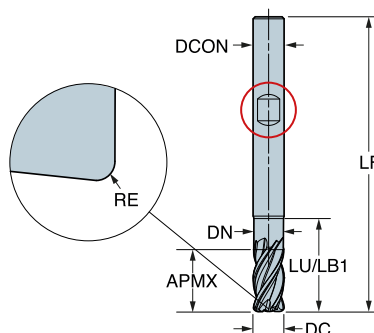
CoroMill® Dura solid carbide end mills for universal use

Four cutting edges

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 4



ISO areas of application



Metric version							Order number	P	M	K	N	S	Dimensions: mm				Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	
6.0	6	13.0	0.50	19.0	4	35°	1K334-0600-050-XD	★	★	★	★	★	6.0	57.0	5.8	19.0	
	6	13.0	1.00	19.0	4	35°	1K334-0600-100-XD	★	★	★	★	★	6.0	57.0	5.8	19.0	
8.0	8	19.0	0.50	26.5	4	35°	1K334-0800-050-XD	★	★	★	★	★	8.0	63.0	7.7	26.5	
	8	19.0	1.00	26.5	4	35°	1K334-0800-100-XD	★	★	★	★	★	8.0	63.0	7.7	26.5	
8.0	8	19.0	2.00	26.5	4	35°	1K334-0800-200-XD	★	★	★	★	★	8.0	63.0	7.7	26.5	
	8	19.0	2.00	26.5	4	35°	1K334-0800-200-XD	★	★	★	★	★	8.0	63.0	7.7	26.5	
10.0	10	22.0	0.50	31.0	4	35°	1K334-1000-050-XD	★	★	★	★	★	10.0	72.0	9.6	31.0	
	10	22.0	1.00	31.0	4	35°	1K334-1000-100-XD	★	★	★	★	★	10.0	72.0	9.6	31.0	
10.0	10	22.0	2.00	31.0	4	35°	1K334-1000-200-XD	★	★	★	★	★	10.0	72.0	9.6	31.0	
	10	22.0	3.00	31.0	4	35°	1K334-1000-300-XD	★	★	★	★	★	10.0	72.0	9.6	31.0	
12.0	12	26.0	0.50	36.0	4	35°	1K334-1200-050-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
	12	26.0	1.00	36.0	4	35°	1K334-1200-100-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
12.0	12	26.0	2.00	36.0	4	35°	1K334-1200-200-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
	12	26.0	4.00	36.0	4	35°	1K334-1200-400-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
16.0	16	32.0	0.50	48.0	4	35°	1K334-1600-050-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
	16	32.0	1.00	48.0	4	35°	1K334-1600-100-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
16.0	16	32.0	2.00	48.0	4	35°	1K334-1600-200-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
	16	32.0	4.00	48.0	4	35°	1K334-1600-400-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
20.0	20	40.0	0.50	60.0	4	35°	1K334-2000-050-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
	20	40.0	1.00	60.0	4	35°	1K334-2000-100-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
20.0	20	40.0	2.00	60.0	4	35°	1K334-2000-200-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
	20	40.0	3.00	60.0	4	35°	1K334-2000-300-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
20.0	20	40.0	4.00	60.0	4	35°	1K334-2000-400-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	

CoroMill® Dura solid carbide end mills for universal use

Four cutting edges

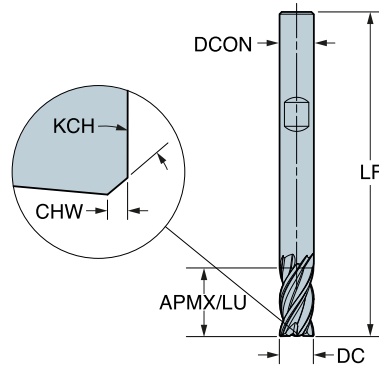
1K334 – 2xD

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
4



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm		Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	
									★	★	★	★	★			
6.0	6	13.0	0.13	45°	13.0	4	35°	1K334-0600-XB	★	★	★	★	★	6.0	57.0	
8.0	8	19.0	0.20	45°	19.0	4	35°	1K334-0800-XB	★	★	★	★	★	8.0	63.0	
10.0	10	22.0	0.20	45°	22.0	4	35°	1K334-1000-XB	★	★	★	★	★	10.0	72.0	
12.0	12	26.0	0.20	45°	26.0	4	35°	1K334-1200-XB	★	★	★	★	★	12.0	83.0	
16.0	16	32.0	0.20	45°	32.0	4	35°	1K334-1600-XB	★	★	★	★	★	16.0	100.0	
20.0	20	40.0	0.30	45°	40.0	4	35°	1K334-2000-XB	★	★	★	★	★	20.0	114.0	

CoroMill® Dura solid carbide end mills for universal use

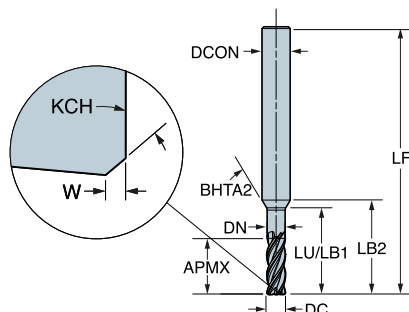
Four cutting edges – for milling keyways P9

1K344 > 2xD

FHA 35°
 BSG COROMANT
 TCDC e8
 TCDCON h6
 ZEFP 4



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	BHTA ₂	
2	6	4.5	-	45°	9	4	35°	1K344-0200-XC	★	★	★	★	★	6	50	1.9	9	30°	
3	6	7	0.08	45°	11	4	35°	1K344-0300-XC	★	★	★	★	★	6	50	2.8	11	30°	
4	6	9	0.08	45°	13.5	4	35°	1K344-0400-XC	★	★	★	★	★	6	54	3.8	13.5	30°	
4.5	6	10	0.13	45°	15	4	35°	1K344-0450-XC	★	★	★	★	★	6	54	4.3	15	30°	
5	6	11	0.13	45°	16.5	4	35°	1K344-0500-XC	★	★	★	★	★	6	54	4.8	16.5	30°	
5.5	6	12	0.13	45°	18.5	4	35°	1K344-0550-XC	★	★	★	★	★	6	57	5.2	18.5	30°	

New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

Four cutting edges – for milling keyways P9

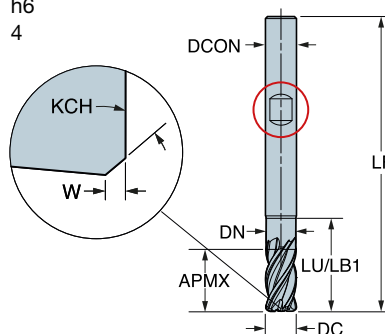
1K344 > 2xD

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
e8
h6
4



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	BHTA ₂	
*	6.0	6	15.0	0.13	45°	20.5	4	35°	1K344-0600-XD	★	★	★	★	★	6.0	57.0	5.8	20.5	30°
	6.5	8	15.0	0.13	45°	22.0	4	35°	1K344-0650-XD	★	★	★	★	★	8.0	63.0	6.2	22.0	30°
*	7.0	8	15.0	0.13	45°	22.0	4	35°	1K344-0700-XD	★	★	★	★	★	8.0	63.0	6.7	22.0	30°
	8.0	8	19.5	0.20	45°	26.7	4	35°	1K344-0800-XD	★	★	★	★	★	8.0	63.0	7.7	26.7	30°
*	9.0	10	19.5	0.20	45°	29.0	4	35°	1K344-0900-XD	★	★	★	★	★	10	72.0	8.6	29.0	30°
	10.0	10	23.0	0.20	45°	31.5	4	35°	1K344-1000-XD	★	★	★	★	★	10.0	72.0	9.6	31.5	30°
*	11.0	12	23.0	0.20	45°	34.0	4	35°	1K344-1100-XD	★	★	★	★	★	12.0	83.0	10.5	34.0	30°
	12.0	12	27.0	0.20	45°	37.5	4	35°	1K344-1200-XD	★	★	★	★	★	12.0	83.0	11.5	37.5	30°
*	13.0	14	28.0	0.20	45°	41.0	4	35°	1K344-1300-XD	★	★	★	★	★	14.0	92.0	12.4	41.0	30°
	14.0	14	30.0	0.20	45°	42.0	4	35°	1K344-1400-XD	★	★	★	★	★	14.0	92.0	13.4	42.0	30°
*	15.0	16	32.0	0.20	45°	47.0	4	35°	1K344-1500-XD	★	★	★	★	★	16.0	100.0	14.4	47.0	30°
	16.0	16	36.0	0.20	45°	48.8	4	35°	1K344-1600-XD	★	★	★	★	★	16.0	100.0	15.4	48.8	30°
*	18.0	18	38.0	0.20	45°	54.0	4	35°	1K344-1800-XD	★	★	★	★	★	18.0	104.0	17.2	54.0	30°
	20.0	20	41.0	0.30	45°	56.0	4	35°	1K344-2000-XD	★	★	★	★	★	20.0	111.0	19.2	56.0	30°
*	25.0	25	52.0	0.30	45°	75.0	4	35°	1K344-2500-XD	★	★	★	★	★	25.0	135.0	24.0	75.0	30°

*New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

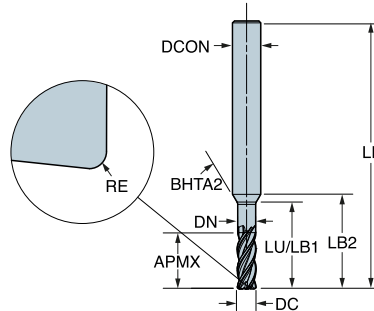
Four cutting edges – with chip breaker
from DC 6 mm
1K354 – 3xD

FHA
BSG
TCDC
TCDCON
ZEFP

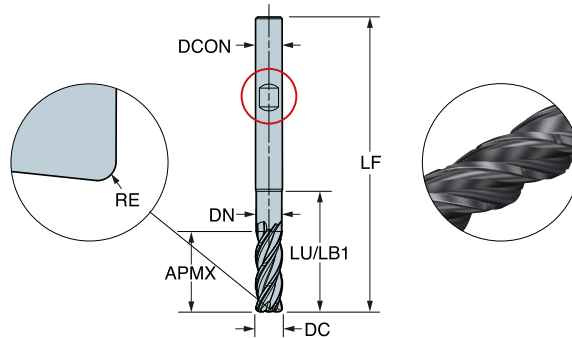
36°
COROMANT
h10
h6
4



ISO areas of application



Metric version								P	M	K	N	S	Dimensions: mm						Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	LB ₂	BHTA ₂	
2.0	6	6.0	0.20	12.0	4	36°	1K354-0200-020-XC	★	★	★	★	★	6.0	57.0	1.9	12.0	15.5	30°	
	6	6.0	0.50	12.0	4	36°	1K354-0200-050-XC	★	★	★	★	★	6.0	57.0	1.9	12.0	15.5	30°	
3.0	6	9.0	0.20	13.5	4	36°	1K354-0300-020-XC	★	★	★	★	★	6.0	57.0	2.9	13.5	16.2	30°	
	6	9.0	0.50	13.5	4	36°	1K354-0300-050-XC	★	★	★	★	★	6.0	57.0	2.9	13.5	16.2	30°	
3.5	6	9.0	0.20	15.8	4	35°	1K354-0350-020-XC	★	★	★	★	★	6.0	57.0	3.4	15.8	18.0	30°	
4.0	6	12.0	0.20	18.0	4	35°	1K354-0400-020-XC	★	★	★	★	★	6.0	57.0	3.8	18.0	19.9	30°	
	6	12.0	0.50	18.0	4	35°	1K354-0400-050-XC	★	★	★	★	★	6.0	57.0	3.8	18.0	19.9	30°	
5.0	6	15.0	0.50	22.5	4	35°	1K354-0500-050-XC	★	★	★	★	★	6.0	66.0	4.8	22.5	23.5	30°	
	6	15.0	1.00	22.5	4	35°	1K354-0500-100-XC	★	★	★	★	★	6.0	66.0	4.8	22.5	23.5	30°	



Metric version								P	M	K	N	S	Dimensions: mm				Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	
6.0	6	18.0	0.50	27.0	4	35°	1K354-0600-050-XD	★	★	★	★	★	6.0	66.0	5.8	27.0	
	6	18.0	1.00	27.0	4	35°	1K354-0600-100-XD	★	★	★	★	★	6.0	66.0	5.8	27.0	
8.0	8	24.0	0.50	36.0	4	35°	1K354-0800-050-XD	★	★	★	★	★	8.0	73.0	7.7	36.0	
	8	24.0	1.00	36.0	4	35°	1K354-0800-100-XD	★	★	★	★	★	8.0	73.0	7.7	36.0	
	8	24.0	2.00	36.0	4	35°	1K354-0800-200-XD	★	★	★	★	★	8.0	73.0	7.7	36.0	
	10	30.0	0.50	45.0	4	35°	1K354-1000-050-XD	★	★	★	★	★	10.0	87.0	9.6	45.0	
10.0	10	30.0	1.00	45.0	4	35°	1K354-1000-100-XD	★	★	★	★	★	10.0	87.0	9.6	45.0	
	10	30.0	2.00	45.0	4	35°	1K354-1000-200-XD	★	★	★	★	★	10.0	87.0	9.6	45.0	
12.0	12	36.0	1.00	54.0	4	35°	1K354-1200-100-XD	★	★	★	★	★	12.0	104.0	11.5	54.0	
	12	36.0	2.00	54.0	4	35°	1K354-1200-200-XD	★	★	★	★	★	12.0	104.0	11.5	54.0	
	12	36.0	3.00	54.0	4	35°	1K354-1200-300-XD	★	★	★	★	★	12.0	104.0	11.5	54.0	
	16	48.0	1.00	72.0	4	35°	1K354-1600-100-XD	★	★	★	★	★	16.0	126.0	15.4	72.0	
16.0	16	48.0	2.00	72.0	4	35°	1K354-1600-200-XD	★	★	★	★	★	16.0	126.0	15.4	72.0	
	16	48.0	3.00	72.0	4	35°	1K354-1600-300-XD	★	★	★	★	★	16.0	126.0	15.4	72.0	
20.0	20	60.0	2.50	90.0	4	35°	1K354-2000-250-XD	★	★	★	★	★	20.0	142.0	19.2	90.0	
	20	60.0	3.00	90.0	4	35°	1K354-2000-300-XD	★	★	★	★	★	20.0	142.0	19.2	90.0	
	20	60.0	4.00	90.0	4	35°	1K354-2000-400-XD	★	★	★	★	★	20.0	142.0	19.2	90.0	

CoroMill® Dura solid carbide end mills for universal use

Four cutting edges

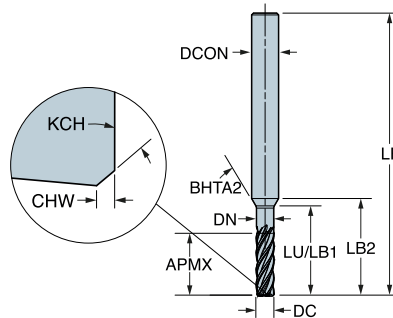
1k354 - 3XD

FHA
BSG
TCDC
TCDCON
ZEFP

36°
COROMANT
h10
h6
4



ISO areas of application

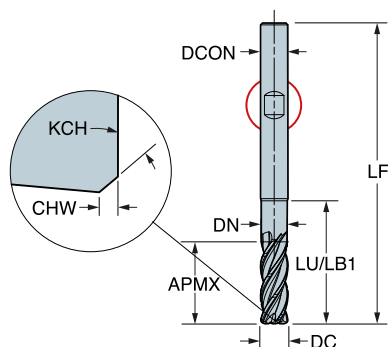


Metric version						Order number	P	M	K	N	S	Dimensions: mm						Discount group 732
DC	CHW	APMX	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	LB ₂	BHTA ₂	
6	0.13	18	27	4	36°	1K354-0600 XD	★	★	★	★	★	6	66	5.7	27	27.2	30°	
7	0.13	21	28	4	36°	1K354-0700 XD	★	★	★	★	★	8	73	6.7	28	29.2	30°	
8	0.2	24	36	4	36°	1K354-0800 XD	★	★	★	★	★	8	73	7.6	36	36.3	30°	
10	0.2	30	45	4	36°	1K354-1000 XD	★	★	★	★	★	10	87	9.6	45	45.3	30°	
12	0.2	36	54	4	36°	1K354-1200 XD	★	★	★	★	★	12	104	11.5	54	54.4	30°	
14	0.2	42	55.3	4	36°	1K354-1400 XD	★	★	★	★	★	14	106	13.4	55	55.8	30°	
16	0.2	48	72	4	36°	1K354-1600 XD	★	★	★	★	★	16	126	15.3	72	72.6	30°	
20	0.3	60	90	4	36°	1K354-2000 XD	★	★	★	★	★	20	142	19.2	90	90.7	30°	

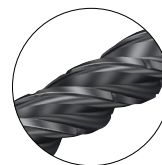
New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

Four cutting edges with chip breaker
1K374 – 4xD



ISO areas of application



Metric version								P	M	K	N	S	Dimensions: mm			Discount group 732
DC	CZC _{MS}	APMX	CHW	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	
6.0	6.0	24.0	0.13	24.0	4	36°	1K374-0600-XB	★	★	★	★	★	6.0	66.0	24.0	
8.0	8.0	32.0	0.20	32.0	4	36°	1K374-0800-XB	★	★	★	★	★	8.0	77.0	32.0	
10.0	10.0	40.0	0.20	40.0	4	36°	1K374-1000-XB	★	★	★	★	★	10.0	91.0	40.0	
12.0	12.0	48.0	0.20	48.0	4	36°	1K374-1200-XB	★	★	★	★	★	12.0	104.0	48.0	
16.0	16.0	64.0	0.20	64.0	4	36°	1K374-1600-XB	★	★	★	★	★	16.0	126.0	64.0	
20.0	20.0	80.0	0.30	80.0	4	36°	1K374-2000-XB	★	★	★	★	★	18.0	149.0	80.0	

New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

Five cutting edges

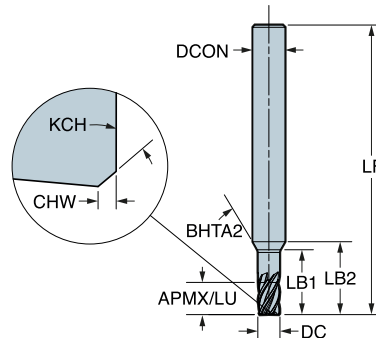
1K325 – 1.5xD

FHA
BSG
TCDC
TCDCON
ZEFP

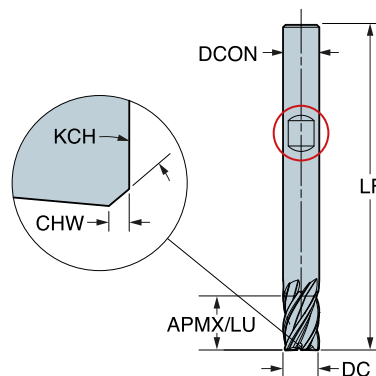
36°
COROMANT
h10
h6
5



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
3.0	6	4.5	0.08	45°	4.5	5	36°	1K325-0300-XA	★	★	★	★	★	6.0	50.0	8.7	11.3	30°	
4.0	6	6.0	0.13	45°	6.0	5	36°	1K325-0400-XA	★	★	★	★	★	6.0	54.0	11.6	13.3	30°	
5.0	6	7.5	0.13	45°	7.5	5	36°	1K325-0500-XA	★	★	★	★	★	6.0	54.0	14.5	15.4	30°	



Metric version									P	M	K	N	S	Dimensions: mm		Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	
6.0	6	9.0	0.13	45°	9.0	5	36°	1K325-0600-XB	★	★	★	★	★	6.0	54.0	
8.0	8	12.0	0.20	45°	12.0	5	36°	1K325-0800-XB	★	★	★	★	★	8.0	58.0	
10.0	10	15.0	0.20	45°	15.0	5	36°	1K325-1000-XB	★	★	★	★	★	10.0	66.0	
12.0	12	18.0	0.20	45°	18.0	5	36°	1K325-1200-XB	★	★	★	★	★	12.0	73.0	
16.0	16	24.0	0.20	45°	24.0	5	36°	1K325-1600-XB	★	★	★	★	★	16.0	82.0	
20.0	20	30.0	0.30	45°	30.0	5	36°	1K325-2000-XB	★	★	★	★	★	20.0	92.0	

CoroMill® Dura solid carbide end mills for universal use

Five cutting edges

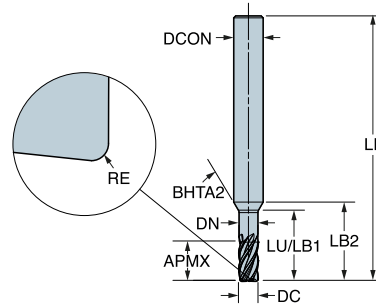
1K335 – 2xD

FHA
BSG
TCDC
TCDCON
ZEFP

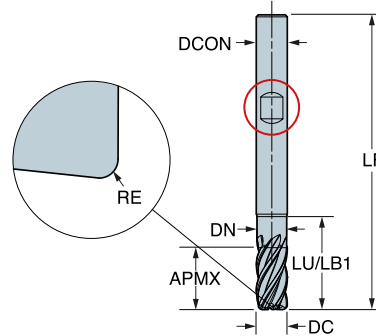
36°
COROMANT
h10
h6
5



ISO areas of application



Metric version								P	M	K	N	S	Dimensions: mm						Discount group 732
								1730	1730	1730	1730	1730							
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA	Order number						DCON _{MS}	LF	DN	LB ₁	LB ₂	BHTA ₂	
3.0	6	6.0	0.20	10.5	5	36°	1K335-0300-020-XC	★	★	★	★	★	6.0	50.0	2.9	10.5	13.2	30°	
	6	6.0	0.50	10.5	5	36°	1K335-0300-050-XC	★	★	★	★	★	6.0	50.0	2.9	10.5	13.2	30°	
4.0	6	8.0	0.20	14.0	5	36°	1K335-0400-020-XC	★	★	★	★	★	6.0	54.0	3.8	14.0	15.9	30°	
	6	8.0	0.50	14.0	5	36°	1K335-0400-050-XC	★	★	★	★	★	6.0	54.0	3.8	14.0	15.9	30°	
5.0	6	10.0	0.50	17.5	5	36°	1K335-0500-050-XC	★	★	★	★	★	6.0	57.0	4.8	17.5	18.5	30°	
	6	10.0	1.00	17.5	5	36°	1K335-0500-100-XC	★	★	★	★	★	6.0	57.0	4.8	17.5	18.5	30°	



Metric version								P	M	K	N	S	Dimensions: mm				Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	
6.0	6	12.0	0.50	18.0	5	36°	1K335-0600-050-XD	★	★	★	★	★	6.0	57.0	5.8	18.0	
	6	12.0	1.00	18.0	5	36°	1K335-0600-100-XD	★	★	★	★	★	6.0	57.0	5.8	18.0	
8.0	8	16.0	0.50	24.0	5	36°	1K335-0800-050-XD	★	★	★	★	★	8.0	63.0	7.7	24.0	
	8	16.0	1.00	24.0	5	36°	1K335-0800-100-XD	★	★	★	★	★	8.0	63.0	7.7	24.0	
	8	16.0	2.00	24.0	5	36°	1K335-0800-200-XD	★	★	★	★	★	8.0	63.0	7.7	24.0	
	10	20.0	0.50	30.0	5	36°	1K335-1000-050-XD	★	★	★	★	★	10.0	72.0	9.6	30.0	
	10	20.0	1.00	30.0	5	36°	1K335-1000-100-XD	★	★	★	★	★	10.0	72.0	9.6	30.0	
	10	20.0	2.00	30.0	5	36°	1K335-1000-200-XD	★	★	★	★	★	10.0	72.0	9.6	30.0	
12.0	12	24.0	0.50	36.0	5	36°	1K335-1200-050-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
	12	24.0	1.00	36.0	5	36°	1K335-1200-100-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
	12	24.0	2.00	36.0	5	36°	1K335-1200-200-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
	12	24.0	3.00	36.0	5	36°	1K335-1200-300-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
16.0	16	32.0	0.50	48.0	5	36°	1K335-1600-050-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
	16	32.0	1.00	48.0	5	36°	1K335-1600-100-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
	16	32.0	2.00	48.0	5	36°	1K335-1600-200-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
	16	32.0	3.00	48.0	5	36°	1K335-1600-300-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
20.0	20	40.0	0.50	60.0	5	36°	1K335-2000-050-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
	20	40.0	1.00	60.0	5	36°	1K335-2000-100-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
	20	40.0	2.00	60.0	5	36°	1K335-2000-200-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
	20	40.0	3.00	60.0	5	36°	1K335-2000-300-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
	20	40.0	4.00	60.0	5	36°	1K335-2000-400-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	

CoroMill® Dura solid carbide end mills for universal use

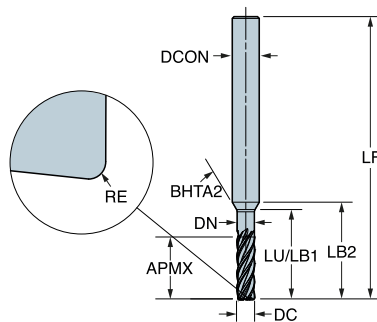
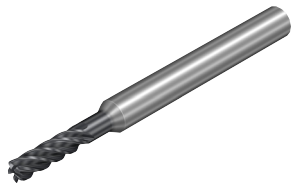
Five cutting edges
1K365 – 3.5xD

FHA
BSG
TCDC
TCDCON
ZEFP

36°
COROMANT
h10
h6
5



ISO areas of application



Metric version							Order number	P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	LB ₂	BHTA ₂
3.0	6	10.5	0.20	14.7	5	36°	1K365-0300-020-XC	★	★	★	★	★	6.0	57.0	2.9	14.7	17.4	30°
	6	10.5	0.50	14.7	5	36°	1K365-0300-050-XC	★	★	★	★	★	6.0	57.0	2.9	14.7	17.4	30°
4.0	6	14.0	0.20	19.6	5	36°	1K365-0400-020-XC	★	★	★	★	★	6.0	63.0	3.8	19.6	21.5	30°
	6	14.0	0.50	19.6	5	36°	1K365-0400-050-XC	★	★	★	★	★	6.0	63.0	3.8	19.6	21.5	30°
5.0	6	17.5	0.50	24.5	5	36°	1K365-0500-050-XC	★	★	★	★	★	6.0	66.0	4.8	24.5	25.5	30°
	6	17.5	1.00	24.5	5	36°	1K365-0500-100-XC	★	★	★	★	★	6.0	66.0	4.8	24.5	25.5	30°

CoroMill® Dura solid carbide end mills for universal use

Five cutting edges – with chip breaker

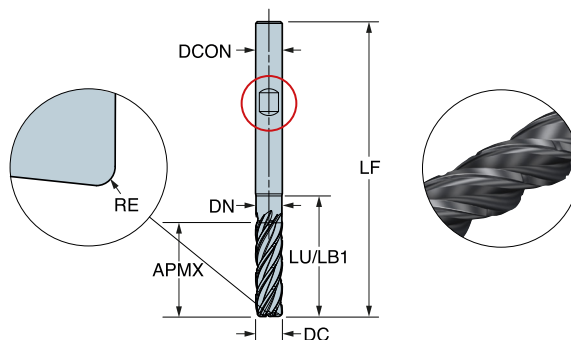
1K365 – 3.5xD

FHA
BSG
TCDC
TCDCON
ZEFP

36°
COROMANT
h10
h6
5



ISO areas of application



Metric version								P	M	K	N	S	Dimensions: mm				Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	
6.0	6	21.0	0.50	27.0	5	36°	1K365-0600-050-XD	★	★	★	★	★	6.0	66.0	5.8	27.0	
	6	21.0	1.00	27.0	5	36°	1K365-0600-100-XD	★	★	★	★	★	6.0	66.0	5.8	27.0	
8.0	8	28.0	0.50	36.0	5	36°	1K365-0800-050-XD	★	★	★	★	★	8.0	73.0	7.7	36.0	
	8	28.0	1.00	36.0	5	36°	1K365-0800-100-XD	★	★	★	★	★	8.0	73.0	7.7	36.0	
	8	28.0	2.00	36.0	5	36°	1K365-0800-200-XD	★	★	★	★	★	8.0	73.0	7.7	36.0	
	10	35.0	0.50	45.0	5	36°	1K365-1000-050-XD	★	★	★	★	★	10.0	87.0	9.6	45.0	
10.0	10	35.0	1.00	45.0	5	36°	1K365-1000-100-XD	★	★	★	★	★	10.0	87.0	9.6	45.0	
	10	35.0	2.00	45.0	5	36°	1K365-1000-200-XD	★	★	★	★	★	10.0	87.0	9.6	45.0	
12.0	12	42.0	1.00	54.0	5	36°	1K365-1200-100-XD	★	★	★	★	★	12.0	104.0	11.5	54.0	
	12	42.0	2.00	54.0	5	36°	1K365-1200-200-XD	★	★	★	★	★	12.0	104.0	11.5	54.0	
	12	42.0	3.00	54.0	5	36°	1K365-1200-300-XD	★	★	★	★	★	12.0	104.0	11.5	54.0	
	16	56.0	1.00	72.0	5	36°	1K365-1600-100-XD	★	★	★	★	★	16.0	126.0	15.4	72.0	
16.0	16	56.0	2.00	72.0	5	36°	1K365-1600-200-XD	★	★	★	★	★	16.0	126.0	15.4	72.0	
	16	56.0	3.00	72.0	5	36°	1K365-1600-300-XD	★	★	★	★	★	16.0	126.0	15.4	72.0	
	16	56.0	4.00	72.0	5	36°	1K365-1600-400-XD	★	★	★	★	★	16.0	126.0	15.4	72.0	
20.0	20	70.0	1.00	90.0	5	36°	1K365-2000-100-XD	★	★	★	★	★	20.0	142.0	19.2	90.0	
	20	70.0	2.00	90.0	5	36°	1K365-2000-200-XD	★	★	★	★	★	20.0	142.0	19.2	90.0	
	20	70.0	3.00	90.0	5	36°	1K365-2000-300-XD	★	★	★	★	★	20.0	142.0	19.2	90.0	
	20	70.0	4.00	90.0	5	36°	1K365-2000-400-XD	★	★	★	★	★	20.0	142.0	19.2	90.0	

CoroMill® Dura solid carbide end mills for universal use

Five cutting edges – without chip breaker

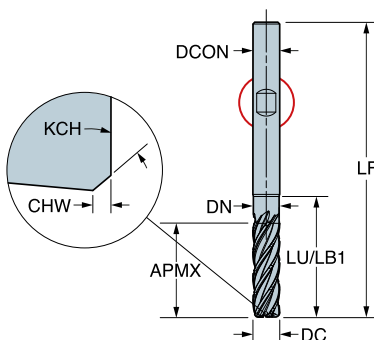
1K365 – 3.5xD

FHA
BSG
TCDC
TCDCON

36°
COROMANT
h10
h6



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm					Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB _y	BHTA ₂	
3	6	10.5	0.08	45	14.7	5	36°	1K365-0300 XD	★	★	★	★	★	6	57	2.8	14.7	30°	
4	6	14	0.13	45	19.6	5	36°	1K365-0400 XD	★	★	★	★	★	6	63	3.8	19.6	30°	
5	6	17.5	0.13	45	24.5	5	36°	1K365-0500 XD	★	★	★	★	★	6	66	4.8	24.5	30°	

New – available from October 2025

CoroMill® Dura solid carbide end mills for universal use

Five cutting edges – with chip breaker

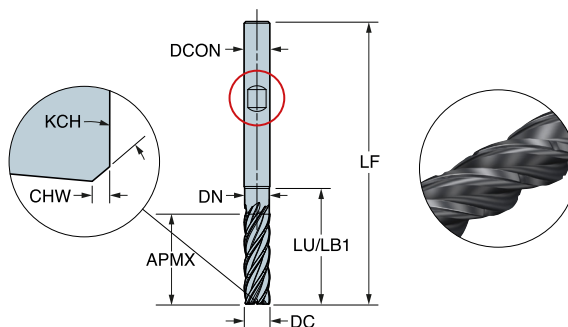
1K365 – 3.5xD

FHA
BSG
TCDC
TCDCON
ZEFP

36°
COROMANT
h10
h6
5



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm				Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB _y	
6.0	6	21.0	0.13	45°	27.0	5	36°	1K365-0600-XD	★	★	★	★	★	6.0	66.0	5.8	27.0	
8.0	8	28.0	0.20	45°	36.0	5	36°	1K365-0800-XD	★	★	★	★	★	8.0	73.0	7.7	36.0	
10.0	10	35.0	0.20	45°	45.0	5	36°	1K365-1000-XD	★	★	★	★	★	10.0	87.0	9.6	45.0	
12.0	12	42.0	0.20	45°	54.0	5	36°	1K365-1200-XD	★	★	★	★	★	12.0	104.0	11.5	54.0	
16.0	16	56.0	0.20	45°	72.0	5	36°	1K365-1600-XD	★	★	★	★	★	16.0	126.0	15.4	72.0	
20.0	20	70.0	0.30	45°	90.0	5	36°	1K365-2000-XD	★	★	★	★	★	20.0	142.0	19.2	90.0	

CoroMill® Dura solid carbide end mills for universal use

Seven cutting edges

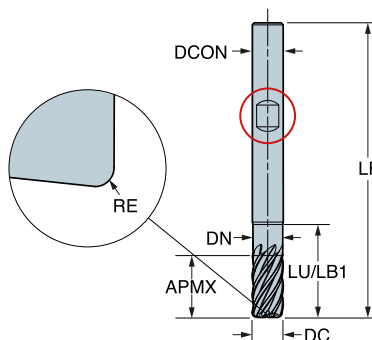
1K337 – 2xD

FHA
BSG
TCDC
TCDCON
ZEFP

37°
COROMANT
h10
h6
7



ISO areas of application



Metric version							Order number	P	M	K	N	S	Dimensions: mm				Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	
6.0	6	12.0	0.50	18.0	7	37°	1K337-0600-050-XD	★	★	★	★	★	6.0	57.0	5.8	18.0	
	6	12.0	1.00	18.0	7	37°	1K337-0600-100-XD	★	★	★	★	★	6.0	57.0	5.8	18.0	
8.0	8	16.0	0.50	24.0	7	37°	1K337-0800-050-XD	★	★	★	★	★	8.0	63.0	7.7	24.0	
	8	16.0	1.00	24.0	7	37°	1K337-0800-100-XD	★	★	★	★	★	8.0	63.0	7.7	24.0	
	8	16.0	2.00	24.0	7	37°	1K337-0800-200-XD	★	★	★	★	★	8.0	63.0	7.7	24.0	
10.0	10	20.0	0.50	30.0	7	37°	1K337-1000-050-XD	★	★	★	★	★	10.0	72.0	9.6	30.0	
	10	20.0	1.00	30.0	7	37°	1K337-1000-100-XD	★	★	★	★	★	10.0	72.0	9.6	30.0	
	10	20.0	2.00	30.0	7	37°	1K337-1000-200-XD	★	★	★	★	★	10.0	72.0	9.6	30.0	
12.0	12	24.0	0.50	36.0	7	37°	1K337-1200-050-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
	12	24.0	1.00	36.0	7	37°	1K337-1200-100-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
	12	24.0	2.00	36.0	7	37°	1K337-1200-200-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
	12	24.0	3.00	36.0	7	37°	1K337-1200-300-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	
16.0	16	32.0	0.50	48.0	7	37°	1K337-1600-050-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
	16	32.0	1.00	48.0	7	37°	1K337-1600-100-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
	16	32.0	2.00	48.0	7	37°	1K337-1600-200-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
	16	32.0	3.00	48.0	7	37°	1K337-1600-300-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	
20.0	20	40.0	0.50	60.0	7	37°	1K337-2000-050-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
	20	40.0	1.00	60.0	7	37°	1K337-2000-100-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
	20	40.0	2.00	60.0	7	37°	1K337-2000-200-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
	20	40.0	3.00	60.0	7	37°	1K337-2000-300-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
	20	40.0	4.00	60.0	7	37°	1K337-2000-400-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	
25.0	25	50.0	1.00	75.0	7	37°	1K337-2500-100-XD	★	★	★	★	★	25.0	135.0	24.0	75.0	
	25	50.0	2.00	75.0	7	37°	1K337-2500-200-XD	★	★	★	★	★	25.0	135.0	24.0	75.0	
	25	50.0	3.00	75.0	7	37°	1K337-2500-300-XD	★	★	★	★	★	25.0	135.0	24.0	75.0	
	25	50.0	4.00	75.0	7	37°	1K337-2500-400-XD	★	★	★	★	★	25.0	135.0	24.0	75.0	

CoroMill® Dura solid carbide end mills for universal use

Seven cutting edges – with chip breaker

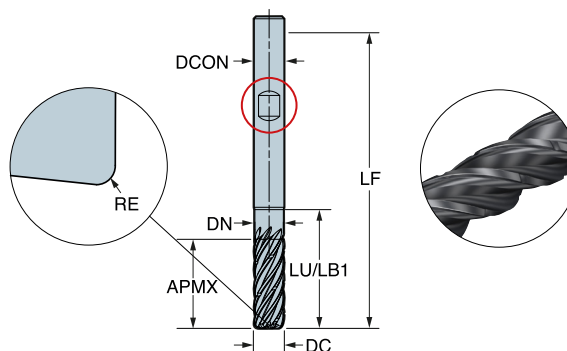
1K357 – 3xD

FHA
BSG
TCDC
TCDCON
ZEFP

37°
COROMANT
h10
h6
7



ISO areas of application



Metric version								P	M	K	N	S	Dimensions: mm				Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	
6.0	6	18.0	0.50	24.0	7	37°	1K357-0600-050-XD	★	★	★	★	★	6.0	63.0	5.8	24.0	
	6	18.0	1.00	24.0	7	37°	1K357-0600-100-XD	★	★	★	★	★	6.0	63.0	5.8	24.0	
8.0	8	24.0	0.50	32.0	7	37°	1K357-0800-050-XD	★	★	★	★	★	8.0	73.0	7.7	32.0	
	8	24.0	1.00	32.0	7	37°	1K357-0800-100-XD	★	★	★	★	★	8.0	73.0	7.7	32.0	
	8	24.0	2.00	32.0	7	37°	1K357-0800-200-XD	★	★	★	★	★	8.0	73.0	7.7	32.0	
10.0	10	30.0	0.50	40.0	7	37°	1K357-1000-050-XD	★	★	★	★	★	10.0	82.0	9.6	40.0	
	10	30.0	1.00	40.0	7	37°	1K357-1000-100-XD	★	★	★	★	★	10.0	82.0	9.6	40.0	
	10	30.0	2.00	40.0	7	37°	1K357-1000-200-XD	★	★	★	★	★	10.0	82.0	9.6	40.0	
12.0	12	36.0	1.00	48.0	7	37°	1K357-1200-100-XD	★	★	★	★	★	12.0	97.0	11.5	48.0	
	12	36.0	2.00	48.0	7	37°	1K357-1200-200-XD	★	★	★	★	★	12.0	97.0	11.5	48.0	
	12	36.0	3.00	48.0	7	37°	1K357-1200-300-XD	★	★	★	★	★	12.0	97.0	11.5	48.0	
16.0	16	48.0	1.50	64.0	7	37°	1K357-1600-150-XD	★	★	★	★	★	16.0	115.0	15.4	64.0	
	16	48.0	2.00	64.0	7	37°	1K357-1600-200-XD	★	★	★	★	★	16.0	115.0	15.4	64.0	
	16	48.0	3.00	64.0	7	37°	1K357-1600-300-XD	★	★	★	★	★	16.0	115.0	15.4	64.0	
20.0	20	60.0	2.50	80.0	7	37°	1K357-2000-250-XD	★	★	★	★	★	20.0	135.0	19.2	80.0	
	20	60.0	3.00	80.0	7	37°	1K357-2000-300-XD	★	★	★	★	★	20.0	135.0	19.2	80.0	
	20	60.0	4.00	80.0	7	37°	1K357-2000-400-XD	★	★	★	★	★	20.0	135.0	19.2	80.0	
25.0	25	75.0	2.00	100.0	7	37°	1K357-2500-200-XD	★	★	★	★	★	25.0	162.0	24.0	100.0	
	25	75.0	4.00	100.0	7	37°	1K357-2500-400-XD	★	★	★	★	★	25.0	162.0	24.0	100.0	
	25	75.0	6.00	100.0	7	37°	1K357-2500-600-XD	★	★	★	★	★	25.0	162.0	24.0	100.0	

CoroMill® Dura solid carbide end mills for universal use

Seven cutting edges – with chip breaker

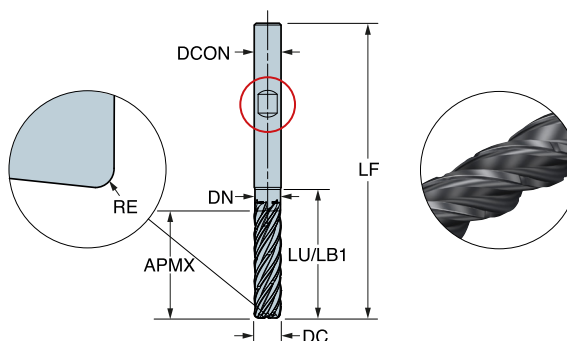
1K377 – 4xD

FHA
BSG
TCDC
TCDCON
ZEFP

37°
COROMANT
h10
h6
7



ISO areas of application



Metric version								P	M	K	N	S	Dimensions: mm				Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	
6.0	6	24.0	0.50	28.8	7	37°	1K377-0600-050-XD	★	★	★	★	★	6.0	66.0	5.8	28.8	
	6	24.0	1.00	28.8	7	37°	1K377-0600-100-XD	★	★	★	★	★	6.0	66.0	5.8	28.8	
8.0	8	32.0	0.50	38.4	7	37°	1K377-0800-050-XD	★	★	★	★	★	8.0	77.0	7.7	38.4	
	8	32.0	1.00	38.4	7	37°	1K377-0800-100-XD	★	★	★	★	★	8.0	77.0	7.7	38.4	
	8	32.0	2.00	38.4	7	37°	1K377-0800-200-XD	★	★	★	★	★	8.0	77.0	7.7	38.4	
10.0	10	40.0	1.00	48.0	7	37°	1K377-1000-100-XD	★	★	★	★	★	10.0	91.0	9.6	48.0	
	10	40.0	2.00	48.0	7	37°	1K377-1000-200-XD	★	★	★	★	★	10.0	91.0	9.6	48.0	
	10	40.0	3.00	48.0	7	37°	1K377-1000-300-XD	★	★	★	★	★	10.0	91.0	9.6	48.0	
12.0	12	48.0	1.00	57.6	7	37°	1K377-1200-100-XD	★	★	★	★	★	12.0	104.0	11.5	57.6	
	12	48.0	2.50	57.6	7	37°	1K377-1200-250-XD	★	★	★	★	★	12.0	104.0	11.5	57.6	
	12	48.0	4.00	57.6	7	37°	1K377-1200-400-XD	★	★	★	★	★	12.0	104.0	11.5	57.6	
16.0	16	64.0	2.00	76.8	7	37°	1K377-1600-200-XD	★	★	★	★	★	16.0	126.0	15.4	76.8	
	16	64.0	3.00	76.8	7	37°	1K377-1600-300-XD	★	★	★	★	★	16.0	126.0	15.4	76.8	
	16	64.0	4.00	76.8	7	37°	1K377-1600-400-XD	★	★	★	★	★	16.0	126.0	15.4	76.8	
20.0	20	80.0	3.00	96.0	7	37°	1K377-2000-300-XD	★	★	★	★	★	20.0	149.0	19.2	96.0	
	20	80.0	4.00	96.0	7	37°	1K377-2000-400-XD	★	★	★	★	★	20.0	149.0	19.2	96.0	
	20	80.0	6.00	96.0	7	37°	1K377-2000-600-XD	★	★	★	★	★	20.0	149.0	19.2	96.0	
25.0	25	100.0	3.00	120.0	7	37°	1K377-2500-300-XD	★	★	★	★	★	25.0	180.0	24.0	120.0	
	25	100.0	4.00	120.0	7	37°	1K377-2500-400-XD	★	★	★	★	★	25.0	180.0	24.0	120.0	
	25	100.0	6.00	120.0	7	37°	1K377-2500-600-XD	★	★	★	★	★	25.0	180.0	24.0	120.0	

CoroMill® Dura solid carbide end mills for universal use

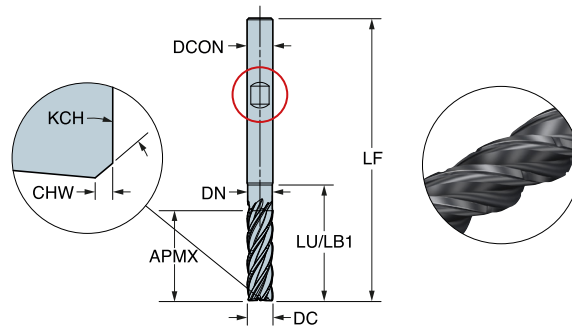
Seven cutting edges – with chip breaker
1K377 – 4xD

FHA
BSG
TCDC
TCDCON
ZEFP

36°
COROMANT
h10
h6
5



ISO areas of application



Metric version									P	M	K	N	S	Dimensions: mm				Discount group 732
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Order number	1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	
6		24	0.13	45°	28.8	7	37°	1K377-0600-XD	★	★	★	★	★	6	66	5.7	28.8	
8		32	0.2	45°	38.4	7	37°	1K377-0800-XD	★	★	★	★	★	8	77	7.6	38.4	
10		40	0.2	45°	48.0	7	37°	1K377-1000-XD	★	★	★	★	★	10	91	9.6	48.0	
12		48	0.2	45°	57.6	7	37°	1K377-1200-XD	★	★	★	★	★	12	104	11.5	57.6	
16		64	0.2	45°	76.8	7	37°	1K377-1600-XD	★	★	★	★	★	16	126	15.3	76.8	
20		80	0.3	45°	96.0	7	37°	1K377-2000-XD	★	★	★	★	★	20	149	19.2	96.0	
25		100	0.3	45°	120.0	7	37°	1K377-2500-XD	★	★	★	★	★	25	180	24.0	120.0	

New – available from October 2025

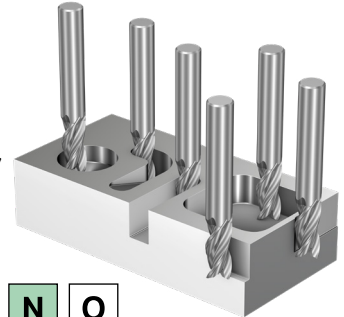
Efficient and versatile end mills for aluminium

Tool features

- Three cutting edges with 1.5–3xD cutting length
- Universal end milling with excellent surface quality and minimised burr formation
- Easy to choose and easy to use the tool thanks to plug and play, as well as clear, understandable instructions for selecting variants
- Can be reground up to three times according to original specifications
- WhisperKut™ technology

Application

- Machining of aluminium from roughing to finishing in a wide range of applications
- Centre cutting with three cutting edges
- Designed for versatile applications in aluminium
- Trimming, groove milling, shoulder milling, pocket milling, helical interpolation, ramping
- Suitable for general mechanical engineering in all industrial segments



ISO areas of application

CoroMill® Dura product range

Code	ZEFF	APMX	LU	DC (mm)	Undercut	Chip breaker	RE (mm)	Sharp cutting corner	Max. feed angle	Full slot capability	Max. Ae at max. APMX
1K223-NA/-NB	3	1.5xD	1.5xD	2 - 25	-	-	-	Yes	20°	1.5xD	100%
1K223-NG/-NH	3	1.5xD	3xD	2 - 25	Yes	-	0.2–4	Yes	20°	1.5xD	100%
1K233-NA/-NB	3	2xD	2xD	2 - 25	-	-	0.2–4	Yes	20°	2xD	100%
1K253-NB	3	3xD	3xD	6 - 25	-	-	-	Yes	5°	0.5xD	30%

Weldon shank for all tools ≥ 6 mm. Cylindrical shank for tools < 6 mm.

Recommendations for cutting speed

Multi-material – CoroMill Dura ISO N range

f_z increase +20% for end mills with a shorter length of 1.5 x D: 1K223-NA/-NB

f_z feed reduction -20% for longer end mills 3 x D: 1K253-NB

ISO	MC no.	CMC	Material	HB	$a_e = 1.0 \times DC$			$a_e = 0.5 \times DC$			$a_e = 0.1 \times DC$		
					$a_p = 0.5 \times DC$			$a_p = 1.0 \times DC$			$a_p = 1.5 \times DC$		
					f_z	v_c m/min	v_c feet/min	f_z	v_c m/min	v_c feet/min	f_z	v_c m/min	v_c feet/min
N	N1.1.Z.UT	30.3	Commercially available pure (>99%)	30	I01	810	2657	I02	880	2887	I03	950	3117
	N1.2.Z.UT	30.11	EN AW-7075 (aluminium-based alloy)	60	I01	810	2657	I02	870	2854	I03	940	3084
	N1.2.Z.AG	30.12	AlMgSi1, AlSi alloys, Si < 1%	100	I01	730	2395	I02	780	2559	I03	850	2789
	N1.3.C.UT	30.21	G-AlMg5	75	I01	810	2657	I02	870	2854	I03	94	308
	N1.3.C.AG	30.22	GD-AlSi8Cu3, AlSi casting alloys, Si > 1% and < 13%	90	I01	730	2395	I02	790	2592	I03	850	2789
	N1.4.C.NS	30.41	Cast, 13–15% Si	130	I01	325	1066	I02	350	1148	I03	380	1247
	N1.4.C.NS	30.42	Cast, 16–22% Si	130	I01	245	804	I02	265	869	I03	285	935
	N3.3.U.UT	33.1	Free-cutting alloy (Pb >1%)	110	I01	405	1329	I02	435	1427	I03	470	1542
	N3.2.C.UT	33.2	Brass and leaded bronzes (Pb <=1%)	90	I01	405	1329	I02	435	1427	I03	470	1542
	N3.1.U.UT	33.3	Lead-free copper alloys (including electrolytic copper)	100	I01	285	935	I02	305	1001	I03	330	1083

Feed recommendations

mm/tooth
inch/tooth

DC	mm	2.000	3.000	6.000	8.000	10.000	12.000	14.000	16.000	18.000	20.000	25.000
	inch	.0079	.0118	.0236	.0315	.0394	.0472	.0551	.0630	.0709	.0787	.0984
I01	mm/tooth	.0020	.0029	.0055	.0072	.0090	.0107	.0124	.0142	.0159	.0177	.0220
	inch/tooth	.0008	.0011	.0022	.0028	.0035	.0042	.0049	.0056	.0063	.0069	.0087
I02	mm/tooth	.0025	.0036	.0069	.0092	.0114	.0136	.0158	.0180	.0202	.0225	.0280
	inch/tooth	.0010	.0014	.0027	.0036	.0045	.0053	.0062	.0071	.0080	.0088	.0110
I03	mm/tooth	.0040	.0057	.0110	.0144	.0179	.0214	.0249	.0283	.0318	.0353	.0440
	inch/tooth	.0016	.0023	.0043	.0057	.0071	.0084	.0098	.0112	.0125	.0139	.0173

CoroMill® Dura solid carbide end mills

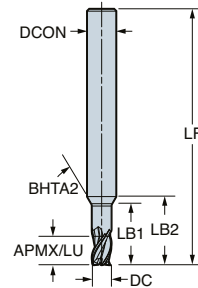
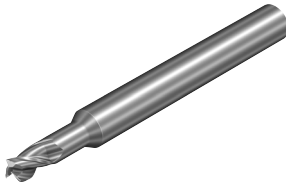
For non-ferrous materials
1K223 – 1.5xD – with wiper

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



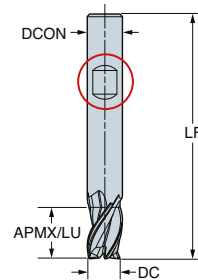
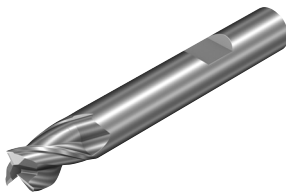
ISO areas of application



Metric version						N	Dimensions: mm							Discount group 732
DC	CZC _{MS}	APMX	LU	ZEFP	FHA		H10F	DCON _{MS}	LF	BS	LB ₁	LB ₂	BHTA ₂	
2.0	6	3.0	3.0	3	35°		★	6.0	50.0	0.0	7.0	10.5	30°	
3.0	6	4.5	4.5	3	35°		★	6.0	50.0	0.0	9.6	12.2	30°	
4.0	6	6.0	6.0	3	35°		★	6.0	54.0	0.2	12.4	14.1	30°	
5.0	6	7.5	7.5	3	35°		★	6.0	54.0	0.3	14.5	15.4	30°	

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



Metric version						N	Dimensions: mm							Discount group 732
DC	CZC _{MS}	APMX	LU	ZEFP	FHA		H10F	DCON _{MS}	LF	BS	LB ₁	LB ₂	BHTA ₂	
6.0	6	9.0	9.0	3	35°		★	6.0	54.0	0.3				
8.0	8	12.0	12.0	3	35°		★	8.0	58.0	0.3				
10.0	10	15.0	15.0	3	35°		★	10.0	72.0	0.4				
12.0	12	18.0	18.0	3	35°		★	12.0	83.0	0.4				
16.0	16	24.0	24.0	3	35°		★	16.0	92.0	0.6				
20.0	20	30.0	30.0	3	35°		★	20.0	104.0	0.7				
25.0	25	37.5	37.5	3	35°		★	25.0	121.0	0.9				

CoroMill® Dura solid carbide end mills

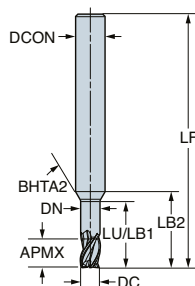
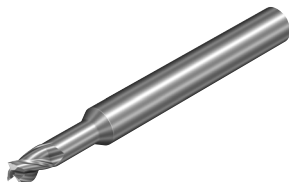
For non-ferrous materials
1K223 – 1.5xD – with wiper

FHA
BSG
TCDC
TCDCON
ZEFP

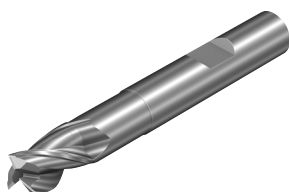
35°
COROMANT
h10
h6
3



ISO areas of application

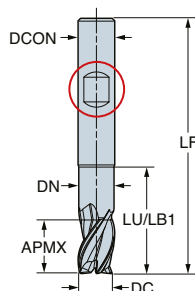


Metric version						N	Dimensions: mm								Discount group 732
DC	CZC _{MS}	APMX	LU	ZEFP	FHA		H10F	DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	BHTA ₂	
2.0	6	3.0	7.0	3	35°		★	6.0	50.0	0.0	1.9	7.0	10.5	30°	
3.0	6	4.5	10.5	3	35°		★	6.0	50.0	0.0	2.9	10.5	13.2	30°	
4.0	6	6.0	14.0	3	35°		★	6.0	54.0	0.2	3.8	14.0	15.9	30°	
5.0	6	7.5	15.0	3	35°		★	6.0	54.0	0.3	4.8	15.0	16.0	30°	



FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



Metric version						N	Dimensions: mm								Discount group 732
DC	CZC _{MS}	APMX	LU	ZEFP	FHA		H10F	DCON _{MS}	LF	BS	DN	LB ₁			
6.0	6	9.0	18.0	3	35°		★	6.0	57.0	0.3	5.8	18.0			
8.0	8	12.0	24.0	3	35°		★	8.0	63.0	0.3	7.7	24.0			
10.0	10	15.0	30.0	3	35°		★	10.0	72.0	0.4	9.6	30.0			
12.0	12	18.0	36.0	3	35°		★	12.0	83.0	0.4	11.5	36.0			
16.0	16	24.0	48.0	3	35°		★	16.0	98.0	0.6	15.4	48.0			
20.0	20	30.0	60.0	3	35°		★	20.0	111.0	0.7	19.2	60.0			
25.0	25	37.5	75.0	3	35°		★	25.0	135.0	0.9	24.0	75.0			

CoroMill® Dura solid carbide end mills

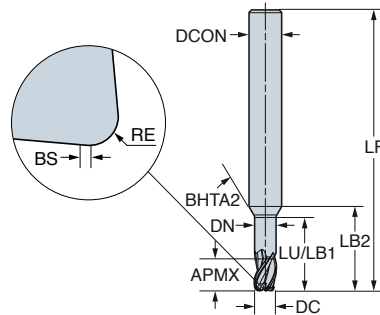
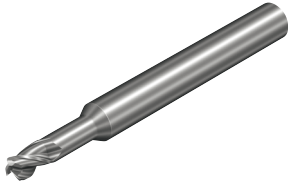
For non-ferrous materials
1K223 – 1.5xD – with wiper

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



ISO areas of application



Metric version							N	Dimensions: mm								Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		H10F	DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	BHTA ₂	
2.0	6	3.0	0.20	7.0	3	35°		★	6.0	50.0	0.0	1.9	7.0	10.5	30°	
	6	3.0	0.50	7.0	3	35°		★	6.0	50.0	0.0	1.9	7.0	10.5	30°	
3.0	6	4.5	0.20	10.5	3	35°		★	6.0	50.0	0.0	2.9	10.5	13.2	30°	
	6	4.5	0.50	10.5	3	35°		★	6.0	50.0	0.0	2.9	10.5	13.2	30°	
4.0	6	6.0	0.50	14.0	3	35°		★	6.0	54.0	0.2	3.8	14.0	15.9	30°	
	6	6.0	1.00	14.0	3	35°		★	6.0	54.0	0.2	3.8	14.0	15.9	30°	
5.0	6	7.5	0.50	15.0	3	35°		★	6.0	54.0	0.3	4.8	15.0	16.0	30°	
	6	7.5	1.00	15.0	3	35°		★	6.0	54.0	0.3	4.8	15.0	16.0	30°	

CoroMill® Dura solid carbide end mills

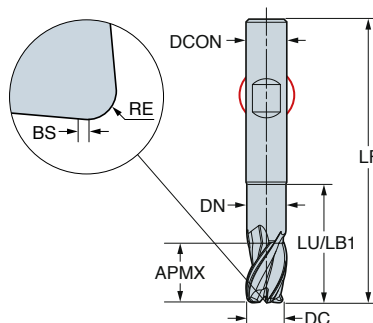
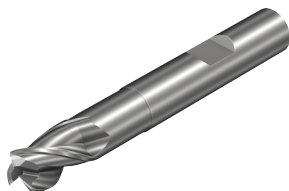
For non-ferrous materials

1K223 – 1.5xD – with wiper

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 3



ISO areas of application



Metric version							N	Dimensions: mm							Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	BHTA ₂	
6.0	6	9.0	0.50	18.0	3	35°	★	6.0	57.0	0.3	5.8	18.0			
	6	9.0	1.00	18.0	3	35°	★	6.0	57.0	0.3	5.8	18.0			
8.0	8	12.0	0.50	24.0	3	35°	★	8.0	63.0	0.3	7.7	24.0			
	8	12.0	1.00	24.0	3	35°	★	8.0	63.0	0.3	7.7	24.0			
10.0	8	12.0	2.00	24.0	3	35°	★	8.0	63.0	0.3	7.7	24.0			
	10	15.0	0.50	30.0	3	35°	★	10.0	72.0	0.4	9.6	30.0			
10.0	10	15.0	1.00	30.0	3	35°	★	10.0	72.0	0.4	9.6	30.0			
	10	15.0	2.00	30.0	3	35°	★	10.0	72.0	0.4	9.6	30.0			
12.0	10	15.0	3.00	30.0	3	35°	★	10.0	72.0	0.4	9.6	30.0			
	12	18.0	0.50	36.0	3	35°	★	12.0	83.0	0.4	11.5	36.0			
12.0	12	18.0	1.00	36.0	3	35°	★	12.0	83.0	0.4	11.5	36.0			
	12	18.0	2.00	36.0	3	35°	★	12.0	83.0	0.4	11.5	36.0			
16.0	12	18.0	3.00	36.0	3	35°	★	12.0	83.0	0.4	11.5	36.0			
	16	24.0	0.50	48.0	3	35°	★	16.0	98.0	0.6	15.4	48.0			
16.0	16	24.0	1.00	48.0	3	35°	★	16.0	98.0	0.6	15.4	48.0			
	16	24.0	2.00	48.0	3	35°	★	16.0	98.0	0.6	15.4	48.0			
20.0	16	24.0	3.00	48.0	3	35°	★	16.0	98.0	0.6	15.4	48.0			
	20	30.0	0.50	60.0	3	35°	★	20.0	111.0	0.7	19.2	60.0			
20.0	20	30.0	1.00	60.0	3	35°	★	20.0	111.0	0.7	19.2	60.0			
	20	30.0	2.00	60.0	3	35°	★	20.0	111.0	0.7	19.2	60.0			
25.0	20	30.0	3.00	60.0	3	35°	★	20.0	111.0	0.7	19.2	60.0			
	25	37.5	0.50	75.0	3	35°	★	25.0	135.0	0.9	24.0	75.0			
25.0	25	37.5	1.00	75.0	3	35°	★	25.0	135.0	0.9	24.0	75.0			
	25	37.5	2.00	75.0	3	35°	★	25.0	135.0	0.9	24.0	75.0			
25.0	25	37.5	3.00	75.0	3	35°	★	25.0	135.0	0.9	24.0	75.0			
	25	37.5	4.00	75.0	3	35°	★	25.0	135.0	0.9	24.0	75.0			

CoroMill® Dura solid carbide end mills

For non-ferrous materials

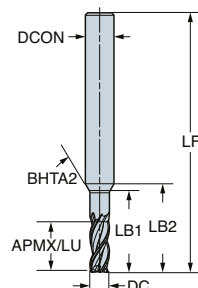
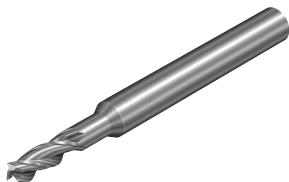
1K233 – 2xD – with wiper

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



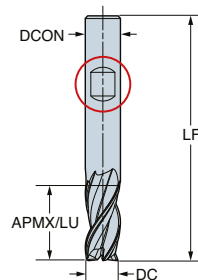
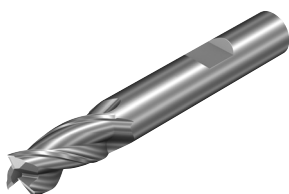
ISO areas of application



Metric version						N	Dimensions: mm								Discount group 732
DC	CZC _{MS}	APMX	LU	ZEFP	FHA		H10F	DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	BHTA ₂	
2.0	6	6.0	6.0	3	35°		★	6.0	50.0	0.0	10.0	13.5	30°		
3.0	6	8.0	8.0	3	35°		★	6.0	54.0	0.0	13.1	15.7	30°		
4.0	6	11.0	11.0	3	35°		★	6.0	57.0	0.2	17.4	19.1	30°		
5.0	6	13.0	13.0	3	35°		★	6.0	57.0	0.3	20.0	20.9	30°		

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



Metric version						N	Dimensions: mm								Discount group 732
DC	CZC _{MS}	APMX	LU	ZEFP	FHA		H10F	DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	BHTA ₂	
6.0	6	13.0	13.0	3	35°		★	6.0	57.0	0.3					
8.0	8	19.0	19.0	3	35°		★	8.0	63.0	0.3					
10.0	10	22.0	22.0	3	35°		★	10.0	72.0	0.4					
12.0	12	26.0	26.0	3	35°		★	12.0	83.0	0.4					
16.0	16	32.0	32.0	3	35°		★	16.0	98.0	0.6					
20.0	20	40.0	40.0	3	35°		★	20.0	111.0	0.7					
25.0	25	50.0	50.0	3	35°		★	25.0	130.0	0.9					

CoroMill® Dura solid carbide end mills

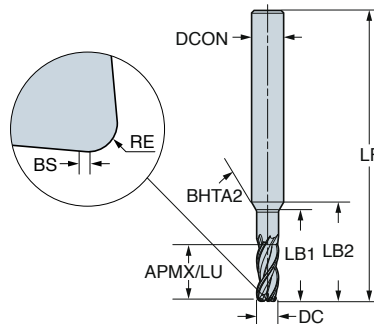
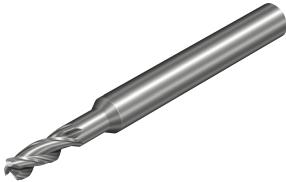
For non-ferrous materials

1K233 – 2xD - mit Wiper

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 3



ISO areas of application



Metric version							N	Dimensions: mm						Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		DCON _{MS}	LF	BS	LB ₁	LB ₂	BHTA ₂	
2.0	6	6.0	0.20	6.0	3	35°	★	6.0	50.0	0.0	10.0	13.5	30°	
	6	6.0	0.50	6.0	3	35°	★	6.0	50.0	0.0	10.0	13.5	30°	
3.0	6	8.0	0.20	8.0	3	35°	★	6.0	54.0	0.0	13.1	15.7	30°	
	6	8.0	0.50	8.0	3	35°	★	6.0	54.0	0.0	13.1	15.7	30°	
4.0	6	11.0	0.50	11.0	3	35°	★	6.0	57.0	0.2	17.4	19.1	30°	
	6	11.0	1.00	11.0	3	35°	★	6.0	57.0	0.2	17.4	19.1	30°	
5.0	6	13.0	0.50	13.0	3	35°	★	6.0	57.0	0.3	20.0	20.9	30°	
	6	13.0	1.00	13.0	3	35°	★	6.0	57.0	0.3	20.0	20.9	30°	

CoroMill® Dura solid carbide end mills

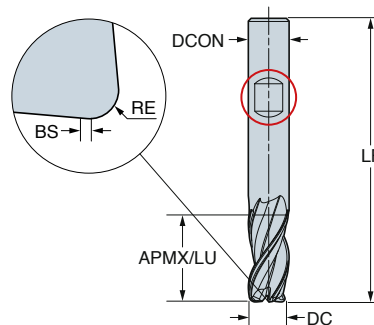
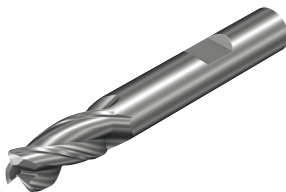
For non-ferrous materials, ISO N

1K233 – 2xD - mit Wiper

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 3



ISO areas of application



Metric version								N	Dimensions: mm							Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA	Order number	H10F	DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	BHTA ₂	
6.0	6	13.0	0.50	13.0	3	35°	1K233-0600-050-NB	★	6.0	57.0	0.3					
	6	13.0	1.00	13.0	3	35°	1K233-0600-100-NB	★	6.0	57.0	0.3					
8.0	8	19.0	0.50	19.0	3	35°	1K233-0800-050-NB	★	8.0	63.0	0.3					
	8	19.0	1.00	19.0	3	35°	1K233-0800-100-NB	★	8.0	63.0	0.3					
	8	19.0	2.00	19.0	3	35°	1K233-0800-200-NB	★	8.0	63.0	0.3					
	10.0	10	22.0	0.50	22.0	3	35°	1K233-1000-050-NB	★	10.0	72.0	0.4				
	10	22.0	1.00	22.0	3	35°	1K233-1000-100-NB	★	10.0	72.0	0.4					
	10	22.0	2.00	22.0	3	35°	1K233-1000-200-NB	★	10.0	72.0	0.4					
	10	22.0	3.00	22.0	3	35°	1K233-1000-300-NB	★	10.0	72.0	0.4					

CoroMill® Dura solid carbide end mills

For non-ferrous materials

1K233 – 2xD - mit Wiper

Metric version								N	Dimensions: mm							Discount group 732
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA	Order number	H10F	DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	BHTA ₂	
12.0	12	26.0	0.50	26.0	3	35°	1K233-1200-050-NB	★	12.0	83.0	0.4					
	12	26.0	1.00	26.0	3	35°	1K233-1200-100-NB	★	12.0	83.0	0.4					
	12	26.0	2.00	26.0	3	35°	1K233-1200-200-NB	★	12.0	83.0	0.4					
16.0	12	26.0	3.00	26.0	3	35°	1K233-1200-300-NB	★	12.0	83.0	0.4					
	16	32.0	0.50	32.0	3	35°	1K233-1600-050-NB	★	16.0	98.0	0.6					
	16	32.0	1.00	32.0	3	35°	1K233-1600-100-NB	★	16.0	98.0	0.6					
	16	32.0	2.00	32.0	3	35°	1K233-1600-200-NB	★	16.0	98.0	0.6					
	16	32.0	3.00	32.0	3	35°	1K233-1600-300-NB	★	16.0	98.0	0.6					
	16	32.0	4.00	32.0	3	35°	1K233-1600-400-NB	★	16.0	98.0	0.6					
	20.0	20	40.0	0.50	40.0	3	35°	1K233-2000-050-NB	★	20.0	111.0	0.7				
20.0	20	40.0	1.00	40.0	3	35°	1K233-2000-100-NB	★	20.0	111.0	0.7					
	20	40.0	2.00	40.0	3	35°	1K233-2000-200-NB	★	20.0	111.0	0.7					
	20	40.0	3.00	40.0	3	35°	1K233-2000-300-NB	★	20.0	111.0	0.7					
	20	40.0	4.00	40.0	3	35°	1K233-2000-400-NB	★	20.0	111.0	0.7					
	25.0	25	50.0	0.50	50.0	3	35°	1K233-2500-050-NB	★	25.0	130.0	0.9				
25.0	25	50.0	1.00	50.0	3	35°	1K233-2500-100-NB	★	25.0	130.0	0.9					
	25	50.0	2.00	50.0	3	35°	1K233-2500-200-NB	★	25.0	130.0	0.9					
	25	50.0	3.00	50.0	3	35°	1K233-2500-300-NB	★	25.0	130.0	0.9					
	25	50.0	4.00	50.0	3	35°	1K233-2500-400-NB	★	25.0	130.0	0.9					

CoroMill® Dura solid carbide end mills

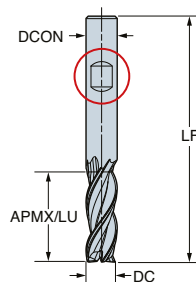
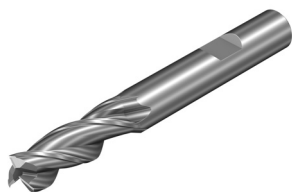
For non-ferrous materials, ISO N

1K253 – 3xD – with wiper

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 3



ISO areas of application



Metric version							N	Dimensions: mm						Discount group 732
DC	CZC _{MS}	APMX	LU	ZEFP	FHA	Order number	H10F	DCON _{MS}	LF	BS	LB ₁	LB ₂	BHTA ₂	
6.0	6	18.0	18.0	3	35°	1K253-0600-NB	★	6.0	63.0	0.3				
8.0	8	24.0	24.0	3	35°	1K253-0800-NB	★	8.0	73.0	0.3				
10.0	10	30.0	30.0	3	35°	1K253-1000-NB	★	10.0	82.0	0.4				
12.0	12	36.0	36.0	3	35°	1K253-1200-NB	★	12.0	97.0	0.4				
16.0	16	48.0	48.0	3	35°	1K253-1600-NB	★	16.0	115.0	0.6				
20.0	20	60.0	60.0	3	35°	1K253-2000-NB	★	20.0	135.0	0.7				
25.0	25	75.0	75.0	3	35°	1K253-2500-NB	★	25.0	153.0	0.9				

CoroMill® Dura product range for universal use



ISO areas of application

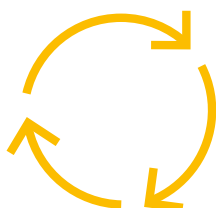
Code	ZEFF	APMX	DC (mm)	Undercut	Chip breaker	RE (mm)	Chamfer width (mm)	Max. feed angle	Full slot capability	Max. Ae at max. APMX
1K212-XA/-XB	2	1xD	2 - 20	-	-	-	0.08 - 0.3	20°	1xD	100%
1K232-XA/-XB	2	2xD	1 - 20	-	-	-	0.08 - 0.3	20°	1.5xD	100%
1K313-XA/-XB	3	1xD	2 - 20	-	-	-	0.08 - 0.3	5°	1xD	100%
1K333-XA/-XB	3	2xD	1 - 20	-	-	-	0.08 - 0.3	5°	1.5xD	100%
1K324-XA/-XB	4	1.5xD	2 - 20	-	-	-	0.08 - 0.3	20°	1.5xD	100%
1K334-XC/XD	4	2xD	2 - 20	Yes	-	0.2 - 4	-	20°	1xD	75%
1K334-XB	4	2xD	6 - 20	-	-	-	0.13 - 0.3	20°	1xD	75%
1K354-XC/XD	4	3xD	2 - 20	Yes	Yes	0.2 - 4	-	5°	0.25xD	15%
1K325--XA/-XB	5	1.5xD	3 - 20	-	-	-	0.08 - 0.3	10°	1xD	75%
1K335-XC/XD	5	2xD	3 - 20	Yes	-	0.2 - 4	-	10°	0.5xD	50%
1K365-XC/XD	5	3.5xD	3 - 20	Yes	Yes	0.2 - 4	-	4°	-	7%
1K365-XD	5	3.5xD	6 - 20	Yes	Yes	-	0.13 - 0.3	4°	-	7%
1K337-XD	7	2xD	6 - 25	Yes	-	0.5 - 4	-	5°	-	25%
1K357-XD	7	3xD	6 - 25	Yes	Yes	0.5 - 4	-	4°	-	10%
1K377-XD	7	4xD	6 - 25	Yes	Yes	0.5 - 6	-	3°	-	5%

Weldon shank for all tools ≥ 6 mm. Cylindrical shank for tools < 6 mm.

Range of services



Reconditioning


<https://www.sandvik.coromant.com/en-gb/services/reconditioning>


Recycling


<https://www.sandvik.coromant.com/en-gb/services/recycling>
CoroPlus® Tool Guide
CoroMill® Dura
tool selection
https://www.sandvik.coromant.com/de-de/products/toolguide/tool-recommendation?FocusAssortment=TG_DURA
Tailor-made
Tailor-Made Web
<https://www.sandvik.coromant.com/en-gb/tools/milling-tools/solid-carbide-end-mills/customized-tools>

Code key for taps

T200	-	S	D	100	D	A	-	M3
1		2	3	4	5	6		7

1: Product range

T100 = straight-fluted tap
T200 = straight-fluted tap with spiral point
T300 = spiral-fluted tap
T400 = fluteless tap

2: ISO material

P = steel
M = stainless steel
K = grey cast iron
S = heat resistant super alloys
H = hardened materials
N = non-ferrous metals
X = multi-material

3: Ease of machining of the material

E = easy
M = moderate
D = difficult

4: Product markings

1 0 0
Different product markings for:
Reinforced or straight shank,
different bevels, cutting fluid
supply,
etc.

5: Standard

D = DIN
A = ANSI & DIN/ANSI
J = JIS
I = ISO

6: Thread form

A = M
B = MF
C = MJ
D = UN
E = UNC
F = UNF
G = UNEF
I = UNJF
J = UNS
K = G
L = NPT
M = NPTF
N = NPSF
O = NPSM
P = EGM
Q = EGMF
R = EGUNC
S = EGUNF
T = PG
U = R
V = Rc
X = Rp
Y = BA

7: Dimensions

Lead only if necessary, as in MF.

M3 K = G
M10x125

Code key for drills

462	-	1	-	0635	-	02	A	1	-	P
1		2		3		4	5	6		7

1: Range name

2: Tool type

1 = straight drill, 1 diameter

2 = straight drill, 1 diameter + bevel

3: Major diameter in mm

4: Recommended max. hole depth in mm
(new tool before regrinding)

5: Adaptor type

A = cylindrical shank

6: Cutting fluid

0 = without cutting fluid holes

1 = with cutting fluid holes

7: Primary ISO material

P: ISO P

M: ISO M

K: ISO K

N: ISO N

S: ISO S

H: ISO H

XM: Universal

CoroTap™

Hole size – recommendations

Tap M

M: DIN 13		Metric		
TDZ		TP	PHD	PHDX 5H/6H
M 1*	x	0.25	0.75	0.785
M 1.1*	x	0.25	0.85	0.885
M 1.2*	x	0.25	0.95	0.985
M 1.4*	x	0.30	1.10	1.142
M 1.6	x	0.35	1.25	1.321
M 1.8	x	0.35	1.45	1.521
M 2	x	0.40	1.60	1.679
M 2.2	x	0.45	1.75	1.838
M 2.3	x	0.40	1.85	1.938
M 2.5	x	0.45	2.05	2.138
M 2.6	x	0.45	2.15	2.238
M 3	x	0.50	2.50	2.599
M 3.5	x	0.60	2.90	3.010
M 4	x	0.70	3.30	3.422
M 4.5	x	0.75	3.70	3.878
M 5	x	0.80	4.20	4.334
M 6	x	1.00	5.00	5.153
M 7	x	1.00	6.00	6.153
M 8	x	1.25	6.80	6.912
M 9	x	1.25	7.80	7.912
M 10	x	1.50	8.50	8.676
M 11	x	1.50	9.50	9.676
M 12	x	1.75	10.20	10.441
M 14	x	2.00	12.00	12.210
M 16	x	2.00	14.00	14.210
M 18	x	2.50	15.50	15.744
M 20	x	2.50	17.50	17.744
M 22	x	2.50	19.50	19.744
M 24	x	3.00	21.00	21.252
M 27	x	3.00	24.00	24.252
M 30	x	3.50	26.50	26.771
M 33	x	3.50	29.50	29.771
M 36	x	4.00	32.00	32.270
M 39	x	4.00	35.00	35.270
M 42	x	4.50	37.50	37.799
M 45	x	4.50	40.50	40.799
M 48	x	5.00	43.00	43.297
M 52	x	5.00	47.00	47.297
M 56	x	5.50	50.50	50.796
M 64	x	6.00	58.00	58.305

Notes:

TP: Thread lead
 TDZ: Thread form and size
 PHD: Diameter, pilot hole
 PHDX: Max. diameter, pilot hole

Tap MF

MF: DIN 13		Metric		
TDZ		TP	PHD	PHDX 5H/6H
M 2.5	x	0.35	2.15	2.221
M 3.0	x	0.35	2.65	2.721
M 3.5	x	0.35	3.15	3.221
M 4.0	x	0.50	3.50	3.599
M 4.5	x	0.50	4.00	4.099
M 5.0	x	0.50	4.50	4.599
M 5.5	x	0.50	5.00	5.099
M 6.0	x	0.75	5.25	5.378
M 7.0	x	0.75	6.25	6.378
M 8.0	x	0.50	7.50	7.599
M 8.0	x	0.75	7.25	7.378
M 8.0	x	1.00	7.00	7.153
M 9.0	x	0.75	8.25	8.378
M 9.0	x	1.00	8.00	8.153
M 10	x	0.75	9.25	9.378
M 10	x	1.00	9.00	9.153
M 10	x	1.25	8.80	8.912
M 11	x	0.75	10.25	10.378
M 11	x	1.00	10.00	10.153
M 12	x	1.00	11.00	11.153
M 12	x	1.25	10.75	10.912
M 12	x	1.50	10.50	10.676
M 14	x	1.00	13.00	13.153
M 14	x	1.25	12.75	12.912
M 14	x	1.50	12.50	12.676
M 15	x	1.00	14.00	14.153
M 15	x	1.50	13.50	13.676
M 16	x	1.00	15.00	15.153
M 16	x	1.25	14.80	14.912
M 16	x	1.50	14.50	14.676
M 17	x	1.00	16.00	16.153
M 17	x	1.50	15.50	15.676
M 18	x	1.00	17.00	17.153
M 18	x	1.50	16.50	16.676
M 20	x	1.00	19.00	19.153
M 20	x	1.50	18.50	18.676
M 20	x	2.00	18.00	18.210
M 22	x	1.00	21.00	21.153
M 22	x	1.50	20.50	20.676
M 22	x	2.00	20.00	20.210
M 24	x	1.00	23.00	23.153
M 24	x	1.50	22.50	22.676
M 24	x	2.00	22.00	22.210
M 25	x	1.00	24.00	24.153
M 25	x	1.50	23.50	23.676
M 25	x	2.00	23.00	23.210
M 27	x	1.00	26.00	26.153
M 27	x	1.50	25.50	25.676
M 27	x	2.00	25.00	25.210
M 28	x	1.00	27.00	27.153
M 28	x	1.50	26.50	26.676
M 28	x	2.00	26.00	26.210
M 30	x	1.00	29.00	29.153
M 30	x	1.50	28.50	28.676
M 30	x	2.00	28.00	28.210
M 30	x	3.00	27.00	27.252
M 32	x	1.50	30.50	30.676
M 32	x	2.00	30.00	30.210
M 33	x	1.50	31.50	31.676
M 33	x	2.00	31.00	31.210
M 33	x	3.00	30.00	30.252
M 35	x	1.50	33.50	33.676
M 36	x	1.50	34.50	34.676

CoroTap™

Hole size – recommendations

Tap UNC

UNC: ASME B1.1			Metric		
TDZ	TP	PHD	PHDX 2B	PHDX 3B	
No. 1	-	0.25	1.55	1.582	1.582
No. 2	-	0.25	1.85	1.872	1.872
No. 3	-	0.25	2.10	2.146	2.146
No. 4	-	0.30	2.35	2.385	2.385
No. 5	-	0.35	2.65	2.697	2.697
No. 6	-	0.35	2.85	2.896	2.896
No. 8	-	0.40	3.50	3.531	3.528
No. 10	-	0.45	3.90	3.962	3.950
No. 12	-	0.40	4.50	4.597	4.590
1/4	-	0.45	5.10	5.268	5.250
5/16	-	0.45	6.60	6.734	6.680
3/8	-	0.50	8.00	8.164	8.082
7/16	-	0.60	9.40	9.550	9.441
1/2	-	0.70	10.80	11.013	10.881
9/16	-	0.75	12.20	12.456	12.301
5/8	-	0.80	13.50	13.868	13.693
3/4	-	1.00	16.50	16.833	16.324
7/8	-	1.00	19.50	19.748	19.520
1	-	1.25	22.25	22.598	22.344
1 1/8	-	1.25	25.00	25.349	25.082
1 1/4	-	1.50	28.00	28.524	28.258
1 3/8	-	1.50	30.75	31.120	30.851
1 1/2	-	1.75	34.00	34.295	34.026
1 3/4	-	2.00	39.50	39.814	39.560
2	-	2.00	45.00	45.598	45.367

Tap UNF

UNF: ASME B1.1			Metric		
TDZ	TP	PHD*	PHDX 2B	PHDX 3B	
No. 1	-	72	1.55	1.613	1.613
No. 2	-	64	1.85	1.913	1.913
No. 3	-	56	2.15	2.197	2.197
No. 4	-	48	2.40	2.459	2.459
No. 5	-	44	2.70	2.741	2.741
No. 6	-	40	2.95	3.023	3.012
No. 8	-	36	3.50	3.607	3.597
No. 10	-	32	4.10	4.166	4.168
No. 12	-	28	4.60	4.724	4.717
1/4	-	28	5.50	5.580	5.563
5/16	-	24	6.90	7.038	6.995
3/8	-	24	8.50	8.626	8.565
7/16	-	20	9.90	10.030	9.947
1/2	-	20	11.50	11.618	11.524
9/16	-	18	12.90	13.084	12.969
5/8	-	18	14.50	14.671	14.554
3/4	-	16	17.50	17.689	17.546
7/8	-	14	20.40	20.663	20.493
1	-	12	23.25	23.569	23.363
1 1/8	-	12	26.50	26.744	26.538
1 1/4	-	12	29.50	29.919	29.713
1 3/8	-	12	32.75	33.094	32.888
1 1/2	-	12	36.00	36.269	36.063

Tap G

M: DIN 13		Metric		
TDZ	TP	PHD	PHDX	
G 1/16	-	28	6.80	6.843
G 1/8	-	28	8.80	8.848
G 1/4	-	19	11.80	11.890
G 3/8	-	19	15.25	15.395
G 1/2	-	14	19.00	19.173
G 5/8	-	14	21.00	21.129
G 3/4	-	14	24.50	24.659
G 7/8	-	14	28.25	28.419
G 1	-	11	30.75	30.932
G 1 1/8	-	11	35.50	35.580
G 1 1/4	-	11	39.50	39.593
G 1 1/2	-	11	45.25	45.486

TP: Thread lead

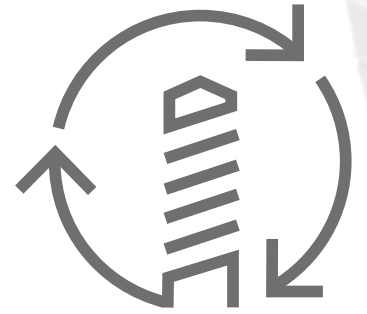
TDZ: Thread form and size

PHD: Diameter, pilot hole

PHDX: Max. diameter, pilot hole

Reconditioning

Reconditioning worn solid carbide tools is a good way to extend their tool life while dramatically reducing the costs associated with purchasing new tools. If you are not yet familiar with our regrinding service, it's time to give it a try.



100%

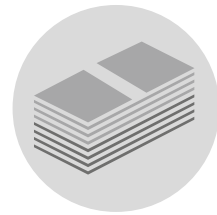
Reliability

Our specialists are always available to assist you with their expertise.



Original quality

Consistent quality in every regrinding process.



50%

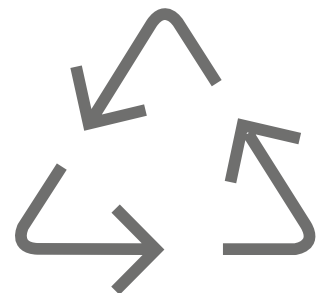
Savings

Reconditioning can lower your tool costs by up to 50%.

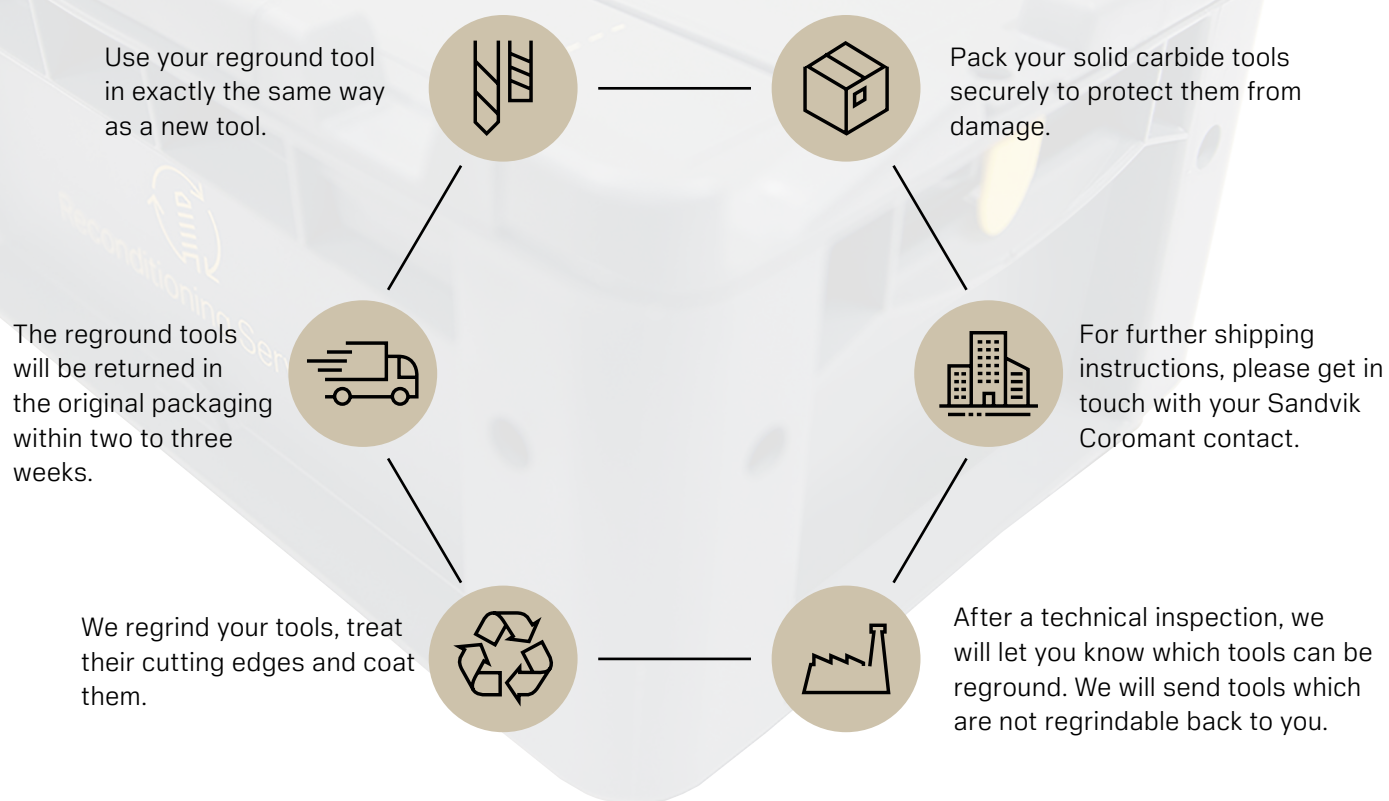
Recycling: For the good of the environment

Did you know that you can earn money with your used tools? All you have to do is let us recycle them for you.

If it is no longer profitable for you to have the tool reground, the solid carbide can be recycled through our recycling scheme, which pays market prices for carbide. Not only do you earn money, you also help to reduce the environmental impact of producing new tools and minimise the use of the tungsten.



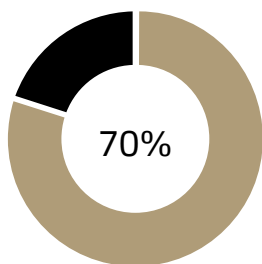
How it works



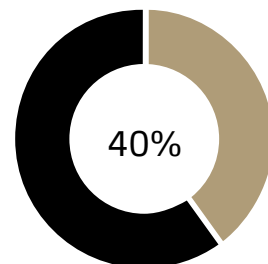
Sandvik Coromant recovers more than 80% of the sold solid carbide.

Advantages for the environment

Instead of using raw materials extracted from ore, producing new tools from recycled carbide uses 70% less energy.



Production using recycled materials reduces carbon dioxide emissions by a total of 40%.



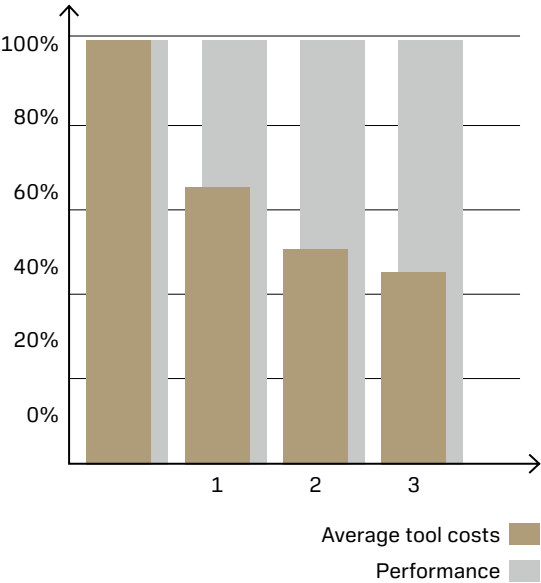
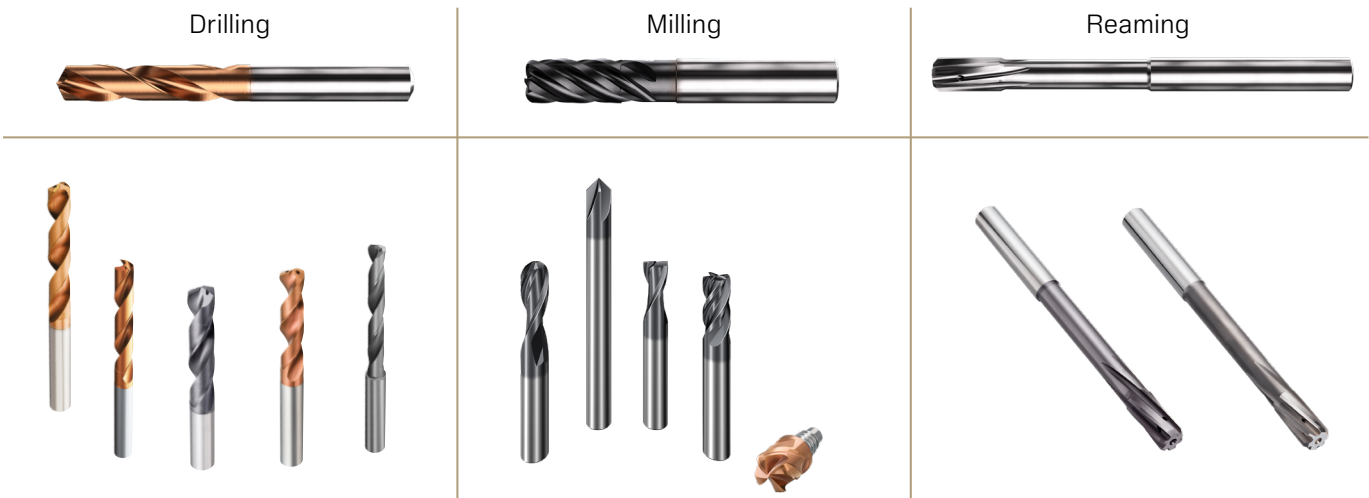
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Would you like to try out our regrinding service?
We not only regrind carbide drills, but milling cutters
and reamers too.



You can see which products can be
reground thanks to the regrinding
symbol in our catalogues and on our
website.

Products with regrinding service



Ratio of performance to tool costs

Each regrinding process gives you consistent
tool quality while dramatically reducing costs.

Simplify your work with our mobile applications

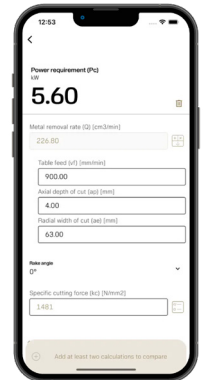
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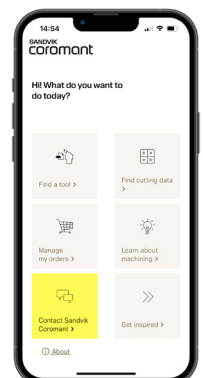
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Sandvik Coromant Division
Schiessstraße 49
40549 Düsseldorf

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