

CoroMill® Dura 2023

Fraises en bout monobloc polyvalentes



Fraisage en bout polyvalent et efficace

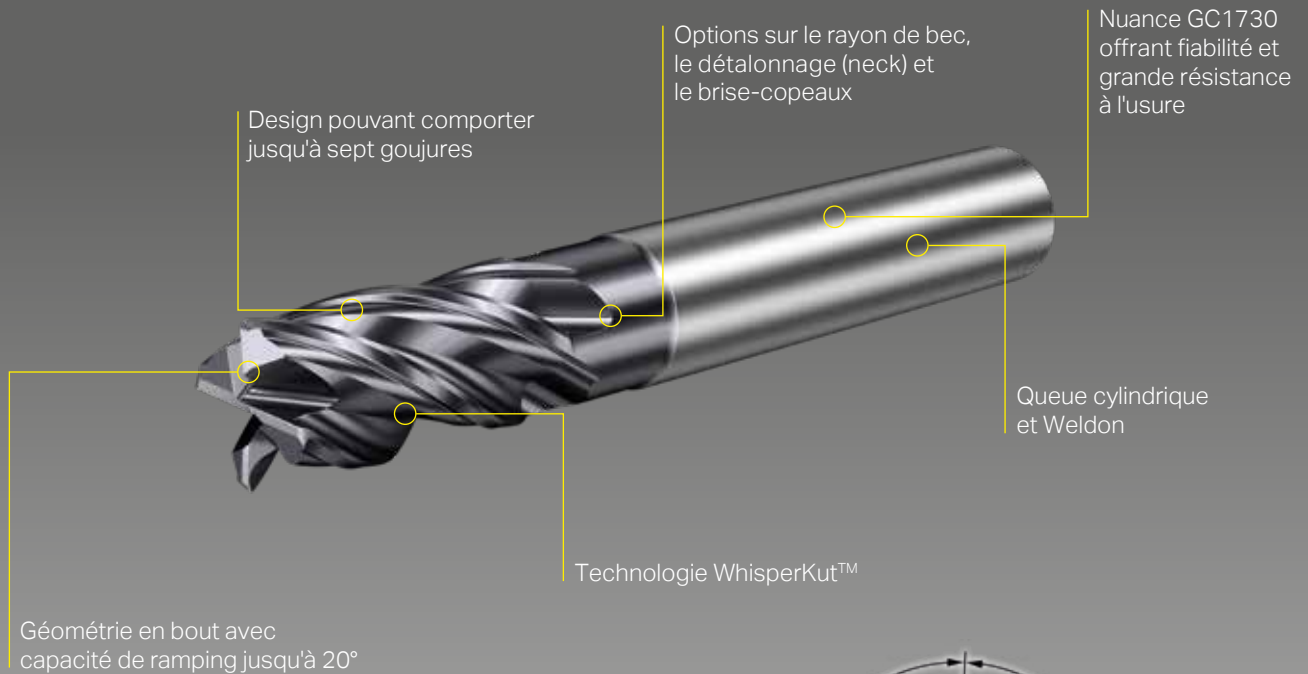
CoroMill® Dura est une nouvelle gamme de fraises en bout monobloc polyvalentes hautes performances. Le concept offre une vraie flexibilité dans les opérations d'ébauche et de finition dans une multitude de matières.

La clé de cette réussite réside dans WhisperKut™, une technologie exclusive qui élimine efficacement les harmoniques dommageables. Résultat : une coupe douce et stable comme jamais.



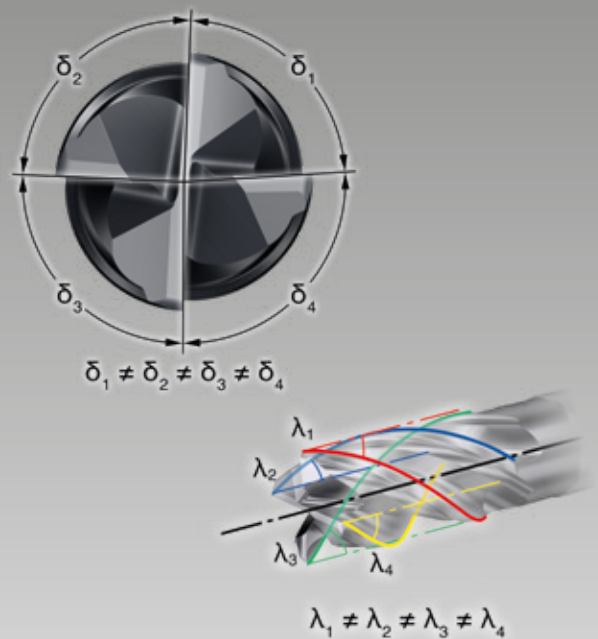
Caractéristiques de l'outil

- 2-7 goujures avec longueur de coupe entre 1-4xD, avec et sans brise-copeaux
- Géométries robustes et de coupe légère conçues pour être efficaces dans de nombreuses applications
- Facilité de choix, facilité d'utilisation : principe «Plug and Play», indications simples et claires pour sélectionner la bonne variante.
- Reconditionnement aux spécifications d'origine possible jusqu'à trois fois



Technologie WhisperKut™

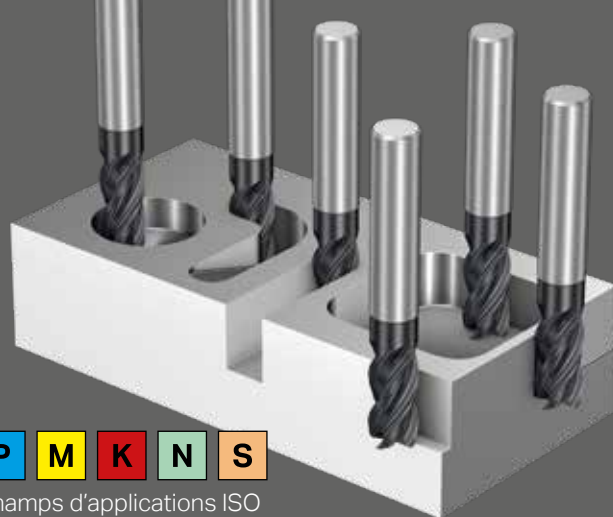
- Concept évolué d'hélices inégales, dans lequel chaque goujure est orientée selon un angle d'hélice différent
- À chaque niveau de l'arête de coupe, chaque goujure est espacée des autres de manière inégale, d'où une réduction des harmoniques constantes typiques des fraises en bout conventionnelles
- Cette conception permet d'obtenir une très grande stabilité et une efficacité établie à éliminer les vibrations
- Résultat : un usinage silencieux, sûr et efficace



Application

- Ébauche à finition avec différents engagements en conditions multi-matières
- Un seul concept d'outil polyvalent pour toutes les applications et toutes les matières
- Mécanique générale dans tous les segments industriels

Sélection d'outils : CoroMill® Dura



Premier choix : 1K334
Solution «Plug and Play»

1K334 (z=4, APMX=2×D)
1K324 (z=4, APMX=1.5×Dc)

P M K N S
Champs d'applications ISO

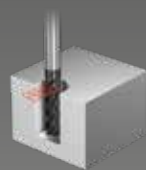
Besoin d'une solution plus personnalisée ?



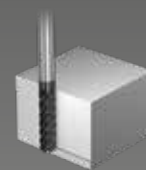
Applications rainurage/DTH
1K212 (z=2, APMX=1×Dc)
1K232 (z=2, APMX=2×Dc)
1K313 (z=3, APMX=1×Dc)
1K333 (z=3, APMX=2×Dc)



Engagements moyens à grands/fraisage dynamique
1K325 (z=5, APMX=1.5×Dc)
1K335 (z=5, APMX=2×Dc)

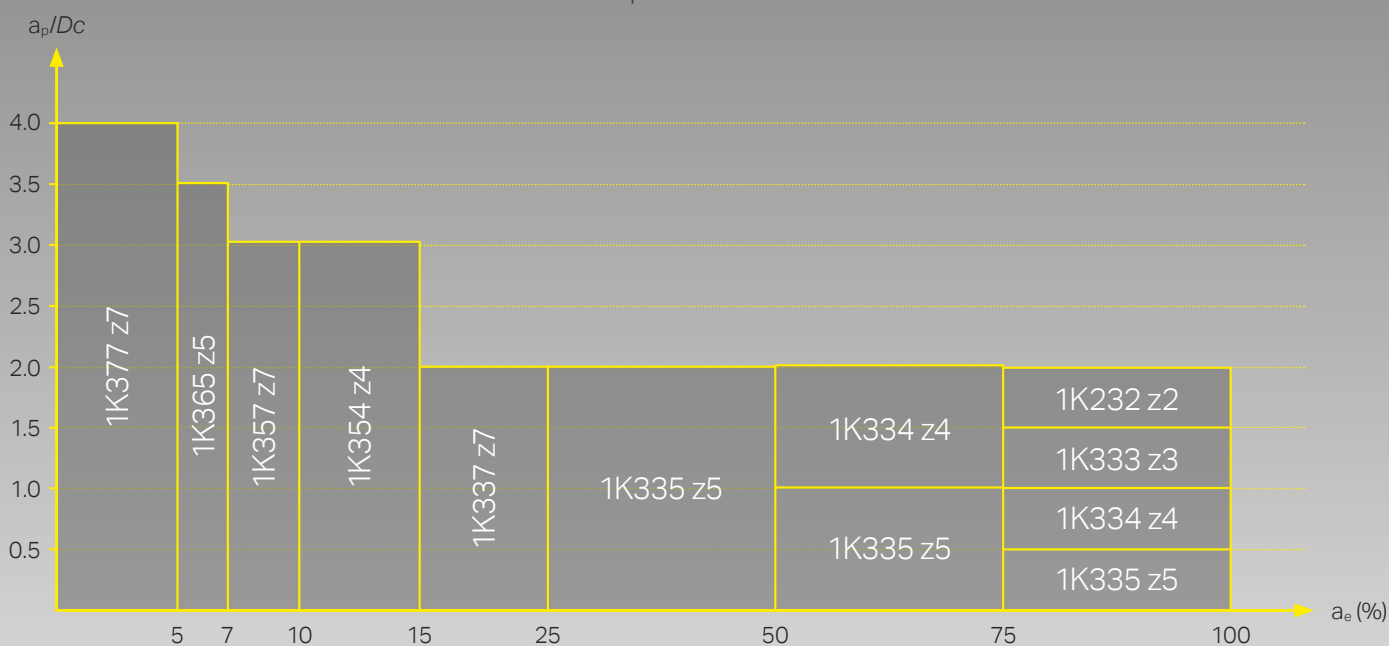


Fraisage dynamique/engagements petits
1K354 (z=4, APMX=3×Dc)
1K365 (z=5, APMX=3.5×Dc)



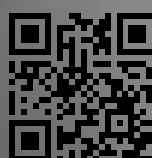
Finition/semi-finition
1K337 (z=7, APMX=2×Dc)
1K357 (z=7, APMX=3×Dc)
1K377 (z=7, APMX=4×Dc)

Engagement maximum : limites a_p/a_e



Sélecteur d'outils CoroMill® Dura

- Sélecteur d'outils en ligne fondé sur le guide d'outils CoroPlus® Tool Guide
- Choisissez le bon outil et les paramètres qui conviennent à votre application
- Facilité d'emploi, facilité de choix
- Compatible avec les champs d'application CoroMill® Dura suivants : rainurage, fraisage latéral, usinage de poches et interpolation hélicoïdale



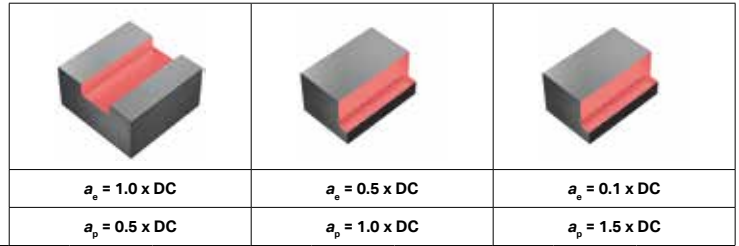
Cutting speed recommendations

Versatile - CoroMill® Dura 1-2 x D assortment

increase +20% f_z for end mills with shorter length 1,5 x D

reduce -50% feedrate f_z for 1K337 end mill (-50%)

increase +30% f_z for Z3 and Z2 end mill $a_{p,max} = 1 \times D$



ISO	MC No.	CMC	Material	HB	$a_e = 1.0 \times DC$			$a_e = 0.5 \times DC$			$a_e = 0.1 \times DC$		
					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
P	P1.2.Z.AN	01.2	Unalloyed steel	190	F01	145	475	F04	175	574	F06	290	951
	P2.2.Z.AN	02.2	Low-alloyed steel	240	F01	110	361	F04	135	443	F06	230	754
	P3.0.Z.HT	03.21	High alloyed steel	380	F02	80	262	F05	100	328	F06	200	656
M	P5.0.Z.AN	05.11	Ferritic/martensitic stainless steel	200	F02	80	262	F05	90	295	F04	150	492
	M1.0.Z.AQ	05.21	Austenitic stainless steel	200	F01	70	230	F04	80	262	F06	120	393
	M3.2.Z.AQ	05.51	Duplex (austenitic/ferritic) stainless steel	260	F02	60	197	F05	70	230	F04	90	295
K	K1.1.C.NS	07.2	Malleable cast iron	200	F01	150	492	F04	180	590	F06	250	820
	K2.1.C.UT	08.2	Grey cast iron	180	F01	150	492	F04	180	590	F06	250	820
	K3.2.C.UT	09.2	Nodular cast iron	215	F01	160	525	F04	190	623	F06	270	885
N	N1.2.Z.AG	30.12	Aluminium based alloys	100	F03	680	2230	F03	835	2738	F09	950	3115
	N1.3.C.UT	30.21	Aluminium based alloys	75	F03	230	754	F03	305	1000	F09	410	1344
	N1.4.C.NS	30.42	Aluminium based alloys	130	F03	100	328	F03	130	426	F09	195	639
	N3.2.C.UT	33.2	Copper and copper alloys	90	F03	130	426	F03	170	557	F09	245	803
S	S2.0.Z.AG	20.22	Iron based superalloys	350	F02	25	82	F05	30	98	F07	40	131
	S4.2.Z.AN	23.22	Nickel based super alloys	320	F02	40	131	F05	50	164	F07	70	230

Feed recommendations

mm/ tooth

Zoll/ tooth

DC	1.000	2.000	3.000	4.000	6.000	6.350	8.000	9.525	10.000	12.000	12.700	14.000	15.875	16.000	19.050	20.000	25.000	25.400
f_z	.039	.079	.570	.157	.236	.250	.315	.375	.394	.472	.500	.551	.625	.630	.750	.787	.984	1.000
F01	.008	.012	.016	.021	.029	.030	.037	.044	.046	.054	.057	.062	.070	.071	.083	.087	.108	.110
	.003	.005	.006	.008	.011	.012	.015	.017	.018	.021	.022	.025	.028	.028	.033	.034	.043	.043
F02	.008	.011	.015	.018	.025	.026	.032	.037	.038	.045	.047	.052	.058	.058	.069	.072	.089	.090
	.003	.004	.006	.007	.010	.010	.012	.014	.015	.018	.019	.020	.023	.023	.027	.028	.035	.035
F03	.020	.027	.033	.040	.053	.055	.066	.076	.079	.092	.097	.105	.118	.118	.138	.145	.177	.180
	.008	.010	.013	.016	.021	.022	.026	.030	.031	.036	.038	.041	.046	.047	.054	.057	.070	.071
F04	.020	.025	.029	.034	.044	.045	.053	.060	.062	.072	.075	.081	.090	.091	.105	.110	.133	.135
	.008	.010	.012	.013	.017	.018	.021	.024	.025	.028	.030	.032	.035	.036	.041	.043	.052	.053
F05	.020	.023	.027	.030	.037	.039	.044	.050	.051	.058	.061	.065	.072	.072	.083	.086	.104	.105
	.008	.009	.011	.012	.015	.015	.017	.020	.020	.023	.024	.026	.028	.028	.033	.034	.041	.041
F06	.022	.028	.035	.041	.054	.057	.067	.077	.080	.093	.098	.106	.118	.119	.139	.145	.177	.180
	.009	.011	.014	.016	.021	.022	.027	.030	.032	.037	.038	.042	.047	.047	.055	.057	.070	.071
F07	.020	.025	.031	.036	.047	.049	.057	.065	.068	.079	.082	.089	.099	.100	.116	.121	.148	.150
	.008	.010	.012	.014	.018	.019	.023	.026	.027	.031	.032	.035	.039	.039	.046	.048	.058	.059
F08	.030	.038	.046	.053	.069	.072	.085	.096	.100	.116	.121	.131	.146	.147	.171	.178	.217	.220
	.012	.015	.018	.021	.027	.028	.033	.038	.039	.046	.048	.052	.057	.058	.067	.070	.085	.087

For optimized cutting data see CoroPlus® ToolGuide and CoroMill® Dura Tool selector.

Tool Guide:



<https://www.sandvik.coromant.com/en-en/products/coroplus-toolguide/pages/default.aspx>




Tool Selector:




https://www.sandvik.coromant.com/en-en/products/toolguide/tool-recommendation?FocusAssortment=TG_DURA

Cutting speed recommendations

Versatile - CoroMill® Dura solid carbide end mills 3-4 x D assortment

																
					1K354-XC/XD				1K357-XD				1K365-XC/XD			
					$a_p = 3.0 \times DC$				$a_p = 3.0 \times DC$				$a_p = 3.5 \times DC$			
ISO	MC No.	CMC	Material	HB	a_e	f_z	V_c m/min	V_c feet/min	a_e	f_z	V_c m/min	V_c feet/min	a_e	f_z	V_c m/min	V_c feet/min
P	P1.2.Z.AN	01.2	Unalloyed steel	190	0.15xDC	F01	250	820	0.10xDC	F01	275	902	0.07xDC	F04	303	992
	P2.2.Z.AN	02.2	Low-alloyed steel	240	0.15xDC	F01	240	787	0.10xDC	F02	264	866	0.07xDC	F04	290	952
	P3.0.Z.HT	03.21	High alloyed steel	320	0.15xDC	F02	140	459	0.10xDC	F02	154	505	0.07xDC	F05	169	555
M	P5.0.Z.AN	05.11	Ferritic/martensitic stainless steel	200	0.15xDC	F02	120	393	0.10xDC	F02	132	433	0.07xDC	F05	145	476
	M1.0.Z.AQ	05.21	Austenitic stainless steel	200	0.15xDC	F02	150	492	0.10xDC	F02	165	541	0.07xDC	F05	182	595
	M3.2.Z.AQ	05.51	Duplex (austenitic/ferritic) stainless steel	260	0.15xDC	F02	130	426	0.10xDC	F02	143	469	0.07xDC	F05	157	516
K	K1.1.C.NS	07.2	Malleable cast iron	200	0.15xDC	F01	235	770	0.10xDC	F01	259	848	0.07xDC	F04	284	932
	K2.1.C.UT	08.2	Grey cast iron	180	0.15xDC	F01	240	787	0.10xDC	F01	264	866	0.07xDC	F04	290	952
	K3.2.C.UT	09.2	Nodular cast iron	215	0.15xDC	F01	245	803	0.10xDC	F01	270	884	0.07xDC	F04	296	972
N	N1.2.Z.AG	30.12	Aluminium based alloys	100	0.15xDC	F04	950	3115	0.10xDC	F04	1140	3738	0.07xDC	F06	1140	3738
	N1.3.C.UT	30.21	Aluminium based alloys	75	0.15xDC	F04	410	1344	0.10xDC	F04	492	1613	0.07xDC	F06	492	1613
	N1.4.C.NS	30.42	Aluminium based alloys	130	0.15xDC	F04	195	639	0.10xDC	F04	234	767	0.07xDC	F06	234	767
	N3.2.C.UT	33.2	Copper and copper alloys	90	0.15xDC	F04	245	803	0.10xDC	F04	294	964	0.07xDC	F06	294	964
S	S2.0.Z.AG	20.22	Nickel based superalloys	350	0.05xDC	F03	55	180	0.05xDC	F03	55	180	0.05xDC	F03	55	180
	S4.2.Z.AN	23.22	Titanium based alloys	320	0.05xDC	F03	120	393	0.05xDC	F03	120	393	0.05xDC	F03	120	393

									Finishing			
					1K377-XD				all			
					$a_p = 4.0 \times DC$				$a_p = 2.0 - 4.0 \times DC$			
ISO	MC No.	CMC	Material	HB	a_p	f_z	V_c m/min	V_c feet/min	a_p	f_z	V_c m/min	V_c feet/min
P	P1.2.Z.AN	01.2	Unalloyed steel	190	0.05xDC	F07	333	1091	0.10(0.05-0.2)	0.03	366	1200
	P2.2.Z.AN	02.2	Low-alloyed steel	240	0.05xDC	F07	319	1048	0.10(0.05-0.2)	0.03	351	1152
	P3.0.Z.HT	03.21	High alloyed steel	320	0.05xDC	F02	186	611	0.10(0.05-0.2)	0.03	205	672
M	P5.0.Z.AN	05.11	Ferritic/martensitic stainless steel	200	0.05xDC	F08	160	524	0.10(0.05-0.2)	0.03	176	576
	M1.0.Z.AQ	05.21	Austenitic stainless steel	200	0.05xDC	F08	200	655	0.10(0.05-0.2)	0.03	220	720
	M3.2.Z.AQ	05.51	Duplex (austenitic/ferritic) stainless steel	260	0.05xDC	F08	173	567	0.10(0.05-0.2)	0.03	190	624
K	K1.1.C.NS	07.2	Malleable cast iron	200	0.05xDC	F07	313	1026	0.10(0.05-0.2)	0.03	344	1128
	K2.1.C.UT	08.2	Grey cast iron	180	0.05xDC	F07	319	1048	0.10(0.05-0.2)	0.03	351	1152
	K3.2.C.UT	09.2	Nodular cast iron	215	0.05xDC	F07	326	1069	0.10(0.05-0.2)	0.03	359	1176
N	N1.2.Z.AG	30.12	Aluminium based alloys	100	0.05xDC	F03	1140	3738	0.10(0.05-0.2)	0.03	1140	3738
	N1.3.C.UT	30.21	Aluminium based alloys	75	0.05xDC	F03	492	1613	0.10(0.05-0.2)	0.03	492	1613
	N1.4.C.NS	30.42	Aluminium based alloys	130	0.05xDC	F03	234	767	0.10(0.05-0.2)	0.03	234	767
	N3.2.C.UT	33.2	Copper and copper alloys	90	0.05xDC	F03	294	964	0.10(0.05-0.2)	0.03	294	964
S	S2.0.Z.AG	20.22	Nickel based superalloys	350	0.05xDC	F08	55	180	0.10(0.05-0.2)	0.03	50	164
	S4.2.Z.AN	23.22	Titanium based alloys	320	0.05xDC	F08	120	393	0.10(0.05-0.2)	0.03	105	344

DC	2.000	3.000	4.000	6.000	6.350	8.000	9.525	10.000	12.000	12.700	14.000	15.875	16.000	19.050	20.000	25.000	25.400
f_z	0.079	0.118	0.157	0.236	0.250	0.315	0.375	0.394	0.472	0.500	0.551	0.625	0.630	0.750	0.787	0.984	1.000
F01	0.010	0.015	0.020	0.030	0.032	0.040	0.048	0.050	0.060	0.064	0.070	0.079	0.080	0.095	0.100	0.125	0.127
	.0004	.0006	.0008	.0012	.0013	.0016	.0019	.0020	.0024	.0025	.0028	.0031	.0031	.0038	.0039	.0049	.0050
F02	0.008	0.012	0.015	0.023	0.024	0.031	0.036	0.038	0.046	0.049	0.054	0.061	0.061	0.073	0.076	0.095	0.097
	.0003	.0005	.0006	.0009	.0010	.0012	.0014	.0015	.0018	.0019	.0021	.0024	.0024	.0029	.0030	.0038	.0038
F03	0.010	0.014	0.019	0.028	0.030	0.037	0.044	0.046	0.055	0.058	0.064	0.073	0.073	0.087	0.092	0.114	0.116
	.0004	.0006	.0007	.0011	.0012	.0015	.0017	.0018	.0022	.0023	.0025	.0029	.0029	.0034	.0036	.0045	.0046
F04	0.013	0.020	0.027	0.040	0.042	0.053	0.063	0.067	0.080	0.085	0.093	0.106	0.106	0.127	0.133	0.166	0.169
	.0005	.0008	.0011	.0016	.0017	.0021	.0025	.0026	.0031	.0033	.0037	.0042	.0042	.0050	.0052	.0065	.0067
F05	0.011	0.017	0.023	0.035	0.037	0.047	0.056	0.059	0.071	0.075	0.082	0.094	0.094	0.112	0.118	0.148	0.150
	.0004	.0007	.0009	.0014	.0015	.0018	.0022	.0023	.0028	.0029	.0032	.0037	.0037	.0044	.0046	.0058	.0059
F06	0.021	0.028	0.036	0.050	0.053	0.064	0.075	0.079	0.093	0.098	0.108	0.121	0.122	0.144	0.151	0.187	0.190
	.0008	.0011	.0014	.0020	.0021	.0025	.0030	.0031	.0037	.0039	.0042	.0048	.0048	.0057	.0059	.0074	.0075
F07	0.014	0.016	0.018	0.021	0.022	0.024	0.027	0.028	0.031	0.032	0.034	0.037	0.037	0.043	0.044	0.052	0.053
	.0006	.0006	.0007	.0008	.0008	.0010	.0011	.0011	.0012	.0013	.0013	.0015	.0015	.0017	.0017	.0021	.0021
F08	0.003	0.005	0.007	0.010	0.011	0.013	0.016	0.017	0.020	0.021	0.023	0.026	0.026	0.032	0.033	0.041	0.042
	.0001	.0002	.0003	.0004	.0004	.0005	.0006	.0007	.0008	.0008	.0009	.0010	.0010	.0012	.0013	.0016	.0017

For optimized cutting data see CoroPlus® ToolGuide and CoroMill® Dura Tool selector.

CoroMill® Dura solid carbide end mill for general machining

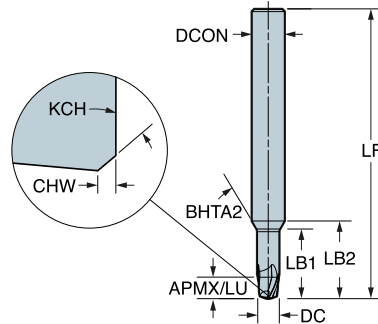
2 Flutes - for milling keyways P9

1K212 – 1xD

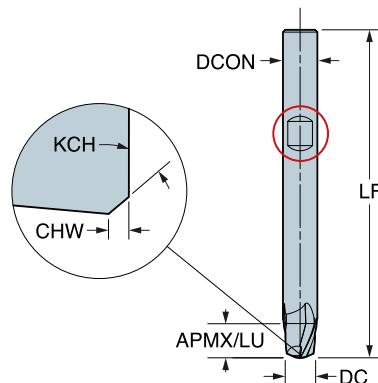
FHA 28°
 BSG COROMANT
 TCDC e8
 TCDCON h6
 ZEFP 2



ISO application areas



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	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°	40,65
3.0	6	3.0	0.08	45°	3.0	2	28°	1K212-0300-XA	★	★	★	★	★	6.0	50.0	10.0	12.6	30°	40,65
3.8	6	3.8	0.08	45°	3.8	2	28°	1K212-0380-XA	★	★	★	★	★	6.0	54.0	12.7	14.6	30°	40,65
4.0	6	4.0	0.13	45°	4.0	2	28°	1K212-0400-XA	★	★	★	★	★	6.0	54.0	12.5	14.2	30°	40,65
4.8	6	4.8	0.13	45°	4.8	2	28°	1K212-0480-XA	★	★	★	★	★	6.0	54.0	15.0	16.0	30°	49,70
5.0	6	5.0	0.13	45°	5.0	2	28°	1K212-0500-XA	★	★	★	★	★	6.0	54.0	14.0	14.9	30°	49,70
5.8	6	5.8	0.13	45°	5.8	2	28°	1K212-0580-XA	★	★	★	★	★	6.0	57.0	16.3	16.5	30°	49,70



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	1730	1730	1730	1730	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				50,70
7.8	8	7.8	0.13	45°	7.8	2	28°	1K212-0780-XB	★	★	★	★	★	8.0	63.0	21.1			59,90
8.0	8	8.0	0.20	45°	8.0	2	28°	1K212-0800-XB	★	★	★	★	★	8.0	63.0				59,90
9.7	10	9.7	0.20	45°	9.7	2	28°	1K212-0970-XB	★	★	★	★	★	10.0	72.0	26.2			69,10
10.0	10	10.0	0.20	45°	10.0	2	28°	1K212-1000-XB	★	★	★	★	★	10.0	72.0				69,10
11.7	12	11.7	0.20	45°	11.7	2	28°	1K212-1170-XB	★	★	★	★	★	12.0	83.0	30.5			92,20
12.0	12	12.0	0.20	45°	12.0	2	28°	1K212-1200-XB	★	★	★	★	★	12.0	83.0				92,20
16.0	16	16.0	0.20	45°	16.0	2	28°	1K212-1600-XB	★	★	★	★	★	16.0	92.0				152,00
20.0	20	20.0	0.30	45°	20.0	2	28°	1K212-2000-XB	★	★	★	★	★	20.0	92.0				277,00

CoroMill® Dura solid carbide end mill for general machining

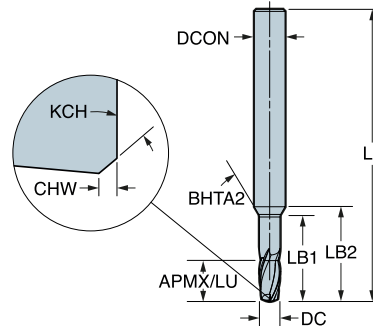
2 Flutes - for milling keyways P9

1K232 – 2xD

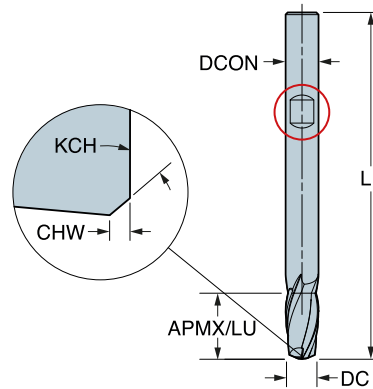
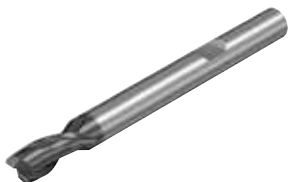
FHA 28°
 BSG COROMANT
 TCDC e8
 TCDCON h6
 ZEFP 2



ISO application areas



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	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°	32,80
2.0	6	4.0			4.0	2	28°	1K232-0200-XA	★	★	★	★	★	6.0	57.0	10.5	14.0	30°	49,20
3.0	6	6.0	0.08	45°	6.0	2	28°	1K232-0300-XA	★	★	★	★	★	6.0	57.0	13.0	15.6	30°	49,20
4.0	6	8.0	0.13	45°	8.0	2	28°	1K232-0400-XA	★	★	★	★	★	6.0	57.0	16.5	18.2	30°	49,20
5.0	6	10.0	0.13	45°	10.0	2	28°	1K232-0500-XA	★	★	★	★	★	6.0	57.0	19.0	19.9	30°	60,20



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	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				61,40
8.0	8	16.0	0.20	45°	16.0	2	28°	1K232-0800-XB	★	★	★	★	★	8.0	72.0				72,50
10.0	10	20.0	0.20	45°	20.0	2	28°	1K232-1000-XB	★	★	★	★	★	10.0	82.0				83,70
12.0	12	24.0	0.20	45°	24.0	2	28°	1K232-1200-XB	★	★	★	★	★	12.0	92.0				112,00
16.0	16	32.0	0.20	45°	32.0	2	28°	1K232-1600-XB	★	★	★	★	★	16.0	104.0				184,00
20.0	20	40.0	0.30	45°	40.0	2	28°	1K232-2000-XB	★	★	★	★	★	20.0	114.0				335,00

CoroMill® Dura solid carbide end mill for general machining

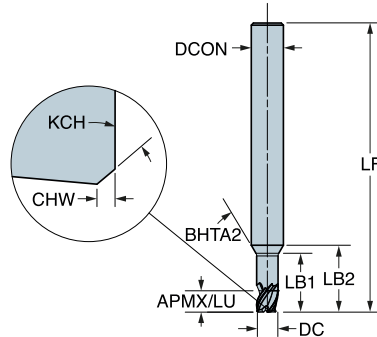
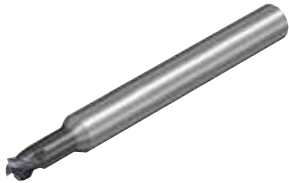
3 Flutes - for milling keyways P9

1K313 - 1xD

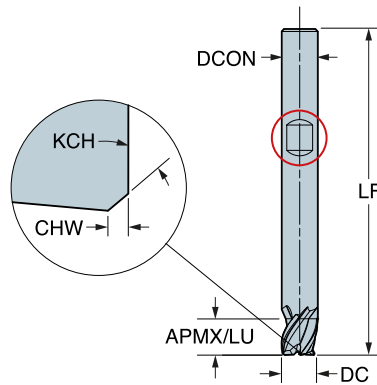
FHA 38°
 BSG COROMANT
 TCDC d8
 TCDCON h6
 ZEFP 3



ISO application areas



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	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°	42,90
3.0	6	3.0	0.08	45°	3.0	3	38°	1K313-0300-XA	★	★	★	★	★	6.0	50.0	8.5	11.1	30°	42,90
3.5	6	3.5	0.08	45°	3.5	3	38°	1K313-0350-XA	★	★	★	★	★	6.0	50.0	9.9	12.1	30°	42,90
3.8	6	3.8	0.08	45°	3.8	3	38°	1K313-0380-XA	★	★	★	★	★	6.0	54.0	10.8	12.7	30°	42,90
4.0	6	4.0	0.13	45°	4.0	3	38°	1K313-0400-XA	★	★	★	★	★	6.0	54.0	10.5	12.2	30°	42,90
4.5	6	4.5	0.13	45°	4.5	3	38°	1K313-0450-XA	★	★	★	★	★	6.0	54.0	11.8	13.1	30°	52,50
4.8	6	4.8	0.13	45°	4.8	3	38°	1K313-0480-XA	★	★	★	★	★	6.0	54.0	12.6	13.6	30°	52,50
5.0	6	5.0	0.13	45°	5.0	3	38°	1K313-0500-XA	★	★	★	★	★	6.0	54.0	12.0	12.9	30°	52,50
5.8	6	5.8	0.13	45°	5.8	3	38°	1K313-0580-XA	★	★	★	★	★	6.0	54.0	13.9	14.1	30°	52,50



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	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				53,50
7.8	8	7.8	0.13	45°	7.8	3	38°	1K313-0780-XB	★	★	★	★	★	8.0	58.0	17.9			63,20
8.0	8	8.0	0.20	45°	8.0	3	38°	1K313-0800-XB	★	★	★	★	★	8.0	58.0				63,20
9.7	10	9.7	0.20	45°	9.7	3	38°	1K313-0970-XB	★	★	★	★	★	10.0	66.0	22.3			73,00
10.0	10	10.0	0.20	45°	10.0	3	38°	1K313-1000-XB	★	★	★	★	★	10.0	66.0				73,00
11.7	12	11.7	0.20	45°	11.7	3	38°	1K313-1170-XB	★	★	★	★	★	12.0	73.0	25.7			97,30
12.0	12	12.0	0.20	45°	12.0	3	38°	1K313-1200-XB	★	★	★	★	★	12.0	73.0				97,30
16.0	16	16.0	0.20	45°	16.0	3	38°	1K313-1600-XB	★	★	★	★	★	16.0	82.0				161,00
20.0	20	20.0	0.30	45°	20.0	3	38°	1K313-2000-XB	★	★	★	★	★	20.0	92.0				292,00

CoroMill® Dura solid carbide end mill for general machining

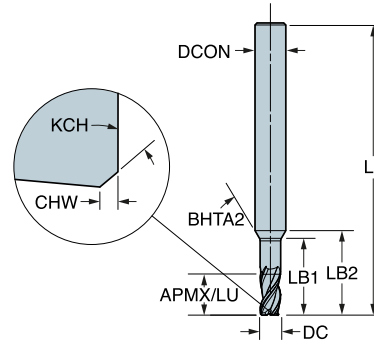
3 Flutes - for milling keyways P9

1K333 – 2xD

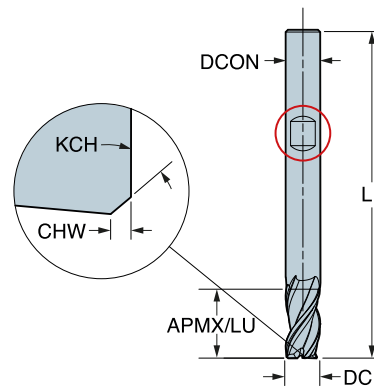
FHA 38°
 BSG COROMANT
 TCDC d8
 TCDCON h6
 ZEFP 3



ISO application areas



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	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	9.0	13.3	30°	34,65
1.5	6	3.0			3.0	3	38°	1K333-0150-XA	★	★	★	★	★	6.0	50.0	8.0	11.9	30°	52,00
1.8	6	3.6			3.6	3	38°	1K333-0180-XA	★	★	★	★	★	6.0	50.0	8.0	11.6	30°	52,00
2.0	6	4.0			4.0	3	38°	1K333-0200-XA	★	★	★	★	★	6.0	50.0	8.0	11.5	30°	52,00
2.5	6	5.0	0.08	45°	5.0	3	38°	1K333-0250-XA	★	★	★	★	★	6.0	50.0	10.0	13.0	30°	52,00
2.8	6	5.6	0.08	45°	5.6	3	38°	1K333-0280-XA	★	★	★	★	★	6.0	57.0	11.2	11.5	30°	52,00
3.0	6	6.0	0.08	45°	6.0	3	38°	1K333-0300-XA	★	★	★	★	★	6.0	57.0	11.5	14.1	30°	52,00
3.5	6	7.0	0.08	45°	7.0	3	38°	1K333-0350-XA	★	★	★	★	★	6.0	57.0	13.4	15.6	30°	52,00
4.0	6	8.0	0.13	45°	8.0	3	38°	1K333-0400-XA	★	★	★	★	★	6.0	57.0	14.5	16.2	30°	52,00
4.5	6	9.0	0.13	45°	9.0	3	38°	1K333-0450-XA	★	★	★	★	★	6.0	57.0	16.3	17.6	30°	63,50
4.8	6	9.6	0.13	45°	9.6	3	38°	1K333-0480-XA	★	★	★	★	★	6.0	57.0	17.4	18.4	30°	63,50
5.0	6	10.0	0.13	45°	10.0	3	38°	1K333-0500-XA	★	★	★	★	★	6.0	57.0	17.0	17.9	30°	63,50
5.5	6	11.0	0.13	45°	11.0	3	38°	1K333-0550-XA	★	★	★	★	★	6.0	57.0	18.7	19.1	30°	63,50



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	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				64,80
6.5	8	13.0	0.13	45°	13.0	3	38°	1K333-0650-XB	★	★	★	★	★	8.0	63.0	21.5			76,60
8.0	8	16.0	0.20	45°	16.0	3	38°	1K333-0800-XB	★	★	★	★	★	8.0	63.0				76,60
10.0	10	20.0	0.20	45°	20.0	3	38°	1K333-1000-XB	★	★	★	★	★	10.0	72.0				88,30
12.0	12	24.0	0.20	45°	24.0	3	38°	1K333-1200-XB	★	★	★	★	★	12.0	83.0				118,00
16.0	16	32.0	0.20	45°	32.0	3	38°	1K333-1600-XB	★	★	★	★	★	16.0	100.0				194,00
20.0	20	40.0	0.30	45°	40.0	3	38°	1K333-2000-XB	★	★	★	★	★	20.0	114.0				353,00

CoroMill® Dura solid carbide end mill for general machining

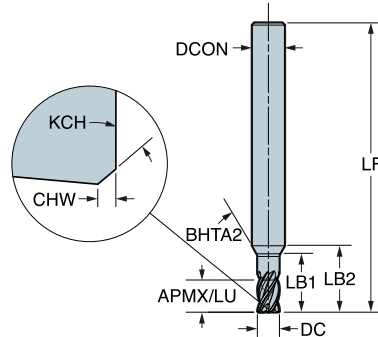
4 Flutes

1K324 – 1.5xD

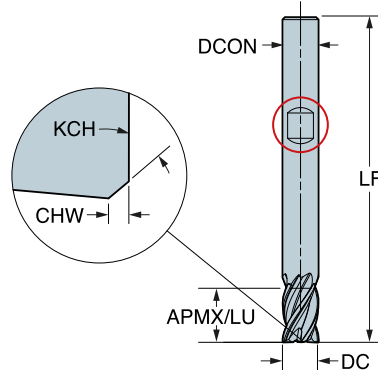
FHA 36°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 4



ISO application areas



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	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°	47,55
3.0	6	4.5	0.08	45°	4.5	4	36°	1K324-0300-XA	★	★	★	★	★	6.0	50.0	8.0	10.6	30°	47,55
4.0	6	6.0	0.13	45°	6.0	4	35°	1K324-0400-XA	★	★	★	★	★	6.0	54.0	10.0	11.7	30°	47,55
5.0	6	7.5	0.13	45°	7.5	4	35°	1K324-0500-XA	★	★	★	★	★	6.0	54.0	13.0	13.9	30°	58,10



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	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				59,30
8.0	8	12.0	0.20	45°	12.0	4	35°	1K324-0800-XB	★	★	★	★	★	8.0	58.0				70,10
10.0	10	15.0	0.20	45°	15.0	4	35°	1K324-1000-XB	★	★	★	★	★	10.0	66.0				80,90
12.0	12	18.0	0.20	45°	18.0	4	35°	1K324-1200-XB	★	★	★	★	★	12.0	73.0				108,00
16.0	16	24.0	0.20	45°	24.0	4	35°	1K324-1600-XB	★	★	★	★	★	16.0	92.0				178,00
20.0	20	30.0	0.30	45°	30.0	4	35°	1K324-2000-XB	★	★	★	★	★	20.0	104.0				323,00

CoroMill® Dura solid carbide end mill for general machining

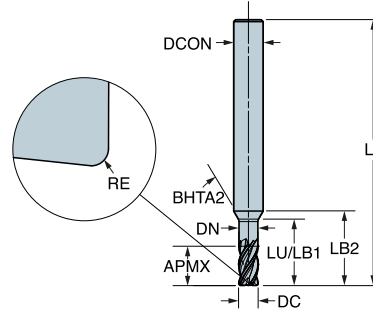
4 Flutes

1K334 – 2xD

FHA 36°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 4



ISO application areas



Metric version							Ordering code	P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.	
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	4.0	0.20	10.0	4	36°	1K334-0200-020-XC	★	★	★	★	★	6.0	50.0	1.9	10.0	13.5	30°	54,70
	6	4.0	0.50	10.0	4	36°	1K334-0200-050-XC	★	★	★	★	★	6.0	50.0	1.9	10.0	13.5	30°	54,70
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°	54,70
	6	6.0	0.50	10.0	4	36°	1K334-0300-050-XC	★	★	★	★	★	6.0	50.0	2.9	10.0	12.7	30°	54,70
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°	54,70
	6	8.0	1.00	13.0	4	35°	1K334-0400-100-XC	★	★	★	★	★	6.0	54.0	3.8	13.0	14.9	30°	54,70
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°	66,80
	6	10.0	1.00	16.0	4	35°	1K334-0500-100-XC	★	★	★	★	★	6.0	54.0	4.8	16.0	17.0	30°	66,80

CoroMill® Dura solid carbide end mill for general machining

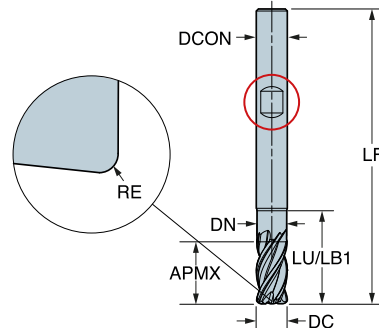
4 Flutes

1K334 – 2xD

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 4



ISO application areas



Metric version							Ordering code	P	M	K	N	S	Dimensions, mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
6.0	6	13.0	0.50	19.0	4	35°	1K334-0600-050-XD	★	★	★	★	★	6.0	57.0	5.8	19.0	68,20	
	6	13.0	1.00	19.0	4	35°	1K334-0600-100-XD	★	★	★	★	★	6.0	57.0	5.8	19.0	68,20	
8.0	8	19.0	0.50	26.5	4	35°	1K334-0800-050-XD	★	★	★	★	★	8.0	63.0	7.7	26.5	80,60	
	8	19.0	1.00	26.5	4	35°	1K334-0800-100-XD	★	★	★	★	★	8.0	63.0	7.7	26.5	80,60	
	8	19.0	2.00	26.5	4	35°	1K334-0800-200-XD	★	★	★	★	★	8.0	63.0	7.7	26.5	80,60	
10.0	10	22.0	0.50	31.0	4	35°	1K334-1000-050-XD	★	★	★	★	★	10.0	72.0	9.6	31.0	93,00	
	10	22.0	1.00	31.0	4	35°	1K334-1000-100-XD	★	★	★	★	★	10.0	72.0	9.6	31.0	93,00	
	10	22.0	2.00	31.0	4	35°	1K334-1000-200-XD	★	★	★	★	★	10.0	72.0	9.6	31.0	93,00	
	10	22.0	3.00	31.0	4	35°	1K334-1000-300-XD	★	★	★	★	★	10.0	72.0	9.6	31.0	93,00	
12.0	12	26.0	0.50	36.0	4	35°	1K334-1200-050-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	124,00	
	12	26.0	1.00	36.0	4	35°	1K334-1200-100-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	124,00	
	12	26.0	2.00	36.0	4	35°	1K334-1200-200-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	124,00	
	12	26.0	4.00	36.0	4	35°	1K334-1200-400-XD	★	★	★	★	★	12.0	83.0	11.5	36.0	124,00	
16.0	16	32.0	0.50	48.0	4	35°	1K334-1600-050-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	205,00	
	16	32.0	1.00	48.0	4	35°	1K334-1600-100-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	205,00	
	16	32.0	2.00	48.0	4	35°	1K334-1600-200-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	205,00	
	16	32.0	4.00	48.0	4	35°	1K334-1600-400-XD	★	★	★	★	★	16.0	100.0	15.4	48.0	205,00	
20.0	20	40.0	0.50	60.0	4	35°	1K334-2000-050-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	372,00	
	20	40.0	1.00	60.0	4	35°	1K334-2000-100-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	372,00	
	20	40.0	2.00	60.0	4	35°	1K334-2000-200-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	372,00	
	20	40.0	3.00	60.0	4	35°	1K334-2000-300-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	372,00	
	20	40.0	4.00	60.0	4	35°	1K334-2000-400-XD	★	★	★	★	★	20.0	114.0	19.2	60.0	372,00	

CoroMill® Dura solid carbide end mill for general machining

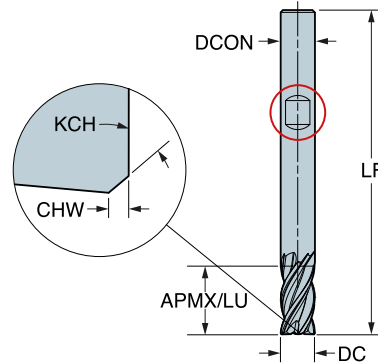
4 Flutes

1K334 – 2xD

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 4



ISO application areas



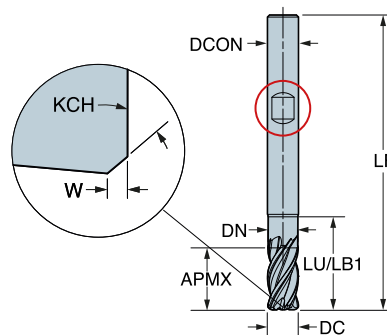
Metric version									P	M	K	N	S	Dimensions,mm					Price
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	WG 732
6.0	6	13.0	0.13	45°	13.0	4	35°	1K334-0600-XB	★	★	★	★	★	6.0	57.0				68,20
8.0	8	19.0	0.20	45°	19.0	4	35°	1K334-0800-XB	★	★	★	★	★	8.0	63.0				80,60
10.0	10	22.0	0.20	45°	22.0	4	35°	1K334-1000-XB	★	★	★	★	★	10.0	72.0				93,00
12.0	12	26.0	0.20	45°	26.0	4	35°	1K334-1200-XB	★	★	★	★	★	12.0	83.0				124,00
16.0	16	32.0	0.20	45°	32.0	4	35°	1K334-1600-XB	★	★	★	★	★	16.0	100.0				205,00
20.0	20	40.0	0.30	45°	40.0	4	35°	1K334-2000-XB	★	★	★	★	★	20.0	114.0				372,00

NEW

4 Flutes

1K344 > 2xD

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 4



Metric version									P	M	K	N	S	Dimensions,mm					Price
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	BHTA ₂	WG 732
6.0	6	15.0	0.13	45°	20.5	4	35°	1K344-0600-XD	★	★	★	★	★	6.0	57.0	5.8	20.5		73,00
8.0	8	19.5	0.20	45°	26.7	4	35°	1K344-0800-XD	★	★	★	★	★	8.0	63.0	7.7	26.7		86,20
10.0	10	23.0	0.20	45°	31.5	4	35°	1K344-1000-XD	★	★	★	★	★	10.0	72.0	9.6	31.5		93,00
12.0	12	27.0	0.20	45°	37.5	4	35°	1K344-1200-XD	★	★	★	★	★	12.0	83.0	11.5	37.5		124,00
16.0	16	36.0	0.20	45°	48.8	4	35°	1K344-1600-XD	★	★	★	★	★	16.0	100.0	15.4	48.8		205,00
20.0	20	41.0	0.30	45°	56.0	4	35°	1K344-2000-XD	★	★	★	★	★	20.0	111.0	19.2	56.0		372,00

CoroMill® Dura solid carbide end mill for general machining

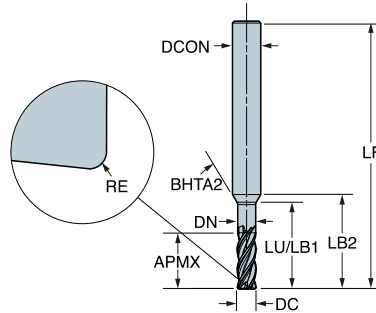
4 Flutes - with chip divider from DC 6mm

1K354 - 3xD

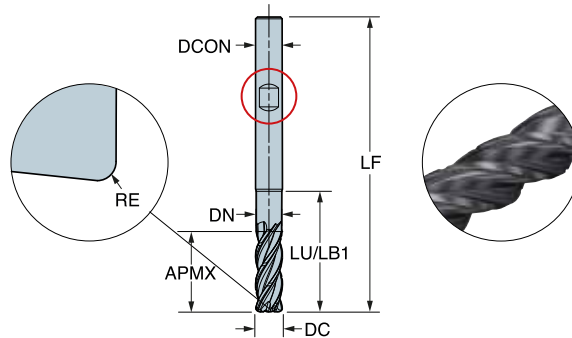
FHA 36°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 4



ISO application areas



Metric version							ISO application areas					Dimensions, mm					Price WG 732 Euro/ pcs.		
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 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°	61,80
	6	6.0	0.50	12.0	4	36°	1K354-0200-050-XC	★	★	★	★	★	6.0	57.0	1.9	12.0	15.5	30°	61,80
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°	61,80
	6	9.0	0.50	13.5	4	36°	1K354-0300-050-XC	★	★	★	★	★	6.0	57.0	2.9	13.5	16.2	30°	61,80
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°	61,80
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°	61,80
	6	12.0	0.50	18.0	4	35°	1K354-0400-050-XC	★	★	★	★	★	6.0	57.0	3.8	18.0	19.9	30°	61,80
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°	75,60
	6	15.0	1.00	22.5	4	35°	1K354-0500-100-XC	★	★	★	★	★	6.0	66.0	4.8	22.5	23.5	30°	75,60



Metric version							ISO application areas					Dimensions, mm					Price WG 732 Euro/ pcs.		
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	DCON _{MS}	LF	DN	LB ₁		LB ₂	BHTA ₂
6.0	6	18.0	0.50	27.0	4	35°	1K354-0600-050-XD	★	★	★	★	★	6.0	66.0	5.8	27.0			77,10
	6	18.0	1.00	27.0	4	35°	1K354-0600-100-XD	★	★	★	★	★	6.0	66.0	5.8	27.0			77,10
8.0	8	24.0	0.50	36.0	4	35°	1K354-0800-050-XD	★	★	★	★	★	8.0	73.0	7.7	36.0			91,10
	8	24.0	1.00	36.0	4	35°	1K354-0800-100-XD	★	★	★	★	★	8.0	73.0	7.7	36.0			91,10
10.0	10	30.0	0.50	45.0	4	35°	1K354-1000-050-XD	★	★	★	★	★	10.0	87.0	9.6	45.0			105,00
	10	30.0	1.00	45.0	4	35°	1K354-1000-100-XD	★	★	★	★	★	10.0	87.0	9.6	45.0			105,00
12.0	12	36.0	1.00	54.0	4	35°	1K354-1200-100-XD	★	★	★	★	★	12.0	104.0	11.5	54.0			140,00
	12	36.0	2.00	54.0	4	35°	1K354-1200-200-XD	★	★	★	★	★	12.0	104.0	11.5	54.0			140,00
16.0	16	48.0	1.00	72.0	4	35°	1K354-1600-100-XD	★	★	★	★	★	16.0	126.0	15.4	72.0			231,00
	16	48.0	2.00	72.0	4	35°	1K354-1600-200-XD	★	★	★	★	★	16.0	126.0	15.4	72.0			231,00
20.0	20	60.0	2.50	90.0	4	35°	1K354-2000-250-XD	★	★	★	★	★	20.0	142.0	19.2	90.0			420,00
	20	60.0	3.00	90.0	4	35°	1K354-2000-300-XD	★	★	★	★	★	20.0	142.0	19.2	90.0			420,00
	20	60.0	4.00	90.0	4	35°	1K354-2000-400-XD	★	★	★	★	★	20.0	142.0	19.2	90.0			420,00

CoroMill® Dura solid carbide end mill for general machining

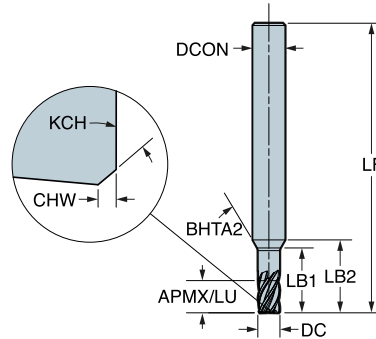
5 Flutes

1K325 – 1,5xD

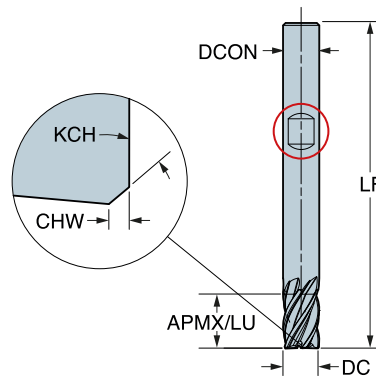
FHA 36°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 5



ISO application areas



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	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°	52,30
4.0	6	6.0	0.13	45°	6.0	5	36°	1K325-0400-XA	★	★	★	★	★	6.0	54.0	11.6	13.3	30°	52,30
5.0	6	7.5	0.13	45°	7.5	5	36°	1K325-0500-XA	★	★	★	★	★	6.0	54.0	14.5	15.4	30°	64,00



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	1730	1730	1730	1730	1730	DCON _{MS}	LF	LB ₁	LB ₂	BHTA ₂	
6.0	6	9.0	0.13	45°	9.0	5	36°	1K325-0600-XB	★	★	★	★	★	6.0	54.0				65,20
8.0	8	12.0	0.20	45°	12.0	5	36°	1K325-0800-XB	★	★	★	★	★	8.0	58.0				77,10
10.0	10	15.0	0.20	45°	15.0	5	36°	1K325-1000-XB	★	★	★	★	★	10.0	66.0				88,90
12.0	12	18.0	0.20	45°	18.0	5	36°	1K325-1200-XB	★	★	★	★	★	12.0	73.0				119,00
16.0	16	24.0	0.20	45°	24.0	5	36°	1K325-1600-XB	★	★	★	★	★	16.0	82.0				196,00
20.0	20	30.0	0.30	45°	30.0	5	36°	1K325-2000-XB	★	★	★	★	★	20.0	92.0				356,00

CoroMill® Dura solid carbide end mill for general machining

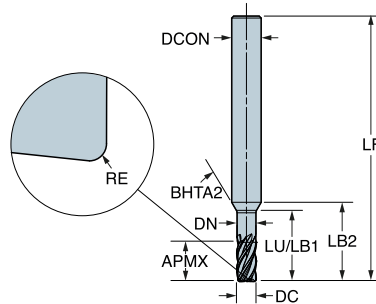
5 Flutes

1K335 – 2xD

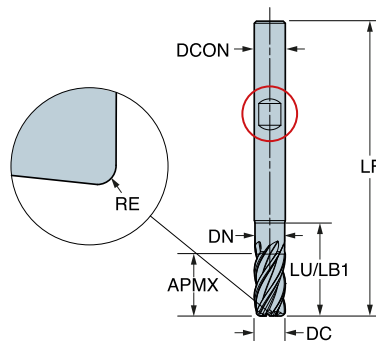
FHA 36°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 5



ISO application areas



Metric version								P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.	
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	1730	1730	1730	1730	1730	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°	60,20
	6	6.0	0.50	10.5	5	36°	1K335-0300-050-XC	★	★	★	★	★	6.0	50.0	2.9	10.5	13.2	30°	60,20
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°	60,20
	6	8.0	0.50	14.0	5	36°	1K335-0400-050-XC	★	★	★	★	★	6.0	54.0	3.8	14.0	15.9	30°	60,20
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°	73,50
	6	10.0	1.00	17.5	5	36°	1K335-0500-100-XC	★	★	★	★	★	6.0	57.0	4.8	17.5	18.5	30°	73,50



Metric version								P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.	
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	LB ₂		BHTA ₂
6.0	6	12.0	0.50	18.0	5	36°	1K335-0600-050-XD	★	★	★	★	★	6.0	57.0	5.8	18.0			73,50
	6	12.0	1.00	18.0	5	36°	1K335-0600-100-XD	★	★	★	★	★	6.0	57.0	5.8	18.0			75,00
8.0	8	16.0	0.50	24.0	5	36°	1K335-0800-050-XD	★	★	★	★	★	8.0	63.0	7.7	24.0			88,60
	8	16.0	1.00	24.0	5	36°	1K335-0800-100-XD	★	★	★	★	★	8.0	63.0	7.7	24.0			88,60
8.0	8	16.0	2.00	24.0	5	36°	1K335-0800-200-XD	★	★	★	★	★	8.0	63.0	7.7	24.0			88,60
	10	20.0	0.50	30.0	5	36°	1K335-1000-050-XD	★	★	★	★	★	10.0	72.0	9.6	30.0			102,00
10.0	10	20.0	1.00	30.0	5	36°	1K335-1000-100-XD	★	★	★	★	★	10.0	72.0	9.6	30.0			102,00
	10	20.0	2.00	30.0	5	36°	1K335-1000-200-XD	★	★	★	★	★	10.0	72.0	9.6	30.0			102,00
12.0	12	24.0	0.50	36.0	5	36°	1K335-1200-050-XD	★	★	★	★	★	12.0	83.0	11.5	36.0			136,00
	12	24.0	1.00	36.0	5	36°	1K335-1200-100-XD	★	★	★	★	★	12.0	83.0	11.5	36.0			136,00
12.0	12	24.0	2.00	36.0	5	36°	1K335-1200-200-XD	★	★	★	★	★	12.0	83.0	11.5	36.0			136,00
	12	24.0	3.00	36.0	5	36°	1K335-1200-300-XD	★	★	★	★	★	12.0	83.0	11.5	36.0			136,00
16.0	16	32.0	0.50	48.0	5	36°	1K335-1600-050-XD	★	★	★	★	★	16.0	100.0	15.4	48.0			225,00
	16	32.0	1.00	48.0	5	36°	1K335-1600-100-XD	★	★	★	★	★	16.0	100.0	15.4	48.0			225,00
16.0	16	32.0	2.00	48.0	5	36°	1K335-1600-200-XD	★	★	★	★	★	16.0	100.0	15.4	48.0			225,00
	16	32.0	3.00	48.0	5	36°	1K335-1600-300-XD	★	★	★	★	★	16.0	100.0	15.4	48.0			225,00
20.0	20	40.0	0.50	60.0	5	36°	1K335-2000-050-XD	★	★	★	★	★	20.0	114.0	19.2	60.0			409,00
	20	40.0	1.00	60.0	5	36°	1K335-2000-100-XD	★	★	★	★	★	20.0	114.0	19.2	60.0			409,00
20.0	20	40.0	2.00	60.0	5	36°	1K335-2000-200-XD	★	★	★	★	★	20.0	114.0	19.2	60.0			409,00
	20	40.0	3.00	60.0	5	36°	1K335-2000-300-XD	★	★	★	★	★	20.0	114.0	19.2	60.0			409,00
20.0	20	40.0	4.00	60.0	5	36°	1K335-2000-400-XD	★	★	★	★	★	20.0	114.0	19.2	60.0			409,00

CoroMill® Dura solid carbide end mill for general machining

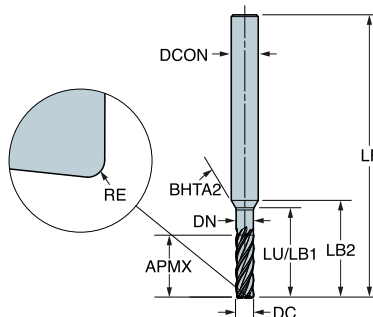
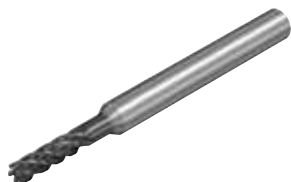
5 Flutes

1K365 – 3.5xD

FHA 36°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 5



ISO application areas



Metric version								P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.	
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	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°	73,30
	6	10.5	0.50	14.7	5	36°	1K365-0300-050-XC	★	★	★	★	★	6.0	57.0	2.9	14.7	17.4	30°	73,30
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°	73,30
	6	14.0	0.50	19.6	5	36°	1K365-0400-050-XC	★	★	★	★	★	6.0	63.0	3.8	19.6	21.5	30°	73,30
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°	89,50
	6	17.5	1.00	24.5	5	36°	1K365-0500-100-XC	★	★	★	★	★	6.0	66.0	4.8	24.5	25.5	30°	89,50

CoroMill® Dura solid carbide end mill for general machining

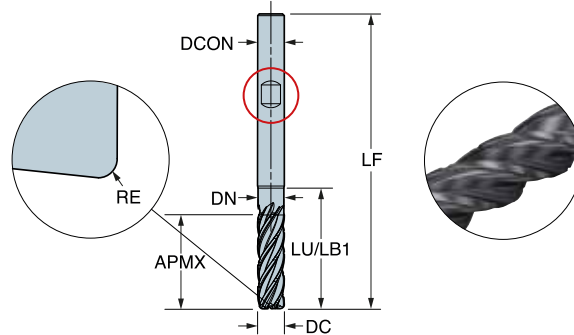
5 Flutes - with chip divider

1K365 - 3.5xD

FHA 36°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 5



ISO application areas



Metric version							Ordering code	P	M	K	N	S	Dimensions, mm					Price WG 732 Euro/ pcs.	
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	LB ₂		BHTA ₂
6.0	6	21.0	0.50	27.0	5	36°	1K365-0600-050-XD	★	★	★	★	★	6.0	66.0	5.8	27.0			91,30
	6	21.0	1.00	27.0	5	36°	1K365-0600-100-XD	★	★	★	★	★	6.0	66.0	5.8	27.0			91,30
8.0	8	28.0	0.50	36.0	5	36°	1K365-0800-050-XD	★	★	★	★	★	8.0	73.0	7.7	36.0			108,00
	8	28.0	1.00	36.0	5	36°	1K365-0800-100-XD	★	★	★	★	★	8.0	73.0	7.7	36.0			108,00
	8	28.0	2.00	36.0	5	36°	1K365-0800-200-XD	★	★	★	★	★	8.0	73.0	7.7	36.0			108,00
10.0	10	35.0	0.50	45.0	5	36°	1K365-1000-050-XD	★	★	★	★	★	10.0	87.0	9.6	45.0			125,00
	10	35.0	1.00	45.0	5	36°	1K365-1000-100-XD	★	★	★	★	★	10.0	87.0	9.6	45.0			125,00
	10	35.0	2.00	45.0	5	36°	1K365-1000-200-XD	★	★	★	★	★	10.0	87.0	9.6	45.0			125,00
12.0	12	42.0	1.00	54.0	5	36°	1K365-1200-100-XD	★	★	★	★	★	12.0	104.0	11.5	54.0			166,00
	12	42.0	2.00	54.0	5	36°	1K365-1200-200-XD	★	★	★	★	★	12.0	104.0	11.5	54.0			166,00
	12	42.0	3.00	54.0	5	36°	1K365-1200-300-XD	★	★	★	★	★	12.0	104.0	11.5	54.0			166,00
16.0	16	56.0	1.00	72.0	5	36°	1K365-1600-100-XD	★	★	★	★	★	16.0	126.0	15.4	72.0			274,00
	16	56.0	2.00	72.0	5	36°	1K365-1600-200-XD	★	★	★	★	★	16.0	126.0	15.4	72.0			274,00
	16	56.0	3.00	72.0	5	36°	1K365-1600-300-XD	★	★	★	★	★	16.0	126.0	15.4	72.0			274,00
	16	56.0	4.00	72.0	5	36°	1K365-1600-400-XD	★	★	★	★	★	16.0	126.0	15.4	72.0			274,00
20.0	20	70.0	1.00	90.0	5	36°	1K365-2000-100-XD	★	★	★	★	★	20.0	142.0	19.2	90.0			498,00
	20	70.0	2.00	90.0	5	36°	1K365-2000-200-XD	★	★	★	★	★	20.0	142.0	19.2	90.0			498,00
	20	70.0	3.00	90.0	5	36°	1K365-2000-300-XD	★	★	★	★	★	20.0	142.0	19.2	90.0			498,00
	20	70.0	4.00	90.0	5	36°	1K365-2000-400-XD	★	★	★	★	★	20.0	142.0	19.2	90.0			498,00

CoroMill® Dura solid carbide end mill for general machining

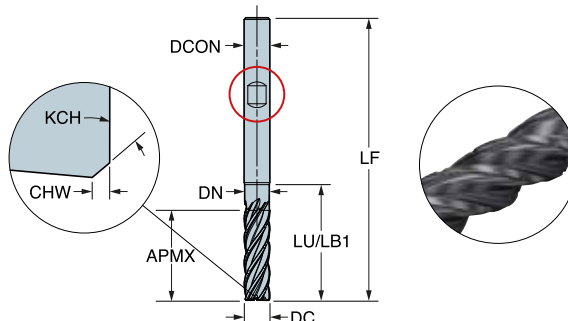
5 Flutes - with chip divider

1K365 - 3.5xD

FHA 36°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 5



ISO application areas



Metric version									P	M	K	N	S	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB _y	BHTA ₂	
6.0	6	21.0	0.13	45°	27.0	5	36°	1K365-0600-XD	★	★	★	★	★	6.0	66.0	5.8	27.0		91,30
8.0	8	28.0	0.20	45°	36.0	5	36°	1K365-0800-XD	★	★	★	★	★	8.0	73.0	7.7	36.0		108,00
10.0	10	35.0	0.20	45°	45.0	5	36°	1K365-1000-XD	★	★	★	★	★	10.0	87.0	9.6	45.0		125,00
12.0	12	42.0	0.20	45°	54.0	5	36°	1K365-1200-XD	★	★	★	★	★	12.0	104.0	11.5	54.0		166,00
16.0	16	56.0	0.20	45°	72.0	5	36°	1K365-1600-XD	★	★	★	★	★	16.0	126.0	15.4	72.0		274,00
20.0	20	70.0	0.30	45°	90.0	5	36°	1K365-2000-XD	★	★	★	★	★	20.0	142.0	19.2	90.0		498,00

CoroMill® Dura solid carbide end mill for general machining

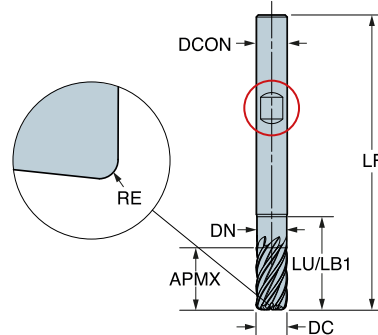
7 Flutes

1K337 – 2xD

FHA 37°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 7



ISO application areas



Metric version							Ordering code	P	M	K	N	S	Dimensions, mm					Price WG 732 Euro/ pcs.	
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	LB ₂		BHTA ₂
6.0	6	12.0	0.50	18.0	7	37°	1K337-0600-050-XD	★	★	★	★	★	6.0	57.0	5.8	18.0			81,80
	6	12.0	1.00	18.0	7	37°	1K337-0600-100-XD	★	★	★	★	★	6.0	57.0	5.8	18.0			81,80
8.0	8	16.0	0.50	24.0	7	37°	1K337-0800-050-XD	★	★	★	★	★	8.0	63.0	7.7	24.0			96,70
	8	16.0	1.00	24.0	7	37°	1K337-0800-100-XD	★	★	★	★	★	8.0	63.0	7.7	24.0			96,70
	8	16.0	2.00	24.0	7	37°	1K337-0800-200-XD	★	★	★	★	★	8.0	63.0	7.7	24.0			96,70
10.0	10	20.0	0.50	30.0	7	37°	1K337-1000-050-XD	★	★	★	★	★	10.0	72.0	9.6	30.0			112,00
	10	20.0	1.00	30.0	7	37°	1K337-1000-100-XD	★	★	★	★	★	10.0	72.0	9.6	30.0			112,00
	10	20.0	2.00	30.0	7	37°	1K337-1000-200-XD	★	★	★	★	★	10.0	72.0	9.6	30.0			112,00
12.0	12	24.0	0.50	36.0	7	37°	1K337-1200-050-XD	★	★	★	★	★	12.0	83.0	11.5	36.0			149,00
	12	24.0	1.00	36.0	7	37°	1K337-1200-100-XD	★	★	★	★	★	12.0	83.0	11.5	36.0			149,00
	12	24.0	2.00	36.0	7	37°	1K337-1200-200-XD	★	★	★	★	★	12.0	83.0	11.5	36.0			149,00
	12	24.0	3.00	36.0	7	37°	1K337-1200-300-XD	★	★	★	★	★	12.0	83.0	11.5	36.0			149,00
16.0	16	32.0	0.50	48.0	7	37°	1K337-1600-050-XD	★	★	★	★	★	16.0	100.0	15.4	48.0			245,00
	16	32.0	1.00	48.0	7	37°	1K337-1600-100-XD	★	★	★	★	★	16.0	100.0	15.4	48.0			245,00
	16	32.0	2.00	48.0	7	37°	1K337-1600-200-XD	★	★	★	★	★	16.0	100.0	15.4	48.0			245,00
	16	32.0	3.00	48.0	7	37°	1K337-1600-300-XD	★	★	★	★	★	16.0	100.0	15.4	48.0			245,00
20.0	20	40.0	0.50	60.0	7	37°	1K337-2000-050-XD	★	★	★	★	★	20.0	114.0	19.2	60.0			446,00
	20	40.0	1.00	60.0	7	37°	1K337-2000-100-XD	★	★	★	★	★	20.0	114.0	19.2	60.0			446,00
	20	40.0	2.00	60.0	7	37°	1K337-2000-200-XD	★	★	★	★	★	20.0	114.0	19.2	60.0			446,00
	20	40.0	3.00	60.0	7	37°	1K337-2000-300-XD	★	★	★	★	★	20.0	114.0	19.2	60.0			446,00
	20	40.0	4.00	60.0	7	37°	1K337-2000-400-XD	★	★	★	★	★	20.0	114.0	19.2	60.0			446,00
25.0	25	50.0	1.00	75.0	7	37°	1K337-2500-100-XD	★	★	★	★	★	25.0	135.0	24.0	75.0			491,00
	25	50.0	2.00	75.0	7	37°	1K337-2500-200-XD	★	★	★	★	★	25.0	135.0	24.0	75.0			491,00
	25	50.0	3.00	75.0	7	37°	1K337-2500-300-XD	★	★	★	★	★	25.0	135.0	24.0	75.0			491,00
	25	50.0	4.00	75.0	7	37°	1K337-2500-400-XD	★	★	★	★	★	25.0	135.0	24.0	75.0			491,00

CoroMill® Dura solid carbide end mill for general machining

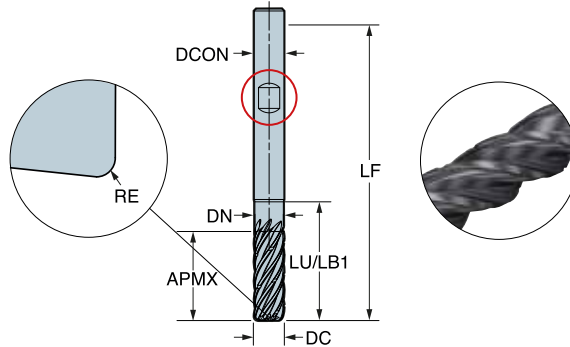
7 Flutes

1K357 – 3xD

FHA 37°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 7



ISO application areas



Metric version								P	M	K	N	S	Dimensions, mm					Price	
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	LB ₂	BHTA ₂	WG 732 Euro/ pcs.
6.0	6	18.0	0.50	24.0	7	37°	1K357-0600-050-XD	★	★	★	★	★	6.0	63.0	5.8	24.0			92,50
	6	18.0	1.00	24.0	7	37°	1K357-0600-100-XD	★	★	★	★	★	6.0	63.0	5.8	24.0			92,50
8.0	8	24.0	0.50	32.0	7	37°	1K357-0800-050-XD	★	★	★	★	★	8.0	73.0	7.7	32.0			109,00
	8	24.0	1.00	32.0	7	37°	1K357-0800-100-XD	★	★	★	★	★	8.0	73.0	7.7	32.0			109,00
	8	24.0	2.00	32.0	7	37°	1K357-0800-200-XD	★	★	★	★	★	8.0	73.0	7.7	32.0			109,00
10.0	10	30.0	0.50	40.0	7	37°	1K357-1000-050-XD	★	★	★	★	★	10.0	82.0	9.6	40.0			126,00
	10	30.0	1.00	40.0	7	37°	1K357-1000-100-XD	★	★	★	★	★	10.0	82.0	9.6	40.0			126,00
	10	30.0	2.00	40.0	7	37°	1K357-1000-200-XD	★	★	★	★	★	10.0	82.0	9.6	40.0			126,00
12.0	12	36.0	1.00	48.0	7	37°	1K357-1200-100-XD	★	★	★	★	★	12.0	97.0	11.5	48.0			168,00
	12	36.0	2.00	48.0	7	37°	1K357-1200-200-XD	★	★	★	★	★	12.0	97.0	11.5	48.0			168,00
	12	36.0	3.00	48.0	7	37°	1K357-1200-300-XD	★	★	★	★	★	12.0	97.0	11.5	48.0			168,00
16.0	16	48.0	1.50	64.0	7	37°	1K357-1600-150-XD	★	★	★	★	★	16.0	115.0	15.4	64.0			277,00
	16	48.0	2.00	64.0	7	37°	1K357-1600-200-XD	★	★	★	★	★	16.0	115.0	15.4	64.0			277,00
	16	48.0	3.00	64.0	7	37°	1K357-1600-300-XD	★	★	★	★	★	16.0	115.0	15.4	64.0			277,00
20.0	20	60.0	2.50	80.0	7	37°	1K357-2000-250-XD	★	★	★	★	★	20.0	135.0	19.2	80.0			505,00
	20	60.0	3.00	80.0	7	37°	1K357-2000-300-XD	★	★	★	★	★	20.0	135.0	19.2	80.0			505,00
	20	60.0	4.00	80.0	7	37°	1K357-2000-400-XD	★	★	★	★	★	20.0	135.0	19.2	80.0			505,00
25.0	25	75.0	2.00	100.0	7	37°	1K357-2500-200-XD	★	★	★	★	★	25.0	162.0	24.0	100.0			555,00
	25	75.0	4.00	100.0	7	37°	1K357-2500-400-XD	★	★	★	★	★	25.0	162.0	24.0	100.0			555,00
	25	75.0	6.00	100.0	7	37°	1K357-2500-600-XD	★	★	★	★	★	25.0	162.0	24.0	100.0			555,00

CoroMill® Dura solid carbide end mill for general machining

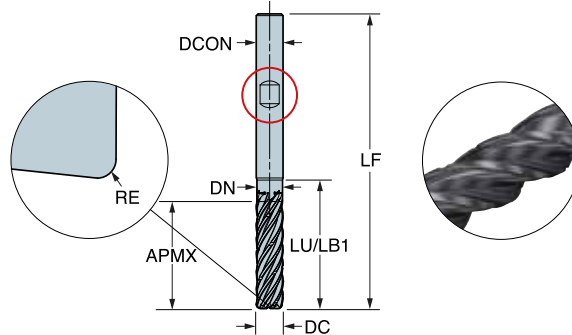
7 Flutes - with chip breaker

1K377 - 4xD

FHA 37°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 7



ISO application areas



Metric version							Ordering code	P	M	K	N	S	Dimensions, mm					Price WG 732 Euro/ pcs.	
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA		1730	1730	1730	1730	1730	DCON _{MS}	LF	DN	LB ₁	LB ₂		BHTA ₂
6.0	6	24.0	0.50	28.8	7	37°	1K377-0600-050-XD	★	★	★	★	★	6.0	66.0	5.8	28.8			103,00
	6	24.0	1.00	28.8	7	37°	1K377-0600-100-XD	★	★	★	★	★	6.0	66.0	5.8	28.8			103,00
8.0	8	32.0	0.50	38.4	7	37°	1K377-0800-050-XD	★	★	★	★	★	8.0	77.0	7.7	38.4			122,00
	8	32.0	1.00	38.4	7	37°	1K377-0800-100-XD	★	★	★	★	★	8.0	77.0	7.7	38.4			122,00
	8	32.0	2.00	38.4	7	37°	1K377-0800-200-XD	★	★	★	★	★	8.0	77.0	7.7	38.4			122,00
10.0	10	40.0	1.00	48.0	7	37°	1K377-1000-100-XD	★	★	★	★	★	10.0	91.0	9.6	48.0			141,00
	10	40.0	2.00	48.0	7	37°	1K377-1000-200-XD	★	★	★	★	★	10.0	91.0	9.6	48.0			141,00
	10	40.0	3.00	48.0	7	37°	1K377-1000-300-XD	★	★	★	★	★	10.0	91.0	9.6	48.0			141,00
12.0	12	48.0	1.00	57.6	7	37°	1K377-1200-100-XD	★	★	★	★	★	12.0	104.0	11.5	57.6			188,00
	12	48.0	2.50	57.6	7	37°	1K377-1200-250-XD	★	★	★	★	★	12.0	104.0	11.5	57.6			188,00
	12	48.0	4.00	57.6	7	37°	1K377-1200-400-XD	★	★	★	★	★	12.0	104.0	11.5	57.6			188,00
16.0	16	64.0	2.00	76.8	7	37°	1K377-1600-200-XD	★	★	★	★	★	16.0	126.0	15.4	76.8			310,00
	16	64.0	3.00	76.8	7	37°	1K377-1600-300-XD	★	★	★	★	★	16.0	126.0	15.4	76.8			310,00
	16	64.0	4.00	76.8	7	37°	1K377-1600-400-XD	★	★	★	★	★	16.0	126.0	15.4	76.8			310,00
20.0	20	80.0	3.00	96.0	7	37°	1K377-2000-300-XD	★	★	★	★	★	20.0	149.0	19.2	96.0			563,00
	20	80.0	4.00	96.0	7	37°	1K377-2000-400-XD	★	★	★	★	★	20.0	149.0	19.2	96.0			563,00
	20	80.0	6.00	96.0	7	37°	1K377-2000-600-XD	★	★	★	★	★	20.0	149.0	19.2	96.0			563,00
25.0	25	100.0	3.00	120.0	7	37°	1K377-2500-300-XD	★	★	★	★	★	25.0	180.0	24.0	120.0			619,00
	25	100.0	4.00	120.0	7	37°	1K377-2500-400-XD	★	★	★	★	★	25.0	180.0	24.0	120.0			619,00
	25	100.0	6.00	120.0	7	37°	1K377-2500-600-XD	★	★	★	★	★	25.0	180.0	24.0	120.0			619,00

Efficient and versatile end mills for aluminium

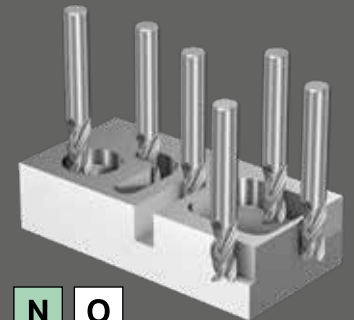
Tool features

- 3 flutes with 1.5–3×D cutting length
- Versatile end milling with excellent surface quality and reduced burr formation
- Easy to choose, easy to use with plug and play and clear, simple indications on how to choose variants
- Can be reconditioned up to three times to original specifications
- WhisperKut™ technology



Application

- Aluminium machining with different engagements and conditions for roughing with finishing capabilities
- Centre cutting, three flute versatile aluminium applications
- Side milling, full slot milling, pocket milling, key slot milling, ramping
- General engineering in all industry segments



ISO application areas

Assortment

Code	ZEFF	APMX	LU	DC (mm)	Neck	Chip divider	RE (mm)	Sharp corner	Max. ramping angle	Full slot capability	Max. Ae at max. APMX
1K223-NA/-NB	3	1.5×D	1.5×D	2 - 25	-	-	-	yes	20°	1.5×D	100%
1K223-NG/-NH	3	1.5×D	3×D	2 - 25	yes	-	0.2-4	yes	20°	1.5×D	100%
1K233-NA/-NB	3	2×D	2×D	2 - 25	-	-	0.2-4	yes	20°	2×D	100%
1K253-NB	3	3×D	3×D	6 - 25	-	-	-	yes	5°	0.5×D	30%

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

Cutting data recommendations

Versatile - CoroMill® Dura ISO N assortment

increase +20% f_z for end mills with shorter length 1,5 x D:

1K223-NA/-NB

reduce -20% f_z for end mills with longer length 3 x D:

1K253-NB

ISO				MC No.				CMC				Material				HB				f_z			v_c m/min			v_c feet/min		
N				N1.1.Z.UT				30.3				Aluminum Al >99%				30				101			810			2657		
																				$a_e = 1.0 \times DC$			$a_e = 0.5 \times DC$			$a_e = 0.1 \times DC$		
																				$a_p = 0.5 \times DC$			$a_p = 1.0 \times DC$			$a_p = 1.5 \times DC$		
																				f_z			v_c m/min			v_c feet/min		
				N1.2.Z.UT				30.11				Aluminum Wrought or wrought and coldworked, non-aging				60				101			810			2657		
				N1.2.Z.AG				30.12				Aluminum Wrought or wrought and aged				100				101			730			2395		
				N1.3.C.UT				30.21				Aluminum Cast, non-aging				75				101			810			2657		
				N1.3.C.AG				30.22				Aluminum Cast or cast and aged				90				101			730			2395		
				N1.4.C.NS				30.41				Aluminum Cast, 13–15% Si				130				101			325			1066		
				N1.4.C.NS				30.42				Aluminum Cast, 16–22% Si				130				101			245			804		
				N3.3.U.UT				33.1				Copper Free cutting alloys, > 1% Pb				110				101			405			1329		
				N3.2.C.UT				33.2				Copper Brass, leaded bronzes, < 1% Pb				90				101			405			1329		
				N3.1.U.UT				33.3				Copper Bronze and non-lead copper, electrolytic copper				100				101			285			935		

Les Conditions Générales de Vente s'appliquent.

https://www.sandvik.coromant.com/fr-fr/_layouts/15/tibp/usermanagement/termsandconditions.aspx?co=fr

CoroMill® Dura solid carbide end mill

For non-ferrous materials

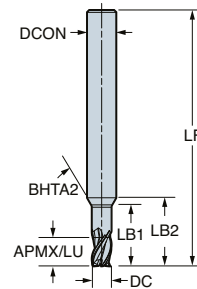
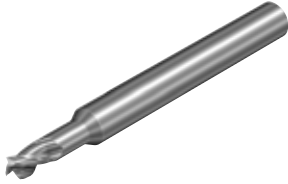
1K223 – 1.5xD - with Wiper

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



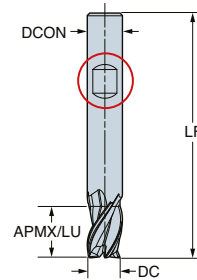
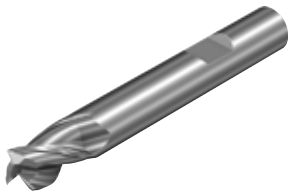
ISO application areas



Metric version						Ordering code	N H10F	Dimensions,mm						Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	LU	ZEFP	FHA			DCON _{MS}	LF	BS	LB ₁	LB ₂	BHTA ₂	
2.0	6	3.0	3.0	3	35°	1K223-0200-NA	★	6.0	50.0	0.0	7.0	10.5	30°	40,90
3.0	6	4.5	4.5	3	35°	1K223-0300-NA	★	6.0	50.0	0.0	9.6	12.2	30°	44,70
4.0	6	6.0	6.0	3	35°	1K223-0400-NA	★	6.0	54.0	0.2	12.4	14.1	30°	44,70
5.0	6	7.5	7.5	3	35°	1K223-0500-NA	★	6.0	54.0	0.3	14.5	15.4	30°	54,30

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



Metric version						Ordering code	N H10F	Dimensions,mm						Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	LU	ZEFP	FHA			DCON _{MS}	LF	BS	LB ₁	LB ₂	BHTA ₂	
6.0	6	9.0	9.0	3	35°	1K223-0600-NB	★	6.0	54.0	0.3				55,40
8.0	8	12.0	12.0	3	35°	1K223-0800-NB	★	8.0	58.0	0.3				65,20
10.0	10	15.0	15.0	3	35°	1K223-1000-NB	★	10.0	72.0	0.4				74,90
12.0	12	18.0	18.0	3	35°	1K223-1200-NB	★	12.0	83.0	0.4				101,00
16.0	16	24.0	24.0	3	35°	1K223-1600-NB	★	16.0	92.0	0.6				166,00
20.0	20	30.0	30.0	3	35°	1K223-2000-NB	★	20.0	104.0	0.7				300,00
25.0	25	37.5	37.5	3	35°	1K223-2500-NB	★	25.0	121.0	0.9				332,00

CoroMill® Dura solid carbide end mill

For non-ferrous materials

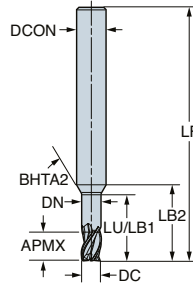
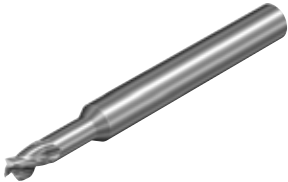
1K223 – 1.5xD - with Wiper

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



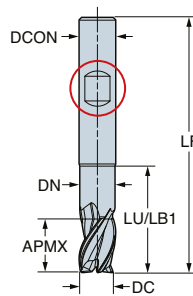
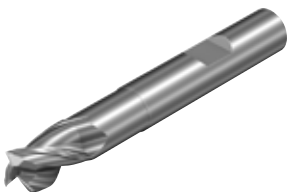
ISO application areas



Metric version						Ordering code	N H10F	Dimensions,mm							Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	LU	ZEFP	FHA			DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	BHTA ₂	
2.0	6	3.0	7.0	3	35°	1K223-0200-NG	★	6.0	50.0	0.0	1.9	7.0	10.5	30°	44,95
3.0	6	4.5	10.5	3	35°	1K223-0300-NG	★	6.0	50.0	0.0	2.9	10.5	13.2	30°	49,20
4.0	6	6.0	14.0	3	35°	1K223-0400-NG	★	6.0	54.0	0.2	3.8	14.0	15.9	30°	49,20
5.0	6	7.5	15.0	3	35°	1K223-0500-NG	★	6.0	54.0	0.3	4.8	15.0	16.0	30°	59,70

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



Metric version						Ordering code	N H10F	Dimensions,mm					Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	LU	ZEFP	FHA			DCON _{MS}	LF	BS	DN	LB ₁	
6.0	6	9.0	18.0	3	35°	1K223-0600-NH	★	6.0	57.0	0.3	5.8	18.0	60,90
8.0	8	12.0	24.0	3	35°	1K223-0800-NH	★	8.0	63.0	0.3	7.7	24.0	71,70
10.0	10	15.0	30.0	3	35°	1K223-1000-NH	★	10.0	72.0	0.4	9.6	30.0	82,40
12.0	12	18.0	36.0	3	35°	1K223-1200-NH	★	12.0	83.0	0.4	11.5	36.0	111,00
16.0	16	24.0	48.0	3	35°	1K223-1600-NH	★	16.0	98.0	0.6	15.4	48.0	183,00
20.0	20	30.0	60.0	3	35°	1K223-2000-NH	★	20.0	111.0	0.7	19.2	60.0	330,00
25.0	25	37.5	75.0	3	35°	1K223-2500-NH	★	25.0	135.0	0.9	24.0	75.0	366,00

CoroMill® Dura solid carbide end mill

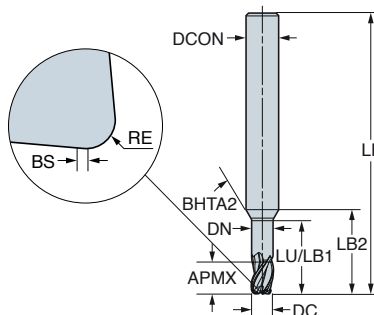
For non-ferrous materials

1K223 – 1.5xD

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 3



ISO application areas



Metric version							Ordering code	N H10F	Dimensions,mm							Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA			DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	BHTA ₂	
2.0	6	3.0	0.20	7.0	3	35°	1K223-0200-020-NG	★	6.0	50.0	0.0	1.9	7.0	10.5	30°	44,95
	6	3.0	0.50	7.0	3	35°	1K223-0200-050-NG	★	6.0	50.0	0.0	1.9	7.0	10.5	30°	44,95
3.0	6	4.5	0.20	10.5	3	35°	1K223-0300-020-NG	★	6.0	50.0	0.0	2.9	10.5	13.2	30°	49,20
	6	4.5	0.50	10.5	3	35°	1K223-0300-050-NG	★	6.0	50.0	0.0	2.9	10.5	13.2	30°	49,20
4.0	6	6.0	0.50	14.0	3	35°	1K223-0400-050-NG	★	6.0	54.0	0.2	3.8	14.0	15.9	30°	49,20
	6	6.0	1.00	14.0	3	35°	1K223-0400-100-NG	★	6.0	54.0	0.2	3.8	14.0	15.9	30°	49,20
5.0	6	7.5	0.50	15.0	3	35°	1K223-0500-050-NG	★	6.0	54.0	0.3	4.8	15.0	16.0	30°	59,70
	6	7.5	1.00	15.0	3	35°	1K223-0500-100-NG	★	6.0	54.0	0.3	4.8	15.0	16.0	30°	59,70

CoroMill® Dura solid carbide end mill

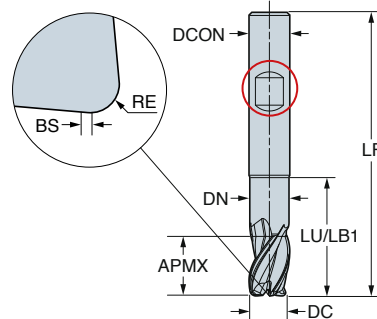
For non-ferrous materials

1K223 – 1.5xD - with Wiper

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 3



ISO application areas



Metric version							Ordering code	N H10F	Dimensions,mm						Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA			DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	
6.0	6	9.0	0.50	18.0	3	35°	1K223-0600-050-NH	★	6.0	57.0	0.3	5.8	18.0	60,90	
	6	9.0	1.00	18.0	3	35°	1K223-0600-100-NH	★	6.0	57.0	0.3	5.8	18.0	60,90	
8.0	8	12.0	0.50	24.0	3	35°	1K223-0800-050-NH	★	8.0	63.0	0.3	7.7	24.0	71,70	
	8	12.0	1.00	24.0	3	35°	1K223-0800-100-NH	★	8.0	63.0	0.3	7.7	24.0	71,70	
8.0	8	12.0	2.00	24.0	3	35°	1K223-0800-200-NH	★	8.0	63.0	0.3	7.7	24.0	71,70	
	8	12.0	3.00	24.0	3	35°	1K223-0800-300-NH	★	8.0	63.0	0.3	7.7	24.0	71,70	
10.0	10	15.0	0.50	30.0	3	35°	1K223-1000-050-NH	★	10.0	72.0	0.4	9.6	30.0	82,40	
	10	15.0	1.00	30.0	3	35°	1K223-1000-100-NH	★	10.0	72.0	0.4	9.6	30.0	82,40	
10.0	10	15.0	2.00	30.0	3	35°	1K223-1000-200-NH	★	10.0	72.0	0.4	9.6	30.0	82,40	
	10	15.0	3.00	30.0	3	35°	1K223-1000-300-NH	★	10.0	72.0	0.4	9.6	30.0	82,40	
12.0	12	18.0	0.50	36.0	3	35°	1K223-1200-050-NH	★	12.0	83.0	0.4	11.5	36.0	111,00	
	12	18.0	1.00	36.0	3	35°	1K223-1200-100-NH	★	12.0	83.0	0.4	11.5	36.0	111,00	
12.0	12	18.0	2.00	36.0	3	35°	1K223-1200-200-NH	★	12.0	83.0	0.4	11.5	36.0	111,00	
	12	18.0	3.00	36.0	3	35°	1K223-1200-300-NH	★	12.0	83.0	0.4	11.5	36.0	111,00	
16.0	16	24.0	0.50	48.0	3	35°	1K223-1600-050-NH	★	16.0	98.0	0.6	15.4	48.0	183,00	
	16	24.0	1.00	48.0	3	35°	1K223-1600-100-NH	★	16.0	98.0	0.6	15.4	48.0	183,00	
16.0	16	24.0	2.00	48.0	3	35°	1K223-1600-200-NH	★	16.0	98.0	0.6	15.4	48.0	183,00	
	16	24.0	3.00	48.0	3	35°	1K223-1600-300-NH	★	16.0	98.0	0.6	15.4	48.0	183,00	
16.0	16	24.0	4.00	48.0	3	35°	1K223-1600-400-NH	★	16.0	98.0	0.6	15.4	48.0	183,00	
	16	24.0	5.00	48.0	3	35°	1K223-1600-500-NH	★	16.0	98.0	0.6	15.4	48.0	183,00	
20.0	20	30.0	0.50	60.0	3	35°	1K223-2000-050-NH	★	20.0	111.0	0.7	19.2	60.0	330,00	
	20	30.0	1.00	60.0	3	35°	1K223-2000-100-NH	★	20.0	111.0	0.7	19.2	60.0	330,00	
20.0	20	30.0	2.00	60.0	3	35°	1K223-2000-200-NH	★	20.0	111.0	0.7	19.2	60.0	330,00	
	20	30.0	3.00	60.0	3	35°	1K223-2000-300-NH	★	20.0	111.0	0.7	19.2	60.0	330,00	
20.0	20	30.0	4.00	60.0	3	35°	1K223-2000-400-NH	★	20.0	111.0	0.7	19.2	60.0	330,00	
	20	30.0	5.00	60.0	3	35°	1K223-2000-500-NH	★	20.0	111.0	0.7	19.2	60.0	330,00	
25.0	25	37.5	0.50	75.0	3	35°	1K223-2500-050-NH	★	25.0	135.0	0.9	24.0	75.0	366,00	
	25	37.5	1.00	75.0	3	35°	1K223-2500-100-NH	★	25.0	135.0	0.9	24.0	75.0	366,00	
25.0	25	37.5	2.00	75.0	3	35°	1K223-2500-200-NH	★	25.0	135.0	0.9	24.0	75.0	366,00	
	25	37.5	3.00	75.0	3	35°	1K223-2500-300-NH	★	25.0	135.0	0.9	24.0	75.0	366,00	
25.0	25	37.5	4.00	75.0	3	35°	1K223-2500-400-NH	★	25.0	135.0	0.9	24.0	75.0	366,00	

CoroMill® Dura solid carbide end mill

For non-ferrous materials

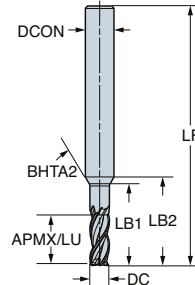
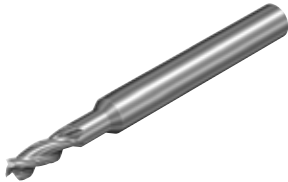
1K233 – 2xD

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



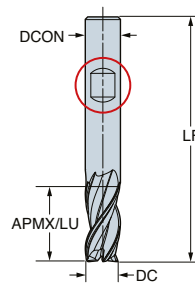
ISO application areas



Metric version						Ordering code	N H10F	Dimensions,mm						Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	LU	ZEFP	FHA			DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	
2.0	6	6.0	6.0	3	35°	1K233-0200-NA	★	6.0	50.0	0.0	10.0	13.5	30°	44,95
3.0	6	8.0	8.0	3	35°	1K233-0300-NA	★	6.0	54.0	0.0	13.1	15.7	30°	49,20
4.0	6	11.0	11.0	3	35°	1K233-0400-NA	★	6.0	57.0	0.2	17.4	19.1	30°	49,20
5.0	6	13.0	13.0	3	35°	1K233-0500-NA	★	6.0	57.0	0.3	20.0	20.9	30°	59,70

FHA
BSG
TCDC
TCDCON
ZEFP

35°
COROMANT
h10
h6
3



Metric version						Ordering code	N H10F	Dimensions,mm						Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	LU	ZEFP	FHA			DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	
6.0	6	13.0	13.0	3	35°	1K233-0600-NB	★	6.0	57.0	0.3				60,90
8.0	8	19.0	19.0	3	35°	1K233-0800-NB	★	8.0	63.0	0.3				71,70
10.0	10	22.0	22.0	3	35°	1K233-1000-NB	★	10.0	72.0	0.4				82,40
12.0	12	26.0	26.0	3	35°	1K233-1200-NB	★	12.0	83.0	0.4				111,00
16.0	16	32.0	32.0	3	35°	1K233-1600-NB	★	16.0	98.0	0.6				183,00
20.0	20	40.0	40.0	3	35°	1K233-2000-NB	★	20.0	111.0	0.7				330,00
25.0	25	50.0	50.0	3	35°	1K233-2500-NB	★	25.0	130.0	0.9				366,00

CoroMill® Dura solid carbide end mill

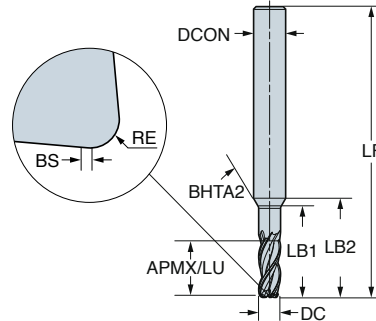
For non-ferrous materials

1K233 – 2xD

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 3



ISO application areas



Metric version							Ordering code	N H10F	Dimensions,mm						Price WG 732 Euro/ pcs.
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°	1K233-0200-020-NA	★	6.0	50.0	0.0	10.0	13.5	30°	44,95
	6	6.0	0.50	6.0	3	35°	1K233-0200-050-NA	★	6.0	50.0	0.0	10.0	13.5	30°	44,95
3.0	6	8.0	0.20	8.0	3	35°	1K233-0300-020-NA	★	6.0	54.0	0.0	13.1	15.7	30°	49,20
	6	8.0	0.50	8.0	3	35°	1K233-0300-050-NA	★	6.0	54.0	0.0	13.1	15.7	30°	49,20
4.0	6	11.0	0.50	11.0	3	35°	1K233-0400-050-NA	★	6.0	57.0	0.2	17.4	19.1	30°	49,20
	6	11.0	1.00	11.0	3	35°	1K233-0400-100-NA	★	6.0	57.0	0.2	17.4	19.1	30°	49,20
5.0	6	13.0	0.50	13.0	3	35°	1K233-0500-050-NA	★	6.0	57.0	0.3	20.0	20.9	30°	59,70
	6	13.0	1.00	13.0	3	35°	1K233-0500-100-NA	★	6.0	57.0	0.3	20.0	20.9	30°	59,70

CoroMill® Dura solid carbide end mill for general machining

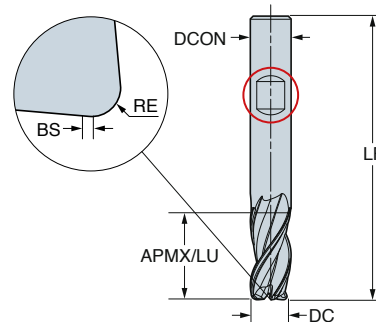
For non-ferrous materials, ISO N

1K233 – 2xD

FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 3



ISO application areas



Metric version							Ordering code	N H10F	Dimensions,mm						Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA			DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	
6.0	6	13.0	0.50	13.0	3	35°	1K233-0600-050-NB	★	6.0	57.0	0.3				60,90
	6	13.0	1.00	13.0	3	35°	1K233-0600-100-NB	★	6.0	57.0	0.3				60,90
8.0	8	19.0	0.50	19.0	3	35°	1K233-0800-050-NB	★	8.0	63.0	0.3				71,70
	8	19.0	1.00	19.0	3	35°	1K233-0800-100-NB	★	8.0	63.0	0.3				71,70
10.0	8	19.0	2.00	19.0	3	35°	1K233-0800-200-NB	★	8.0	63.0	0.3				71,70
	10	22.0	0.50	22.0	3	35°	1K233-1000-050-NB	★	10.0	72.0	0.4				82,40
10.0	10	22.0	1.00	22.0	3	35°	1K233-1000-100-NB	★	10.0	72.0	0.4				82,40
	10	22.0	2.00	22.0	3	35°	1K233-1000-200-NB	★	10.0	72.0	0.4				82,40
	10	22.0	3.00	22.0	3	35°	1K233-1000-300-NB	★	10.0	72.0	0.4				82,40

CoroMill® Dura solid carbide end mill

For non-ferrous materials

1K233 – 2xD

Metric version							Ordering code	N H10F	Dimensions,mm						Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	RE	LU	ZEFP	FHA			DCON _{MS}	LF	BS	DN	LB ₁	LB ₂	
12.0	12	26.0	0.50	26.0	3	35°	1K233-1200-050-NB	★	12.0	83.0	0.4				111,00
	12	26.0	1.00	26.0	3	35°	1K233-1200-100-NB	★	12.0	83.0	0.4				111,00
	12	26.0	2.00	26.0	3	35°	1K233-1200-200-NB	★	12.0	83.0	0.4				111,00
	12	26.0	3.00	26.0	3	35°	1K233-1200-300-NB	★	12.0	83.0	0.4				111,00
16.0	16	32.0	0.50	32.0	3	35°	1K233-1600-050-NB	★	16.0	98.0	0.6				183,00
	16	32.0	1.00	32.0	3	35°	1K233-1600-100-NB	★	16.0	98.0	0.6				183,00
	16	32.0	2.00	32.0	3	35°	1K233-1600-200-NB	★	16.0	98.0	0.6				183,00
	16	32.0	3.00	32.0	3	35°	1K233-1600-300-NB	★	16.0	98.0	0.6				183,00
	16	32.0	4.00	32.0	3	35°	1K233-1600-400-NB	★	16.0	98.0	0.6				183,00
20.0	20	40.0	0.50	40.0	3	35°	1K233-2000-050-NB	★	20.0	111.0	0.7				330,00
	20	40.0	1.00	40.0	3	35°	1K233-2000-100-NB	★	20.0	111.0	0.7				330,00
	20	40.0	2.00	40.0	3	35°	1K233-2000-200-NB	★	20.0	111.0	0.7				330,00
	20	40.0	3.00	40.0	3	35°	1K233-2000-300-NB	★	20.0	111.0	0.7				330,00
	20	40.0	4.00	40.0	3	35°	1K233-2000-400-NB	★	20.0	111.0	0.7				330,00
25.0	25	50.0	0.50	50.0	3	35°	1K233-2500-050-NB	★	25.0	130.0	0.9				366,00
	25	50.0	1.00	50.0	3	35°	1K233-2500-100-NB	★	25.0	130.0	0.9				366,00
	25	50.0	2.00	50.0	3	35°	1K233-2500-200-NB	★	25.0	130.0	0.9				366,00
	25	50.0	3.00	50.0	3	35°	1K233-2500-300-NB	★	25.0	130.0	0.9				366,00
	25	50.0	4.00	50.0	3	35°	1K233-2500-400-NB	★	25.0	130.0	0.9				366,00

CoroMill® Dura solid carbide end mill for general machining

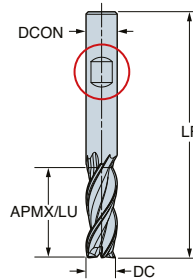
For non-ferrous materials, ISO N

1K253 – 3xD - with Wiper

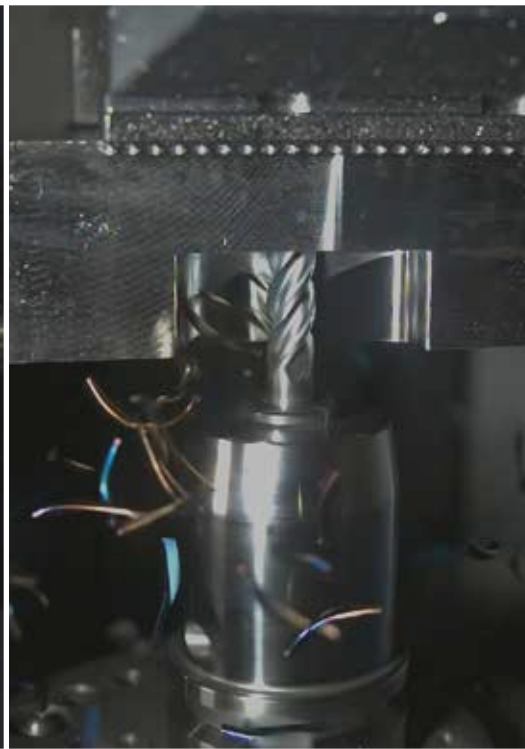
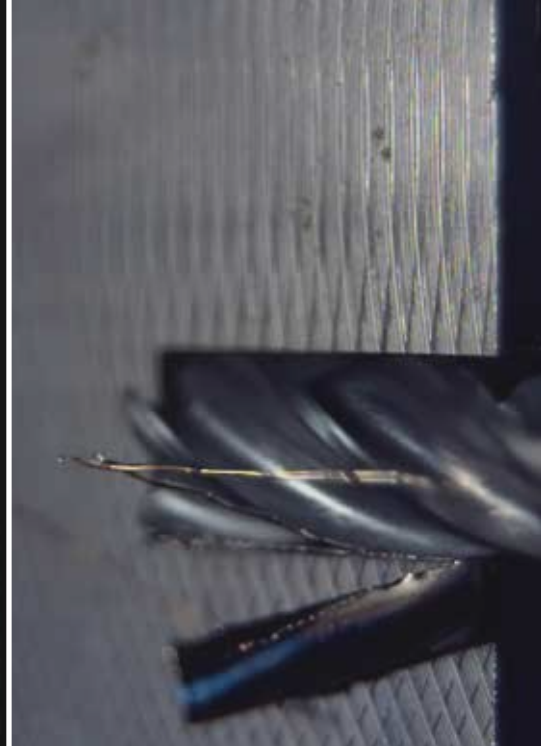
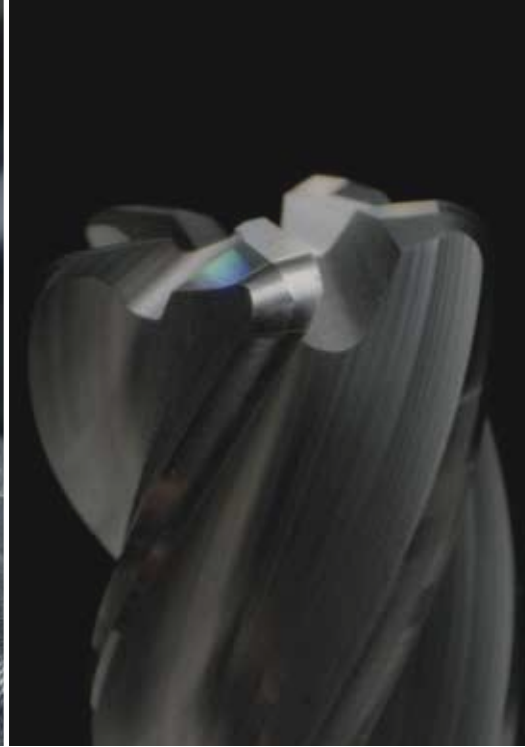
FHA 35°
 BSG COROMANT
 TCDC h10
 TCDCON h6
 ZEFP 3



ISO application areas



Metric version						Ordering code	N H10F	Dimensions,mm						Price WG 732 Euro/ pcs.
DC	CZC _{MS}	APMX	LU	ZEFP	FHA			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				66,50
8.0	8	24.0	24.0	3	35°	1K253-0800-NB	★	8.0	73.0	0.3				78,20
10.0	10	30.0	30.0	3	35°	1K253-1000-NB	★	10.0	82.0	0.4				89,90
12.0	12	36.0	36.0	3	35°	1K253-1200-NB	★	12.0	97.0	0.4				121,00
16.0	16	48.0	48.0	3	35°	1K253-1600-NB	★	16.0	115.0	0.6				199,00
20.0	20	60.0	60.0	3	35°	1K253-2000-NB	★	20.0	135.0	0.7				360,00
25.0	25	75.0	75.0	3	35°	1K253-2500-NB	★	25.0	153.0	0.9				399,00

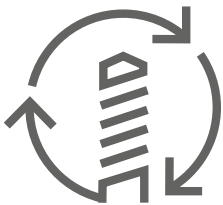


Programme

Code	ZEFF	APMX	DC (mm)	Collet	Brise-copeaux	RE (mm)	Largeur de chanfrein (mm)	Angle de ramping max.	Capacité de rainurage dans le plein	Max Ae à max. APMX
1K212-XA/-XB	2	1×D	2–20	-	-	-	0.08–0.3	20°	1×D	100%
1K232-XA/-XB	2	2×D	1–20	-	-	-	0.08–0.3	20°	1.5×D	100%
1K313-XA/-XB	3	1×D	2–20	-	-	-	0.08–0.3	5°	1×D	100%
1K333-XA/-XB	3	2×D	1–20	-	-	-	0.08–0.3	5°	1.5×D	100%
1K324-XA/-XB	4	1.5×D	2–20	-	-	-	0.08–0.3	20°	1.5×D	100%
1K334-XC/XD	4	2×D	2–20	oui	-	0.2–4	-	20°	1×D	75%
1K334-XB	4	2×D	6–20	-	-	-	0.13–0.3	20°	1×D	75%
1K354-XC/XD	4	3×D	2–20	oui	oui	0.2–4	-	5°	0.25×D	15%
1K325--XA/-XB	5	1.5×D	3–20	-	-	-	0.08–0.3	10°	1×D	75%
1K335-XC/XD	5	2×D	3–20	oui	-	0.2–4	-	10°	0.5×D	50%
1K365-XC/XD	5	3.5×D	3–20	oui	oui	0.2–4	-	4°	-	7%
1K365-XD	5	3.5×D	6–20	oui	oui	-	0.13–0.3	4°	-	7%
1K337-XD	7	2×D	6–25	oui	-	0.5–4	-	5°	-	25%
1K357-XD	7	3×D	6–25	oui	oui	0.5–4	-	4°	-	10%
1K377-XD	7	4×D	6–25	oui	oui	0.5–6	-	3°	-	5%

Queue Weldon pour tous les outils ≥ 6 mm. Queue cylindrique pour les outils < 6 mm.

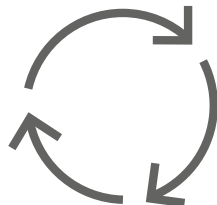
Offre de services



Réaffûtage



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



Recyclage



<https://www.sandvik.coromant.com/fr-fr/services/recycling>



CoroPlus® Tool Guide
Sélecteur d'outils
CoroMill® Dura



https://www.sandvik.coromant.com/fr-fr/products/toolguide/tool-recommendation?FocusAssortment=TG_DURA



Tailor Made
Tailor Made Web



<https://www.sandvik.coromant.com/fr-fr/tools/customized-tools?>

Les Conditions Générales de Vente s'appliquent.

https://www.sandvik.coromant.com/fr-fr/_layouts/15/tibp/usermanagement/termsandconditions.aspx?co=fr

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