

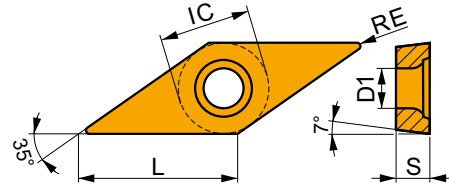
CC	CP	DC	EC	EP	RC	SC	SP	TC	TP	VB	VC	WC
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VCGW

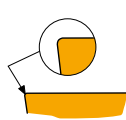


	IC	D1	L	S
	[mm]	[mm]	[mm]	[mm]
1303	7.940	3.40	13.80	3.18



Suitability and starting values for cutting speed (vc), feed (f) and depth of cut (ap). Refer to our Machining Calculator app for further calculations.

Product	RE	P			M			K			N			S			H		
		vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]



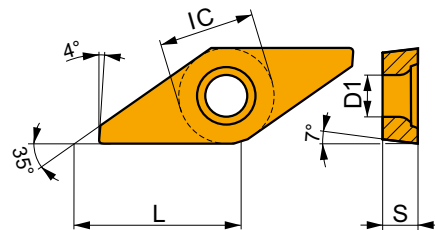
For fine-finish to semi-rough machining, and continuous to slightly interrupted cuts.

VCGW 130302	T5305	0.2	—	—	—	—	—	—	170	0.08	1.3	—	—	—	—	—	35	0.15	1.0
VCGW 130304	T5305	0.4	—	—	—	—	—	—	165	0.10	1.3	—	—	—	—	—	35	0.15	1.0
VCGW 130308	T5305	0.8	—	—	—	—	—	—	160	0.18	1.3	—	—	—	—	—	30	0.15	1.0

VCGX

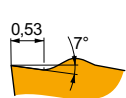


	IC	D1	L	S
	[mm]	[mm]	[mm]	[mm]
1303	7.940	3.40	13.80	3.18



Suitability and starting values for cutting speed (vc), feed (f) and depth of cut (ap). Refer to our Machining Calculator app for further calculations.

Product	RE	P			M			K			N			S			H		
		vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]



FR-FF2 geometry with positive right-handed design for fine-finish to finish machining, and continuous cuts.

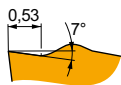
VCGX 130300FR-FF2	T6310	0.0	140	0.05	1.0	—	—	—	110	0.05	1.0	—	—	—	—	—	—	—	—
	T8315	0.0	150	0.05	1.0	—	—	—	140	0.05	1.0	—	—	—	—	—	—	—	—
	TT010	0.0	240	0.05	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VCGX 130301FR-FF2	T6310	0.1	140	0.05	1.0	—	—	—	110	0.05	1.0	—	—	—	—	—	—	—	—
	T8315	0.1	150	0.05	1.0	—	—	—	140	0.05	1.0	—	—	—	—	—	—	—	—
	TT010	0.1	240	0.05	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—

CC	CP	DC	EC	EP	RC	SC	SP	TC	TP	VB	VC	WC
----	----	----	----	----	----	----	----	----	----	----	----	----



Suitability and starting values for cutting speed (vc), feed (f) and depth of cut (ap). Refer to our Machining Calculator app for further calculations.

Product		RE (mm)	P			M			K			N			S			H		
			vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
			[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]



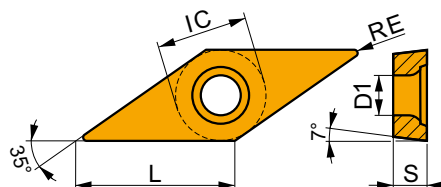
FL-FF2 geometry with positive left-handed design for fine-finish to finish machining, and continuous cuts.

VCGX 130300FL-FF2	T6310	0.0	140	0.05	1.0	—	—	—	110	0.05	1.0	—	—	—	—	—	—	—	—	—
	T8315	0.0	150	0.05	1.0	—	—	—	140	0.05	1.0	—	—	—	—	—	—	—	—	—
	TT010	0.0	240	0.05	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VCGX 130301FL-FF2	T6310	0.1	140	0.05	1.0	—	—	—	110	0.05	1.0	—	—	—	—	—	—	—	—	—
	T8315	0.1	150	0.05	1.0	—	—	—	140	0.05	1.0	—	—	—	—	—	—	—	—	—

VCMT

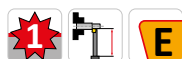
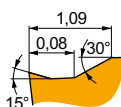


	IC (mm)	D1 (mm)	L (mm)	S (mm)
1103	6.350	2.80	11.10	3.18
1604	9.525	4.40	16.60	4.76



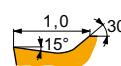
Suitability and starting values for cutting speed (vc), feed (f) and depth of cut (ap). Refer to our Machining Calculator app for further calculations.

Product		RE (mm)	P			M			K			N			S			H		
			vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
			[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]	[m/min]	[mm/rev]	[mm]



FM geometry for finish to semi-rough machining, and continuous to slightly interrupted cuts.

VCMT 160404E-FM	T7325	0.4	125	0.19	1.2	95	0.17	1.2	—	—	—	—	—	—	—	—	—	—	—	—
	T8330	0.4	130	0.12	1.2	75	0.11	1.2	120	0.12	1.2	390	0.14	1.2	—	—	—	—	—	—
	T8430	0.4	150	0.12	1.2	80	0.11	1.2	125	0.12	1.2	420	0.14	1.2	—	—	—	—	—	—
	T9315	0.4	210	0.12	1.2	—	—	—	195	0.12	1.2	—	—	—	—	—	—	—	—	—
	T9325	0.4	155	0.19	1.2	90	0.17	1.2	145	0.19	1.2	—	—	—	—	—	—	—	—	—
VCMT 160408E-FM	T7325	0.8	155	0.17	1.2	120	0.15	1.2	—	—	—	—	—	—	—	—	—	—	—	—
	T8330	0.8	135	0.17	1.2	80	0.15	1.2	125	0.17	1.2	405	0.20	1.2	—	—	—	—	—	—
	T8430	0.8	155	0.17	1.2	85	0.15	1.2	130	0.17	1.2	435	0.20	1.2	—	—	—	—	—	—
	T9315	0.8	220	0.17	1.2	—	—	—	205	0.17	1.2	—	—	—	—	—	—	—	—	—
	T9325	0.8	195	0.17	1.2	115	0.15	1.2	185	0.17	1.2	—	—	—	—	—	—	—	—	—



UR geometry for fine to finish machining, and continuous to slightly interrupted cuts.

VCMT 110304E-UR	T7325	0.4	110	0.19	0.8	85	0.17	0.8	—	—	—	—	—	—	—	—	—	—	—	—
	T8330	0.4	110	0.12	0.8	65	0.11	0.8	100	0.12	0.8	—	—	—	—	—	—	—	—	—
	T8430	0.4	135	0.12	0.8	75	0.11	0.8	110	0.12	0.8	—	—	—	—	—	—	—	—	—
	T9315	0.4	190	0.12	0.8	—	—	—	180	0.12	0.8	—	—	—	—	—	—	—	—	—
	T9325	0.4	140	0.19	0.8	80	0.17	0.8	130	0.19	0.8	—	—	—	—	—	—	—	—	—
VCMT 110308E-UR	T7325	0.8	140	0.17	0.8	105	0.15	0.8	—	—	—	—	—	—	—	—	—	—	—	—
	T8330	0.8	125	0.17	0.8	75	0.15	0.8	115	0.17	0.8	—	—	—	—	—	—	—	—	—
	T8430	0.8	140	0.17	0.8	75	0.15	0.8	115	0.17	0.8	—	—	—	—	—	—	—	—	—
	T9315	0.8	195	0.17	0.8	—	—	—	185	0.17	0.8	—	—	—	—	—	—	—	—	—
	T9325	0.8	175	0.17	0.8	105	0.15	0.8	165	0.17	0.8	—	—	—	—	—	—	—	—	—