

Katalog



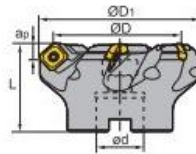
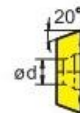
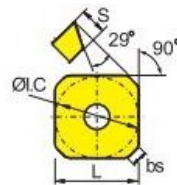
Frézování

CT-SOMG13 UNIT

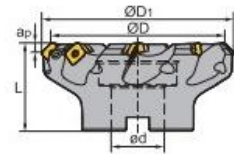
CT-SOMG13 Kr: 45°



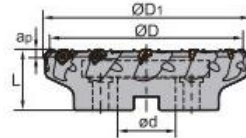
Fine pitch



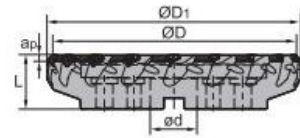
A



B



C



D

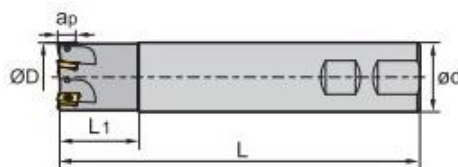
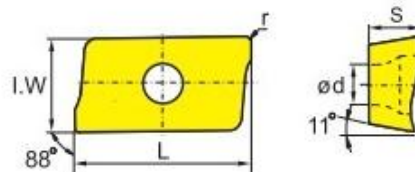
Article	*	Stock		Dimensions [mm]					Teeth	Coupling	Σ F _z [kg]	Inserts 
		R	L	ØD	ØD ₁	Ød	L	a _{p max}				
CT-SOMG13-D50-22/4T-	• ○			50	61	22	40	6	4	A	0.3	SOMG13
CT-SOMG13-D50-22/4T-IC	* • ○			50	61	22	40	6	4	A	0.3	
CT-SOMG13-D63-22/5T	•			63	74	22	40	6	5	A	0.5	
CT-SOMG13-D80-27/6T	• •			80	91	27	50	6	6	A	1.2	
CT-SOMG13-D80-27/6T-IC	* • ○			80	91	27	50	6	6	A	1.2	
CT-SOMG13-D100-32/7T	• ○			100	107	32	50	6	7	B	1.2	
CT-SOMG13-D100-32/7T-IC	* ○ ○			100	107	32	50	6	7	B	1.2	
CT-SOMG13-D125-40/8T	• •			125	136	40	63	6	8	B	2.6	
CT-SOMG13-D125-40/8T-IC	* ○			125	136	40	63	6	8	B	2.6	
CT-SOMG13-D160-40/10T	• •			160	170	40	63	6	10	B	4.3	
CT-SOMG13-D160-40/10T-IC	* ○			160	170	40	63	6	10	B	4.3	
CT-SOMG13-D200-60/12T	• ○			200	210	60	63	6	12	C	7.6	
CT-SOMG13-D250-60/14T	• ○			250	260	60	63	6	14	C	13.5	



CeraTec-Tools

CT-XOMT10 UNIT

CT-XOMT10 Kr: 90°



Weldon shank

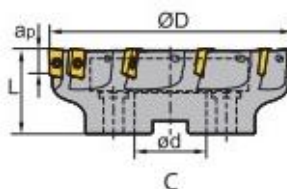
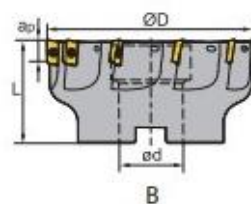
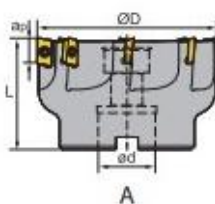
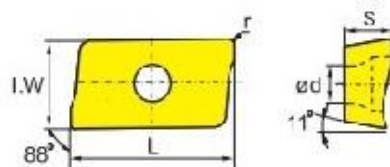
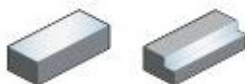
Article	*	Stock	Dimensions [mm]					Teeth	kg	Inserts
			ØD	ød	L ₁	L	a _{p max}			
CT-XOMT10-D12-85/1T	•		12	16	25	85	10.5	1	0.1	XOMT10
CT-XOMT10-D12-85/1T-IC	*	□	12	16	25	85	10.5	1	0.1	
CT-XOMT10-D16-90/2T	•		16	16	25	90	10.5	2	0.1	
CT-XOMT10-D16-90/2T-IC	*	□	16	16	25	90	10.5	2	0.1	
CT-XOMT10-D20-100/2T	•		20	20	30	100	10.5	2	0.2	
CT-XOMT10-D20-100/2T-IC	*	□	20	20	30	100	10.5	2	0.2	
CT-XOMT10-D20-100/3T	•		20	20	30	100	10.5	3	0.2	
CT-XOMT10-D20-100/3T-IC	*	•	20	20	30	100	10.5	3	0.2	
CT-XOMT10-D25-115/3T	•		25	25	35	115	10.5	3	0.4	
CT-XOMT10-D25-115/3T-IC	*	•	25	25	35	115	10.5	3	0.4	
CT-XOMT10-D25-115/4T	•		25	25	35	115	10.5	4	0.4	
CT-XOMT10-D25-115/4T-IC	*	□	25	25	35	115	10.5	4	0.4	
CT-XOMT10-D32-125/4T	•		32	32	40	125	10.5	4	0.7	
CT-XOMT10-D32-125/4T-IC	*	□	32	32	40	125	10.5	4	0.7	



CeraTec-Tools

CT-XOMT10 UNIT

CT-XOMT10 Kr: 90°



Article	*	Stock	Dimensions [mm]				Teeth	Coupling	kg	Inserts
			ØD	ød	L	ap max				
CT-XOMT10-D50-22/6T		●	50	22	40	11	6	A	0.3	
CT-XOMT10-D50-22/6T-IC	*	●	50	22	40	11	6	A	0.3	
CT-XOMT10-D63-22/8T		●	63	22	40	11	8	A	0.6	
CT-XOMT10-D63-22/8T-IC	*	●	63	22	40	11	8	A	0.6	
CT-XOMT10-D80-27/8T		●	80	27	50	11	8	A	1.2	
CT-XOMT10-D80-27/8T-IC	*	●	80	27	50	11	8	A	1.2	
CT-XOMT10-D100-32/10T		●	100	32	50	11	10	B	1.7	
CT-XOMT10-D100-32/10T-IC	*	○	100	32	50	11	10	B	1.7	

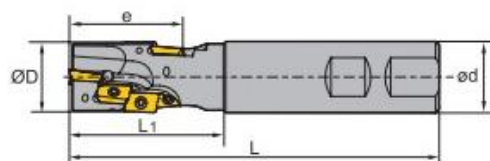
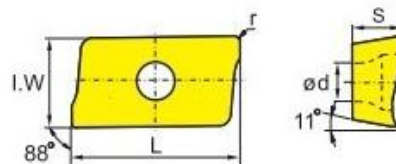
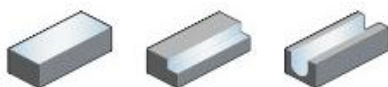
XOMT10



CeraTec-Tools

CT-XOMT10 UNIT

CT-XOMT10 Kr: 90°

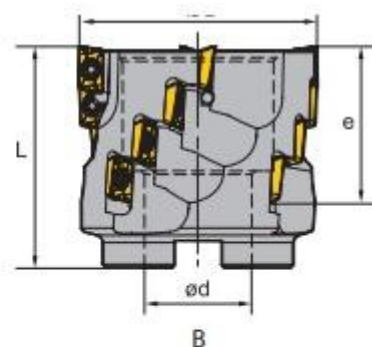
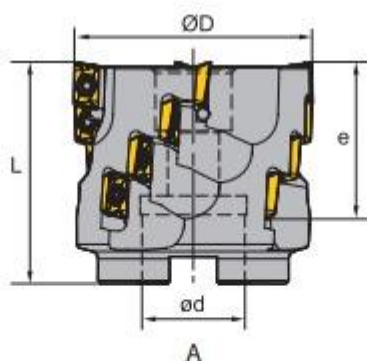
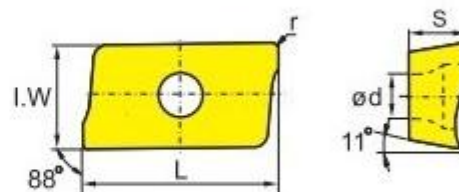


Weldon shank

Article	*	Stock	Dimensions [mm]					Teeth	No. of inserts	kg	Inserts
			ØD	e	ød	L _i	L				
CT-XOMT10-D20-120/3Tx1		•	20	29.4	20	45	120	1	3	0.3	XOMT10
CT-XOMT10-D25-130/4Tx2		•	25	38.9	25	55	130	2	8	0.4	
CT-XOMT10-D32-140/5Tx2		•	32	48.5	32	65	140	2	10	0.7	
CT-XOMT10-D40-150/7Tx2		•	40	58	40	75	150	2	14	1.3	

CT-XOMT10 UNIT

CT-XOMT10 Kr: 90°



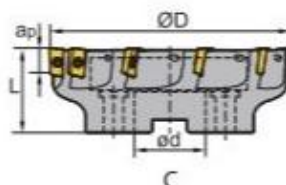
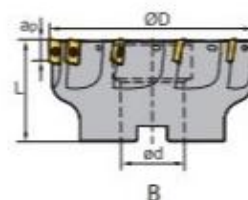
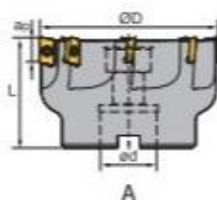
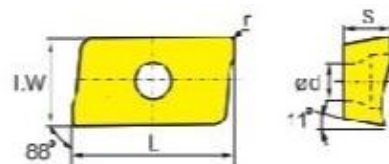
Article	*	Stock	Dimensions [mm]				Teeth	Coupling	No. of inserts	kg	Inserts
			ØD	e	ød	L					
CT-XOMT10-D50-22/16T		●	50	39	22	58	4	A	16	0.5	XOMT10
CT-XOMT10-D50-22/16T-IC	*	○	50	39	22	58	4	A	16	0.5	
CT-XOMT10-D63-27/16T		●	63	39	27	58	4	A	16	0.9	
CT-XOMT10-D80-32/20T		●	80	39	32	63	5	B	20	1.3	
CT-XOMT10-D80-32/20T-IC	*	○	80	39	32	63	5	B	20	1.3	
CT-XOMT10-D100-40/24T		●	100	39	40	63	6	B	24	2	
CT-XOMT10-D100-40/24T-IC	*	○	100	39	40	63	6	B	24	2	



CeraTec-Tools

CT-XOMT17 UNIT

CT-XOMT17 Kr: 90°



Article	*	Stock	Dimensions [mm]				Teeth	Coupling	kg	Inserts
			ØD	ød	L	a _{p max}				
CT-XOMT17-D50-22/5T		•	50	22	40	15.5	5	A	0.3	
CT-XOMT17-D50-22/5T-IC	*	•	50	22	40	15.5	5	A	0.3	
CT-XOMT17-D63-22/6T		•	63	22	40	15.5	6	A	0.5	
CT-XOMT17-D63-22/6T-IC	*	•	63	22	40	15.5	6	A	0.5	
CT-XOMT17-D80-27/7T		•	80	27	50	15.5	7	A	1.1	
CT-XOMT17-D80-27/7T-IC	*	•	80	27	50	15.5	7	A	1.1	
CT-XOMT17-D100-32/8T		•	100	32	50	15.5	8	B	1.6	
CT-XOMT17-D100-32/8T-IC	*	•	100	32	50	15.5	8	B	1.6	
CT-XOMT17-D125-40/10T		•	125	40	63	15.5	10	B	3.2	
CT-XOMT17-D125-40/10T-IC	*	•	125	40	63	15.5	10	B	3.2	
CT-XOMT17-D160-40/10T		•	160	40	63	15.5	10	B	6.3	

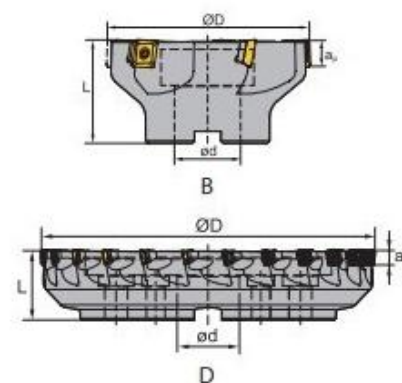
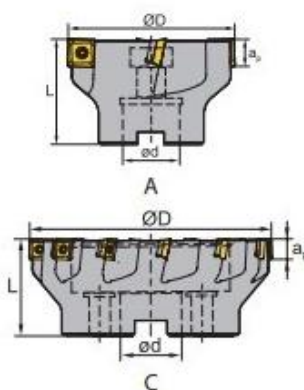
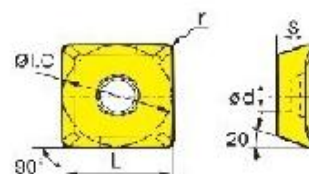
CT-XOMT17



CeraTec-Tools

CT-SOMT09 UNIT

CT-SOMT09 Kr: 90°

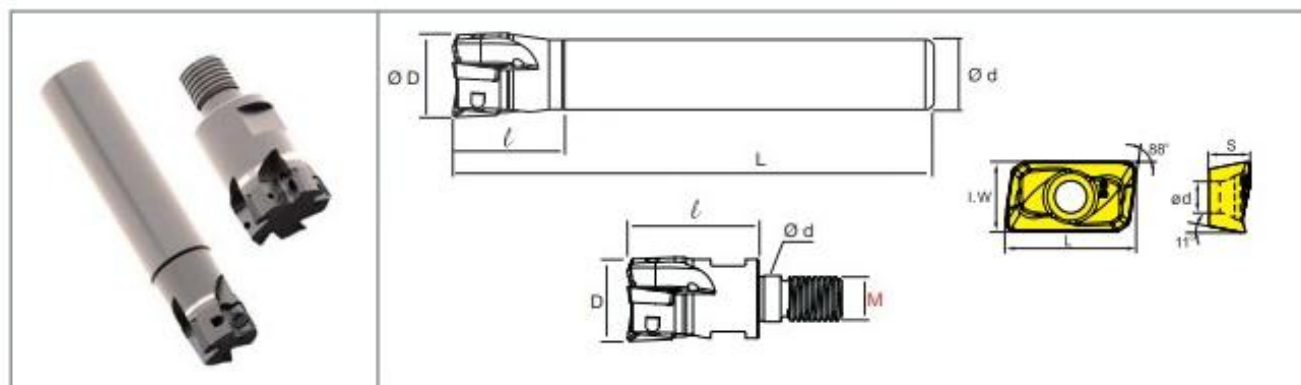


Article	*	Stock	Dimensions [mm]				Teeth	Coupling	kg	Inserts
			ØD	Ød	L	a _p max				
CT-SOMT09-D50-22/5T		•	50	22	40	6.7	5	A	0.3	SOMT09
CT-SOMT09-D50-22/5T-IC	*	•	50	22	40	6.7	5	A	0.3	
CT-SOMT09-D63-22/6T		•	63	22	40	6.7	6	A	0.5	
CT-SOMT09-D63-22/6T-IC	*	•	63	22	40	6.7	6	A	0.5	
CT-SOMT09-D80-27/8T		•	80	27	50	6.7	8	A	0.9	
CT-SOMT09-D80-27/8T-IC	*	•	80	27	50	6.7	8	A	0.9	
CT-SOMT09-D100-32/10T		○	100	32	50	6.7	10	B	1.7	
CT-SOMT09-D100-32/10T-IC	*	○	100	32	50	6.7	10	B	1.7	
CT-SOMT09-D125-40/12T		•	125	40	63	6.7	12	B	2.6	
CT-SOMT09-D125-40/12T-IC	*	•	125	40	63	6.7	12	B	2.6	



CeraTec-Tools

NT-RKP11/16 UNIT

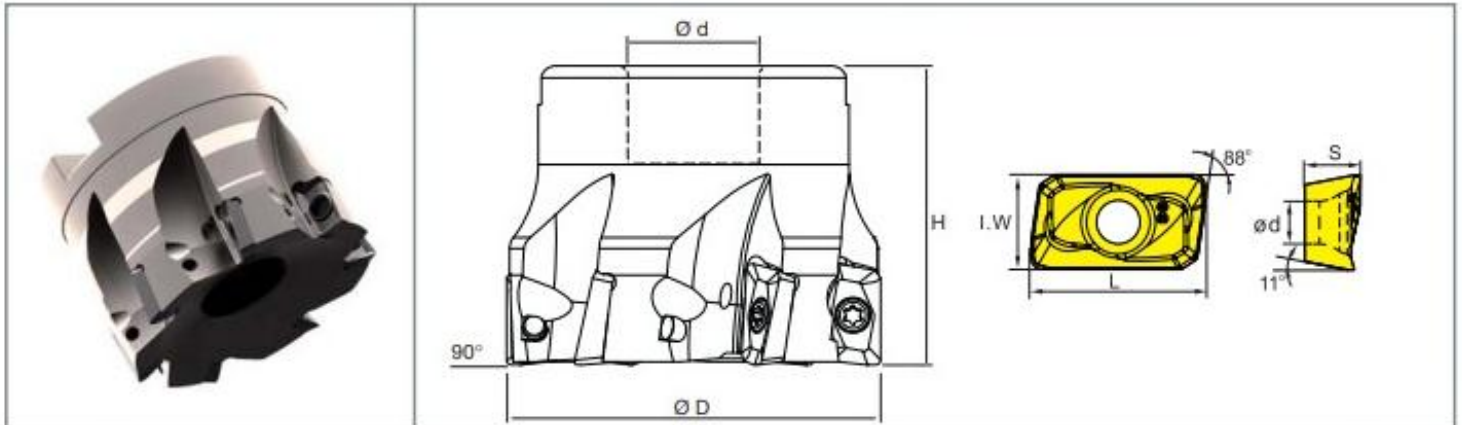


INSERTS	DESCRIPTION		STOCK	DIMENSIONS								TORQUE Nm	
	NEW			ØD	Z	Ød	L	l					
NT-RKP11	NT-RKP11	D016-S16-Z2	●	16	2	16	100	28	A	✓	NT-ST018	NT-FTB08	1.20
		D016-S16-Z2-L150	●	16	2	16	150	28	A	✓	NT-ST018	NT-FTB08	1.20
		D016-W16-Z2-L080	●	16	2	16	80	28	B	✓	NT-ST018	NT-FTB08	1.20
		D020-S16-Z3 NEW	●	20	3	16	110	28	C	✓	NT-ST018	NT-FTB08	1.20
		D020-S20-Z3	●	20	3	20	110	28	A	✓	NT-ST018	NT-FTB08	1.20
		D020-S20-Z3-L200	●	20	3	20	200	28	A	✓	NT-ST018	NT-FTB08	1.20
		D020-W20-Z3-L090	●	20	3	20	90	28	B	✓	NT-ST018	NT-FTB08	1.20
		D025-S20-Z3 NEW	●	25	3	25	120	35	A	✓	NT-ST018	NT-FTB08	1.20
		D025-S25-Z3	●	25	4	25	120	35	A	✓	NT-ST018	NT-FTB08	1.20
		D025-S25-Z4	●	25	4	25	100	35	B	✓	NT-ST018	NT-FTB08	1.20
		D032-S25-Z4 NEW	●	32	4	32	130	35	A	✓	NT-ST018	NT-FTB08	1.20
		D032-S32-Z4											
		D032-S32-Z5											
		D040-S32-Z4 NEW	●	40	4	32	150	40	A	✓	NT-ST017	NT-FTB15	3.50
NT-RKP16	NT-RKP16	D025-S25-Z2	●	25	2	25	120	40	A	✓	NT-ST019	NT-FTB15	3.50
		D032-S32-Z3	●	32	3	32	130	45	A	✓	NT-ST017	NT-FTB15	3.50
		D040-S32-Z4	●	40	4	32	150	40	A	✓	NT-ST017	NT-FTB15	3.50

MODULAR TYPE

INSERTS	DESCRIPTION				STOCK	DIMENSIONS					REF				TORQUE Nm	
	NEW		OLD			ØD	Z	Ød	M	ℓ						
NT-RKP11	NT-RKP11	D016-M08-Z2	NT-AP11H	D016-M08-Z2	●	16	2	8.5	M8	25	D	✓	NT-ST018	NT-FTB08	1.20	
		D020-M10-Z3		D020-M10-Z3	●	20	3	10.5	M10	30	D	✓	NT-ST018	NT-FTB08	1.20	
		D025-M12-Z3		D025-M12-Z3	●	25	3	12.5	M12	35	D	✓	NT-ST018	NT-FTB08	1.20	
		D025-M12-Z4		D025-M12-Z4	●	25	4	12.5	M12	35	D	✓	NT-ST018	NT-FTB08	1.20	

NT-RKP11/16 UNIT



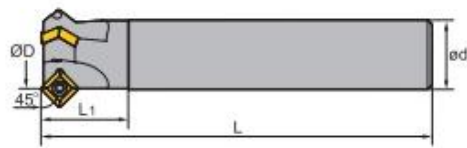
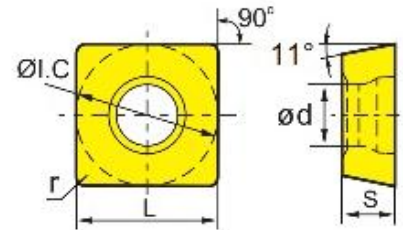
INSERTS	DESCRIPTION		STOCK	DIMENSIONS						TORQUE Nm	
				ØD	Z	Ød	H				
NT-RKP11	NT-RKP11	D040-F16-Z4	●	40	4	16	40	✓	NT-ST018	NT-FTB08	1.20
		D040-F16-Z5	●	40	5	16	40	✓	NT-ST018	NT-FTB08	1.20
		D050-F22-Z5	●	50	5	22	40	✓	NT-ST018	NT-FTB08	1.20
		D050-F22-Z6	●	50	6	22	40	✓	NT-ST018	NT-FTB08	1.20
		D063-F22-Z6 NEW	●	63	6	22	40	✓	NT-ST018	NT-FTB08	1.20
		D063-F22-Z8	●	63	8	22	40	✓	NT-ST018	NT-FTB08	1.20
		D080-F27-Z8 NEW	●	80	8	27	50	✓	NT-ST018	NT-FTB08	1.20
NT-RKP16	NT-RKP16	D040-F16-Z4	●	40	4	16	40	✓	NT-ST017	NT-FTB15	3.50
		D050-F22-Z5	●	50	5	22	50	✓	NT-ST017	NT-FTB15	3.50
		D063-F22-Z5	●	63	5	22	50	✓	NT-ST017	NT-FTB15	3.50
		D063-F22-Z6	●	63	6	22	50	✓	NT-ST017	NT-FTB15	3.50
		D080-F27-Z7	★	80	7	27	50	✓	NT-ST017	NT-FTB15	3.50
		D100-F32-Z8	●	100	8	32	50	✓	NT-ST017	NT-FTB15	3.50



CeraTec-Tools

CT-4QTM

CT-4QTM Kr: 45°



Straight shank

Article	*	Stock	Dimensions [mm]				Teeth	kg	Inserts
			ØD	ød	L ₁	L			
CT-4QTM-45-D20-100/1T		●	12	20	40	100	1	0.2	 4QTM
CT-4QTM-45-D25-120/2T		●	25	25	40	120	2	0.8	
CT-4QTM-45-D32-180/3T		●	32	32	40	180	3	1.1	

● Ex stock ○ On demand

* With internal cooling

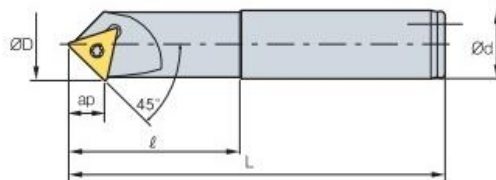
Spare parts

	Insert	4QTM	
	ØD	12-32	
	Screw (insert)	M5*11	
	Wrench (insert)	T20	

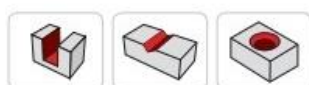


CeraTec-Tools

CT-CEMU16 UNIT



for insert CEMU16-3



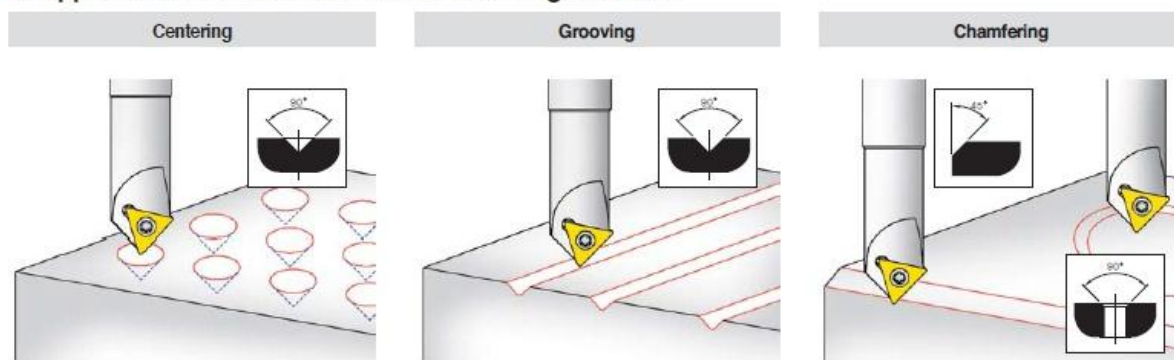
• AR: -12°~15°
• RR: 0°

(mm)

Designation	ØD	Ød	l	L	ap	Fig.	Machining range (Min~Max)	Uses
CT-CEMU16-D22-110/1T-90DIG	22	20	50	110	10	1	Ø0~Ø20	Centering Grooving Chamfering



Application area and recommended cutting condition



Workpiece	Hardness (HrC)	Centering, Grooving		Chamfering	
		vc (m/min)	fz (mm/t)	vc (m/min)	fz (mm/t)
Mild steel, Carbon steel, Alloy steel	Under HrC 30	80~200	0.01~0.04	100~250	0.04~0.06
High Carbon steel, Alloy steel	HrC 30, 40	150~250	0.02~0.06	150~300	0.05~0.10
Aluminum, Copper	-	150~300	0.04~0.08	150~350	0.05~0.10
Cast iron	-	80~150	0.02~0.06	100~250	0.05~0.10
Stainless steel	-	60~120	0.01~0.03	60~150	0.03~0.06
HRSA	-	60~80	0.01~0.03	60~100	0.03~0.06

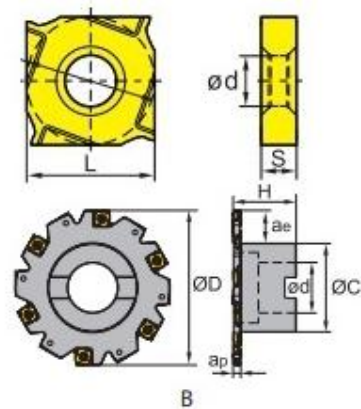
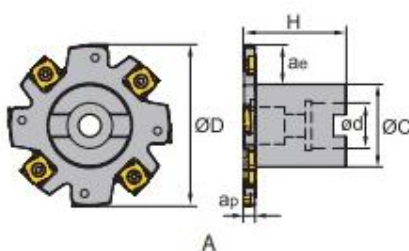
Note) Please keep fz, backtouch & chipping one caused by wrong fz



CeraTec-Tools

CT-T-SEGO12** UNIT

CT-T-SEGO12



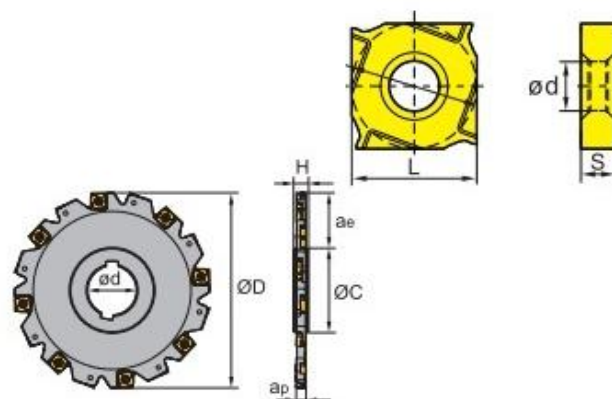
Article	Stock		Dimensions [mm]						Teeth	Coupling	S ₂ [kg]	Inserts 
	R	L	ØD	Ød	ØC	H	a _p	a _{e max}				
CT-T-SEGO12-D63x04-22/6T	●	○	63	22	32	40	4	14	6	A	0.2	SEGO12-23
CT-T-SEGO12-D80x04-22/8T	●	○	80	22	40	40	4	18	8	A	0.4	
CT-T-SEGO12-D100x04-27/10T	●	○	100	27	48	50	4	23	10	A	0.6	
CT-T-SEGO12-D63x05-22/6T	●	○	63	22	32	40	5	14	6	A	0.2	SEGO12-30
CT-T-SEGO12-D80x05-22/8T	○	○	80	22	40	40	5	18	8	A	0.4	
CT-T-SEGO12-D100x05-27/10T	○	○	100	27	48	50	5	23	10	A	0.7	
CT-T-SEGO12-D63x07-22/6T	○	○	63	22	32	40	7	14	6	A	0.2	SEGO12-40
CT-T-SEGO12-D80x07-22/8T	○	○	80	22	40	40	7	18	8	A	0.5	
CT-T-SEGO12-D100x07-27/10T	○	○	100	27	48	50	7	23	10	A	0.7	
CT-T-SEGO12-D125x07-40/12T	○	○	125	40	72	50	7	23	12	B	1.1	SEGO12-35
CT-T-SEGO12-D160x07-40/16T	○	○	160	40	70	60	7	41	16	B	1.4	
CT-T-SEGO12-D63x07-22/6T	●	○	63	22	32	40	6	14	6	A	0.2	
CT-T-SEGO12-D80x07-22/8T	●	○	80	22	40	40	6	18	8	A	0.5	SEGO12-45
CT-T-SEGO12-D100x07-27/10T	○	○	100	27	48	50	6	23	10	A	0.7	
CT-T-SEGO12-D125x07-40/12T	○	○	125	40	72	50	6	23	12	B	1	
CT-T-SEGO12-D160x07-40/16T	○	○	160	40	70	60	6	41	16	B	1.3	SEGO12-45
CT-T-SEGO12-D63x07-22/6T	●	○	63	22	32	40	8	14	6	A	0.2	
CT-T-SEGO12-D80x07-22/8T	○	○	80	22	40	40	8	18	8	A	0.5	
CT-T-SEGO12-D100x07-27/10T	○	○	100	27	48	50	8	23	10	A	0.8	SEGO12-45
CT-T-SEGO12-D125x07-40/12T	○	○	125	40	72	50	8	23	12	B	1.1	
CT-T-SEGO12-D160x07-40/16T	●	○	160	40	70	60	8	41	16	B	1.5	



CeraTec-Tools

CT-SEGO12** UNIT

CT-SEGO12

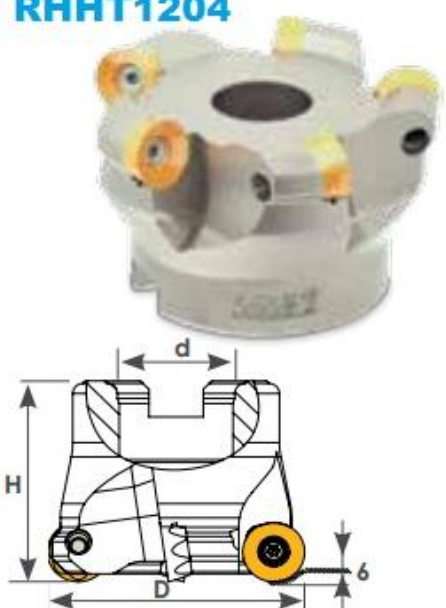


Article	✱	Stock	Dimensions [mm]						Coupling	kg	Inserts 
			ØD	ød	Øc	H	a _p	a _{e max}			
CT-SEGO12-D100X04-27/10T	○		100	27	45	12	4	25	K	0.2	SEGO12-23
CT-SEGO12-D125X04-40/12T	○		125	40	56	12	4	32	K	0.3	
CT-SEGO12-D160X04-40/16T	●		160	40	67	12	4	44	K	0.5	
CT-SEGO12-D100X05-27/10T	○		100	27	45	12	5	25	K	0.2	SEGO12-30
CT-SEGO12-D125X05-40/12T	○		125	40	56	12	5	32	K	0.3	
CT-SEGO12-D160X05-40/16T	○		160	40	67	12	5	44	K	0.6	
CT-SEGO12-D100X07-27/10T	●		100	27	45	12	7	25	K	0.3	SEGO12-40
CT-SEGO12-D125X07-40/12T	○		125	40	56	12	7	32	K	0.4	
CT-SEGO12-D160X07-40/16T	○		160	40	67	12	7	44	K	0.8	
CT-SEGO12-D200X07-50/18T	○		200	50	71	12	7	62	K	1.2	
CT-SEGO12-D250X07-50/24T	○		250	50	71	12	7	87	K	1.9	SEGO12-35
CT-SEGO12-D100X06-27/10T	○		100	27	45	12	6	25	K	0.3	
CT-SEGO12-D125X06-40/12T	○		125	40	56	12	6	32	K	0.4	
CT-SEGO12-D160X06-40/12T	○		160	40	67	12	6	44	K	0.7	
CT-SEGO12-D200X06-50/16T	○		200	50	71	12	6	62	K	1.1	
CT-SEGO12-D250X06-50/18T	○		250	50	71	12	6	87	K	1.7	SEGO12-45
CT-SEGO12-D100X08-27/24T	●		100	27	45	12	8	25	K	0.3	
CT-SEGO12-D125X08-40/16T	○		125	40	56	12	8	32	K	0.5	
CT-SEGO12-D160X08-40/16T	●		160	40	67	12	8	44	K	0.9	
CT-SEGO12-D200X08-50/16T	●		200	50	71	12	8	62	K	1.4	
CT-SEGO12-D250X08-50/16T	●		250	50	71	12	8	87	K	2.2	



CeraTec-Tools

RHHT12 UNIT

RHHT1204				
				
Dimensions (mm)				Size
ØD	ød	Z	H	
50	22	4	40	50x4
63	22	5	40	63x5
80	27	6	50	80x6
100	32	7	50	100x7

VCGT 1604 UNIT

VCGT 1604

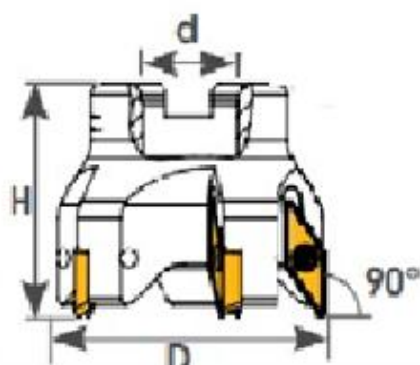
Dimensions (mm)					Size	Insert
ØD	Z	L	ød	L1		
25	2	150	25	60	25x2x25	
32	2	150	32	60	32x2x32	VCGT 1604
40	3	150	32	60	40x3x32	Insert IS
25	2	200	25	60	25x2x25	ISO.
32	2	200	32	60	32x2x32	
25	2	250	25	60	25x2x25	
32	2	250	32	60	32x2x32	



CeraTec-Tools

VCGT16**/DCMT11T3** UNIT

VCGT 16- DCMT 11T3



Dimensions (mm)				Size	Insert
ØD	ød	Z	H		
40	16	3	52	40x3	VCGT 1604
50	22	4	52	50x4	Insert
63	22	5	52	63x5	Is ISO.
80	27	6	52	80x6	
63	22	5	52	63x5	DCMT 11T3
					Insert
					Is ISO.



APKT10** UNIT

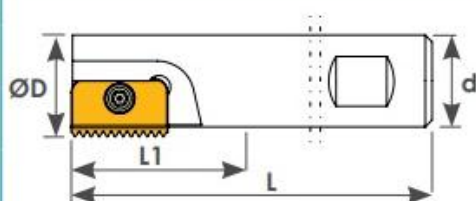
APKT10**



Dimensions (mm)					Size
ØD	Z	L	ød	L1	
12	1	100	12	27	12x1x12
14	1	100	14	27	14x1x12
16	2	100	16	35	16x2x16
18	2	100	16	30	18x2x16
20	3	100	20	30	20x3x20
22	3	100	20	30	22x3x20
25	3	100	25	35	25x3x25
30	4	100	25	35	30x4x25
32	4	100	25	35	32x4x25
35	4	100	25	35	35x4x25
40	5	100	25	35	40x5x25
12	1	120	12	27	12x1x12
14	1	120	14	30	14x1x12
16	2	120	16	40	16x2x16
18	2	120	16	40	18x2x16
20	3	120	20	40	20x3x20
22	3	120	20	40	22x3x20
25	3	120	25	40	25x3x25
30	4	120	25	40	30x4x25
32	4	120	25	40	32x4x25
35	4	120	25	40	35x4x25

CPT UNIT (CARMEX)

Thread Cutting Cutter



Dimensions (mm)						Insert
D	Z	L	L1	d	f	
12	1	100	40	12	6	
12	1	80	27	20	6	Is Suitable
15	1	100	30	12	7,5	For CPT.
21	1	100	47	20	10,5	
18	1	120	50	20	9	
29	1	120	50	32	14,5	Is Suitable
36	2	120	50	32	18	For CPT.
25	1	150	50	20	12,5	

V sortimentu další frézy na **90%** existujících VBD.

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