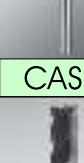


End mills

2T-Carbide end mills of coating.....	D2
2T-Carbide long end mills of coating.....	D3
4T-Carbide end mills of coating.....	D4
4T-Carbide long end mills of coating.....	D5
2T-Carbide end mills (work for have color matal).....	D6
3T-Carbide end mills (work for have color matal).....	D7
4T-Carbide roughing end mills	D8
6T-Carbide end mills(work for HRC<65)	D8
2T-Carbide end mills with corner radius	D9
4T-Carbide end mills with corner radius	D10
2T-Carbide ball nose end mills	D11
2T-Carbide taper end mills	D12-D13
2T-Carbide ball nose end mills with taper neck	D14



MILLING CONDITIONS

CODE	Work Mode	Cutting parameters	General steel S50C,20 <HRC20	Alloy steel SKD, SKH HRC 20-37	Harden steel SKD,SKH HRC38-48	Harden steel SKD,SKH HRC48-56	Harden steel SKD,SKH HRC57-65	stainless steel 300,400	IRON
 CAE2-	 SIDE MILLING	Vc m/min	150-250	80-150	60-80			40-120	150-300
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07			0.004 -0.12	0.006 -0.16
 CAS2-	 SLOTTING	Vc m/min	120-200	70-130	50-70			40-100	120-250
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07			0.004 -0.12	0.006 -0.16
 CAE4-	 SIDE MILLING	Vc m/min	60-100	40-80	40-60	25-50		40-80	80-200
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07	0.002 -0.04		0.004 -0.12	0.006 -0.16
 CAS2-	 SLOTTING	Vc m/min	50-90	40-80	35-50	25-50		40-70	80-150
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07	0.002 -0.04		0.004 -0.12	0.006 -0.16
 CAE4-	 SIDE MILLING	Vc m/min	150-250	80-150	60-80			40-120	150-300
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07			0.004 -0.12	0.006 -0.16
 CCH4-	 SLOTTING	Vc m/min	120-200	70-100	50-70			40-100	100-200
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07			0.004 -0.12	0.006 -0.16
 CCH4-	 SIDE MILLING	Vc m/min	120-160	40-60				60-100	80-150
		f mm/tooth	0.006 -0.16	0.004 -0.12				0.004 -0.12	0.006 -0.16
 CDE6-	 SLOTTING	Vc m/min	100-120	30-50				50-80	70-120
		f mm/tooth	0.006 -0.16	0.004 -0.12				0.004 -0.12	0.006 -0.16
 CDE6-	 SIDE MILLING	Vc m/min	200-300	100-180	30-50	60-150	50-100		80-200
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07	0.002 -0.04	0.002 -0.03		0.006 -0.16
 CBR2-	 SLOTTING	Vc m/min		90-160	30-40	50-100	40-80		70-150
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07	0.002 -0.04	0.002 -0.03		0.006 -0.16
 CBR2-	 SIDE MILLING	Vc m/min	120-250	100-180	60-120	50-80		50-120	100-250
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07	0.002 -0.04		0.004 -0.12	0.006 -0.16
 CBR4-	 SLOTTING	Vc m/min	100-200	80-150	50-110	40-70		50-100	80-200
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07	0.002 -0.04		0.004 -0.12	0.006 -0.16
 CBR4-	 SIDE MILLING	Vc m/min	120-250	100-180	60-120	50-80		50-120	100-250
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07	0.002 -0.04		0.004 -0.12	0.006 -0.16
 CAB2-	 SLOTTING	Vc m/min	100-200	80-150	50-100	40-60		50-100	80-200
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07	0.002 -0.04		0.004 -0.12	0.006 -0.16
	 SIDE MILLING	Vc m/min		100-250	80-200	40-120	20-40	50-120	150-300
 CAB2-		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07	0.002 -0.04	0.002 -0.03	0.004 -0.12	0.006 -0.16
	 SLOTTING	Vc m/min		80-200	70-180	30-100	20-40	40-100	100-250
		f mm/tooth	0.006 -0.16	0.004 -0.12	0.003 -0.07	0.002 -0.04	0.002 -0.03	0.004 -0.12	0.006 -0.16

2T-Carbide End Mills Of Coating

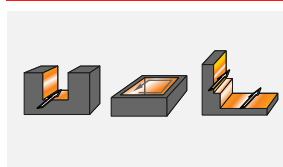
Standard Length

COMMON CUT

Sample



Work Mode



CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material			
					KVS	KVW	KVL	KVB
CAE2-0.3X4	0.3	3, 4	0.6	50	●	●	●	●
CAE2-0.4X4	0.4	3, 4	0.8	50	●	●	●	●
CAE2-0.5X4	0.5	3, 4	1.0	50	●	●	●	●
CAE2-0.6X4	0.6	3, 4	1.2	50	●	●	●	●
CAE2-0.7X4	0.7	3, 4	1.4	50	●	●	●	●
CAE2-0.8X4	0.8	3, 4	1.6	50	●	●	●	●
CAE2-0.9X4	0.9	3, 4	1.8	50	●	●	●	●
CAE2-1X4	1.0	4	3	50	●	●	●	●
CAE2-1.2X4	1.2	4	4	50	●	●	●	●
CAE2-1.3X4	1.3	4	4	50	●	●	●	●
CAE2-1.5X4	1.5	4	4	50	●	●	●	●
CAE2-1.6X4	1.6	4	5	50	●	●	●	●
CAE2-1.7X4	1.7	4	5	50	●	●	●	●
CAE2-1.8X4	1.8	4	5	50	●	●	●	●
CAE2-2X4	2.0	4	6	50	●	●	●	●
CAE2-2.2X4	2.2	4	6	50	●	●	●	●
CAE2-2.5X4	2.5	4	8	50	●	●	●	●
CAE2-3X4	3.0	4	8	50	●	●	●	●
CAE2-3X6	3.0	6	8	50	●	●	●	●
CAE2-3.5X4	3.5	4	8	50	●	●	●	●
CAE2-3.5X6	3.5	4	8	50	●	●	●	●
CAE2-4X4	4.0	4	11	50	●	●	●	●
CAE2-4X6	4.0	6	11	50	●	●	●	●
CAE2-4.5X6	4.5	6	11	50	●	●	●	●
CAE2-5X6	5.0	6	13	50	●	●	●	●
CAE2-5.5X6	5.5	6	16	50	●	●	●	●
CAE2-6X6	6.0	6	16	50	●	●	●	●
CAE2-6.5X8	6.5	8	20	60	●	●	●	●
CAE2-7X8	7.0	8	20	60	●	●	●	●
CAE2-7.5X8	7.5	8	20	60	●	●	●	●
CAE2-8X8	8.0	8	20	60	●	●	●	●
CAE2-8.5X10	8.5	10	22	72	●	●	●	●
CAE2-9X10	9.0	10	22	72	●	●	●	●
CAE2-9.5X10	9.5	10	22	72	●	●	●	●
CAE2-10X10	10.0	10	22	72	●	●	●	●
CAE2-11X12	11.0	12	26	75	●	●	●	●
CAE2-12X12	12.0	12	26	75	●	●	●	●
CAE2-13X16	13.0	16	32	100	●	●	●	●
CAE2-14X16	14.0	16	32	100	●	●	●	●
CAE2-15X16	15.0	16	38	100	●	●	●	●
CAE2-16X16	16.0	16	38	100	●	●	●	●
CAE2-17X20	17.0	20	38	100	●	●	●	●
CAE2-18X16	18.0	20	38	100	●	●	●	●
CAE2-20X20	20.0	20	38	100	●	●	●	●

● IN STOCK

2T-Carbide Long End Mills Of Coating

Long Length

CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material			
					KVS	KVW	KVL	KVB
CAE2-1X4L	1.0	4	5	50	●	●	●	●
CAE2-1.2X4L	1.2	4	6	50	●	●	●	●
CAE2-1.3X4L	1.3	4	6	50	●	●	●	●
CAE2-1.5X4L	1.5	4	8	50	●	●	●	●
CAE2-1.6X4L	1.6	4	8	50	●	●	●	●
CAE2-1.8X4L	1.8	4	8	50	●	●	●	●
CAE2-2X4L	2.0	4	8	75	●	●	●	●
CAE2-3X4L	3.0	4	12	75	●	●	●	●
CAE2-4X4L	4.0	4	15	75	●	●	●	●
CAE2-5X6L	5.0	6	20	75	●	●	●	●
CAE2-6X6L	6.0	6	20	75	●	●	●	●
CAE2-7X8L	7.0	8	25	100	●	●	●	●
CAE2-8X8L	8.0	8	25	100	●	●	●	●
CAE2-9X10L	9.0	10	30	100	●	●	●	●
CAE2-10X10L	10.0	10	30	100	●	●	●	●
CAE2-11X12L	11.0	12	35	110	●	●	●	●
CAE2-12X12L	12.0	12	35	110	●	●	●	●
CAE2-14X16L	14.0	16	40	150	●	●	●	●
CAE2-16X16L	16.0	16	50	150	●	●	●	●
CAE2-20X20L	20.0	20	55	150	●	●	●	●

COMMON CUT

Sample



Work Mode

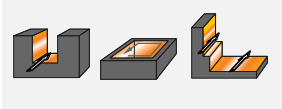


Extra Long Length

CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material			
					KVS	KVW	KVL	KVB
CAE2-3X6LL	3.0	6	12	75	●	●	●	●
CAE2-4X6LL	4.0	6	15	75	●	●	●	●
CAE2-5X6LL	5.0	6	20	100	●	●	●	●
CAE2-6X6LL	6.0	6	20	100	●	●	●	●
CAE2-8X8LL	8.0	8	25	150	●	●	●	●
CAE2-10X10LL	10.0	10	30	150	●	●	●	●
CAE2-12X12LL	12.0	12	35	180	●	●	●	●
CAE2-14X16LL	14.0	16	40	180	●	●	●	●
CAE2-16X16LL	16.0	16	50	210	●	●	●	●
CAE2-20X20LL	20.0	20	55	210	●	●	●	●

4T-Carbide End Mills Of Coating

Standard Length

COMMON CUT	CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material			
						KVS	KVW	KVL	KVB
	CAE4-1.0X4	1.0	4	3	50	●	●	●	●
	CAE4-1.2X4	1.2	4	4	50	●	●	●	●
	CAE4-1.3X4	1.3	4	4	50	●	●	●	●
	CAE4-1.4X4	1.4	4	4	50	●	●	●	●
	CAE4-1.5X4	1.5	4	4	50	●	●	●	●
	CAE4-1.6X4	1.6	4	5	50	●	●	●	●
	CAE4-1.7X4	1.7	4	5	50	●	●	●	●
	CAE4-1.8X4	1.8	4	5	50	●	●	●	●
	CAE4-2X4	2.0	4	6	50	●	●	●	●
	CAE4-2.2X4	2.2	4	6	50	●	●	●	●
	CAE4-2.3X4	2.3	4	6	50	●	●	●	●
	CAE4-2.5X4	2.5	4	8	50	●	●	●	●
	CAE4-2.6X4	2.6	4	8	50	●	●	●	●
	CAE4-2.7X4	2.7	4	8	50	●	●	●	●
	CAE4-2.8X4	2.8	4	8	50	●	●	●	●
	CAE4-3X4	3.0	4	8	50	●	●	●	●
	CAE4-3X6	3.0	6	8	50	●	●	●	●
	CAE4-3.5X4	3.5	4	8	50	●	●	●	●
	CAE4-3.5X6	3.5	6	8	50	●	●	●	●
	CAE4-4X4	4.0	4	11	50	●	●	●	●
	CAE4-4X6	4.0	6	11	50	●	●	●	●
	CAE4-4.5X6	4.5	6	11	50	●	●	●	●
	CAE4-5X6	5.0	6	13	50	●	●	●	●
	CAE4-5.5X6	5.5	6	16	50	●	●	●	●
	CAE4-6X6	6.0	6	16	50	●	●	●	●
	CAE4-6.5X8	6.5	8	20	60	●	●	●	●
	CAE4-7X8	7.0	8	20	60	●	●	●	●
	CAE4-7.5X8	7.5	8	20	60	●	●	●	●
	CAE4-8X8	8.0	8	20	60	●	●	●	●
	CAE4-8.5X10	8.5	10	22	72	●	●	●	●
	CAE4-9X10	9.0	10	22	72	●	●	●	●
	CAE4-9.5X10	9.5	10	22	72	●	●	●	●
	CAE4-10X10	10.0	10	22	72	●	●	●	●
	CAE4-11X12	11.0	12	26	75	●	●	●	●
	CAE4-12X12	12.0	12	26	75	●	●	●	●
	CAE4-13X16	13.0	16	32	100	●	●	●	●
	CAE4-14X16	14.0	16	32	100	●	●	●	●
	CAE4-15X16	15.0	16	38	100	●	●	●	●
	CAE4-16X16	16.0	16	38	100	●	●	●	●
	CAE4-17X20	17.0	20	38	100	●	●	●	●
	CAE4-18X20	18.0	20	38	100	●	●	●	●
	CAE4-20X20	20.0	20	38	100	●	●	●	●

4T-Carbide Long End Mills Of Coating

Long Length

CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material			
					KVS	KVW	KVL	KVB
CAE4-1X4L	1.0	4	5	50	●	●	●	●
CAE4-1.2X4L	1.2	4	6	50	●	●	●	●
CAE4-1.3X4L	1.3	4	6	50	●	●	●	●
CAE4-1.5X4L	1.5	4	7	50	●	●	●	●
CAE4-1.6X4L	1.6	4	8	50	●	●	●	●
CAE4-1.8X4L	1.8	4	8	50	●	●	●	●
CAE4-2X4L	2.0	4	10	75	●	●	●	●
CAE4-3X4L	3.0	4	12	75	●	●	●	●
CAE4-4X4L	4.0	4	15	75	●	●	●	●
CAE4-5X6L	5.0	6	20	75	●	●	●	●
CAE4-6X6L	6.0	6	20	75	●	●	●	●
CAE4-7X8L	7.0	8	25	100	●	●	●	●
CAE4-8X8L	8.0	8	25	100	●	●	●	●
CAE4-9X10L	9.0	10	30	100	●	●	●	●
CAE4-10X10L	10.0	10	30	100	●	●	●	●
CAE4-11X12L	11.0	12	35	110	●	●	●	●
CAE4-12X12L	12.0	12	35	110	●	●	●	●
CAE4-14X16L	14.0	16	40	150	●	●	●	●
CAE4-16X16L	16.0	16	50	150	●	●	●	●
CAE4-20X20L	20.0	20	55	150	●	●	●	●

COMMON CUT

Sample



Work Mode



Extra Long Length

CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material			
					KVS	KVW	KVL	KVB
CAE4-3X6LL	3.0	6	12	75	●	●	●	●
CAE4-4X6LL	4.0	6	15	75	●	●	●	●
CAE4-5X6LL	5.0	6	20	100	●	●	●	●
CAE4-6X6LL	6.0	6	20	100	●	●	●	●
CAE4-8X8LL	8.0	8	25	150	●	●	●	●
CAE4-10X10LL	10.0	10	30	150	●	●	●	●
CAE4-12X12LL	12.0	12	35	180	●	●	●	●
CAE4-14X16LL	14.0	16	40	180	●	●	●	●
CAE4-16X16LL	16.0	16	50	210	●	●	●	●
CAE4-20X20LL	20.0	20	55	210	●	●	●	●

2T-Carbide End Mills (Work For Have color metal)

Standard Length

METAL OF COLOR CUT

Sample



Work Mode



CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material	
					K10	K20
CCE2-3X3	3.0	3	9	38	●	●
CCE2-4X4	4.0	4	12	50	●	●
CCE2-5X5	5.0	5	15	50	●	●
CCE2-6X6	6.0	6	18	63	●	●
CCE2-8X8	8.0	8	20	63	●	●
CCE2-10X10	10.0	10	30	72	●	●
CCE2-12X12	12.0	12	32	75	●	●
CCE2-16X16	16.0	16	40	89	●	●
CCE2-20X20	20.0	20	45	100	●	●

Characteristics:

1. Big spiral Cape, cutting resistance small;
2. The edge is sharp;
3. Material good;
4. Groove high clean degree , don't be stained with scrap iron.

Long Length

CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material	
					K10	K20
CCE2-3X6L	3.0	6	20	57	●	●
CCE2-4X6L	4.0	6	20	63	●	●
CCE2-5X6L	5.0	6	25	75	●	●
CCE2-6X6L	6.0	6	30	75	●	●
CCE2-8X8L	8.0	8	32	75	●	●
CCE2-10X10L	10.0	10	45	100	●	●
CCE2-12X12L	12.0	12	50	110	●	●
CCE2-16X16L	16.0	16	60	127	●	●
CCE2-20X20L	20.0	20	60	127	●	●

3T-Carbide End Mills (Work For Have color metal)

Standard Length

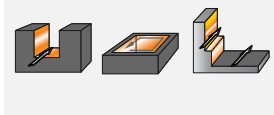
CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material	
					K10	K20
CCX3-1X3	1.0	3	5	38	●	●
CCX3-1.5X3	1.5	3	6	38	●	●
CCX3-2X3	2.0	3	6	38	●	●
CCX3-2.5X3	2.5	3	7	38	●	●
CCX3-3X3	3.0	3	9	38	●	●
CCX3-4X4	4.0	4	14	50	●	●
CCX3-5X6	5.0	6	16	50	●	●
CCX3-6X6	6.0	6	20	63	●	●
CCX3-7X8	7.0	8	20	63	●	●
CCX3-8X8	8.0	8	20	63	●	●
CCX3-10X10	10.0	10	22	72	●	●
CCX3-12X12	12.0	12	26	75	●	●
CCX3-16X16	16.0	16	32	89	●	●
CCX3-20X20	20.0	20	38	100	●	●

METAL OF COLOR CUT

Sample



Work Mode



Characteristics:

1. Big spiral Cape, cutting resistance small;
2. The edge is sharp;
3. Material good;
4. Groove high clean degree, don't be stained with scrap iron.

Long Length

CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material	
					K10	K20
CCX3-3X6L	3.0	3	20	57	●	●
CCX3-4X6L	4.0	4	20	63	●	●
CCX3-5X6L	5.0	6	25	75	●	●
CCX3-6X6L	6.0	6	30	75	●	●
CCX3-8X8L	8.0	8	30	75	●	●
CCX3-10X10L	10.0	10	45	100	●	●
CCX3-12X12L	12.0	12	50	100	●	●
CCX3-16X16L	16.0	16	60	127	●	●
CCX3-20X20L	20.0	20	60	127	●	●

Extra Long Length

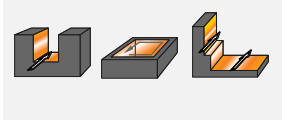
CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material	
					K10	K20
CCX3-6X6LL	6.0	6	50	100	●	●
CCX3-8X8LL	8.0	8	50	100	●	●
CCX3-10X10LL	10.0	10	75	150	●	●
CCX3-12X12LL	12.0	12	75	150	●	●
CCX3-16X16LL	16.0	16	80	150	●	●
CCX3-20X20LL	20.0	20	80	150	●	●

4T-Carbide Roughing End Mills

Standard Length

COMMON CUT	CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material			
						KVS	KVW	KVL	KVB
	CCH4-6X6	6.0	6	16	50	●	●	●	●
	CCH4-8X8	8.0	8	20	60	●	●	●	●
	CCH4-10X10	10.0	10	22	72	●	●	●	●
	CCH4-12X12	12.0	12	26	75	●	●	●	●
	CCH4-16X16	16.0	16	38	100	●	●	●	●
	CCH4-20X20	20.0	20	38	100	●	●	●	●

Long Length

Work Mode	CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material			
						KVS	KVW	KVL	KVB
	CCH4-6X6L	6.0	6	40	100	●	●	●	●
	CCH4-8X8L	8.0	8	40	100	●	●	●	●
	CCH4-10X10L	10.0	10	45	100	●	●	●	●
	CCH4-12X12L	12.0	12	45	100	●	●	●	●
	CCH4-16X16L	16.0	16	75	150	●	●	●	●
	CCH4-20X20L	20.0	20	75	150	●	●	●	●

6T-Carbide End Mills (Work For HRC<65° metal)

Standard Length

CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material
					KHR
CDE6-3X6	3.0	6	8	50	●
CDE6-4X6	4.0	6	11	50	●
CDE6-5X6	5.0	6	13	50	●
CDE6-6X6	6.0	6	16	50	●
CDE6-8X8	8.0	8	20	60	●
CDE6-10X10	10.0	10	22	72	●
CDE6-12X12	12.0	12	26	75	●
CDE6-16X16	16.0	16	38	100	●
CDE6-20X20	20.0	20	38	100	●

HIGH RIGIDITY CUT

Sample



Work Mode



Long Length

CODE	d(mm)	D(mm)	L1(mm)	L(mm)	Material
					KHR
CDE6-6X6L	6.0	6	25	80	●
CDE6-8X8L		8	36	90	●
CDE6-10X10L	10.0	10	45	100	●
CDE6-12X12L		12	56	110	●
CDE6-16X16L	16.0	16	66	140	●
CDE6-20X20L		20	76	160	●

2T-Carbide End Mills With Corner Radius

Standard Length



CODE	d(mm)	R(mm)	D(mm)	L1(mm)	L(mm)	Material			
						KVS	KVW	KVL	KVB
CBR2-4XR0.3X6	4.0	0.3	6	11	50	●	●	●	●
CBR2-4XR0.5X6	4.0	0.5	6	11	50	●	●	●	●
CBR2-6XR0.3X6	6.0	0.3	6	16	50	●	●	●	●
CBR2-6XR0.5X6	6.0	0.5	6	16	50	●	●	●	●
CBR2-6XR1.0X6	6.0	1.0	6	16	50	●	●	●	●
CBR2-6XR1.5X6	6.0	1.5	6	16	50	●	●	●	●
CBR2-8XR0.5X8	8.0	0.5	8	20	60	●	●	●	●
CBR2-8XR1.0X8	8.0	1.0	8	20	60	●	●	●	●
CBR2-8XR1.5X8	8.0	1.5	8	20	60	●	●	●	●
CBR2-8XR2.0X8	8.0	2.0	8	20	60	●	●	●	●
CBR2-10XR0.5X10	10	0.5	10	22	72	●	●	●	●
CBR2-10XR1.0X10	10	1.0	10	22	72	●	●	●	●
CBR2-10XR1.5X10	10	1.5	10	22	72	●	●	●	●
CBR2-10XR2.0X10	10	2.0	10	22	72	●	●	●	●
CBR2-10XR3.0X10	10	3.0	10	22	72	●	●	●	●
CBR2-12XR0.5X12	12	0.5	12	26	75	●	●	●	●
CBR2-12XR1.0X12	12	1.0	12	26	75	●	●	●	●
CBR2-12XR1.5X12	12	1.5	12	26	75	●	●	●	●
CBR2-12XR2.0X12	12	2.0	12	26	75	●	●	●	●
CBR2-12XR3.0X12	12	3.0	12	26	75	●	●	●	●

Long Length

CODE	d(mm)	R(mm)	D(mm)	L1(mm)	L(mm)	Material			
						KVS	KVW	KVL	KVB
CBR2-4XR0.3X6L	4.0	0.3	6	15	50	●	●	●	●
CBR2-4XR0.5X6L	4.0	0.5	6	15	50	●	●	●	●
CBR2-6XR0.3X6L	6.0	0.3	6	20	60	●	●	●	●
CBR2-6XR0.5X6L	6.0	0.5	6	20	60	●	●	●	●
CBR2-6XR1.0X6L	6.0	1.0	6	20	60	●	●	●	●
CBR2-6XR1.5X6L	6.0	1.5	6	20	60	●	●	●	●
CBR2-8XR0.5X8L	8.0	0.5	8	25	75	●	●	●	●
CBR2-8XR1.0X8L	8.0	1.0	8	25	75	●	●	●	●
CBR2-8XR1.5X8L	8.0	1.5	8	25	75	●	●	●	●
CBR2-8XR2.0X8L	8.0	2.0	8	25	75	●	●	●	●
CBR2-10XR0.5X10L	10	0.5	10	30	90	●	●	●	●
CBR2-10XR1.0X10L	10	1.0	10	30	90	●	●	●	●
CBR2-10XR1.5X10L	10	1.5	10	30	90	●	●	●	●
CBR2-10XR2.0X10L	10	2.0	10	30	90	●	●	●	●
CBR2-10XR3.0X10L	10	3.0	10	30	90	●	●	●	●
CBR2-12XR0.5X12L	12	0.5	12	30	100	●	●	●	●
CBR2-12XR1.0X12L	12	1.0	12	30	100	●	●	●	●
CBR2-12XR1.5X12L	12	1.5	12	30	100	●	●	●	●
CBR2-12XR2.0X12L	12	2.0	12	30	100	●	●	●	●
CBR2-12XR3.0X12L	12	3.0	12	30	100	●	●	●	●

4T-Carbide End Mills With Corner Radius

Standard Length

CODE	d(mm)	R(mm)	D(mm)	L1(mm)	L(mm)	Material			
						KVS	KVW	KVL	KVB
CBR4-4XR0.3X6	4.0	0.3	6	11	50	●	●	●	●
CBR4-4XR0.5X6	4.0	0.5	6	11	50	●	●	●	●
CBR4-6XR0.3X6	6.0	0.3	6	16	50	●	●	●	●
CBR4-6XR0.5X6	6.0	0.5	6	16	50	●	●	●	●
CBR4-6XR1.0X6	6.0	1.0	6	16	50	●	●	●	●
CBR4-6XR1.5X6	6.0	1.5	6	16	50	●	●	●	●
CBR4-8XR0.5X8	8.0	0.5	8	20	60	●	●	●	●
CBR4-8XR1.0X8	8.0	1.0	8	20	60	●	●	●	●
CBR4-8XR1.5X8	8.0	1.5	8	20	60	●	●	●	●
CBR4-8XR2.0X8	8.0	2.0	8	20	60	●	●	●	●
CBR4-10XR0.5X10	10	0.5	10	22	72	●	●	●	●
CBR4-10XR1.0X10	10	1.0	10	22	72	●	●	●	●
CBR4-10XR1.5X10	10	1.5	10	22	72	●	●	●	●
CBR4-10XR2.0X10	10	2.0	10	22	72	●	●	●	●
CBR4-10XR3.0X10	10	3.0	10	22	72	●	●	●	●
CBR4-12XR0.5X12	12	0.5	12	26	75	●	●	●	●
CBR4-12XR1.0X12	12	1.0	12	26	75	●	●	●	●
CBR4-12XR1.5X12	12	1.5	12	26	75	●	●	●	●
CBR4-12XR2.0X12	12	2.0	12	26	75	●	●	●	●
CBR4-12XR3.0X12	12	3.0	12	26	75	●	●	●	●

Long Length

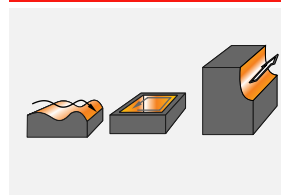
CODE	d(mm)	R(mm)	D(mm)	L1(mm)	L(mm)	Material			
						KVS	KVW	KVL	KVB
CBR4-4XR0.3X6L	4.0	0.3	6	15	50	●	●	●	●
CBR4-4XR0.5X6L	4.0	0.5	6	15	50	●	●	●	●
CBR4-6XR0.3X6L	6.0	0.3	6	20	60	●	●	●	●
CBR4-6XR0.5X6L	6.0	0.5	6	20	60	●	●	●	●
CBR4-6XR1.0X6L	6.0	1.0	6	20	60	●	●	●	●
CBR4-6XR1.5X6L	6.0	1.5	6	20	60	●	●	●	●
CBR4-8XR0.5X8L	8.0	0.5	8	25	75	●	●	●	●
CBR4-8XR1.0X8L	8.0	1.0	8	25	75	●	●	●	●
CBR4-8XR1.5X8L	8.0	1.5	8	25	75	●	●	●	●
CBR4-8XR2.0X8L	8.0	2.0	8	25	75	●	●	●	●
CBR4-10XR0.5X10L	10	0.5	10	30	90	●	●	●	●
CBR4-10XR1.0X10L	10	1.0	10	30	90	●	●	●	●
CBR4-10XR1.5X10L	10	1.5	10	30	90	●	●	●	●
CBR4-10XR2.0X10L	10	2.0	10	30	90	●	●	●	●
CBR4-10XR3.0X10L	10	3.0	10	30	90	●	●	●	●
CBR4-12XR0.5X12L	12	0.5	12	30	100	●	●	●	●
CBR4-12XR1.0X12L	12	1.0	12	30	100	●	●	●	●
CBR4-12XR1.5X12L	12	1.5	12	30	100	●	●	●	●
CBR4-12XR2.0X12L	12	2.0	12	30	100	●	●	●	●
CBR4-12XR3.0X12L	12	3.0	12	30	100	●	●	●	●

COMMON CUT

Sample

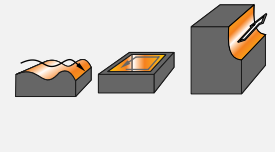


Work Mode



2T-Carbide Ball Nose End Mills

Standard Length

COMMON CUT	CODE	d(mm)	R(mm)	D(mm)	L1(mm)	L(mm)	Material			
							KVS	KVW	KVL	KVB
	CAB2-0.15RX4	0.3	0.15	4	0.3	50	●	●	●	●
	CAB2-0.2RX4	0.4	0.20	4	0.4	50	●	●	●	●
	CAB2-0.25RX4	0.5	0.25	4	0.5	50	●	●	●	●
	CAB2-0.3RX4	0.6	0.30	4	0.6	50	●	●	●	●
	CAB2-0.4RX4	0.8	0.40	4	0.8	50	●	●	●	●
	CAB2-0.5RX4	1.0	0.50	4	2.5	50	●	●	●	●
	CAB2-0.75RX4	1.5	0.75	4	4.0	50	●	●	●	●
	CAB2-1.0RX4	2.0	1.0	4	5.0	50	●	●	●	●
	CAB2-1.25RX4	2.5	1.25	4	6.0	50	●	●	●	●
	CAB2-1.5RX4	3.0	1.5	4	6.0	50	●	●	●	●
	CAB2-2.0RX4	4.0	2.0	4	8.0	50	●	●	●	●
	CAB2-2.0RX6	4.0	2.0	6	8.0	50	●	●	●	●
	CAB2-2.5RX6	5.0	2.5	6	12.0	50	●	●	●	●
	CAB2-3.0RX6	6.0	3.0	6	12.0	50	●	●	●	●
	CAB2-3.5RX8	7.0	3.5	8	14.0	60	●	●	●	●
	CAB2-4.0RX8	8.0	4.0	8	14.0	60	●	●	●	●
	CAB2-4.5RX10	9.0	4.5	10	18.0	72	●	●	●	●
	CAB2-5.0RX10	10.0	5.0	10	18.0	72	●	●	●	●
	CAB2-6.0RX12	12.0	6.0	12	22.0	75	●	●	●	●
	CAB2-7.0RX16	14.0	7.0	16	26.0	100	●	●	●	●
	CAB2-8.0RX16	16.0	8.0	16	30.0	100	●	●	●	●
	CAB2-10RX20	20.0	10.0	20	38.0	100	●	●	●	●
Work Mode										

Long Length

CODE	d(mm)	R(mm)	D(mm)	L1(mm)	L(mm)	Material			
						KVS	KVW	KVL	KVB
CAB2-2X6L	2.0	1.0	6	8	60	●	●	●	●
CAB2-3X6L	3.0	1.5	6	12	70	●	●	●	●
CAB2-4X6L	4.0	2.0	6	15	70	●	●	●	●
CAB2-5X6L	5.0	2.5	6	20	80	●	●	●	●
CAB2-6X6L	6.0	3.0	6	20	80	●	●	●	●
CAB2-7X8L	7.0	3.5	8	25	90	●	●	●	●
CAB2-8X8L	8.0	4.0	8	25	90	●	●	●	●
CAB2-9X10L	9.0	4.5	10	30	100	●	●	●	●
CAB2-10X10L	10.0	5.0	10	30	100	●	●	●	●
CAB2-12X12L	12.0	6.0	12	35	110	●	●	●	●
CAB2-16X16L	16.0	8.0	16	50	140	●	●	●	●
CAB2-20X20L	20.0	10.0	20	55	160	●	●	●	●

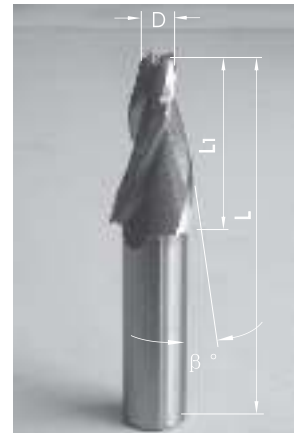
2T-Carbide Taper End Mills

Standard Length

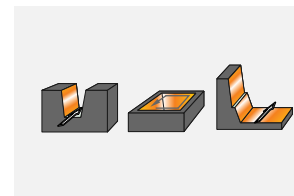
CODE	D(mm)	β°	d(mm)	L1(mm)	L(mm)	Material			
						KVS	KVW	KVL	KVB
CTA2-1.0X4-0.5°	1.0	0.5°	4	4	45	●	●	●	●
CTA2-1.0X4-1°	1.0	1.0°	4	4	45	●	●	●	●
CTA2-1.0X4-1.5°	1.0	1.5°	4	4	45	●	●	●	●
CTA2-1.0X4-2°	1.0	2.0°	4	4	45	●	●	●	●
CTA2-1.0X4-2.5°	1.0	2.5°	4	4	45	●	●	●	●
CTA2-1.0X4-3°	1.0	3.0°	4	4	45	●	●	●	●
CTA2-1.0X4-4°	1.0	4.0°	4	4	45	●	●	●	●
CTA2-1.0X4-5°	1.0	5.0°	4	4	45	●	●	●	●
CTA2-1.0X4-6°	1.0	6.0°	4	4	45	●	●	●	●
CTA2-1.0X4-7°	1.0	7.0°	4	4	45	●	●	●	●
CTA2-1.0X4-10°	1.0	10.0°	4	4	45	●	●	●	●
CTA2-1.5X4-0.5°	1.5	0.5°	4	5	45	●	●	●	●
CTA2-1.5X4-1°	1.5	1.0°	4	5	45	●	●	●	●
CTA2-1.5X4-1.5°	1.5	1.5°	4	5	45	●	●	●	●
CTA2-1.5X4-2°	1.5	2.0°	4	5	45	●	●	●	●
CTA2-1.5X4-2.5°	1.5	2.5°	4	5	45	●	●	●	●
CTA2-1.5X4-3°	1.5	3.0°	4	5	45	●	●	●	●
CTA2-1.5X4-4°	1.5	4.0°	4	5	45	●	●	●	●
CTA2-1.5X4-5°	1.5	5.0°	4	5	45	●	●	●	●
CTA2-1.5X4-6°	1.5	6.0°	4	5	45	●	●	●	●
CTA2-1.5X4-7°	1.5	7.0°	4	5	45	●	●	●	●
CTA2-1.5X4-10°	1.5	10.0°	4	5	45	●	●	●	●
CTA2-2.0X4-0.5°	2.0	0.5°	4	6	45	●	●	●	●
CTA2-2.0X4-1°	2.0	1.0°	4	6	45	●	●	●	●
CTA2-2.0X4-1.5°	2.0	1.5°	4	6	45	●	●	●	●
CTA2-2.0X4-2°	2.0	2.0°	4	6	45	●	●	●	●
CTA2-2.0X4-2.5°	2.0	2.5°	4	6	45	●	●	●	●
CTA2-2.0X4-3°	2.0	3.0°	4	6	45	●	●	●	●
CTA2-2.0X4-4°	2.0	4.0°	4	6	45	●	●	●	●
CTA2-2.0X4-5°	2.0	5.0°	4	6	45	●	●	●	●
CTA2-2.0X4-6°	2.0	6.0°	4	6	45	●	●	●	●
CTA2-2.0X4-7°	2.0	7.0°	4	6	45	●	●	●	●
CTA2-2.0X4-10°	2.0	10.0°	4	6	50	●	●	●	●
CTA2-2.5X4-0.5°	2.5	0.5°	4	8	45	●	●	●	●
CTA2-2.5X4-1°	2.5	1.0°	4	8	45	●	●	●	●
CTA2-2.5X4-1.5°	2.5	1.5°	4	8	45	●	●	●	●
CTA2-2.5X4-2°	2.5	2.0°	4	8	45	●	●	●	●
CTA2-2.5X4-2.5°	2.5	2.5°	4	8	45	●	●	●	●
CTA2-2.5X4-3°	2.5	3.0°	4	8	45	●	●	●	●
CTA2-2.5X4-4°	2.5	4.0°	4	8	45	●	●	●	●
CTA2-2.5X4-5°	2.5	5.0°	4	8	45	●	●	●	●
CTA2-2.5X6-6°	2.5	6.0°	6	8	50	●	●	●	●
CTA2-2.5X6-7°	2.5	7.0°	6	8	50	●	●	●	●
CTA2-2.5X6-10°	2.5	10.0°	6	8	50	●	●	●	●

TAPER CUTTING

Sample

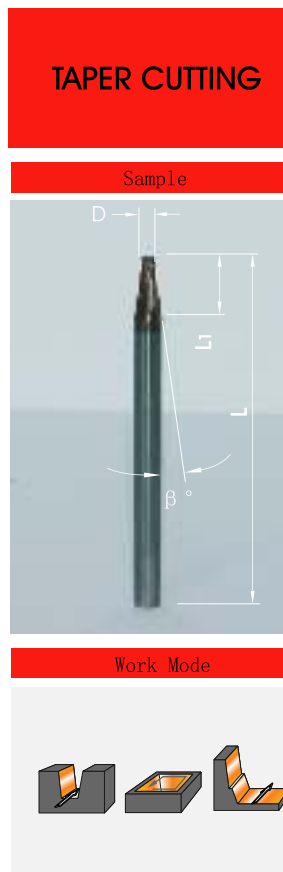


Work Mode



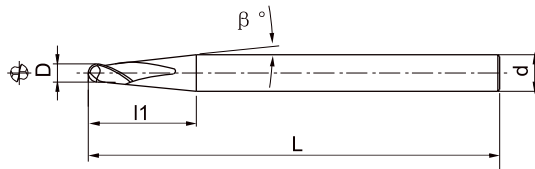
2T-Carbide Taper End Mills

Standard Length



CODE	D(mm)	β°	d(mm)	L1(mm)	L(mm)	Material			
						KVS	KVW	KVL	KVB
CTA2-3.0X6-0.5°	3	0.5°	6	10	50	●	●	●	●
CTA2-3.0X6-1°	3	1.0°	6	10	50	●	●	●	●
CTA2-3.0X6-1.5°	3	1.5°	6	10	50	●	●	●	●
CTA2-3.0X6-2°	3	2.0°	6	10	50	●	●	●	●
CTA2-3.0X6-2.5°	3	2.5°	6	10	50	●	●	●	●
CTA2-3.0X6-3°	3	3.0°	6	10	50	●	●	●	●
CTA2-3.0X6-4°	3	4.0°	6	10	60	●	●	●	●
CTA2-3.0X6-5°	3	5.0°	6	10	60	●	●	●	●
CTA2-3.0X6-6°	3	6.0°	6	10	60	●	●	●	●
CTA2-3.0X6-7°	3	7.0°	6	10	60	●	●	●	●
CTA2-3.0X6-10°	3	10.0°	6	10	70	●	●	●	●
CTA2-4.0X6-0.5°	4	0.5°	6	15	60	●	●	●	●
CTA2-4.0X6-1°	4	1.0°	6	15	60	●	●	●	●
CTA2-4.0X6-1.5°	4	1.5°	6	15	60	●	●	●	●
CTA2-4.0X6-2°	4	2.0°	6	15	60	●	●	●	●
CTA2-4.0X6-2.5°	4	2.5°	6	15	60	●	●	●	●
CTA2-4.0X6-3°	4	3.0°	6	15	60	●	●	●	●
CTA2-4.0X8-4°	4	4.0°	8	15	60	●	●	●	●
CTA2-4.0X8-5°	4	5.0°	8	15	60	●	●	●	●
CTA2-4.0X8-6°	4	6.0°	8	15	70	●	●	●	●
CTA2-4.0X8-7°	4	7.0°	8	15	70	●	●	●	●
CTA2-4.0X8-10°	4	10.0°	8	15	75	●	●	●	●
CTA2-6.0X8-0.5°	6	0.5°	8	20	60	●	●	●	●
CTA2-6.0X8-1°	6	1.0°	8	20	60	●	●	●	●
CTA2-6.0X8-1.5°	6	1.5°	8	20	60	●	●	●	●
CTA2-6.0X8-2°	6	2.0°	8	20	60	●	●	●	●
CTA2-6.0X8-2.5°	6	2.5°	8	20	60	●	●	●	●
CTA2-6.0X8-3°	6	3.0°	8	20	60	●	●	●	●
CTA2-6.0X8-4°	6	4.0°	8	20	70	●	●	●	●
CTA2-6.0X10-5°	6	5.0°	10	20	70	●	●	●	●
CTA2-6.0X12-6°	6	6.0°	12	20	80	●	●	●	●
CTA2-6.0X12-7°	6	7.0°	12	20	80	●	●	●	●
CTA2-6.0X12-10°	6	10.0°	12	20	80	●	●	●	●
CTA2-8.0X10-0.5°	8	0.5°	10	25	70	●	●	●	●
CTA2-8.0X10-1°	8	1.0°	10	25	70	●	●	●	●
CTA2-8.0X10-1.5°	8	1.5°	10	25	70	●	●	●	●
CTA2-8.0X10-2°	8	2.0°	10	25	70	●	●	●	●
CTA2-8.0X10-2.5°	8	2.5°	10	25	70	●	●	●	●
CTA2-8.0X12-3°	8	3.0°	12	25	75	●	●	●	●
CTA2-8.0X12-5°	8	5.0°	12	25	90	●	●	●	●
CTA2-10X10-0.5°	10	0.5°	10	35	90	●	●	●	●
CTA2-10X10-1°	10	1.0°	10	35	90	●	●	●	●
CTA2-10X10-1.5°	10	1.5°	10	35	90	●	●	●	●
CTA2-10X12-2°	10	2.0°	12	35	90	●	●	●	●
CTA2-10X12-2.5°	10	2.5°	12	35	90	●	●	●	●
CTA2-10X12-3°	10	3.0°	12	35	90	●	●	●	●
CTA2-10X12-4°	10	4.0°	12	35	90	●	●	●	●
CTA2-10X12-5°	10	5.0°	12	35	110	●	●	●	●

2T-Carbide Ball Nose End Mills With Taper Neck

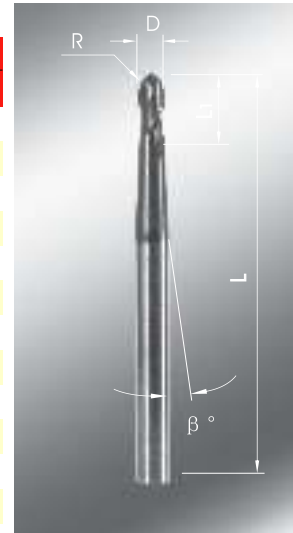


Standard Length

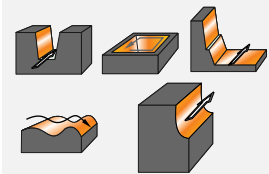
CODE	d(mm)	β °	D(mm)	L1(mm)	L(mm)	Material			
						KVS	KVW	KVL	KVB
CTX2-R0.5X6-1.5°	1.0XR0.5	1.5°	6	2	60	●	●	●	●
CTX2-R0.5X6-3°	1.0XR0.5	3°	6	2	80	●	●	●	●
CTX2-R0.5X6-5°	1.0XR0.5	5°	6	2	60	●	●	●	●
CTX2-R1.0X6-1.5°	2.0XR1.0	1.5°	6	4	60	●	●	●	●
CTX2-R1.0X6-3°	2.0XR1.0	3°	6	4	80	●	●	●	●
CTX2-R1.0X6-5°	2.0XR1.0	5°	6	4	60	●	●	●	●
CTX2-R1.5X6-1.5°	3.0XR1.5	1.5°	6	6	90	●	●	●	●
CTX2-R1.5X6-3°	3.0XR1.5	3°	6	6	70	●	●	●	●
CTX2-R2.0X6-1.5°	4.0XR2.0	1.5°	6	8	90	●	●	●	●
CTX2-R2.0X6-3°	4.0XR2.0	3°	6	8	70	●	●	●	●
CTX2-R2.5X6-1.5°	5.0XR2.5	1.5°	6	10	110	●	●	●	●
CTX2-R2.5X6-3°	5.0XR2.5	3°	6	10	90	●	●	●	●
CTX2-R3.0X6-1.5°	6.0XR3.0	1.5°	6	12	110	●	●	●	●
CTX2-R3.0X6-3°	6.0XR3.0	3°	6	12	90	●	●	●	●
CTX2-R4.0X8-1.5°	8.0XR4.0	1.5°	8	14	120	●	●	●	●
CTX2-R4.0X8-3°	8.0XR4.0	3°	8	14	100	●	●	●	●
CTX2-R5.0X10-1.5°	10XR5.0	1.5°	10	18	130	●	●	●	●
CTX2-R5.0X10-3°	10XR5.0	3°	10	18	110	●	●	●	●
CTX2-R6.0X12-1.5°	12XR6.0	1.5°	12	22	160	●	●	●	●
CTX2-R6.0X12-3°	12XR6.0	3°	12	22	140	●	●	●	●

TAPER CUTTING

Sample



Work Mode



Material	work material hardness	Applicable materials
KVS	<50HRC	General steel alloy steel mold steel
KVW	<55HRC	General steel alloy steel mold steel
KVL	<60HRC	General steel alloy steel mold steel
KVB	<60HRC	Stainless steel
KHR	<65HRC	High hard , heat treatment materials
K10		Aluminun
K20		Aluminun

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