



sandvik.coromant.com/coromillplura





CoroMill® Plura conical ball nose

Navigating tough profiling spots with precision

CoroMill® Plura conical ball nose combines a tapered design with a ball nose feature. This combination enables reach into the toughest spots with unmatched accuracy and high quality.

Application

- Flank milling or point milling operations with difficult accessibility, e.g. blade fillet radii or impeller blade flank milling
- Semi-finishing to finishing operations
- Primary workpiece area is ISO S (titanium and HRSA)
- Secondary workpiece areas are ISO M (stainless steel), ISO P (steel) and ISO H (hardened steel)

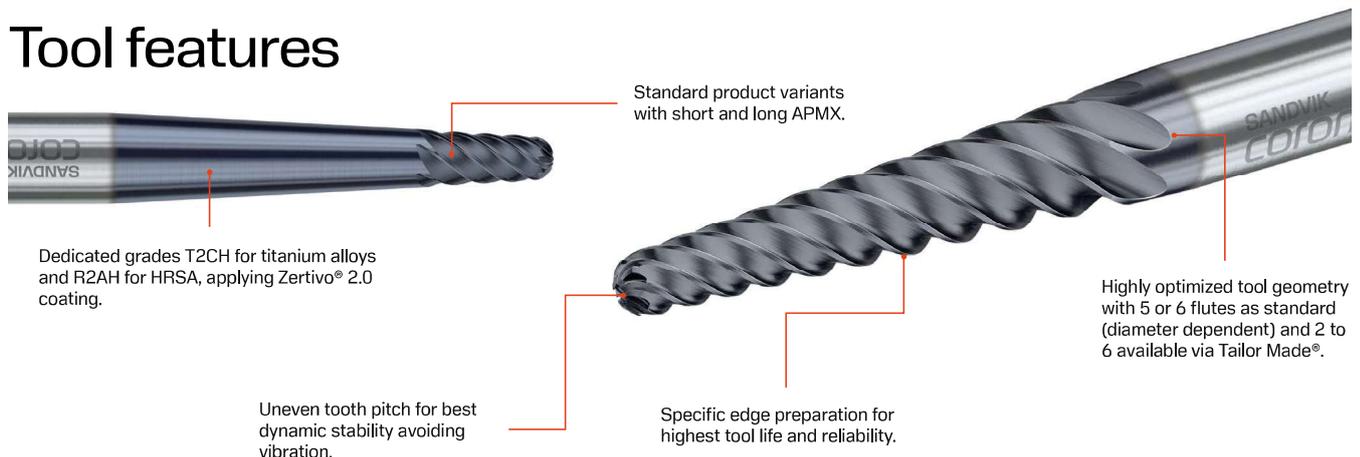
Features and benefits

- Multiple flutes enable higher feed rates and increased productivity
- Tapered design provides larger cutting-edge contact for improved surface quality
- High-performing grades ensure process security and reduced cost per part



ISO application areas

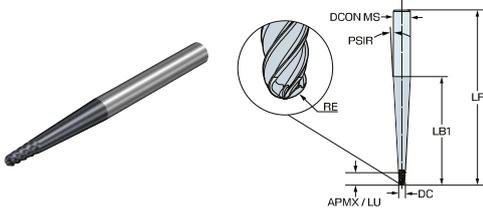
Tool features





CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for titanium



Common data values

FHA [deg]	TCDCON	TCDC	PSIR [deg]
42.00	h6	h10	3.00

Metric (mm)



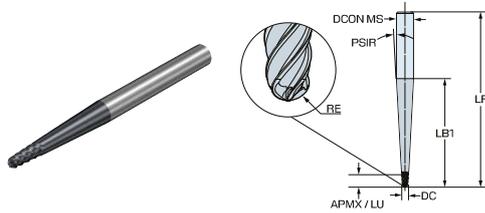
Ordering code	Material			DC [mm]	RE [mm]	ZEFP	APMX [mm]	LU [mm]	LF [mm]	DCON _{MS} [mm]	LB ₁ [mm]
	T2CH	T2CH	T2CH								
2T345-0300-TA0600	○	○	●	3.00	1.5	5	7.5	7.50	70.00	6.00	30.1
2T345-0300-TA0800	○	○	●	3.00	1.5	5	8.0	8.00	90.00	8.00	49.2
2T345-0300-TA1000	○	○	●	3.00	1.5	5	10.0	10.00	110.00	10.00	68.2
2T346-0400-TA0600	○	○	●	4.00	2.0	6	10.0	10.00	70.00	6.00	21.0
2T346-0400-TA0800	○	○	●	4.00	2.0	6	10.0	10.00	90.00	8.00	40.1
2T346-0400-TA1000	○	○	●	4.00	2.0	6	10.0	10.00	110.00	10.00	59.2
2T346-0400-TA1200	○	○	●	4.00	2.0	6	12.0	12.00	125.00	12.00	78.3
2T346-0500-TA0800	○	○	●	5.00	2.5	6	12.5	12.50	90.00	8.00	31.1
2T346-0500-TA1000	○	○	●	5.00	2.5	6	12.5	12.50	110.00	10.00	50.1
2T346-0500-TA1200	○	○	●	5.00	2.5	6	12.5	12.50	125.00	12.00	69.2
2T346-0600-TA1000	○	○	●	6.00	3.0	6	15.0	15.00	110.00	10.00	41.1
2T346-0600-TA1200	○	○	●	6.00	3.0	6	15.0	15.00	125.00	12.00	60.2
2T346-0800-TA1200	○	○	●	8.00	4.0	6	20.0	20.00	125.00	12.00	42.1
2T346-1000-TA1200	○	○	●	10.00	5.0	6	22.0	22.00	125.00	12.00	24.0

● = First choice ○ = Good choice



CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for titanium



Common data values

FHA [deg]	TCDCON	TCDC	PSIR [deg]
42.000	h6	h10	3.000

Imperial (inch)

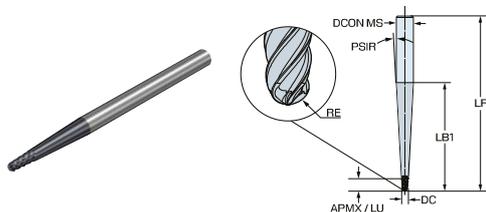
Ordering code				DC [inch]	RE [inch]	ZEFP	APMX [inch]	LU [inch]	LF [inch]	DCON _{MS} [inch]	LB ₁ [inch]
	T2CH	T2CH	T2CH								
2T345-0318-TA0635	○	○	●	0.125	0.063	5	0.313	0.313	3.000	0.250	1.253
2T345-0318-TA0953	○	○	●	0.125	0.063	5	0.375	0.375	4.250	0.375	2.446
2T346-0476-TA0953	○	○	●	0.188	0.094	6	0.469	0.469	4.250	0.375	1.880
2T346-0476-TA1270	○	○	●	0.188	0.094	6	0.500	0.500	5.000	0.500	3.073
2T346-0635-TA0953	○	○	●	0.250	0.125	6	0.625	0.625	4.250	0.375	1.314
2T346-0635-TA1270	○	○	●	0.250	0.125	6	0.625	0.625	5.000	0.500	2.507
2T346-0794-TA1270	○	○	●	0.313	0.156	6	0.781	0.781	5.000	0.500	1.941

● = First choice ○ = Good choice



CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for titanium



Common data values

FHA [deg]	TCDCON	TCDC	PSIR [deg]
42.00	h6	h10	3.00

Metric (mm)



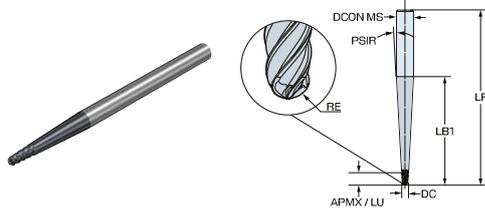
Ordering code	Material			DC [mm]	RE [mm]	ZEFP	APMX [mm]	LU [mm]	LF [mm]	DCON _{MS} [mm]	LB ₁ [mm]
	T2CH	T2CH	T2CH								
2T345-0300-TE0600	○	○	●	3.00	1.5	5	7.5	7.50	100.00	6.00	30.1
2T345-0300-TE0800	○	○	●	3.00	1.5	5	8.0	8.00	120.00	8.00	49.2
2T345-0300-TE1000	○	○	●	3.00	1.5	5	10.0	10.00	140.00	10.00	68.2
2T346-0400-TE0600	○	○	●	4.00	2.0	6	10.0	10.00	100.00	6.00	21.0
2T346-0400-TE0800	○	○	●	4.00	2.0	6	10.0	10.00	120.00	8.00	40.1
2T346-0400-TE1000	○	○	●	4.00	2.0	6	10.0	10.00	140.00	10.00	59.2
2T346-0400-TE1200	○	○	●	4.00	2.0	6	12.0	12.00	155.00	12.00	78.3
2T346-0500-TE0800	○	○	●	5.00	2.5	6	12.5	12.50	120.00	8.00	31.1
2T346-0500-TE1000	○	○	●	5.00	2.5	6	12.5	12.50	140.00	10.00	50.1
2T346-0500-TE1200	○	○	●	5.00	2.5	6	12.5	12.50	155.00	12.00	69.2
2T346-0600-TE1000	○	○	●	6.00	3.0	6	15.0	15.00	140.00	10.00	41.1
2T346-0600-TE1200	○	○	●	6.00	3.0	6	15.0	15.00	155.00	12.00	60.2
2T346-0800-TE1200	○	○	●	8.00	4.0	6	20.0	20.00	155.00	12.00	42.1
2T346-1000-TE1200	○	○	●	10.00	5.0	6	22.0	22.00	155.00	12.00	24.0

● = First choice ○ = Good choice



CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for titanium



Common data values

FHA [deg]	TCDCON	TCDC	PSIR [deg]
42.000	h6	h10	3.000

Imperial (inch)

	P	M	S
T2CH	○	○	●
T2CH	○	○	●
T2CH	○	○	●
DC [inch]	○	○	●
RE [inch]	○	○	●
ZEFP	○	○	●
APMX [inch]	○	○	●
LU [inch]	○	○	●
LF [inch]	○	○	●
DCON _{MS} [inch]	○	○	●
LB ₁ [inch]	○	○	●

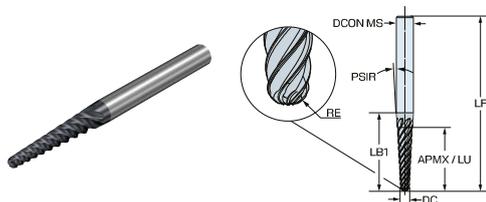
Ordering code	T2CH	T2CH	T2CH	DC [inch]	RE [inch]	ZEFP	APMX [inch]	LU [inch]	LF [inch]	DCON _{MS} [inch]	LB ₁ [inch]
2T345-0318-TE0635	○	○	●	0.125	0.063	5	0.313	0.313	4.000	0.250	1.253
2T345-0318-TE0953	○	○	●	0.125	0.063	5	0.375	0.375	5.500	0.375	2.446
2T346-0476-TE0953	○	○	●	0.188	0.094	6	0.469	0.469	5.500	0.375	1.880
2T346-0476-TE1270	○	○	●	0.188	0.094	6	0.500	0.500	6.000	0.500	3.073
2T346-0635-TE0953	○	○	●	0.250	0.125	6	0.625	0.625	5.500	0.375	1.314
2T346-0635-TE1270	○	○	●	0.250	0.125	6	0.625	0.625	6.000	0.500	2.507
2T346-0794-TE1270	○	○	●	0.313	0.156	6	0.781	0.781	6.000	0.500	1.941

● = First choice ○ = Good choice



CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for titanium



Common data values

FHA [deg]	TCDCON	TCDC	PSIR [deg]
42.00	h6	h10	3.00

Metric (mm)



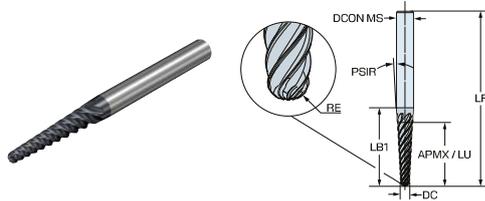
Ordering code	Material			DC [mm]	RE [mm]	ZEFP	APMX [mm]	LU [mm]	LF [mm]	DCON _{MS} [mm]	LB ₁ [mm]
	T2CH	T2CH	T2CH								
2T385-0300-TA0600	○	○	●	3.00	1.5	5	18.0	18.00	70.00	6.00	30.1
2T385-0300-TA0800	○	○	●	3.00	1.5	5	24.0	24.00	90.00	8.00	49.2
2T385-0300-TA1000	○	○	●	3.00	1.5	5	30.0	30.00	110.00	10.00	68.2
2T386-0400-TA0600	○	○	●	4.00	2.0	6	18.0	18.00	70.00	6.00	21.0
2T386-0400-TA0800	○	○	●	4.00	2.0	6	24.0	24.00	90.00	8.00	40.1
2T386-0400-TA1000	○	○	●	4.00	2.0	6	30.0	30.00	110.00	10.00	59.2
2T386-0400-TA1200	○	○	●	4.00	2.0	6	36.0	36.00	125.00	12.00	78.3
2T386-0500-TA0800	○	○	●	5.00	2.5	6	30.0	30.00	90.00	8.00	31.1
2T386-0500-TA1000	○	○	●	5.00	2.5	6	40.0	40.00	110.00	10.00	50.1
2T386-0500-TA1200	○	○	●	5.00	2.5	6	48.0	48.00	125.00	12.00	69.2
2T386-0600-TA1000	○	○	●	6.00	3.0	6	40.0	40.00	110.00	10.00	41.1
2T386-0600-TA1200	○	○	●	6.00	3.0	6	48.0	48.00	125.00	12.00	60.2
2T386-0800-TA1200	○	○	●	8.00	4.0	6	42.0	42.00	125.00	12.00	42.1

● = First choice ○ = Good choice



CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for titanium



Common data values

FHA [deg]	TCDCON	TCDC	PSIR [deg]
42.000	h6	h10	3.000

Imperial (inch)

	P	M	S
T2CH	○	○	●
T2CH	○	○	●
T2CH	○	○	●

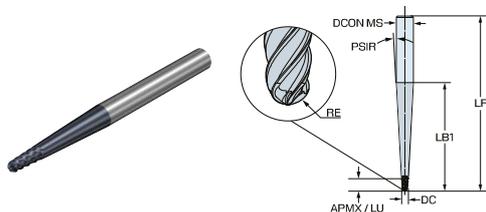
Ordering code	T2CH	T2CH	T2CH	DC [inch]	RE [inch]	ZEFP	APMX [inch]	LU [inch]	LF [inch]	DCON _{MS} [inch]	LB ₁ [inch]
2T385-0318-TA0635	○	○	●	0.125	0.063	5	0.750	0.750	3.000	0.250	1.253
2T385-0318-TA0953	○	○	●	0.125	0.063	5	1.125	1.125	4.250	0.375	2.446
2T386-0476-TA0953	○	○	●	0.188	0.094	6	1.500	1.500	4.250	0.375	1.880
2T386-0476-TA1270	○	○	●	0.188	0.094	6	2.000	2.000	5.000	0.500	3.073
2T386-0635-TA0953	○	○	●	0.250	0.125	6	1.250	1.250	4.250	0.375	1.314
2T386-0635-TA1270	○	○	●	0.250	0.125	6	2.000	2.000	5.000	0.500	2.507
2T386-0794-TA1270	○	○	●	0.313	0.156	6	1.875	1.875	5.000	0.500	1.941

● = First choice ○ = Good choice



CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HRSA)



Common data values

FHA [deg]	TCDCON	TCDC	PSIR [deg]
42.00	h6	h10	3.00

Metric (mm)

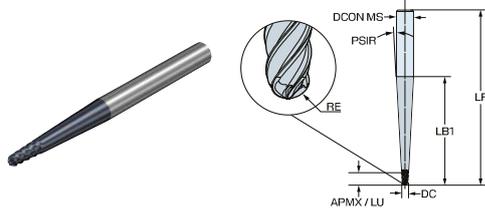
Ordering code	Material			DC [mm]	RE [mm]	ZEFP	APMX [mm]	LU [mm]	LF [mm]	DCON _{MS} [mm]	LB ₁ [mm]
	K	S	H								
2T345-0300-RA0600	○	●	○	3.00	1.5	5	7.5	7.50	70.00	6.00	30.1
2T345-0300-RA0800	○	●	○	3.00	1.5	5	8.0	8.00	90.00	8.00	49.2
2T345-0300-RA1000	○	●	○	3.00	1.5	5	10.0	10.00	110.00	10.00	68.2
2T346-0400-RA0600	○	●	○	4.00	2.0	6	10.0	10.00	70.00	6.00	21.0
2T346-0400-RA0800	○	●	○	4.00	2.0	6	10.0	10.00	90.00	8.00	40.1
2T346-0400-RA1000	○	●	○	4.00	2.0	6	10.0	10.00	110.00	10.00	59.2
2T346-0400-RA1200	○	●	○	4.00	2.0	6	12.0	12.00	125.00	12.00	78.3
2T346-0500-RA0800	○	●	○	5.00	2.5	6	12.5	12.50	90.00	8.00	31.1
2T346-0500-RA1000	○	●	○	5.00	2.5	6	12.5	12.50	110.00	10.00	50.1
2T346-0500-RA1200	○	●	○	5.00	2.5	6	12.5	12.50	125.00	12.00	69.2
2T346-0600-RA1000	○	●	○	6.00	3.0	6	15.0	15.00	110.00	10.00	41.1
2T346-0600-RA1200	○	●	○	6.00	3.0	6	15.0	15.00	125.00	12.00	60.2
2T346-0800-RA1200	○	●	○	8.00	4.0	6	20.0	20.00	125.00	12.00	42.1
2T346-1000-RA1200	○	●	○	10.00	5.0	6	22.0	22.00	125.00	12.00	24.0

● = First choice ○ = Good choice



CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HRSA)



Common data values

FHA [deg]	TCDCON	TCDC	PSIR [deg]
42.000	h6	h10	3.000

Imperial (inch)

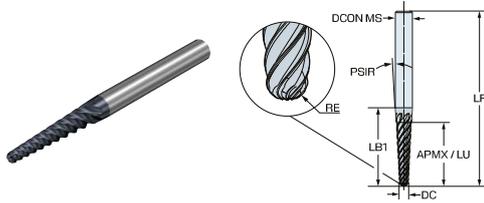
Ordering code	Material			DC [inch]	RE [inch]	ZEFP	APMX [inch]	LU [inch]	LF [inch]	DCON _{MS} [inch]	LB ₁ [inch]
	R2AH	R2AH	R2AH								
2T345-0318-RA0635	○	●	○	0.125	0.063	5	0.313	0.313	3.000	0.250	1.253
2T345-0318-RA0953	○	●	○	0.125	0.063	5	0.375	0.375	4.250	0.375	2.446
2T346-0476-RA0953	○	●	○	0.188	0.094	6	0.469	0.469	4.250	0.375	1.880
2T346-0476-RA1270	○	●	○	0.188	0.094	6	0.500	0.500	5.000	0.500	3.073
2T346-0635-RA0953	○	●	○	0.250	0.125	6	0.625	0.625	4.250	0.375	1.314
2T346-0635-RA1270	○	●	○	0.250	0.125	6	0.625	0.625	5.000	0.500	2.507
2T346-0794-RA1270	○	●	○	0.313	0.156	6	0.781	0.781	5.000	0.500	1.941

● = First choice ○ = Good choice



CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HRSA)



Common data values

FHA [deg]	TCDCON	TCDC	PSIR [deg]
42.00	h6	h10	3.00

Metric (mm)



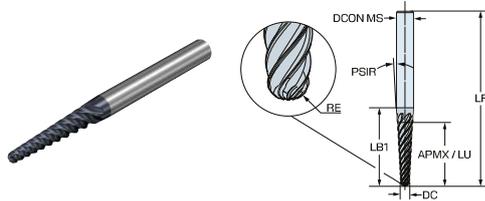
Ordering code				DC [mm]	RE [mm]	ZEFP	APMX [mm]	LU [mm]	LF [mm]	DCON _{MS} [mm]	LB ₁ [mm]
	R2AH	R2AH	R2AH								
2T385-0300-RA0600	○	●	○	3.00	1.5	5	18.0	18.00	70.00	6.00	30.1
2T385-0300-RA0800	○	●	○	3.00	1.5	5	24.0	24.00	90.00	8.00	49.2
2T385-0300-RA1000	○	●	○	3.00	1.5	5	30.0	30.00	110.00	10.00	68.2
2T386-0400-RA0600	○	●	○	4.00	2.0	6	18.0	18.00	70.00	6.00	21.0
2T386-0400-RA0800	○	●	○	4.00	2.0	6	24.0	24.00	90.00	8.00	40.1
2T386-0400-RA1000	○	●	○	4.00	2.0	6	30.0	30.00	110.00	10.00	59.2
2T386-0400-RA1200	○	●	○	4.00	2.0	6	36.0	36.00	125.00	12.00	78.3
2T386-0500-RA0800	○	●	○	5.00	2.5	6	30.0	30.00	90.00	8.00	31.1
2T386-0500-RA1000	○	●	○	5.00	2.5	6	40.0	40.00	110.00	10.00	50.1
2T386-0500-RA1200	○	●	○	5.00	2.5	6	48.0	48.00	125.00	12.00	69.2
2T386-0600-RA1000	○	●	○	6.00	3.0	6	40.0	40.00	110.00	10.00	41.1
2T386-0600-RA1200	○	●	○	6.00	3.0	6	48.0	48.00	125.00	12.00	60.2
2T386-0800-RA1200	○	●	○	8.00	4.0	6	42.0	42.00	125.00	12.00	42.1

● = First choice ○ = Good choice



CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HRSA)



Common data values

FHA [deg]	TCDCON	TCDC	PSIR [deg]
42.000	h6	h10	3.000

Imperial (inch)

Ordering code	Material			DC [inch]	RE [inch]	ZEFP	APMX [inch]	LU [inch]	LF [inch]	DCON _{MS} [inch]	LB ₁ [inch]
	R2AH	R2AH	R2AH								
2T385-0318-RA0635	○	●	○	0.125	0.063	5	0.750	0.750	3.000	0.250	1.253
2T385-0318-RA0953	○	●	○	0.125	0.063	5	1.125	1.125	4.250	0.375	2.446
2T386-0476-RA0953	○	●	○	0.188	0.094	6	1.500	1.500	4.250	0.375	1.880
2T386-0476-RA1270	○	●	○	0.188	0.094	6	2.000	2.000	5.000	0.500	3.073
2T386-0635-RA0953	○	●	○	0.250	0.125	6	1.250	1.250	4.250	0.375	1.314
2T386-0635-RA1270	○	●	○	0.250	0.125	6	2.000	2.000	5.000	0.500	2.507
2T386-0794-RA1270	○	●	○	0.313	0.156	6	1.875	1.875	5.000	0.500	1.941

● = First choice ○ = Good choice