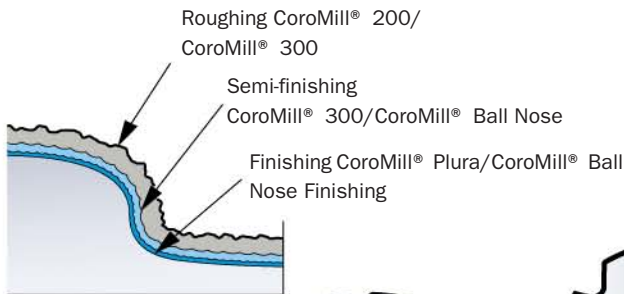


# CoroMill® 300

## Light cutting face and profile milling cutters

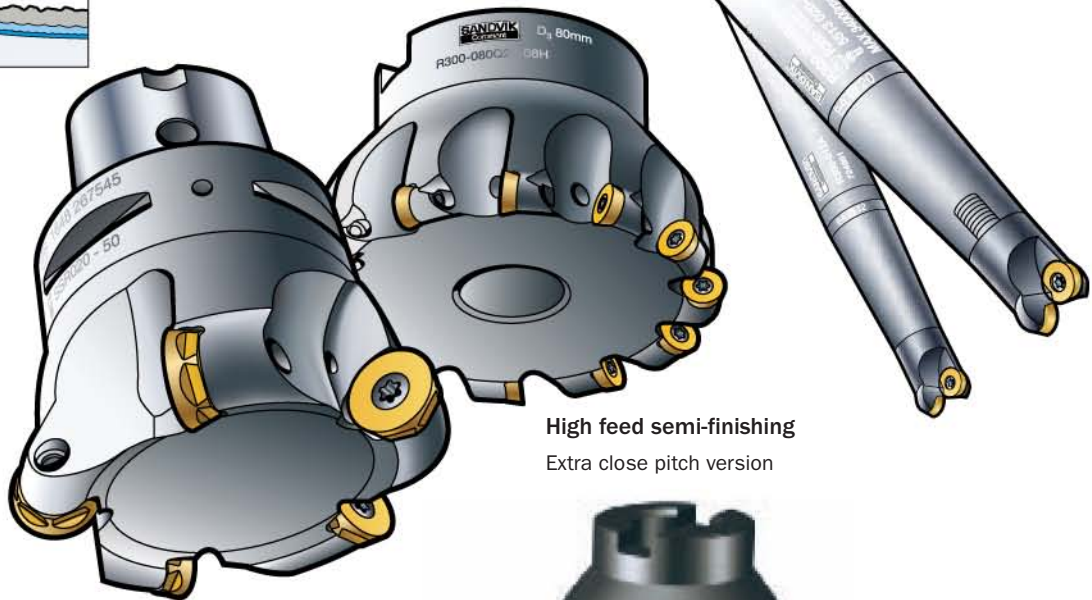
Versatile concept for roughing to high feed semi-finishing



Roughing CoroMill® 200/  
CoroMill® 300

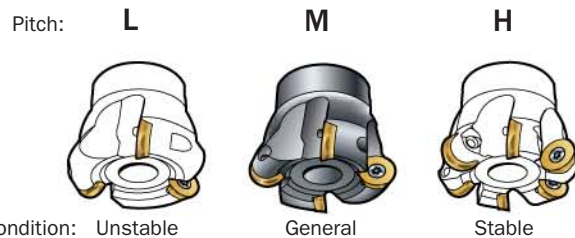
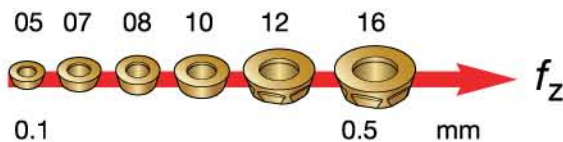
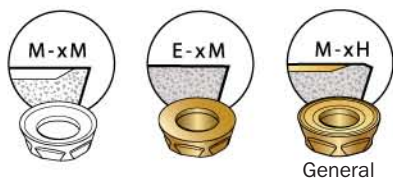
Semi-finishing  
CoroMill® 300/CoroMill® Ball Nose

Finishing CoroMill® Plura/CoroMill® Ball  
Nose Finishing



High feed semi-finishing  
Extra close pitch version

Geometries:



ISO application areas:



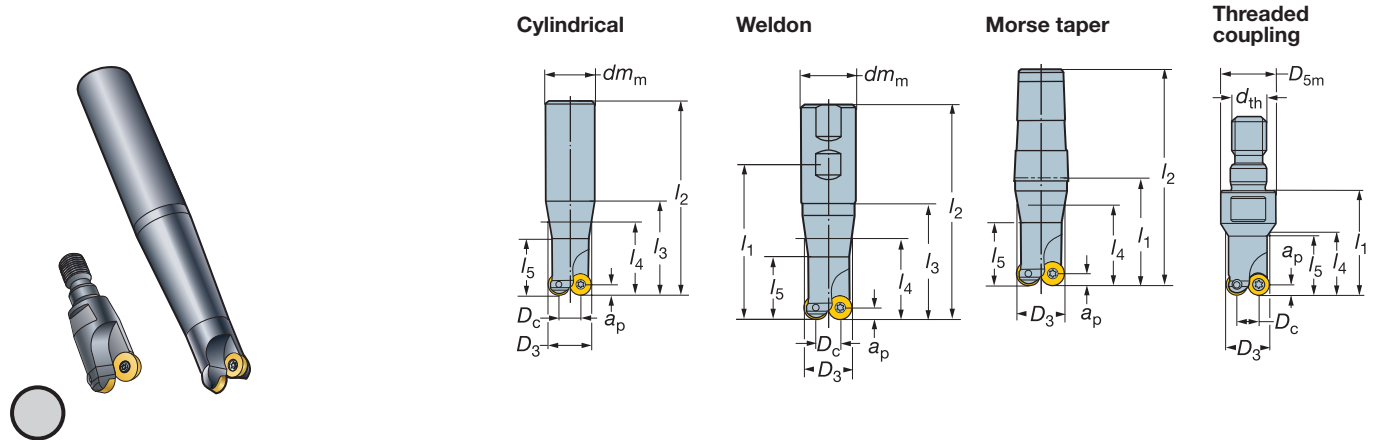
*Tailor Made*

Tool options designed to individual customer requirements are available. For information on our Tailor Made program see page I2

# Facemill with round inserts, neutral design

Diameter 10 – 42 mm

Neutral design



$l_1$  = programming length

	$\frac{O_{lim}}{g}$	$\frac{U}{g}$	$D_3$	Ordering code			Dimensions, mm											Max $a_p^{3)}$	$n_{max}^{2)}$
				Coarse pitch	Close pitch	Extra close pitch	$D_c$	$D_{5m}$	$dm_m$	$l_1$	$l_2$	$l_3$	$l_4$	$l_5$	$D_{th}$				
<b>Cylindrical shank</b>																			
05			10	R300-010A16L-05L	2	-	-	-	-	0.3	5	16	160	60	24	18	0.7	15900	
07	20		12	R300-012A16L-07L	2	-	-	-	-	0.3	5	16	200	60	34	20	1	8200	
	24		15	R300-015A20L-07L	2	-	-	-	-	0.5	8	20	200	80	43	25	1.5	11200	
08			16	R300-016A20L-08L	2	-	-	-	-	0.5	8	20	200	80	43	25	1.2	12700	
10			20	R300-020A25L-10L	2	-	-	-	-	1.2	10	25	250	80	43	30	2	8100	
12			25	R300-025A32L-12L	2	-	-	-	-	1.8	13	32	250	80	41	30	5	15800	
<b>Morse taper</b>																			
07	20		12	R300-012E02L-07L	2	-	-	-	-	0.1	5	2	60	124	34	20	1	34000	
	24		15	R300-015E02L-07L	2	-	-	-	-	0.2	8	2	60	124	39	25	1.5	25000	
10			12	R300-020E03L-10L	2	-	-	-	-	0.4	10	3	80	161	43	30	2	34000	
<b>Threaded coupling</b>																			
05			12	-	-	R300-12T08-05M <sup>2)</sup>	3	-	-	0.1	5	12.8	25		17.8	15.1	M8	0.7	
			10	-	-	R300-10T08-05L <sup>2)</sup>	2	-	-	0.1	5	12.8	25		15.7	14.1	M8	0.7	
07	20		12	-	-	R300-12T08-07L <sup>2)</sup>	2	-	-	0.1	5	12.8	25		16.8	14.1	M8	1	
	20		15	-	-	R300-15T08-07M <sup>2)</sup>	3	-	-	0.1	8	12.8	25				M8	1	
	24		15	-	-	R300-15T08-07L <sup>2)</sup>	2	-	-	0.1	8	12.8	25				M8	1.2	
	20		16	-	-	R300-16T08-07M <sup>2)</sup>	3	-	-	0.1	9	12.8	25				M8	1	
08			16	-	-	R300-16T08-08L <sup>2)</sup>	2	-	-	0.1	8	12.8	25				M8	1.5	
			20	-	-	R300-20T10-08M <sup>2)</sup>	3	-	-	0.1	12	17.8	30				M10	1.5	
			25	-	-	R300-25T12-08M <sup>2)</sup>	-	3	-	0.2	17	21	35				M12	4	
			32	-	-	R300-32T16-08M <sup>2)</sup>	-	4	R300-32T16-08H	5	0.2	24	21	45			M16	4	
			40	-	-	R300-40T16-08M <sup>2)</sup>	-	5	R300-40T16-08H	6	0.4	32	21	45			M16	4	
10			20	-	-	R300-20T10-10L <sup>2)</sup>	2	-	-	0.1	10	17.8	30				M10	2	
			25	-	-	R300-25T12-10M <sup>2)</sup>	3	-	-	0.1	15	20.8	35				M12	2	
			25	-	-	R300-25T12-10L <sup>2)</sup>	2	-	-	0.2	15	20.8	35				M12	2	
			32	-	-	-	-	-	R300-32T16-10H <sup>2)</sup>	4	0.4	22	28.8	45			M16	4	
			35	-	-	-	-	-	R300-35T16-10H <sup>2)</sup>	4	0.4	25	28.8	45			M16	4	
			40	-	-	-	-	-	R300-40T16-10H <sup>2)</sup>	5	0.4	30	28.8	45			M16	4	
			42	-	-	-	-	-	R300-42T16-10H <sup>2)</sup>	5	0.4	32	28.8	45			M16	4	
12			32	-	-	R300-32T16-12M <sup>2)</sup>	3	-	-	0.3	20	28.8	45				M16	5	
			35	-	-	R300-35T16-12M <sup>2)</sup>	3	-	-	0.3	23	28.8	45				M16	5	
			40	-	-	R300-40T16-12M <sup>2)</sup>	4	-	-	0.4	28	28.8	45				M16	5	
			42	-	-	R300-42T16-12M <sup>2)</sup>	4	-	-	0.3	30	28.8	45				M16	5	
<b>Weldon</b>																			
07	20		12	R300-012B16L-07L	2	-	-	-	-	0.1	5	16	85	109	60	34	20	1	34000
	24		15	R300-015B20L-07L	2	-	-	-	-	0.3	8	20	106	131	80	43	25	1.5	25000
08			16	R300-016B20L-08L	2	-	-	-	-	0.3	8	20	106	131	80	43	25	1.2	24700
10			20	R300-020B25L-10L	2	-	-	-	-	0.5	10	25	105	137	80	43	30	2	34000
12			25	R300-025B32L-12L	2	-	-	-	-	0.8	13	32	105	141	80	41	30	5	20200

1) Inserts are ordered separately.

2) Max. rpm values,  $n_{max}$ , are not given for Modular design as they are always used with long extensions.

3) The theoretical maximum  $a_p$  for CoroMill 300 is half the diameter of the insert. This should be used only at very small  $a_e$ .

Ordering example: 2 pieces R300-010A16L-05L

⊕ = Even pitch

⊖ = Differential pitch



D58



D59



G3

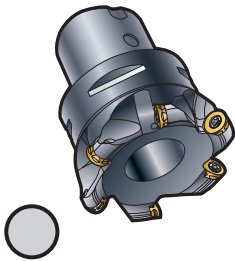


D2

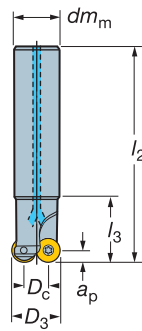
# Facemill with round inserts, positive design

Diameter 25 – 125 mm

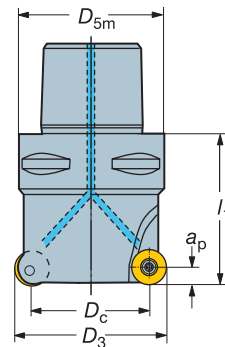
Positive design



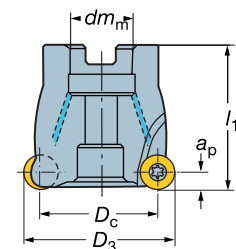
Cylindrical



Coromant Capto®



Arbor



$l_1$  = programming length

$\varnothing_{L_1}$	$D_3$	Ordering code						Dimensions, mm								Max $a_p$	$n_{max}^{(2)}$		
		Coarse pitch		Close pitch		Extra close pitch		$\varnothing_{NO}$	$l_1$	$l_2$	$l_3$	$D_c$	$D_{5m}$	$dm_m$					
<b>Coromant Capto</b>																			
08	35	-	-	-	-	R300-035C3-08M	-	4	-	-	0.3	40	-	-	27	-	4	33800	
	42	-	-	-	-	-	-	-	6	-	0.5	45	-	-	34	-	4	29800	
	52	-	-	-	-	-	-	-	8	-	1.0	50	-	-	44	-	4	26100	
	66	-	-	-	-	-	-	-	10	-	1.7	50	-	-	58	-	4	23100	
	80	-	-	-	-	-	-	-	12	-	1.8	50	-	-	72	-	4	20500	
10	35	-	-	-	-	-	-	-	4	-	0.4	43	-	-	25	-	5	33700	
	42	-	-	-	-	-	-	-	5	-	0.5	50	-	-	32	-	5	32900	
12	35	-	-	-	-	R300-035C3-12M	-	3	4	-	0.2	40	-	-	23	-	6	32900	
	42	-	-	-	-	R300-042C4-12M	-	3	4	-	0.6	50	-	-	30	-	6	28300	
	52	R300-052C5-12L	-	3	R300-052C5-12M	-	4	R300-052C5-12H	5	-	1.0	50	-	-	40	-	6	24000	
	66	R300-066C6-12L	-	4	R300-066C6-12M	-	5	R300-066C6-12H	7	-	1.7	50	-	-	54	-	6	21700	
	80	-	-	-	R300-080C6-12M	-	6	R300-080C6-12H	8	-	1.7	50	-	-	68	-	6	18900	
16	52	R300-052C5-16L	-	3	R300-052C5-16M	-	4	R300-052C5-16H	5	-	1.0	60	-	-	36	-	8	20600	
	66	R300-066C6-16L	-	4	R300-066C6-16M	-	5	R300-066C6-16H	6	-	1.8	60	-	-	50	-	8	17600	
	80	-	-	-	R300-080C6-16M	-	5	R300-080C6-16H	7	-	2.0	60	-	-	64	-	8	15400	
<b>Arbor</b>																			
08	40	-	-	-	R300-040Q16-08M	-	5	R300-040Q16-08H	6	-	0.4	40	-	-	32	-	16	4	30800
	50	-	-	-	-	-	-	R300-050Q22-08H	8	-	0.8	50	-	-	42	-	22	4	26700
	52	-	-	-	-	-	-	R300-052Q22-08H	8	-	0.8	50	-	-	44	-	22	4	26100
	63	-	-	-	R300-063Q22-08H	-	-	-	10	-	0.9	50	-	-	55	-	22	4	23700
	80	-	-	-	-	-	-	R300-080Q27-08H	12	-	1.2	50	-	-	72	-	27	4	20500
12	50	R300-050Q22-12L	-	3	R300-050Q22-12M	-	4	R300-050Q22-12H	5	-	0.9	50	-	-	38	-	22	6	25000
	52	R300-052Q22-12L	-	3	R300-052Q22-12M	-	4	R300-052Q22-12H	5	-	0.9	50	-	-	40	-	22	6	24400
	63	R300-063Q22-12L	-	4	R300-063Q22-12M	-	5	R300-063Q22-12H	7	-	0.9	50	-	-	51	-	22	6	22100
	80	-	-	-	R300-080Q27-12M	-	6	R300-080Q27-12H	8	-	1.2	50	-	-	68	-	27	6	18900
16	63	R300-063Q22-16L	-	3	R300-063Q22-16M	-	4	R300-063Q22-16H	6	-	0.8	50	-	-	47	-	22	8	18200
	80	-	-	-	R300-080Q27-16M	-	5	R300-080Q27-16H	7	-	1.1	50	-	-	64	-	27	8	15400
	100	-	-	-	R300-100Q32-16M <sup>3)</sup>	-	6	R300-100Q32-16H <sup>3)</sup>	8	-	1.7	50	-	-	84	-	32	8	13300
	125	-	-	-	R300-125Q32-16M <sup>3)</sup>	-	8	R300-125Q32-16H <sup>3)</sup>	10	-	2.9	63	-	-	109	-	32	8	11900
<b>Cylindrical shank</b>																			
08	25	-	-	-	R300-025A20-08M	-	3	-	-	-	0.4	150	40	17	-	20	4	7200	
	32	-	-	-	R300-032A25-08M	-	4	R300-032A25-08H	5	-	0.6	150	40	24	-	25	4	9000	
10	25	-	-	-	R300-025A20-10M	-	2	-	-	-	0.5	150	35	15	-	20	5	28500	
	32	-	-	-	R300-032A25-10M	-	3	R300-032A25-10H	4	-	0.7	150	35	25	-	5	5	14700	
	12	32	-	-	R300-032A25-12M	2	-	R300-032A25-12H	3	-	0.6	150	40	20	-	25	6	8900	
	40	-	-	-	R300-040A32-12M	-	3	R300-040A32-12H	4	-	1.6	150	40	28	-	32	6	11400	

<sup>1)</sup> Inserts are ordered separately.

<sup>2)</sup> The max. rpm values (nmax) are theoretical values for the cutter. Also the overhang and the holding system have to be considered when running at high rpm.

<sup>3)</sup> No coolant supply on cutters with diameter bigger than 80mm

= Even pitch

= Differential pitch



D58



D59



G3



D2

# Inserts for CoroMill® 300



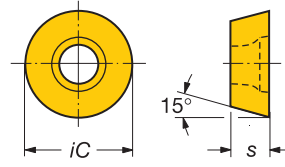
M-xM



E-xM



M-xH



iO	Ordering code	P					M				K			N			S			H				Dimensions, mm			
		GC	GC	GC	GC	CT	GC	GC	GC	GC	CT	GC	GC	GC	GC	CT	GC	GC	GC	GC	GC	GC	GC	CT	iC	s	
		1025	4020	4030	4040	530	2030	2040	4040	1025	530	3020	3040	4020	4040	530	1025	2030	2040	1025	3020	3040	4020	4040	530		
Medium	05	R300-0517E-MM						*																	5	1.7	
		R300-0517E-PM	*			*	*								*	*			*					*	5	1.7	
	07	R300-0720E-MM							*										*							7	1.99
		R300-0720E-PM	*			*	*				*	*				*	*			*				*		7	1.99
		R300-0724E-MM							*										*							7	2.38
		R300-0724E-PM	*			*	*				*	*				*	*			*				*		7	2.38
	08	R300-0828E-MM							*										*							8	2.78
		R300-0828E-PM	*			*	*				*	*				*	*			*				*		8	2.78
		R300-0828M-MM							*	*									*	*						8	2.78
		R300-0828M-PM				*													*	*						8	2.78
	10	R300-1032E-MM							*	*									*	*						10	3.18
		R300-1032E-PM	*			*	*				*	*				*	*			*	*			*		10	3.18
R300-1032M-MM								*	*									*	*					*	10	3.18	
R300-1032M-PM				*														*	*					*	10	3.18	
12	R300-1240E-MM							*	*									*	*						12	3.97	
	R300-1240E-PM	*			*	*				*	*				*	*			*	*			*		12	3.97	
	R300-1240M-MM							*	*									*	*					*	12	3.97	
	R300-1240M-PM		*	*	*					*	*							*	*				*	*	12	3.97	
16	R300-1648E-MM							*	*									*	*					*	16	4.76	
	R300-1648E-PM	*			*	*				*	*				*	*			*	*			*		16	4.76	
	R300-1648M-MM							*	*									*	*				*		16	4.76	
	R300-1648M-PM		*	*	*					*	*							*	*				*	*	16	4.76	
08	R300-0828M-KH							*	*				*								*				8	2.78	
	R300-0828M-MH							*	*									*	*				*		8	2.78	
	R300-0828M-PH		*	*	*								*								*		*		8	2.78	
10	R300-1032M-KH							*	*				*								*				10	3.18	
	R300-1032M-MH							*	*				*					*	*			*			10	3.18	
	R300-1032M-PH		*	*	*	*				*	*		*		*					*	*		*	*	10	3.18	
	R300-1240M-KH							*	*				*	*				*	*			*	*		12	3.97	
	R300-1240M-MH							*	*				*	*				*	*			*	*		12	3.97	
12	R300-1240M-PH		*	*	*	*				*	*		*		*					*	*		*	*	12	3.97	
	R300-1648M-KH							*	*				*	*				*	*			*	*		16	4.76	
	R300-1648M-MH							*	*				*	*				*	*			*	*		16	4.76	
16	R300-1648M-PH		*	*	*					*	*		*		*			*	*			*	*		16	4.76	

Ordering example: 10 pieces R300-0517E-MM 2040  
 ★ = First choice



## Feed recommendations for CoroMill® 300

Feed recommendations for insert size 08 (iC)

a <sub>p</sub> (mm)	fz (mm/insert)					
	E-xM		M-xM		M-xH	
	rec.	(min.- max.)	rec.	(min.- max.)	rec.	(min.- max.)
<b>0.10</b>	0.59	(0.23-0.90)	0.59	(0.32-0.90)	0.68	(0.32-1.13)
<b>0.50</b>	0.27	(0.10-0.41)	0.27	(0.14-0.41)	0.31	(0.14-0.52)
<b>1.00</b>	0.20	(0.08-0.30)	0.20	(0.11-0.30)	0.23	(0.11-0.38)
<b>1.50</b>	0.17	(0.06-0.26)	0.17	(0.09-0.26)	0.19	(0.09-0.32)
<b>2.00</b>	0.15	(0.06-0.23)	0.15	(0.08-0.23)	0.17	(0.08-0.29)
<b>3.00</b>	0.13	(0.05-0.21)	0.13	(0.07-0.21)	0.15	(0.07-0.26)
<b>4.00</b>	0.13	(0.05-0.20)	0.13	(0.07-0.20)	0.15	(0.07-0.25)

Feed recommendations for insert size 10 (iC)

a <sub>p</sub> (mm)	fz (mm/insert)					
	E-xM		M-xM		M-xH	
	rec.	(min.- max.)	rec.	(min.- max.)	rec.	(min.- max.)
<b>0.10</b>	0.90	(0.25-1.26)	0.75	(0.35-1.26)	1.01	(0.35-1.51)
<b>0.50</b>	0.41	(0.11-0.57)	0.34	(0.16-0.57)	0.46	(0.16-0.69)
<b>1.00</b>	0.30	(0.08-0.42)	0.25	(0.12-0.42)	0.33	(0.12-0.50)
<b>1.50</b>	0.25	(0.07-0.35)	0.21	(0.10-0.35)	0.28	(0.10-0.42)
<b>2.00</b>	0.23	(0.06-0.31)	0.19	(0.09-0.31)	0.25	(0.09-0.38)
<b>3.00</b>	0.20	(0.05-0.27)	0.16	(0.08-0.27)	0.22	(0.08-0.33)
<b>4.00</b>	0.18	(0.05-0.26)	0.15	(0.07-0.26)	0.20	(0.07-0.31)
<b>5.00</b>	0.18	(0.05-0.25)	0.15	(0.07-0.25)	0.20	(0.07-0.30)

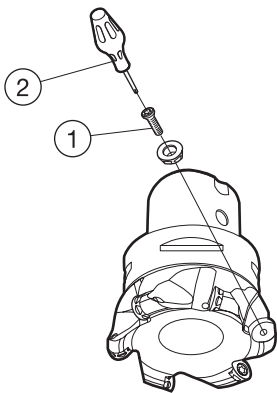
Feed recommendations for insert size 12 (iC)

a <sub>p</sub> (mm)	fz (mm/insert)					
	E-xM		M-xM		M-xH	
	rec.	(min.- max.)	rec.	(min.- max.)	rec.	(min.- max.)
<b>0.10</b>	0.99	(0.28-1.38)	0.83	(0.39-1.38)	1.10	(0.39-1.65)
<b>0.50</b>	0.45	(0.13-0.63)	0.38	(0.18-0.63)	0.50	(0.18-0.75)
<b>1.00</b>	0.33	(0.09-0.45)	0.27	(0.13-0.45)	0.36	(0.36-0.54)
<b>1.50</b>	0.27	(0.08-0.38)	0.23	(0.11-0.38)	0.30	(0.11-0.45)
<b>2.00</b>	0.24	(0.07-0.34)	0.20	(0.09-0.34)	0.27	(0.09-0.40)
<b>3.00</b>	0.21	(0.06-0.29)	0.17	(0.08-0.29)	0.23	(0.08-0.35)
<b>4.00</b>	0.19	(0.05-0.27)	0.16	(0.07-0.27)	0.21	(0.07-0.32)
<b>5.00</b>	0.18	(0.05-0.25)	0.15	(0.07-0.25)	0.20	(0.07-0.30)
<b>6.00</b>	0.18	(0.05-0.25)	0.15	(0.07-0.25)	0.20	(0.07-0.30)

Feed recommendations for insert size 16 (iC)

a <sub>p</sub> (mm)	fz (mm/insert)					
	E-xM		M-xM		M-xH	
	rec.	(min.- max.)	rec.	(min.- max.)	rec.	(min.- max.)
<b>0.10</b>	1.27	(0.32-1.90)	1.14	(0.44-1.59)	1.59	(0.44-2.54)
<b>0.50</b>	0.57	(0.14-0.86)	0.52	(0.20-0.72)	0.72	(0.20-1.15)
<b>1.00</b>	0.41	(0.10-0.62)	0.37	(0.14-0.52)	0.52	(0.14-0.83)
<b>1.50</b>	0.34	(0.09-0.51)	0.31	(0.12-0.43)	0.43	(0.12-0.69)
<b>2.00</b>	0.30	(0.08-0.45)	0.27	(0.11-0.38)	0.38	(0.11-0.60)
<b>3.00</b>	0.26	(0.06-0.38)	0.23	(0.09-0.32)	0.32	(0.09-0.51)
<b>4.00</b>	0.23	(0.06-0.35)	0.21	(0.08-0.29)	0.29	(0.08-0.46)
<b>5.00</b>	0.22	(0.05-0.32)	0.19	(0.08-0.27)	0.27	(0.08-0.43)
<b>6.00</b>	0.21	(0.05-0.31)	0.19	(0.07-0.26)	0.26	(0.07-0.41)
<b>7.00</b>	0.20	(0.05-0.30)	0.18	(0.07-0.25)	0.25	(0.07-0.40)
<b>8.00</b>	0.20	(0.05-0.30)	0.18	(0.07-0.25)	0.25	(0.07-0.40)

## Spare parts for CoroMill® 300



\*  
D3 < 32 = 5513 020-43  
D3 ≥ 32 = 5513 020-09

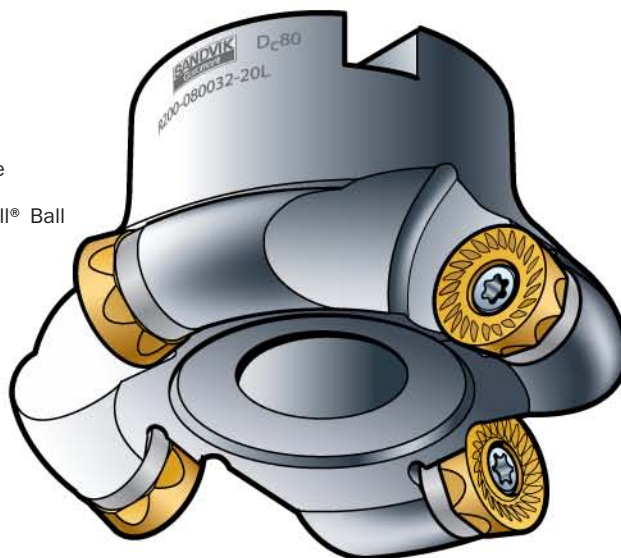
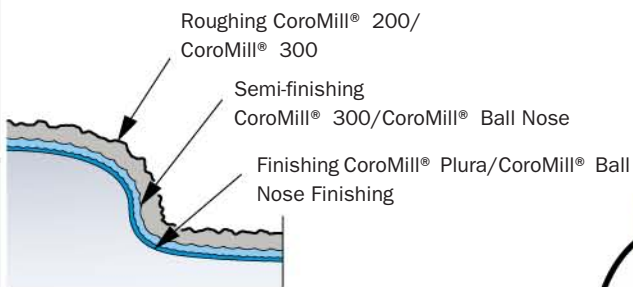
Cutter	1		2		Torque value Nm	Molykote
	Insert size		Insert screw	Key (Torx Plus)		
	5		5513 020-40	5680 051-01 (6IP)	0.6	5683 010-01
	7	20	5513 020-41	5680 046-03 (7IP)	0.9	5683 010-01
	7	24	5513 020-42	5680 046-03 (7IP)	0.9	5683 010-01
	8		5513 020-56	5680 046-01 (8IP)	1.2	5683 010-01
	10		*	5680 046-02 (15IP)	3.0	5683 010-01
	12		5513 020-09	5680 046-02 (15IP)	3.0	5683 010-01
	16		5513 020-50	5680 046-06 (20IP)	5.0	5683 010-01

Ordering example: 10 pieces 5513 020-40

# CoroMill® 200

## Robust facemilling and profiling cutter

A concept for secure roughing



Pitch:

**L**

**M**

**H**

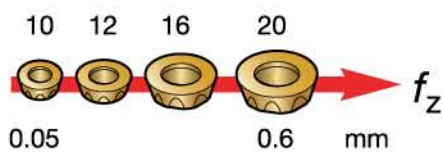
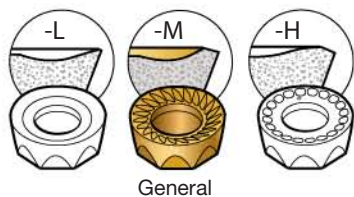


Condition: Unstable

General

Stable

Geometries:



ISO application areas:



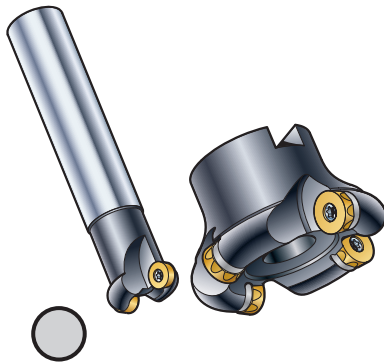
D 60

*Tailor Made*

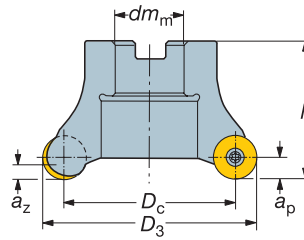
Tool options designed to individual customer requirements are available. For information on our Tailor Made program see page I2

# Round insert facemill and endmill

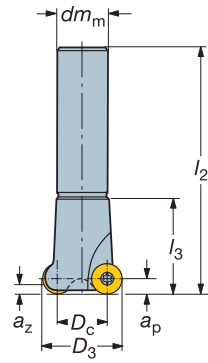
Diameter 25 - 160 mm



Arbor



Cylindrical shank



$l_1$  = programming length

D <sub>3</sub>	Ordering code						Dimensions, mm									
	Coarse pitch		Close pitch		Extra close pitch		D <sub>c</sub>	dm <sub>m</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	a <sub>z</sub>	Max a <sub>p</sub>	n <sub>max</sub> <sup>2)</sup>		
<b>Arbor</b>																
12	50	R200-038Q22-12L	- 3	R200-038Q22-12M	- 4	R200-038Q22-12H <sup>3)</sup>	0.7	38	22	50		3.7	6	18800		
52		R200-040Q22-12L	- 3	R200-040Q22-12M	- 4	R200-040Q22-12H <sup>3)</sup>	0.5	40	22	50		3.7	6	18000		
63		R200-051Q22-12L	- 3	R200-051Q22-12M	- 4	R200-051Q22-12H <sup>3)</sup>	0.8	51	22	50		3.7	6	16200		
80		R200-068Q27-12L	- 4	R200-068Q27-12M	- 6	-	0.8	68	27	50	50	3.7	6	14000		
100		R200-088Q32-12L	- 4	R200-088Q32-12M	- 6	-	1.6	88	32	50	50	3.7	6	12300		
16	63	R200-047Q22-16L <sup>3)</sup>	- 3	R200-047Q22-16M <sup>3)</sup>	- 4	-	0.5	47	22	50		4.9	8	15300		
66		R200-050Q27-16L <sup>3)</sup>	- 3	R200-050Q27-16M <sup>3)</sup>	- 4	R200-050Q27-16H <sup>3)</sup>	0.9	50	27	50		4.9	8	14500		
80		R200-064Q27-16L	- 4	R200-064Q27-16M	- 5	R200-064Q27-16H <sup>3)</sup>	1.0	64	27	50		4.9	8	13100		
100		R200-084Q32-16L	- 4	R200-084Q32-16M	- 6	-	1.3	84	32	50	50	4.9	8	11400		
125		R200-109Q32-16L	- 5	R200-109Q32-16M	- 6	-	2.1	109	32	50	50	4.9	8	10000		
20	80	R200-060Q27-20L	- 3	R200-060Q27-20M <sup>3)</sup>	4	-	1.1	60	27	50		6.1	10	10600		
100		R200-080Q32-20L	- 4	R200-080Q32-20M <sup>3)</sup>	6	-	1.4	80	32	63	63	6.1	10	9200		
125		R200-105Q32-20L	- 6	R200-105Q32-20M <sup>3)</sup>	6	-	2.2	105	32	63	63	6.1	10	8000		
160		R200-140Q40-20L	- 6	R200-140Q40-20M <sup>3)</sup>	8	-	3.5	140	40	63	63	6.1	10	6900		
<b>Cylindrical shank</b>																
10	25	-	-	R200-015A20-10M <sup>3)</sup>	2	R200-015A20-10H <sup>3)</sup>	0.5	15	20	150	30	2.9	5	37500		
12	32	-	-	R200-020A25-12M <sup>3)</sup>	2	R200-020A25-12H <sup>3)</sup>	0.8	20	25	190	35	3.7	6	31100		
40		R200-028A32-12L <sup>3)</sup>	2	R200-028A32-12M <sup>3)</sup>	3	-	1.7	28	32	240	63	3.7	6	26300		
50		R200-038A32-12L <sup>3)</sup>	3	R200-038A32-12M <sup>3)</sup>	4	-	1.7	38	32	240	63	3.7	6	22500		
16	40	R200-024A32-16L <sup>3)</sup>	2	R200-024A32-16M <sup>3)</sup>	3	-	1.6	24	32	240	63	4.9	8	21800		
50		R200-034A32-16L <sup>3)</sup>	2	R200-034A32-16M <sup>3)</sup>	3	-	1.7	34	32	240	63	4.9	8	18300		
20	50	R200-030A32-20L <sup>3)</sup>	2	R200-030A32-20M <sup>3)</sup>	3	-	1.7	30	32	240	63	6.1	10	20900		
<b>CIS Arbor</b>																
12	80	RA200-068J25.4-12L	4	RA200-068J25.4-12M	6	-	1.0	68	25.4	50		3.7	6	14000		
100		RA200-088J31.75-12L	4	RA200-088J31.75-12M	6	-	1.5	88	31.7	63		3.7	6	12300		
16	66	RA200-050J25.4-16L <sup>3)</sup>	3	RA200-050J25.4-16M <sup>3)</sup>	4	-	0.7	50	25.4	50		4.9	8	14500		
80		RA200-064J25.4-16L	4	RA200-064J25.4-16M	5	-	1.0	64	25.4	50		4.9	8	13100		
100		RA200-084J31.75-16L	4	RA200-084J31.75-16M	6	-	1.5	84	31.7	63		4.9	8	11400		
125		RA200-109J38.1-16L	5	RA200-109J38.1-16M	6	-	3.0	109	38.1	63		4.9	8	10000		
20	80	RA200-060J25.4-20L	3	RA200-060J25.4-20M <sup>3)</sup>	4	-	1.0	60	25.4	50		6.1	10	10600		
100		RA200-080J31.75-20L	4	RA200-080J31.75-20M <sup>3)</sup>	6	-	1.5	80	31.7	63		6.1	10	9200		
125		RA200-105J38.1-20L	5	RA200-105J38.1-20M <sup>3)</sup>	6	-	3.0	105	38.1	63		6.1	10	8000		
160		RA200-140J50.8-20L	6	RA200-140J50.8-20M <sup>3)</sup>	8	-	5.0	140	50.8	63		6.1	10	6900		

1) Inserts are ordered separately.

2) n<sub>max</sub> (max. rev/min) for holders must also be considered.

3) Without shim

Ordering example: 2 pieces R200-038Q22-12L

⊕ = Even pitch

⊖ = Differential pitch



D62



D63



G3



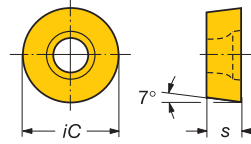
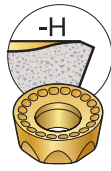
D2

# Inserts for CoroMill® 200

Cemented carbide/Cermet

Ceramic

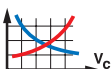
Boron nitride



Light Medium Heavy

IO	Ordering code	P					M				K				N			S				H				Dimensions, mm			
		GC	GC	GC	GC	CT	GC	GC	GC	CT	GC	GC	GC	CC	CB	H13A	GC	H10F	H13A	GC	GC	GC	GC	CT	CB	CB50	iC	s	
Light	10																										10	3.97	
																												10	3.97
																												10	3.97
	12																										12	4.76	
																											12	4.76	
																											12	4.76	
																											12	4.76	
	16																											16	6.35
																												16	6.35
																											16	6.35	
Medium	10																										10	3.97	
																											10	3.97	
																											10	3.97	
																											10	3.97	
	12																										12	4.76	
																											12	4.76	
																											12	4.76	
																											12	4.76	
																											12	4.76	
Heavy	10																										10	3.97	
																											10	3.97	
																											10	3.97	
	12																										12	4.76	
																											12	4.76	
																											12	4.76	
																											12	4.76	
	16																										16	6.35	
																											16	6.35	
Multi-Task Machining	10																										10	3.97	
																											10	3.97	
																											10	3.97	
	12																										12	4.76	
																											12	4.76	
																											12	4.76	
																											12	4.76	
	16																										16	6.35	
																											16	6.35	
General Information	10																										10	3.97	
																											10	3.97	
																											10	3.97	
	12																										12	4.76	
																											12	4.76	
																											12	4.76	
																											12	4.76	
	16																										16	6.35	
																											16	6.35	

Ordering example: 10 pieces RCHT 10 T3 M0-KL H13A  
 ★ = First choice



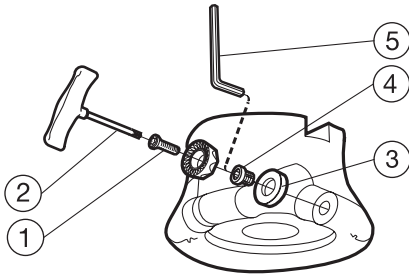
D172



D2



# Spare parts for CoroMill® 200



Cutter	Without shim		With shim				
	1	2	1	2	3	4	5
10	Insert screw	Key1) (Torx Plus)	Insert screw	Key (Torx Plus)	Shim	Shim screw	Key (mm)
12	5513 020-09	5680 046-02 (15IP)	-	-	-	-	-
16	5513 020-07	5680 048-03 (20IP)	5513 020-01	5680 048-01 (15IP)	5322 110-02	5512 090-09	5680 010-01 (3.5)
20	5513 020-08	5680 048-06 (25IP)	5513 020-26	5680 048-03 (20IP)	5322 110-03	5512 090-06	3021 010-050 (5.0)
			5513 020-14	5680 048-06 (25IP)	5322 110-04	5512 090-08	3021 010-060 (6.0)

1) Accessories, must be ordered separately

Ordering example: 10 pieces 5513 020-09

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to enhance downloading speeds.

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