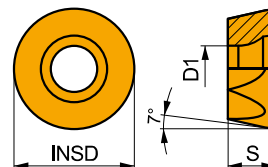


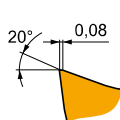
RCMT 10

	INSD	D1	S
	(mm)	(mm)	(mm)
10T3	10.0	3.90	3.97



Valores de inicio adecuados para la velocidad de corte (vc), avance (f) y profundidad de corte (ap). Consulte nuestra APP Calculadora de mecanizado para obtener más cálculos.

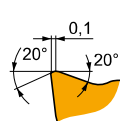
Producto	RE	P			M			K			N			S			H		
		vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)	(m/min)	(mm/tooth)	(mm)



Geometría F muy positiva para mecanizado ligero.

RCMT 10T3MOSN-F

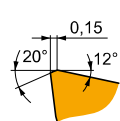
M6330	—	340	0.10	1.0	240	0.09	1.0	—	—	—	—	—	—	100	0.08	0.8	—	—	—
M8310	—	445	0.10	1.0	225	0.09	1.0	—	—	—	—	—	—	—	—	—	—	—	—
M8330	—	395	0.10	1.0	235	0.09	1.0	—	—	—	—	—	—	95	0.08	0.8	—	—	—



Geometría M muy positiva para mecanizado medio.

RCMT 10T3MOSN-M

M6330	—	310	0.12	1.0	220	0.11	1.0	—	—	—	—	—	—	90	0.11	0.8	—	—	—
M8310	—	400	0.12	1.0	200	0.11	1.0	380	0.12	1.0	—	—	—	—	—	—	—	—	—
M8330	—	360	0.12	1.0	215	0.11	1.0	340	0.12	1.0	—	—	—	90	0.11	0.8	—	—	—
M8340	—	330	0.12	1.0	195	0.11	1.0	310	0.12	1.0	—	—	—	80	0.11	0.8	—	—	—
M8345	—	260	0.12	1.0	155	0.11	1.0	—	—	—	—	—	—	65	0.11	0.8	—	—	—
M9325	—	465	0.12	1.0	—	—	—	440	0.12	1.0	—	—	—	—	—	—	—	—	—
M9340	—	425	0.12	1.0	255	0.11	1.0	—	—	—	—	—	—	105	0.11	0.8	—	—	—



Geometría R con diseño positivo para copiado en desbaste.

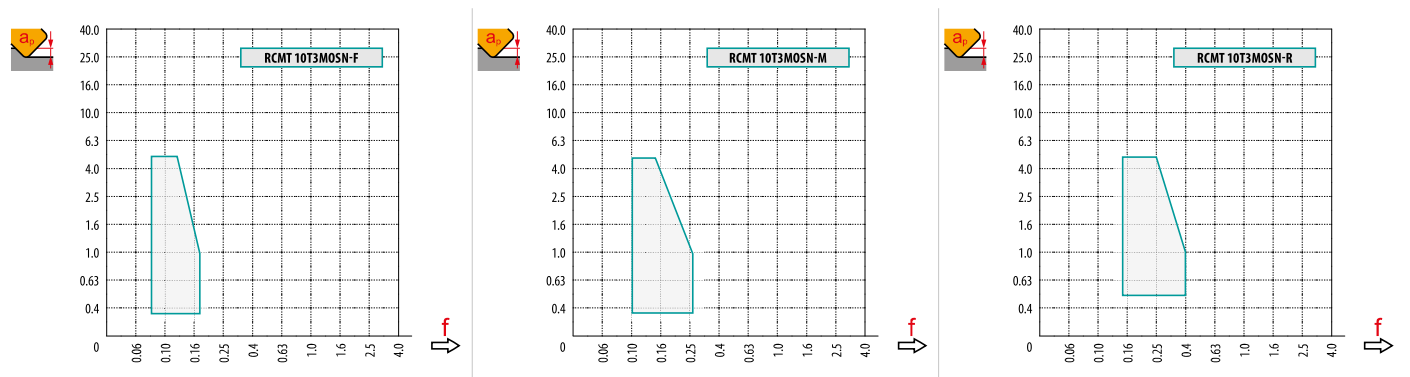
RCMT 10T3MOSN-R

M5315	—	435	0.17	1.0	—	—	—	410	0.17	1.0	—	—	—	—	—	—	85	0.15	1.0
M8310	—	345	0.17	1.0	—	—	—	325	0.17	1.0	—	—	—	—	—	—	65	0.15	1.0
M8330	—	310	0.17	1.0	—	—	—	290	0.17	1.0	—	—	—	75	0.17	0.8	60	0.15	1.0
M8340	—	285	0.17	1.0	—	—	—	270	0.17	1.0	—	—	—	70	0.17	0.8	—	—	—
M9325	—	395	0.17	1.0	—	—	—	375	0.17	1.0	—	—	—	—	—	—	75	0.15	1.0



a_e DCX	5 %	10 %	15 %	20 %	25 %	30 %	40 %	50 %	60 %	70 %	75 %	80 %	90 %	100 %
	1.48	1.35	1.27	1.22	1.19	1.16	1.11	1.08	1.05	1.03	1.00	1.00	1.00	1.00
	2.20	1.60	1.35	1.20	1.10	0.95	0.85	0.75	0.85	0.95	1.00	1.00	1.00	1.00
	0.64	0.64	0.64	0.64	0.64	0.65	0.65	0.67	0.68	0.71	0.72	0.74	0.79	1.00

	RCMT 10-F	RCMT 10-M	RCMT 10-R
	5.0	5.0	5.0
	—	—	—



		0.00	0.15	0.30	0.50	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
25		15.00	17.43	18.41	19.36	20.27	21.00	21.61	22.14	23.00	23.66	24.17	24.80	25.00
32		22.00	24.43	25.41	26.36	27.27	28.00	28.61	29.14	30.00	30.66	31.17	31.80	32.00
35		25.00	27.43	28.41	29.36	30.27	31.00	31.61	32.14	33.00	33.66	34.17	34.80	35.00
40		30.00	32.43	33.41	34.36	35.27	36.00	36.61	37.14	38.00	38.66	39.17	39.80	40.00
42		32.00	34.43	35.41	36.36	37.27	38.00	38.61	39.14	40.00	40.66	41.17	41.80	42.00
50		40.00	42.43	43.41	44.36	45.27	46.00	46.61	47.14	48.00	48.66	49.17	49.80	50.00
52		42.00	44.43	45.41	46.36	47.27	48.00	48.61	49.14	50.00	50.66	51.17	51.80	52.00
63		53.00	55.43	56.41	57.36	58.27	59.00	59.61	60.14	61.00	61.66	62.17	62.80	63.00
66		56.00	58.43	59.41	60.36	61.27	62.00	62.61	63.14	64.00	64.66	65.17	65.80	66.00
		—	0.15	0.30	0.50	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
		—	0.90	0.64	0.50	0.41	0.35	0.32	0.29	0.25	0.23	0.21	0.19	0.17



DCX	RPMX	APMX/I
25	13.2	5/23
32	12.6	5/24
35	12.3	5/24
40	9.5	5/31
42	6.5	5/45
50	6.4	5/46
52	6.1	5/48
63	4.7	5/62
66	4.4	5/66



DCX	DMIN	DMAX	SMAX DMIN	SMAX DMAX
25	32.0	50.0	3.0	3.0
32	45.0	64.0	3.0	3.0
35	51.0	70.0	3.0	3.0
40	61.0	80.0	3.0	3.0
42	65.0	84.0	3.0	3.0
50	81.0	100.0	3.0	3.0
52	85.0	104.0	3.0	3.0
63	107.0	126.0	3.0	3.0
66	113.0	132.0	3.0	3.0



2.24



DCX	μm	3	5	10	15	20	30	40	50	60	80	100
25		0.548	0.707	1.000	1.225	1.414	1.732	2.000	2.236	2.449	2.828	3.162
32		0.620	0.800	1.131	1.386	1.600	1.960	2.263	2.530	2.771	3.200	3.578
35		0.648	0.837	1.183	1.449	1.673	2.049	2.366	2.646	2.898	3.347	3.742
40		0.693	0.894	1.265	1.549	1.789	2.191	2.530	2.828	3.098	3.578	4.000
42		0.710	0.917	1.296	1.587	1.833	2.245	2.592	2.898	3.175	3.666	4.099
50		0.775	1.000	1.414	1.732	2.000	2.449	2.828	3.162	3.464	4.000	4.472
52		0.790	1.020	1.442	1.766	2.040	2.498	2.884	3.225	3.533	4.079	4.561
63		0.869	1.122	1.587	1.944	2.245	2.750	3.175	3.550	3.888	4.490	5.020
66		0.890	1.149	1.625	1.990	2.298	2.814	3.250	3.633	3.980	4.596	5.138
RE	μm	3	5	10	15	20	30	40	50	60	80	100
5.0		0.346	0.447	0.632	0.775	0.894	1.095	1.265	1.414	1.549	1.789	2.000

