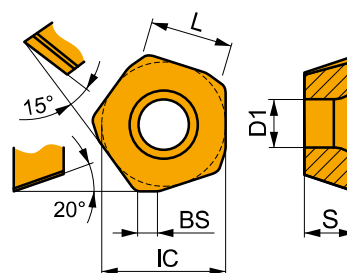


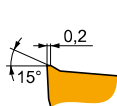
PDMX 09

	BS	IC	D1	L	S
	(mm)	(mm)	(mm)	(mm)	(mm)
0905	2.00	13.500	5.50	9.00	5.47



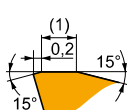
Valores de inicio adecuados para la velocidad de corte (vc), avance (f) y profundidad de corte (ap). Consulte nuestra APP Calculadora de mecanizado para obtener más cálculos.

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 M con diseño positivo para mecanizado medio con alto avance.

PDMX 0905ZEER-M	8215	—	■	215	1.00	1.2	■	125	0.90	1.2	■	200	1.00	1.2	—	—	—	—	—	—
	M8330	—	■	220	1.00	1.2	■	130	0.90	1.2	■	205	1.00	1.2	—	—	—	—	—	—
	M8345	—	■	165	1.00	1.2	■	95	0.90	1.2	—	—	—	—	—	—	—	—	—	—
	M9340	—	■	215	1.00	1.2	■	125	0.90	1.2	—	—	—	—	—	—	—	—	—	—



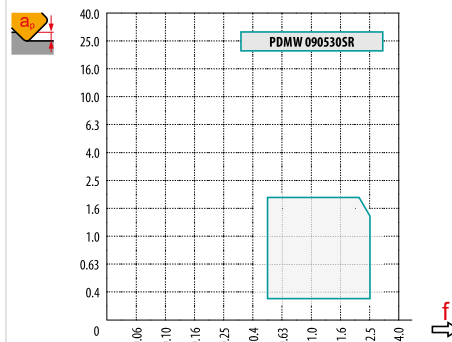
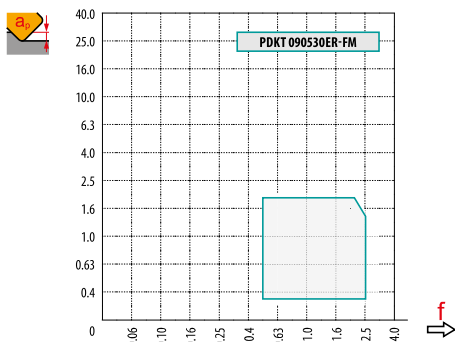
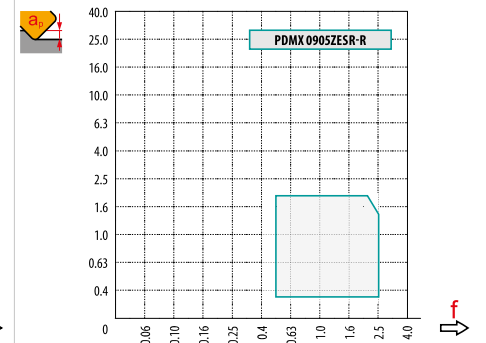
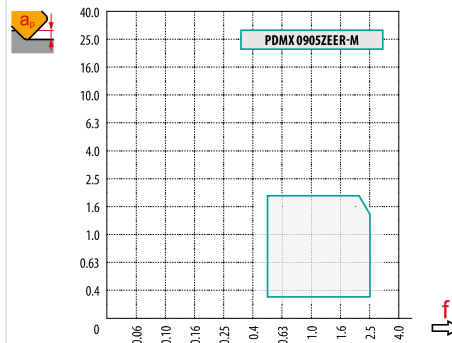
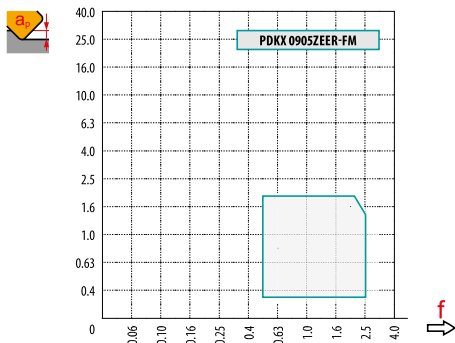
Geometría R con diseño robusto para mecanizado de alto avance.

PDMX 0905ZESR-R	8215	—	🔲	215	1.00	1.3	🟡	—	—	—	🔴	200	1.00	1.3	🟢	—	—	—	🟡	—	—	—	🔴	40	0.15	1.0
	M8330	—	🔲	215	1.00	1.3	🟡	—	—	—	🔴	200	1.00	1.3	🟢	—	—	—	🟡	—	—	—	🔴	40	0.15	1.0
	M8345	—	🔲	165	1.00	1.3	🟡	—	—	—	🔴	—	—	—	🟢	—	—	—	🟡	—	—	—	🔴	—	—	—
	M9325	—	🔲	245	1.00	1.3	🟡	—	—	—	🔴	230	1.00	1.3	🟢	—	—	—	🟡	—	—	—	🔴	45	0.15	1.0



a_s 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

	PDKX 09-FM	PDMX 09-M	PDMX 09-R	PDKT 09-FM	PDMW 09
	—	—	—	3.0	3.0
	2.00	2.00	2.00	—	—



		0.00	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.25	1.50	2.00
32		18.4	20.1	20.7	21.3	21.9	22.5	23.0	23.6	24.2	25.7	27.1	30.0
40		25.5	27.2	27.8	28.4	29.0	29.6	30.1	30.7	31.3	32.8	34.2	37.1
42		27.5	29.2	29.8	30.4	31.0	31.6	32.1	32.7	33.3	34.8	36.2	39.1
50		35.3	37.0	37.6	38.2	38.8	39.4	39.9	40.5	41.1	42.6	44.0	46.9
52		37.3	39.0	39.6	40.2	40.8	41.4	41.9	42.5	43.1	44.6	46.0	48.9
63		48.2	49.9	50.5	51.1	51.7	52.3	52.8	53.4	54.0	55.5	56.9	59.8
66		51.2	52.9	53.5	54.1	54.7	55.3	55.8	56.4	57.0	58.5	59.9	62.8
80		65.3	67.0	67.6	68.2	68.8	69.4	69.9	70.5	71.1	72.6	74.0	76.9
100		85.3	87.0	87.6	88.2	88.8	89.4	89.9	90.5	91.1	92.6	94.0	96.9
125		110.3	112.3	112.9	113.5	114.1	114.6	115.2	115.8	116.4	117.9	119.3	122.2
140		125.3	127.3	127.9	128.5	129.1	129.7	130.2	130.8	131.4	132.9	134.3	137.2
		0.00	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.25	1.50	2.00
		—	3.00	3.00	2.90	2.80	2.70	2.60	2.50	2.40	2.25	1.50	1.50



Seguir las instrucciones para fresado de superficies planas (planeado). En caso de mecanizar cerca de una superficie vertical, reducir el avance por diente (f_z) al 50% para evitar vibraciones y daños en el filo de corte.



DCX	max	f_{max}
32	5.0	0.20
40	5.0	0.20
42	5.0	0.20
50	6.0	0.20
52	6.0	0.20
63	7.0	0.25
66	7.0	0.25
80	8.0	0.30
100	8.0	0.30



DCX	RPMX	APMX/l
40	8.0	1.80/16
42	8.0	2.00/16
50	8.0	2.00/16
52	8.0	2.00/16
63	7.0	2.00/18
66	6.0	2.00/21
80	5.0	2.00/24
100	3.0	2.00/40



HFC			
a_p	0.5	1.0	2.0
f	3.0	2.3	1.5



DCX	DMIN	DMAX	f_{MAX} DMIN	f_{MAX} DMAX
40	63.7	80.0	2.00	2.00
42	67.5	84.0	2.00	2.00
50	83.3	100.0	2.00	2.00
52	87.3	104.0	2.00	2.00
63	109.2	126.0	2.00	2.00
66	115.2	132.0	2.00	2.00
80	143.3	160.0	2.00	2.00
100	183.3	200.0	2.00	2.00

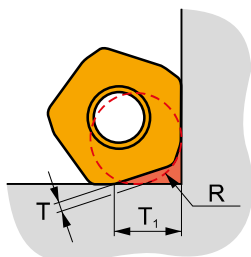


DCX	a_p	f_{max}
32	1.8	0.20
40	1.8	0.20
42	2.0	0.20
50	2.0	0.20
52	2.0	0.20
63	2.0	0.25
66	2.0	0.25
80	2.0	0.30
100	2.0	0.30



DCX	μm	3	5	10	15	20	30	40	50	60	80	100
32		0.620	0.800	1.131	1.386	1.600	1.960	2.263	2.530	2.771	3.200	3.578
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
80		0.980	1.265	1.789	2.191	2.530	3.098	3.578	4.000	4.382	5.060	5.657

i



DCX	R	T	T ₁
32	4.5	1.1	6.8
40 – 140	4.5	1.1	7.3