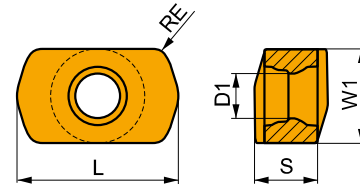


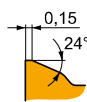
BNGX 10

	W1	D1	L	S
	(mm)	(mm)	(mm)	(mm)
10T3	5.800	2.76	9.92	3.90



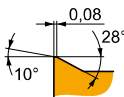
Valores de inicio adecuados para la velocidad de corte (vc), avance (f) y profundidad de corte (ap). Consulte nuestra APP Calculadora de mecanizado para obtener más cálculos.

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)



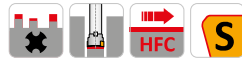
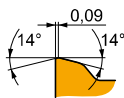
Geometría M con diseño positivo para mecanizado de alto avance.

BNGX 10T308SR-M	8215	0.8	240	0.65	0.7	—	—	—	225	0.65	0.7	—	—	—	—	—	—	45	0.15	1.0
	M6330	0.8	210	0.65	0.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	M8310	0.8	250	0.65	0.7	—	—	—	235	0.65	0.7	—	—	—	—	—	—	50	0.15	1.0
	M8330	0.8	240	0.65	0.7	—	—	—	225	0.65	0.7	—	—	—	—	—	—	45	0.15	1.0
	M8340	0.8	225	0.65	0.7	—	—	—	210	0.65	0.7	—	—	—	—	—	—	—	—	—
	M8345	0.8	180	0.65	0.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	M9325	0.8	275	0.65	0.7	—	—	—	260	0.65	0.7	—	—	—	—	—	—	55	0.15	1.0



Geometría MM muy positiva para fresado de alto avance.

BNGX 10T308SR-MM	M6330	0.8	215	0.65	0.6	150	0.59	0.6	—	—	—	—	—	—	60	0.46	0.5	—	—	—
	M8310	0.8	255	0.65	0.6	130	0.59	0.6	—	—	—	—	—	—	—	—	—	—	—	—
	M8330	0.8	245	0.65	0.6	145	0.59	0.6	—	—	—	—	—	—	60	0.46	0.5	—	—	—
	M8340	0.8	230	0.65	0.6	135	0.59	0.6	—	—	—	—	—	—	55	0.46	0.5	—	—	—
	M8345	0.8	180	0.65	0.6	105	0.59	0.6	—	—	—	—	—	—	45	0.46	0.5	—	—	—
	M9325	0.8	280	0.65	0.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	M9340	0.8	250	0.65	0.6	150	0.59	0.6	—	—	—	—	—	—	60	0.46	0.5	—	—	—



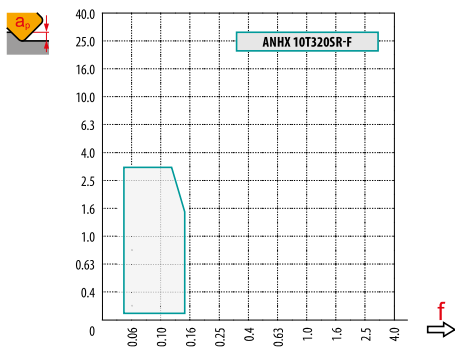
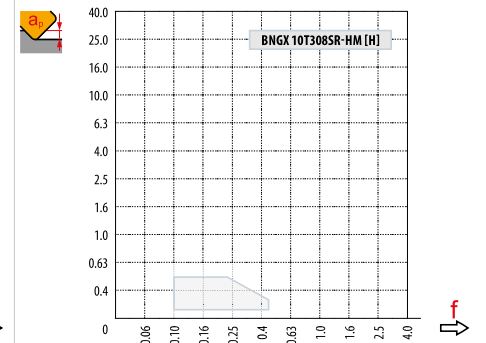
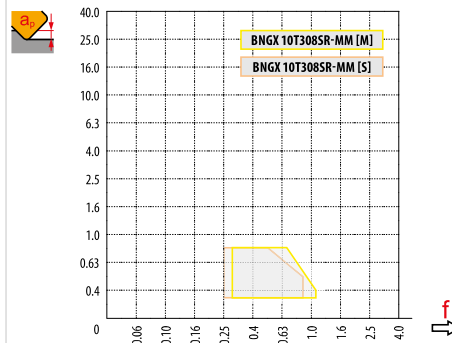
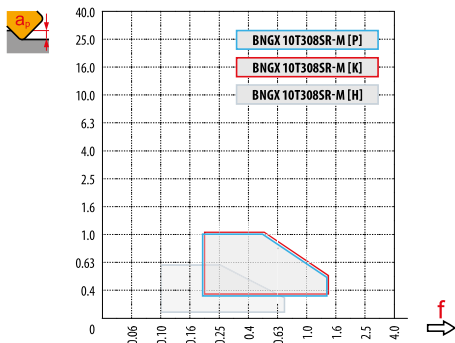
Geometría HM con diseño robusto para fresado de alto avance.

BNGX 10T308SR-HM	8215	0.8	—	—	—	—	—	—	290	0.30	0.4	—	—	—	—	—	—	60	0.15	1.0
	M8310	0.8	—	—	—	—	—	—	305	0.30	0.4	—	—	—	—	—	—	65	0.15	1.0
	M8330	0.8	—	—	—	—	—	—	285	0.30	0.4	—	—	—	—	—	—	60	0.15	1.0

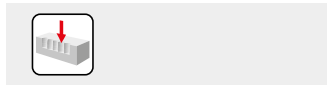


a_s DCX	5 %	10 %	15 %	20 %	25 %	30 %	40 %	50 %	60 %	70 %	75 %	80 %	90 %	100 %
	1.48	1.35	1.27	1.22	1.19	1.16	1.11	1.08	1.05	1.03	1.00	1.00	1.00	1.00
	2.20	1.60	1.35	1.20	1.10	0.95	0.85	0.75	0.85	0.95	1.00	1.00	1.00	1.00
	0.64	0.64	0.64	0.64	0.64	0.65	0.65	0.67	0.68	0.71	0.72	0.74	0.79	1.00

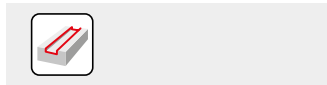
	BNGX 10-M	BNGX 10-MM	BNGX 10-HM		ANHX 10-F
	0.8	0.8	0.8		2.0
	—	—	—		0.92



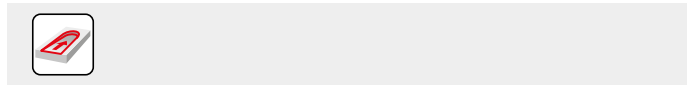
BNGX 10 (HFC)										
		0.00	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
16		9.40	12.85	13.36	13.80	14.20	14.56	14.88	15.19	15.47
18		11.40	14.85	15.36	15.80	16.20	16.56	16.88	17.19	17.47
20		13.40	16.85	17.36	17.80	18.20	18.56	18.88	19.19	19.47
25		18.40	21.85	22.36	22.80	23.20	23.56	23.88	24.19	24.47
28		21.40	24.85	25.36	25.80	26.20	26.56	26.88	27.19	27.47
32		25.40	28.85	29.36	29.80	30.20	30.56	30.88	31.19	31.47
35		28.40	31.85	32.36	32.80	33.20	33.56	33.88	34.19	34.47
40		33.40	36.85	37.36	37.80	38.20	38.56	38.88	39.19	39.47
42		35.40	38.85	39.36	39.80	40.20	40.56	40.88	41.19	41.47
		0.00	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
		–	1.30	1.10	0.90	0.80	0.72	0.68	0.65	0.50



BNGX 10		
		
16	3.5	0.12
18	3.5	0.12
20	4.0	0.15
25	4.0	0.15
28	4.0	0.17
32	4.0	0.17
35	4.0	0.17
40	4.0	0.17
42	4.0	0.17

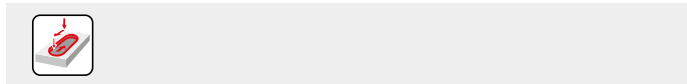


BNGX 10 (HFC)			
	0.3	0.6	1.0
	1.10	0.60	0.30

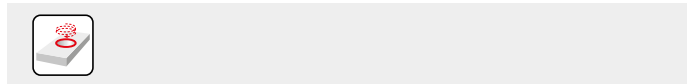


BNGX 10 (HFC)		
		
16	4.0	1/16
18	4.0	1/16
20	4.0	1/16
25	2.8	1/22
28	2.3	1/26
32	1.9	1/32
35	1.7	1/35
40	1.3	1/46
42	1.3	1/46

ANHX 10		
		
16	1.6	2.65/100
18	1.3	2.15/100
20	1.1	1.80/100
25	0.8	1.25/100
28	0.7	1.10/100
32	0.5	0.75/100
35	0.5	0.75/100
40	0.4	0.55/100
42	0.4	0.55/100



BNGX 10 (HFC)		
		
16	0.4	0.15
18	0.7	0.15
20	0.7	0.15
25	0.7	0.15
28	0.7	0.2
32	0.7	0.2
35	0.7	0.2
40	0.7	0.2
42	0.7	0.2



BNGX 10 (HFC)				
	DMIN	DMAX		
16	22.4	31.8	0.5	0.5
18	25.4	35.8	0.5	0.5
20	29.4	39.8	0.5	0.5
25	39.4	49.8	0.5	0.5
28	45.4	55.8	0.5	0.5
32	53.4	63.8	0.5	0.5
35	59.4	69.8	0.5	0.5
40	69.4	79.8	0.5	0.5
42	73.4	83.8	0.5	0.5

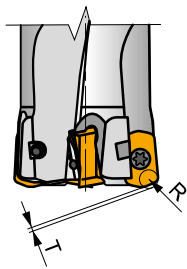


		3	5	10	15	20	30	40	50	60	80	100
16		0.438	0.566	0.800	0.980	1.131	1.386	1.600	1.789	1.960	2.263	2.530
18		0.465	0.600	0.849	1.039	1.200	1.470	1.697	1.897	2.078	2.400	2.683
20		0.490	0.632	0.894	1.095	1.265	1.549	1.789	2.000	2.191	2.530	2.828
25		0.548	0.707	1.000	1.225	1.414	1.732	2.000	2.236	2.449	2.828	3.162
28		0.580	0.748	1.058	1.296	1.497	1.833	2.117	2.366	2.592	2.993	3.347
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

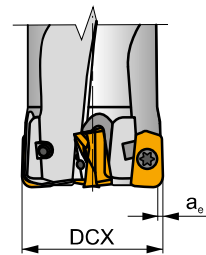
ANH 10

		3	5	10	15	20	30	40	50	60	80	100
2.0		0.219	0.283	0.400	0.490	0.566	0.693	0.800	0.894	0.980	1.131	1.265

i



	R	T
BNGX 10T308	1.60	0.44



	max a_e /DCX
ANH 10T320	0.05