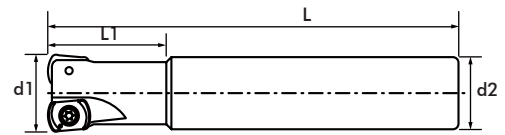
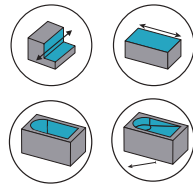

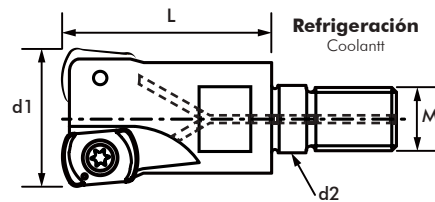
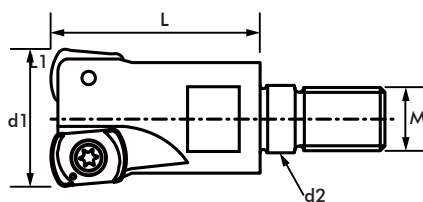



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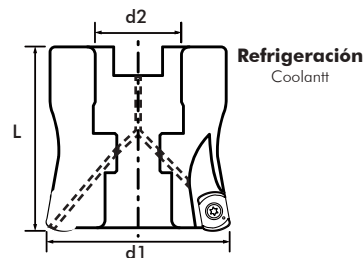
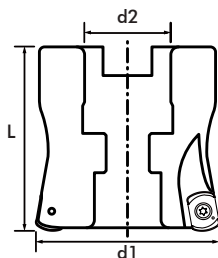
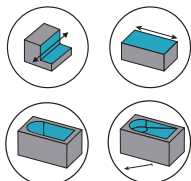


Ref.	Plaquita Inserts	d1	d2	L	L1	z	Complementos Spare parts
<b>BN06-015M02R</b>	BNMX0603..	15	16	130	26	2	Tornillo de inserción <b>3004</b> Insert screw <b>4009</b> 
<b>BN06-016M02R</b>	BNMX0603..	16	16	130	26	2	
<b>BN06-017M02R</b>	BNMX0603..	17	16	130	26	2	
<b>BN06-018M02R</b>	BNMX0603..	18	20	130	25	2	
<b>BN06-020M03R</b>	BNMX0603..	20	20	150	40	3	
<b>BN06-021M03R</b>	BNMX0603..	21	20	150	40	3	
<b>BN06-025M04R</b>	BNMX0603..	25	25	150	40	4	
<b>BN06-026M04R</b>	BNMX0603..	26	25	150	30	4	
<b>BN06-032M04R</b>	BNMX0603..	32	32	200	45	4	
<b>BN09-025M03R</b>	BNMX0904..	25	25	150	40	3	
<b>BN09-032M03R</b>	BNMX0904..	32	32	150	40	3	



Ref.	Plaquita Inserts	d1	d2	L	M	z	Refrigeración Coolant	Complementos Spare parts
<b>BN06-016R02R</b>	BNMX0603..	16	8,5	26	8	2		Tornillo de inserción <b>3004</b> Insert screw <b>4009</b> 
<b>BN06-016R02RR</b>	BNMX0603..	16	8,5	26	8	2	●	
<b>BN06-020R03R</b>	BNMX0603..	20	10,5	30	10	3		
<b>BN06-020R03RR</b>	BNMX0603..	20	10,5	30	10	3	●	
<b>BN06-021R03R</b>	BNMX0603..	21	10,5	30	10	3		
<b>BN06-025R03R</b>	BNMX0603..	25	12,5	35	12	3		
<b>BN06-025R04R</b>	BNMX0603..	25	12,5	35	12	4		
<b>BN06-025R04RR</b>	BNMX0603..	25	12,5	35	12	4	●	
<b>BN06-026R03R</b>	BNMX0603..	26	12,5	35	12	3		
<b>BN06-032R04R</b>	BNMX0603..	32	17,0	40	16	4	●	
<b>BN06-032R05R</b>	BNMX0603..	32	17,0	40	16	5		
<b>BN06-032R05RR</b>	BNMX0603..	32	17,0	40	16	5	●	
<b>BN06-040R06R</b>	BNMX0603..	40	17,0	43	16	6	●	
<b>BN09-025R03R</b>	BNMX0904..	25	12,5	35	12	3	●	
<b>BN09-032R04R</b>	BNMX0904..	32	17,0	40	16	4	●	
<b>BN09-042R05R</b>	BNMX0904..	42	17,0	43	16	5	●	

BN06/09



Ref.	Plaquita Inserts	d1	d2	L	z	Refrigeración Coolant
BN06-040A06R	BNMX0603..	40	22	50	6	
BN06-040A06RR	BNMX0603..	40	22	50	6	●
BN06-050A07R	BNMX0603..	50	22	50	7	
BN06-050A07RR	BNMX0603..	50	22	50	7	●
BN06-063A07R	BNMX0603..	63	22	50	7	
BN09-050A06R	BNMX0904..	50	22	50	6	●
BN09-052A06R	BNMX0904..	52	22	50	6	●
BN09-063A07R	BNMX0904..	63	22	50	7	
BN09-063A07RR	BNMX0904..	63	27	50	7	●
BN09-080A08R	BNMX0904..	80	27	50	8	●
BN09-100A10R	BNMX0904..	100	32	50	10	●

Complementos Spare parts	
Tornillo de inserción Insert screw	3004 4009

BNMX

	Ref.	Material					
		P	M	K	N	S	H
	BNMX0603-SG KS2100	●	●	●			●
	BNMX0603-SG KS4100	●	●	●		●	
	BNMX0603-MG KS2100	●	●	●			●
	BNMX0603-MG KS4100	●	●	●		●	
	BNMX0603-RG KS2100	●	●	●			●
	BNMX0603-RG KS4100	●	●	●		●	
	BNMX0904-MG KS2100	●	●	●			●
	BNMX0904-MG KS4100	●	●	●		●	

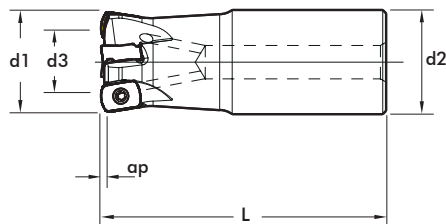
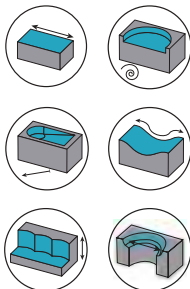
Condiciones de corte

Recommended cutting conditions

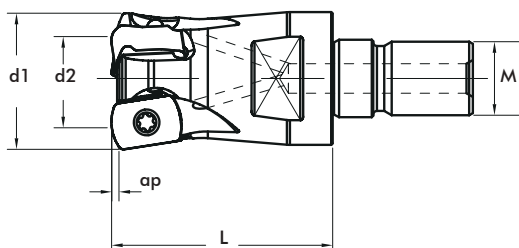
MATERIAL	BNMX0603			BNMX0904		
	Vc	fz	ap	Vc	fz	ap
Acero al carbono Carbon steel	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9	120 ~ 250	0.4 ~ 2.0	0.3 ~ 1.4
Inoxidable Stainless	100 ~ 180	0.3 ~ 1.2	0.3 ~ 0.7	100 ~ 180	0.3 ~ 1.6	0.3 ~ 1.2
Hierro fundido Cast iron	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9	120 ~ 250	0.4 ~ 2.0	0.3 ~ 1.4
Aleación de alta temperatura High temperature Alloy	40 ~ 100	0.3 ~ 0.8	0.3 ~ 0.6	40 ~ 100	0.3 ~ 1.2	0.3 ~ 1.2
Acero endurecido Hardened steel	50 ~ 100	0.3 ~ 1.0	0.3 ~ 0.6	50 ~ 100	0.3 ~ 1.4	0.3 ~ 1.2

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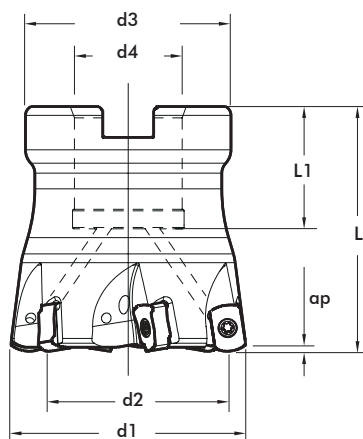
EN06



Ref.	Plaquita Inserts	d1	d2	d3	L	z	ap	Refrigeración Coolant	Complementos Spare parts
EN06-016M02R	ENMX06..	16	16	9,0	100	2	0,9	●	Tornillo de inserción Insert screw <b>18000206</b>
EN06-016M02RL	ENMX06..	16	16	9,0	150	2	0,9	●	
EN06-020M03R	ENMX06..	20	20	12,6	130	3	1	●	Tornillo de inserción Insert screw <b>18000206</b>
EN06-020M03RL	ENMX06..	20	20	12,6	160	3	1	●	
EN06-025M04R	ENMX06..	25	25	17,6	140	4	1	●	Tornillo de inserción Insert screw <b>18000206</b>
EN06-025M04RL	ENMX06..	25	25	17,6	180	4	1	●	
EN06-025M04RLL	ENMX06..	25	25	17,6	250	4	1	●	Tornillo de inserción Insert screw <b>18000206</b>
EN06-032M05R	ENMX06..	32	32	24,6	150	5	1	●	
EN06-032M05RL	ENMX06..	32	32	24,6	200	5	1	●	Tornillo de inserción Insert screw <b>18000206</b>





Ref.	Plaquita Inserts	d1	d2	L	M	z	ap	Refrigeración Coolant	Complementos Spare parts
EN06-016R02R	ENMX06..	16	9,0	23	8	2	0,9	●	Tornillo de inserción Insert screw <b>18000206</b>
EN06-020R03R	ENMX06..	20	12,6	30	10	3	1	●	
EN06-025R04R	ENMX06..	25	17,6	35	12	4	1	●	Tornillo de inserción Insert screw <b>18000206</b>
EN06-032R05R	ENMX06..	32	24,6	42	16	5	1	●	



Ref.	Plaquita Inserts	d1	d2	d3	d4	L	L1	z	ap	Ref. Coolant	Complementos Spare parts
EN06-040A06R	ENMX06..	40	32,6	37	16	40	18	6	1	●	Tornillo de inserción Insert screw <b>18000206</b>
EN06-050A06R	ENMX06..	50	42,6	42	22	50	25	6	1	●	

## ENMX06

	Ref.	Material					
		P	M	K	N	S	H
	ENMX 0604-ST KS4100	●	●	●		●	●
	ENMX 0604-TR KS4100	●	●	●		●	●

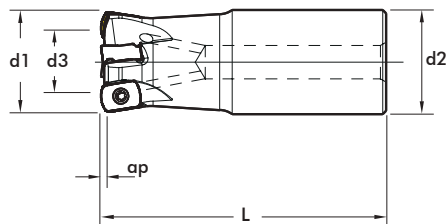
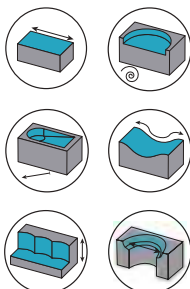
## Condiciones de corte

Recommended cutting conditions

MATERIAL	V <sub>c</sub>	f <sub>z</sub>
<b>Acero sin aleación</b> Non-Alloyed Steel (VDI 1~5)	140 - 380	0.3 - 2.5
<b>Acero de aleación baja</b> Low-Alloyed Steel (VDI 6~9)	130 - 300	0.3 - 2.5
<b>Acero de aleación alta</b> High-Alloyed Steel (VDI 10~11)	70 - 150	0.3 - 2.5
<b>Ferrítico y Martensítico</b> Ferritic & Martensitic (VDI 12~13)	120 - 200	0.1 - 0.8
<b>Acero inoxidable austenítico</b> Austenitic Stainless Steel (VDI 14)	130 - 250	0.1 - 0.8
<b>Fundición de hierro gris</b> Grey Cast Iron (VDI 15~16)	120 - 250	-
<b>Hierro fundido nodular</b> Nodular Cast Iron (VDI 17~18)	130 - 220	-
<b>Titanio y superaleaciones</b> Titanium & Superalloys (VDI 31~37)	25 - 45	0.1 - 0.8
<b>Material duro</b> Hard materials (VDI 38~41)	40 - 80	0.3 - 2.5

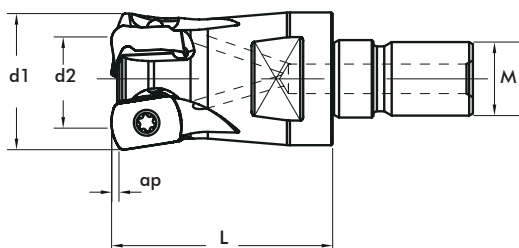
FRESADO  
MILLING

EN09



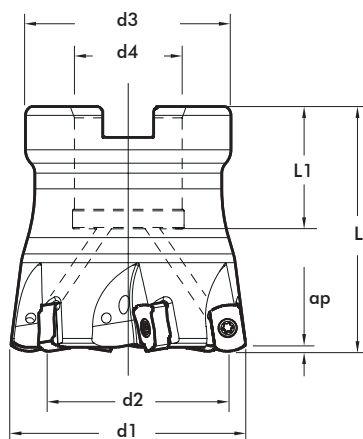
Ref.	Plaquita Inserts	d1	d2	d3	L	z	ap	Refrigeración Coolant
EN09-025M02R	ENMX09..	25	25	14,5	150	2	1,5	●
EN09-026M02R	ENMX09..	26	25	15,74	200	2	1,5	●
EN09-026M03R	ENMX09..	26	25	15,74	200	3	1,5	●
EN09-032M03R	ENMX09..	32	32	21,1	160	3	1,5	●
EN09-033M03R	ENMX09..	33	32	22,26	200	3	1,5	●
EN09-033M04R	ENMX09..	33	32	22,26	200	4	1,5	●
EN09-040M05R	ENMX09..	40	32	29,11	180	5	1,5	●

Complementos Spare parts
Tornillo de inserción Insert screw <b>18000214</b>



Ref.	Plaquita Inserts	d1	d2	L	M	z	ap	Refrigeración Coolant
EN09-025R02R	ENMX09..	25	14,5	35	12	2	1,5	●
EN09-025R03R	ENMX09..	25	14,5	35	12	3	1,5	●
EN09-026R02R	ENMX09..	26	15,74	35	12	2	1,5	●
EN09026R03R	ENMX09..	26	15,74	35	12	3	1,5	●
EN09-032R03R	ENMX09..	32	21,1	42	16	3	1,5	●
EN09-032R04R	ENMX09..	32	21,1	42	16	4	1,5	●
EN09-033R02R	ENMX09..	33	22,26	42	16	2	1,5	●
EN09-033R03R	ENMX09..	33	22,26	42	16	3	1,5	●
EN09-033R04R	ENMX09..	33	22,26	42	16	4	1,5	●



Complementos Spare parts
Tornillo de inserción Insert screw <b>18000214</b>



Ref.	Plaquita Inserts	d1	d2	d3	d4	L	L1	z	ap	Ref. Coolant
EN09-050A05R	ENMX09..	50	38,39	42	22	40	20	5	1,5	●
EN09-063A06R	ENMX09..	63	51,28	48	22	50	20	6	1,5	●
EN09-063A07R	ENMX09..	63	51,28	48	22	40	20	7	1,5	●
EN09-080A08R	ENMX09..	80	67,40	56	27	50	23	8	1,5	●
EN09-100A10R	ENMX09..	100	86,74	78	32	40	26	10	1,5	●
EN09-125A12R	ENMX09..	125	110,94	89	40	50	29	12	1,5	●

Complementos Spare parts
Tornillo de inserción Insert screw <b>18000214</b>

## ENMX09

	Ref.	Material					
		P	M	K	N	S	H
	ENMX 0905-ST KS2100	●	●				
	ENMX 0905-ST KS4100	●	●	●		●	●
	ENMX 0905-TR KS4100	●	●	●		●	●

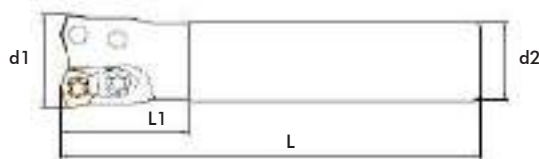
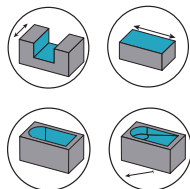
## Condiciones de corte

Recommended cutting conditions

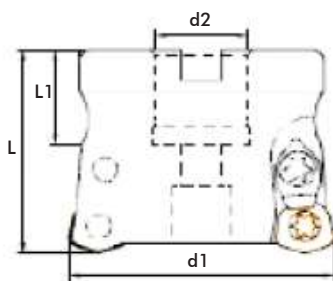
MATERIAL	Vc	Vc	fz
	KS2100	KS4100	
Acero sin aleación Non-Alloyed Steel (VDI 1~5)	100 - 210	180 - 280	0.3 - 3.0
Acero de aleación baja Low-Alloyed Steel (VDI 6~9)	70 - 180	150 - 250	0.3 - 3.0
Acero de aleación alta High-Alloyed Steel (VDI 10~11)	40 - 90	70 - 140	0.3 - 3.0
Ferrítico y Martensítico Ferritic & Martensitic (VDI 12~13)	70 - 180	120 - 200	0.2 - 1.2
Acero inoxidable austenítico Austenitic Stainless Steel (VDI 14)	70 - 200	130 - 250	0.2 - 1.2
Fundición de hierro gris Grey Cast Iron (VDI 15~16)	-	120 - 250	-
Hierro fundido nodular Nodular Cast Iron (VDI 17~18)	-	130 - 220	-
Titanio y superaleaciones Titanium & Superalloys (VDI 31~37)	-	25 - 45	0.2 - 1.2
Material duro Hard materials (VDI 38~41)	-	40 - 80	0.3 - 3.0

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JD12



Ref.	Plaquita Inserts	d1	d2	L	L1	z	Complementos Spare parts
JD12-032M02R	JDMW1204..	32	32	150	35	2	Tornillo de inserción Insert screw <b>4008</b>



Ref.	Plaquita Inserts	d1	d2	L	L1	z	Complementos Spare parts
JD12-050A04R	JDMW1204..	50	22	45	23	4	Tornillo de inserción Insert screw <b>4008</b> <b>5001</b>
JD12-063A05R	JDMW1204..	63	22	50	23	5	
JD12-080A06R	JDMW1204..	80	27	55	26	6	
JD14-063A04R	JDMT1405..	63	22	50	23	4	
JD14-080A05R	JDMT1405..	80	27	55	26	5	
JD14-100A06R	JDMT1405..	100	32	55	32	6	

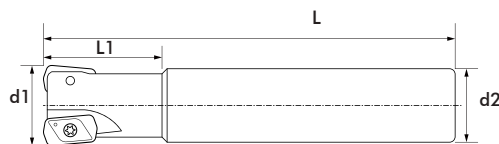
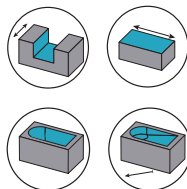
JDMW12/14

	Ref.	Material					
		P	M	K	N	S	H
	JDMW120420ZDSR-MF KS2100	●	●	●			●
	JDMW120420ZDSR-MF KS4100	●	●	●		●	
	JDMW120420ZDSR-RG KS2100	●		●			●
	JDMW120420ZDSR-RG KS4100	●	●	●		●	
	JDMT140520ZDSR-MG KS4100	●	●	●		●	

Condiciones de corte  
Recommended cutting conditions

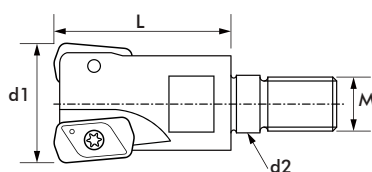
MATERIAL	JDMW1204			JDMT1405		
	Vc	fz	ap	Vc	fz	ap
Acero al carbono Carbon steel	120 ~ 250	0.08 ~ 1.3	0.3 ~ 1.5	120 ~ 250	0.08 ~ 1.8	0.5 ~ 2.0
Inoxidable Stainless	100 ~ 180	0.6 ~ 1.0	0.3 ~ 1.0	100 ~ 180	0.6 ~ 1.2	0.5 ~ 1.5
Hierro fundido Cast iron	120 ~ 250	0.8 ~ 1.3	0.3 ~ 1.5	120 ~ 250	0.8 ~ 1.8	0.5 ~ 2.0
Aleación de alta temperatura High temperature Alloy	40 ~ 100	0.5 ~ 1.0	0.3 ~ 1.0	40 ~ 100	0.5 ~ 1.2	0.5 ~ 1.5
Acero endurecido Hardened steel	50 ~ 100	0.5 ~ 1.0	0.3 ~ 1.0	50 ~ 100	0.5 ~ 1.2	0.5 ~ 1.5

LN03



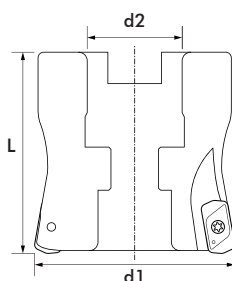
Ref.	Plaquita Inserts	d1	d2	L	L1	z
LN03-016M02R	LNMX0303..	16	16	100	30	2
LN03-016M02RL	LNMX0303..	16	16	150	30	2
LN03-020M03R	LNMX0303..	20	20	150	50	3
LN03-025M04R	LNMX0303..	25	25	150	60	4
LN03-032M06R	LNMX0303..	32	32	150	70	6

Complementos Spare parts	
Tornillo de inserción Insert screw	2535



Ref.	Plaquita Inserts	d1	d2	L	M	z	Refrigeración Coolant
LN03-017R02R	LNMX0303..	17	8,5	26	8	2	
LN03-021R03R	LNMX0303..	21	10,5	32	10	3	
LN03-02103RR	LNMX0303..	21	10,5	32	10	3	●
LN03-026R04R	LNMX0303..	26	12,5	38	12	4	
LN03-032R04RL	LNMX0303..	32	17	41	16	4	

Complementos Spare parts	
Tornillo de inserción Insert screw	2535



Ref.	Plaquita Inserts	d1	d2	L	z
LN03-016A05R	LNMX0303..	50	50	22	5

Complementos Spare parts	
Tornillo de inserción Insert screw	2535

LNMX03

Ref.	Material					
	P	M	K	N	S	H
LNMX0303-SG KS2100	●	●	●			●
LNMX0303-SG KS4100	●	●	●		●	
LNMX0303-MG KS2100	●	●	●			●
LNMX0303-MG KS4100	●	●	●		●	

Condiciones de corte

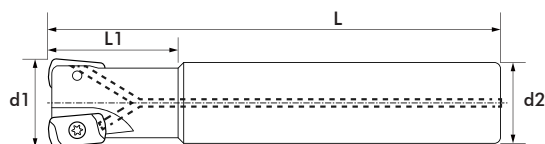
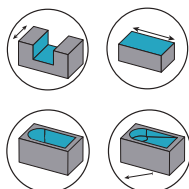
Recommended cutting conditions


MATERIAL	Vc	fz	ap
Acero al carbono Carbon steel	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9
Inoxidable Stainless	100 ~ 180	0.3 ~ 1.2	0.3 ~ 0.7
Hierro fundido Cast iron	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9
Aleación de alta temperatura High temperature Alloy	40 ~ 100	0.3 ~ 0.8	0.3 ~ 0.6
Acero endurecido Hardened steel	50 ~ 100	0.3 ~ 1.0	0.3 ~ 0.6

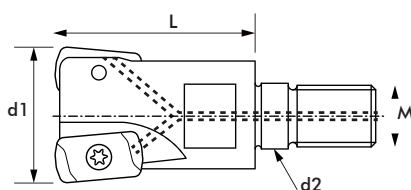



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LO03

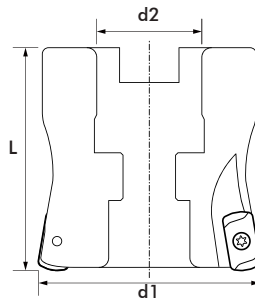
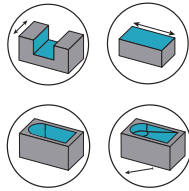



Ref.	Plaquita Inserts	d1	d2	L	L1	z	Refrigeración Coolant	Complementos Spare parts
LO03-016M02R	LOX0303..	16	16	150	30	2		Tornillo de inserción Insert screw 3004 
LO03-016M02RR	LOX0303..	16	16	150	30	2	●	
LO03-017M02R	LOX0303..	17	16	150	20	2		
LO03-018M02R	LOX0303..	18	16	150	20	2		
LO03-020M03R	LOX0303..	20	20	150	50	3		
LO03-020M03RR	LOX0303..	20	20	150	50	3	●	
LO03-021M03R	LOX0303..	21	20	150	30	3		
LO03-022M03R	LOX0303..	22	20	150	30	3		
LO03-025M04R	LOX0303..	25	25	150	60	4		
LO03-025M04RR	LOX0303..	25	25	150	60	4	●	
LO03-026M04R	LOX0303..	26	25	150	35	4		
LO03-026M04RR	LOX0303..	26	25	150	35	4	●	
LO03-026M04RL	LOX0303..	26	25	150	45	4		
LO03-028M04R	LOX0303..	28	25	200	20	4		
LO03-028M05R	LOX0303..	28	25	150	20	5		
LO03-030M04R	LOX0303..	30	32	150	46	4		
LO03-032M05R	LOX0303..	32	32	150	70	5		
LO03-032M04RR	LOX0303..	33	32	150	20	5	●	
LO03-033M05R	LOX0303..	33	32	200	20	5		
LO03-035M05R	LOX0303..	35	32	200	20	5		




Ref.	Plaquita Inserts	d1	d2	L	M	z	Refrigeración Coolant	Complementos Spare parts
LO03-017R02R	LOGX0303..	17	8,5	25	8	2	●	Tornillo de inserción Insert screw 3004 
LO03-021R03R	LOGX0303..	21	10,5	30	10	3	●	
LO03-026R04R	LOGX0303..	26	12,5	35	12	4	●	
LO03-035R04R	LOGX0303..	35	17	40	16	4	●	
LO03-035R05R	LOGX0303..	35	17	40	16	5	●	

LO03



Ref.	Plaquita Inserts	d1	d2	L	z	Complementos Spare parts	
LO03-050A07R	LOGX0303..	50	50	22	7	Tornillo de inserción Insert screw	3004 

LOGX03

	Ref.	Material					
		P	M	K	N	S	H
	LOGX030310-SG K54100	●	●	●		●	

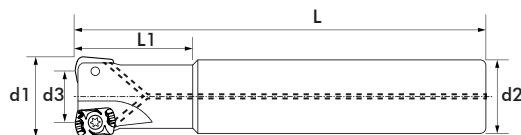
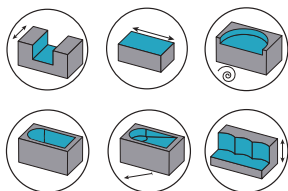
Condiciones de corte

Recommended cutting conditions

MATERIAL	Vc	fz	ap
Acero al carbono Carbon steel	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9
Inoxidable Stainless	100 ~ 180	0.3 ~ 1.2	0.3 ~ 0.7
Hierro fundido Cast iron	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9
Aleación de alta temperatura High temperature Alloy	40 ~ 100	0.3 ~ 0.8	0.3 ~ 0.6
Acero endurecido Hardened steel	50 ~ 100	0.3 ~ 1.0	0.3 ~ 0.6

FRESADO  
MILLING

LP01



Ref.	Plaquita Inserts	d1	d2	d3	L	L1	z	Refrigeración Coolant	Complementos Spare parts
LP01-008M01R	LPGX0102..	8	10	4,2	80	16	1		Tornillo de inserción Insert screw <b>1804</b>
LP01-008M01RR	LPGX0102..	8	10	4,2	80	16	1	●	
LP01-010M02R	LPGX0102..	10	10	6,2	80	20	2		
LP01-010M02RR	LPGX0102..	10	10	6,2	80	20	2	●	
LP01-012M03R	LPGX0102..	12	12	8,2	80	20	3		
LP01-012M03RR	LPGX0102..	12	12	8,2	80	20	3	●	
LP01-016M04R	LPGX0102..	16	16	12,2	90	20	4		
LP01-016M04RR	LPGX0102..	16	16	12,2	90	20	4	●	

LPGX01

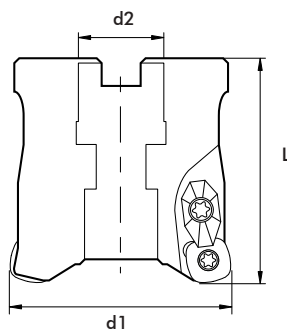
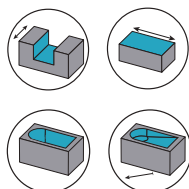
Ref.	Material					
	P	M	K	N	S	H
LPGX0102-SG KS4100	●	●	●		●	
LPGX0102-MG KS4100	●	●	●		●	

Condiciones de corte

Recommended cutting conditions

MATERIAL	Vc	fz	ap
Acero al carbono Carbon steel	120 ~ 250	0.2 ~ 0.8	0.2 ~ 0.5
Inoxidable Stainless	100 ~ 180	0.2 ~ 0.6	0.2 ~ 0.4
Hierro fundido Cast iron	120 ~ 250	0.2 ~ 0.8	0.2 ~ 0.5
Aleación de alta temperatura High temperature Alloy	40 ~ 100	0.2 ~ 0.4	0.3 ~ 0.6
Acero endurecido Hardened steel	50 ~ 100	0.2 ~ 0.5	0.2 ~ 0.3

SD12



Ref.	Plaquita Inserts	d1	d2	L	z
SD12-050A03R	SDMT1205.. SDNW1205..	50	22	50	3
SD12-050A04RL	SDMT1205.. SDNW1205..	50	22	50	4
SD12-063A03R	SDMT1205.. SDNW1205..	63	22	50	3
SD12-063A04R	SDMT1205.. SDNW1205..	63	22	50	4
SD12-080A04R	SDMT1205.. SDNW1205..	80	32	55	4
SD12-080A05R	SDMT1205.. SDNW1205..	80	32	55	5

Complementos Spare parts	
Tornillo de inserción Insert screw	4011

SDMT/SDNW12

Ref.	Material					
	P	M	K	N	S	H
SDMT1205ZDSN-MF KS2100	●	●	●			●
SDMT1205ZDSN-MF KS4100	●	●	●		●	
SDMT1205ZDTN-MG KS4100	●	●	●		●	
SDMT1205ZDTN-RG KS4100	●	●	●		●	
SDNW1205ZDTN-RG KS2100	●	●	●			●
SDNW1205ZDTN-RG KS4100	●	●	●		●	

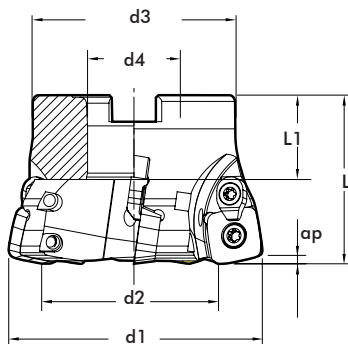
Condiciones de corte

Recommended cutting conditions

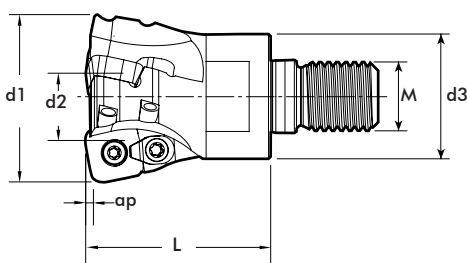
MATERIAL	Vc	fz	ap
Acero al carbono Carbon steel	120 ~ 250	0.8 ~ 1.8	0.3 ~ 1.5
Inoxidable Stainless	100 ~ 180	0.6 ~ 1.2	0.3 ~ 1.0
Hierro fundido Cast iron	120 ~ 250	0.8 ~ 1.8	0.3 ~ 1.5
Aleación de alta temperatura High temperature Alloy	40 ~ 100	0.5 ~ 1.2	0.3 ~ 1.0
Acero endurecido Hardened steel	50 ~ 100	0.5 ~ 1.2	0.3 ~ 1.0

FRESADO  
MILLING

SD12




Ref.	Plaquita Inserts	d1	d2	d3	d4	L	L1	z	ap	Ref. Coolant
SD12-050A04R	SDMW12..	50	32,4	42	22	40	22	4	1,8	●
SD12-063A05R	SDMW12..	63	45,4	48	22	40	22	5	1,8	●
SD12-080A06R	SDMW12..	80	62,4	58	27	50	25	6	1,8	●
SD12-100A08R	SDMW12..	100	82,4	65	32	50	26	8	1,8	●



Ref.	Plaquita Inserts	d1	d2	d3	L	M	z	ap	Refrigeración Coolant
SD12-032R02R	SDMW12..	32	14,4	29	43	16	2	1,8	●
SD12-040R03R	SDMW12..	40	22,4	29	43	16	3	1,8	●

SDMW12

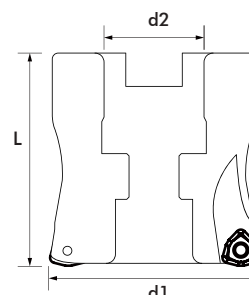
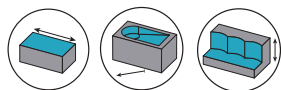
Ref.	Material					
	P	M	K	N	S	H
 SDMW 120420 KS2100	●	●				
SDMW 120420 KS4100	●	●	●		●	●

Condiciones de corte

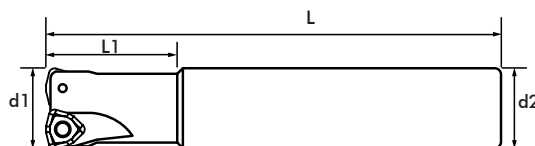
Recommended cutting conditions

MATERIAL	Vc	Vc	fz
	KS2100	KS4100	
Acero sin aleación Non-Alloyed Steel (VDI 1~5)	100 - 210	180 - 380	0.60 ~ 1.40
Acero de aleación baja Low-Alloyed Steel (VDI 6~9)	70 - 180	120 - 300	0.60 ~ 1.40
Acero de aleación alta High-Alloyed Steel (VDI 10~11)	40 - 90	70 - 150	0.60 ~ 1.40
Ferrítico y Martensítico Ferritic & Martensitic (VDI 12~13)	70 - 180	120 - 200	0.60 ~ 1.40
Acero inoxidable austenítico Austenitic Stainless Steel (VDI 14)	70 - 200	130 - 250	0.60 ~ 1.40
Fundición de hierro gris Grey Cast Iron (VDI 15~16)	-	120 - 250	0.60 ~ 1.40
Hierro fundido nodular Nodular Cast Iron (VDI 17~18)	-	130 - 220	0.60 ~ 1.40
Titanio y superaleaciones Titanium & Superalloys (VDI 31~37)	-	25 - 45	0.60 ~ 1.40
Material duro Hard materials (VDI 38~41)	-	40 - 80	0.60 ~ 1.40

WN09/13



Ref.	Plaquita Inserts	d1	d2	L	z	Refrigeración Coolant	Complementos Spare parts
WN09-050A05R	WNMX09T3..	50	22	50	5		Tornillo de inserción 3006 Insert screw 4006
WN09-050A05RR	WNMX09T3..	50	22	50	5	●	
WN09-063A05R	WNMX09T3..	63	22	50	5		
WN09-063A05RR	WNMX09T3..	63	22	50	5	●	
WN13-063A05R	WNMX1305..	63	22	50	5		
WN13-080A07R	WNMX1305..	80	27	50	7		



Ref.	Plaquita Inserts	d1	d2	L	L1	z	Complementos Spare parts
WN09-025M02R	WNMX09T3..	25	25	150	40	2	Tornillo de inserción 3006 Insert screw
WN09-032M03R	WNMX09T3..	32	32	150	40	3	

WNX

	Ref.	Material					
		P	M	K	N	S	H
	WNMX09T316-MG KS2100	●	●	●			●
	WNMX09T316-MG KS4100	●	●	●		●	
	WNMX09T316-RG KS2100	●	●	●			●
	WNMX09T316-RG KS4100	●	●	●		●	
	WNMX130516-MG KS2100	●	●	●			●
	WNMX130516-MG KS4100	●	●	●		●	

Condiciones de corte

Recommended cutting conditions

MATERIAL	WNMX09T3			WNMX1305		
	Vc	fz	ap	Vc	fz	ap
Acero al carbono Carbon steel	120 ~ 250	0.4 ~ 1.5	0.4 ~ 1.35	120 ~ 250	0.4 ~ 3.0	0.4 ~ 1.7
Inoxidable Stainless	100 ~ 180	0.4 ~ 1.2	0.4 ~ 1.0	100 ~ 180	0.3 ~ 2.0	0.4 ~ 1.4
Hierro fundido Cast iron	120 ~ 250	0.4 ~ 1.5	0.4 ~ 1.35	120 ~ 250	0.4 ~ 3.0	0.4 ~ 1.7
Aleación de alta temperatura High temperature Alloy	40 ~ 100	0.4 ~ 1.0	0.4 ~ 1.0	40 ~ 100	0.3 ~ 1.6	0.4 ~ 1.3
Acero endurecido Hardened steel	50 ~ 100	0.4 ~ 1.1	0.4 ~ 1.0	50 ~ 100	0.3 ~ 2.0	0.4 ~ 1.3