

EMP09 *Kr: 90°*

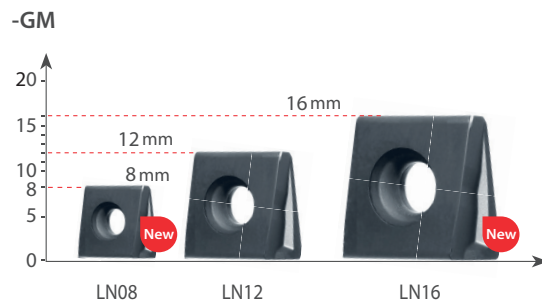
Square shoulder mill with tangential inserts

- Sharp cutting edge geometry combined with robust tangential inserts.
- First choice for large cutting depths with high feed rates.
- Very good competitiveness.

Insert grades

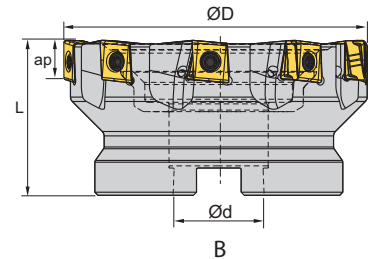
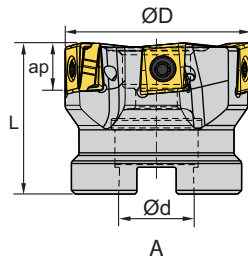
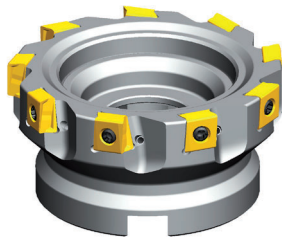
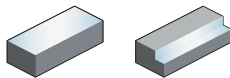
YBM253	YB9320	YBD252
CVD	PVD	CVD
P20-P40	P10-P30	K15-K35
M10-M30	M20-M30	

Chip breaker



Square shoulder milling

EMP09 Kr: 90°



Article	*	Stock	Dimensions [mm]				Teeth	Coupling	kg	Inserts
			ØD	Ød	L	a _{p max}				
EMP09-040-A16-LN08-05C	*	●	40	16	40	8	5	A		LNKT0804PNR-GM
EMP09-050-A22-LN08-06C	*	●	50	22	40	8	6	A		
EMP09-063-A22-LN08-08C	*	●	63	22	40	8	8	A		
EMP09-080-A27-LN08-10C	*	○	80	27	50	8	10	A		LNKT1206PNR-GM
EMP09-040-A16-LN12-04C	*	●	40	16	40	11.5	4	A	0.19	
EMP09-050-A22-LN12-05C	*	●	50	22	40	11.5	5	A	0.33	
EMP09-063-A22-LN12-06C	*	●	63	22	40	11.5	6	A	0.53	LNKT1607PNR-GM
EMP09-080-A27-LN12-07C	*	●	80	27	50	11.5	7	A	1.18	
EMP09-100-B32-LN12-09C	*	●	100	32	50	11.5	9	B	1.62	
EMP09-125-B40-LN12-11C	*	●	125	40	63	11.5	11	B	3.25	LNKT1607PNR-GM
EMP09-080-A27-LN16-06C	*	●	80	27	50	15	6	A		
EMP09-100-B32-LN16-08C	*	●	100	32	50	15	8	B		
EMP09-125-B40-LN16-10C	*	●	125	40	63	15	10	B		
EMP09-160-B40-LN16-12C	*	●	160	40	63	15	12	B		

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	LNKT0804PNR-GM	LNKT1206PNR-GM	LNKT1607PNR-GM
	ØD	40-80	40-125	80-160
	Screw (clamp)	I60M3*7 (1.8 Nm)	I60M4*12 (3.4 Nm)	I60M5*17 (6.7 Nm)
	Wrench	WT10IS	WT15IS	WT20IS




System code > B26

Grade selection > B24

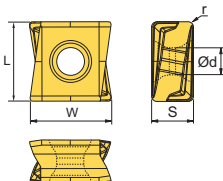

Technical info > B463

Cutting data > B224

LNKT	L	S
08 04	8.75	4.45
12 06	12.7	6.75
16 07	16.05	7.35

-  Ideal machining conditions
-  Normal machining conditions
-  Unfavourable machining conditions

Milling inserts

LN** milling insert			HC ¹ (CVD)						HC ¹ (PVD)						HT	HC ²	HW							
			P	M	K	N	S	H	P	M	K	N	S	H										
																								
ISO			W	r	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	LNKT080404PNR-GM	8.75	0.4				●								●									
	LNKT120608PNR-GM	12.7	0.8				●								●									
	LNKT160708PNR-GM	16.05	0.8				●	○							●									

● Ex stock ○ On demand

HC¹ Coated carbide
 HT Uncoated cermet
 HC² Coated cermet
 HW Uncoated carbide

A

Turning

B

Milling

C

Drilling

D

Technical Information

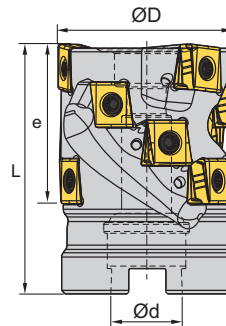
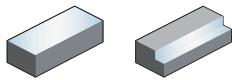
E


Index



Square shoulder milling



EMP09 Kr: 90°



Article	*	Stock	Dimensions [mm]				Teeth row	Teeth	Coupling	kg	Inserts
			ØD	e	ød	L					
EMP09-040x43-A16-LN12-02C	*	○	40	43	16	70	2	8	A	0.4	 LNKT1206PNR-GM
EMP09-050x43-A22-LN12-03C	*	●	50	43	22	70	3	12	A	0.64	
EMP09-063x53-A27-LN12-04C	*	●	63	53	27	80	4	20	A	1.31	
EMP09-080x53-A27-LN12-05C	*	○	80	53	27	80	5	25	A	2.33	

● Ex stock ○ On demand

* With internal cooling

Spare parts		
	Insert	LNKT1206PNR-GM
	ØD	40-80
	Screw (clamp)	I60M4*12 (3.4Nm)
	Wrench	WT15IS

System code > B26

Grade selection > B24

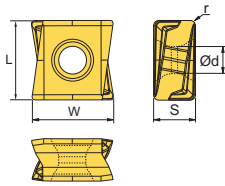
Technical info > B463

Cutting data > B224

- Ideal machining conditions
- ⊗ Normal machining conditions
- ⊗ Unfavourable machining conditions

LNKT	L	S
12 06	12.7	6.75

Milling inserts



			HC ¹ (CVD)						HC ¹ (PVD)						HT	HC ²	HW								
			P																						
			M																						
			K																						
			N																						
			S																						
			H																						
ISO			W	r	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	LNKT120608PNR-GM	12.7	0.8				●				●				●										

● Ex stock ○ On demand

HC¹ Coated carbide
 HT Uncoated cermet
 HC² Coated cermet
 HW Uncoated carbide

A

Turning

B

Milling

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D

Technical Information

E

Index

System code > B26

Grade selection > B24

Technical info > B463

Cutting data > B224



