



FMP12 *Kr: 90°*

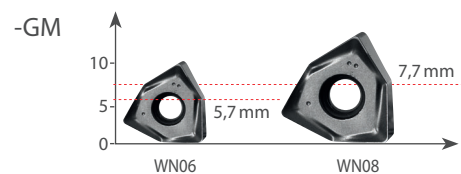
Square shoulder mill

- For steel, stainless steel and cast iron
- Insert with six cutting edges
- Two different insert sizes
- Radii from 0.4–1.6 mm available

Insert grades

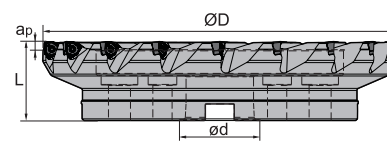
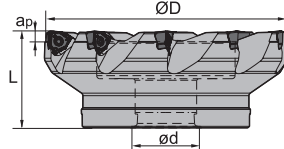
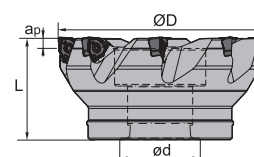
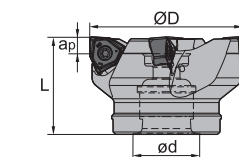
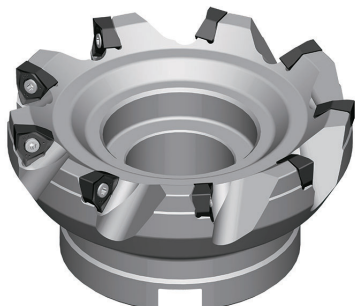
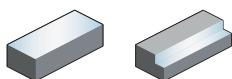
YBM253	YBG205	YBD152	YBD252
CVD	PVD	CVD	CVD
P20–P40	P10–P30	K05–K25	K15–K35
M10–M30	M20–M30		

Chip breaker



Face milling

FMP12 Kr: 90°



Article	*	Stock	Dimensions [mm]			Teeth	Coupling	kg	Inserts
			ØD	ød	ap max				
FMP12-050-A22-WN06-05C	*	○	50	22		5	A	55	WNHU0604
FMP12-063-A22-WN06-06C	*	●	63	22		6	A	45	
FMP12-080-A27-WN06-07C	*	●	80	27		7	A	10	
FMP12-100-B32-WN06-09		●	100	32		9	A	1.4	
FMP12-100-B32-WN06-09C	*	●	100	32		9	A	1.4	
FMP12-125-B40-WN06-11C	*	○	125	40		11	B	3.4	
FMP12-160-C40-WN06-14		○	160	40		14	C	5.4	WNHU0806
FMP12-063-A22-WN08-04C	*	●	63	22		4	A	39	
FMP12-063-A22-WN08-05C	*	●	63	22		5	A	45	
FMP12-080-A27-WN08-05C	*	●	80	27		5	A	95	
FMP12-100-B32-WN08-06		●	100	32		6	B	1.32	
FMP12-100-B32-WN08-06C	*	●	100	32		6	B	1.32	
FMP12-125-B40-WN08-08C	*	○	125	40		8	B	3.3	
FMP12-160-C40-WN08-10		○	160	40		10	C	5.2	
FMP12-200-C60-WN08-12		○	200	60		12	C		
FMP12-250-C60-WN08-14		○	250	60		14	C		
FMP12-315-D60-WN08-18		○	315	60		18	D		

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	WNHU0604	WNHU0806
		ØD	50-315
	Screw (insert)	I60M3*9 (1.8 Nm)	I60M4*10 (3.4 Nm)
	Wrench (insert)	WT09IS	
	Wrench (insert)		WT20IT

System code > B26

Grade selection > B24

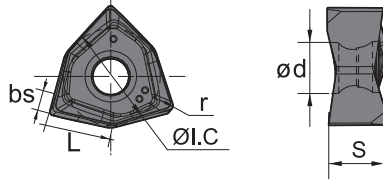
Technical info > B463

Cutting data > B224

Milling inserts

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

WNHU	L	I.C	S	d
06 04	5.73	9.525	4.704	3.5
08 06	7.76	12.7	6.32	4.4

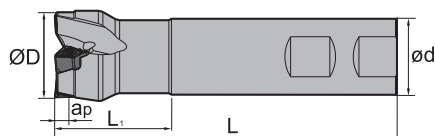
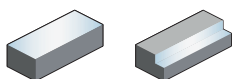
WN** negative insert		HC ¹ (CVD)						HC ¹ (PVD)						HT	HC ²	HW							
	P																						
	M																						
	K																						
	N																						
	S																						
	H																						
ISO		r	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	WNHU060404PNR-GM	0.4				○			○					○									
	WNHU060408PNR-GM	0.8				●			○	○				○									
	WNHU080608PNR-GM	0.8				○		●	●	●				●									
	WNHU080616PNR-GM	1.6				○		●	○														

● Ex stock ○ On demand

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

Face milling

FMP12 Kr: 90°

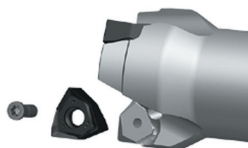


Article	*	Stock	Dimensions [mm]			Teeth	Coupling	kg	Inserts
			ØD	ød	ap max				
FMP12-025-XP25-WN06-02C	*	○	25	25		2		0.38	WNHU0604
FMP12-032-XP25-WN06-03C	*	○	32	25		3		0.47	
FMP12-040-XP32-WN06-04C	*	○	40	32		4		0.85	
FMP12-050-XP40-WN06-05C	*	○	50	40		5		1.59	

● Ex stock ○ On demand

* With internal cooling

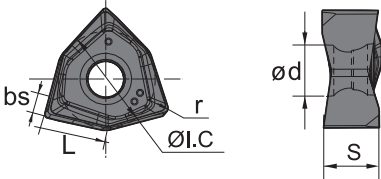
Spare parts		
Insert	WNHU0604	
ØD	25-50	
Screw (insert)	I60M3x9 (1.8 Nm)	
Wrench (insert)	WT09IS	



Milling inserts

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

WNHU	L	I.C	S	d
06 04	5.73	9.525	4.704	3.5

WN** negative insert		HC ¹ (CVD)						HC ¹ (PVD)				HT	HC ²	HW									
	P																						
	M																						
	K																						
	N																						
	S																						
	H																						
ISO		r	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	WNHU060404PNR-GM	0.4				○			○					○									
	WNHU060408PNR-GM	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

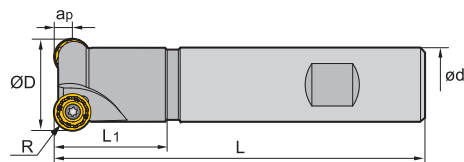
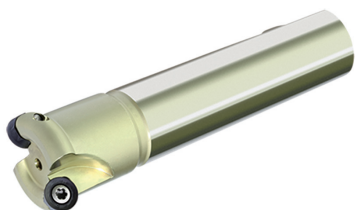
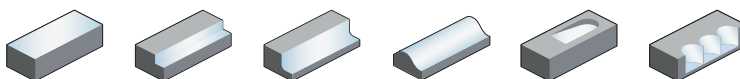
Technical
Information

E

Index

Face milling

FMR01



Article	*	Stock	Dimensions [mm]						Teeth	kg	Inserts
			R	ØD	ød	L ₁	L	a _{p max}			
FMR01-025-XP20-RC10-02		○	5	25	20	30	100	5	2	0.2	RCKT10T3
FMR01-025-XP20-RC10-02C	*	○	5	25	20	30	100	5	2	0.2	
FMR01-032-XP25-RC10-02		●	5	32	25	35	120	5	2	0.5	
FMR01-032-XP25-RC10-02C	*	●	5	32	25	35	120	5	2	0.5	
FMR01-040-XP32-RC12-03		●	6	40	32	40	120	6	3	0.7	RCKT1204 RCGX1204
FMR01-040-XP32-RC12-03C	*	●	6	40	32	40	120	6	3	0.7	
FMR01-050-XP32-RC12-03		●	6	50	32	40	120	6	3	0.8	

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	RCKT10T3	RCKT1204 RCGX1204	
		25-32	40-50	
	Screw (insert)	I60M4*8.4 (3.4 Nm)	I60M3.5*10 (2.7 Nm)	
	Wrench (insert)	WT15S	WT15S	

System code > B26

Grade selection > B24

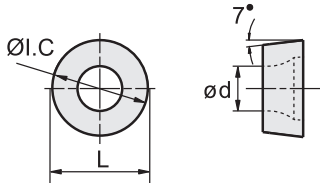
Technical info > B463

Cutting data > B224

Milling inserts

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

RCGX	I.C	S	d
12 04	12	4.76	4

RC** positive insert		HC ¹ (CVD)								HC ¹ (PVD)					HT	HC ²	HW				
	P																				
	M																				
	K																				
	N																				
	S																				
	H																				
ISO		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG320	YBG205	YBG202	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	RCGX1204MO-LH																				

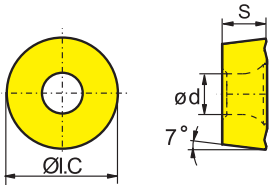
● Ex stock ○ On demand

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

Milling inserts

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

RCKT	I.C	S	d
10 T3	10	3.97	4.4
12 04	12	4.76	4

RC** milling insert		HC ¹ (CVD)								HC ¹ (PVD)					HT	HC ²	HW					
	P	●	●	●	●	●	●			●	●	●	●	●	●	●						
	M	●	●	●	●	●				●	●	●	●	●	●	●						
	K						●	●		●				●	●			●				
	N								●									●	●			
	S				●		●			●	●	●	●									
	H																					
ISO		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	RCKT10T3MO-DM		●	●										●		○						
	RCKT1204MO-DM		●	●		●	●	○						●		○						
	RCKT1204MO-DR		●	●		●	●					○	○									
	RCKT1204MO-ER				●																	
	RCKT1204MO-NM				●		●				●				○	○						

● Ex stock ○ On demand

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

System code > B26

Grade selection > B24

Technical info > B463

Cutting data > B224



A

Turning

B

Milling

C

Drilling

D

Technical
Information

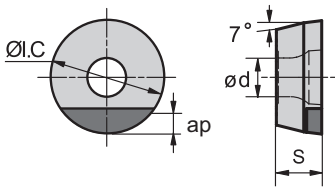
E

Index

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

RCMW	I.C	S	d
12 04	12	4.76	4.1

Milling inserts

RN** negative insert		BL (CBN)	BH (CBN)									
	P											
	M											
	K											
	N											
	S											
	H											
ISO		a _{p max}	YCB121	YCB131	YCB211							
	RCMW1204MO-PCBN	2.7										

● Ex stock ○ On demand

BL (CBN) CBN with a low CBN content
BH (CBN) CBN with a high CBN content

System code > B26

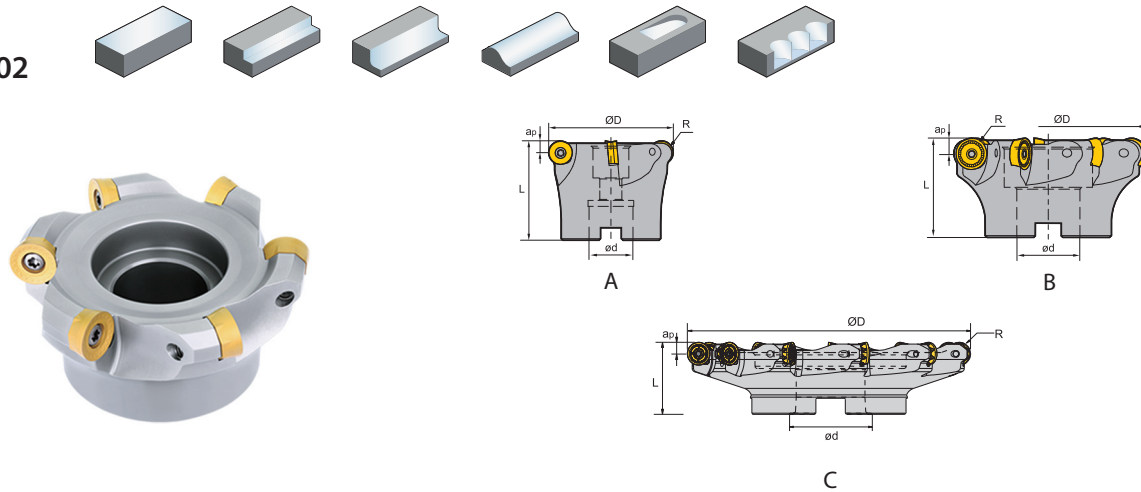
Grade selection > B24

Technical info > B463

Cutting data > B224

Face milling

FMR02



Article	*	Stock	Dimensions [mm]					Teeth	Coupling	kg	Inserts
			R	ØD	ød	L	a _p max				
FMR02-050-A22-RC12-05C	*	●	6	50	22	40	6	5	A	0.7	RCGX1204 RCKT1204 RCMW1204
FMR02-052-A22-RC12-05C	*	●	6	52	22	40	6	5	A	0.7	
FMR02-063-A22-RC12-04		●	6	63	22	40	6	4	A	0.7	
FMR02-063-A22-RC12-06		●	6	63	22	40	6	6	A	0.7	
FMR02-063-A22-RC12-06C	*	●	6	63	22	40	6	6	A	0.7	
FMR02-080-A27-RC12-07C	*	●	6	80	27	50	6	7	B	0.7	
FMR02-100-B32-RC12-08C	*	●	6	100	32	50	6	8	B	0.89	RCKT1606
FMR02-063-A22-RC16-04		●	8	63	22	40	8	4	A	0.7	
FMR02-063-A22-RC16-04C	*	○	8	63	22	40	8	4	A	0.7	
FMR02-066-A27-RC16-05C	*	●	8	66	27	50	8	4	A	0.5	
FMR02-080-B27-RC16-05		●	8	80	27	50	8	5	B	0.7	
FMR02-080-B27-RC16-07		●	8	80	27	50	8	7	B	0.7	
FMR02-100-B32-RC16-06		●	8	100	32	63	8	6	B	1.2	RCKT2006
FMR02-100-A32-RC16-06C	*	○	8	100	32	63	8	6	B	1.2	
FMR02-125-B40-RC16-07		●	8	125	40	63	8	7	B	2.5	
FMR02-160-B40-RC16-10(FB)		○	8	160	40	63	8	10	B	3.94	
FMR02-200-C60-RC16-12FB		●	8	200	60	63	8	12	C	5.4	
FMR02-080-A27-RC20-04		●	10	80	27	50	10	4	A	0.7	RCKT2006
FMR02-080-A27-RC20-04C	*	●	10	80	27	50	10	4	A	0.7	
FMR02-100-B32-RC20-05		●	10	100	32	63	10	5	B	1.2	
FMR02-100-B32-RC20-06		●	10	100	32	63	10	6	B	1.2	
FMR02-100-B32-RC20-06C	*	○	10	100	32	63	10	6	B	1.2	
FMR02-125-B40-RC20-06		●	10	125	40	63	10	6	B	1.2	
FMR02-125-B40-RC20-07		●	10	125	40	63	10	7	B	2.2	RCKT2006
FMR02-125-B40-RC20-07C	*	○	10	125	40	63	10	7	B	2.2	
FMR02-160-B40-RC20-08		●	10	160	40	63	10	8	B	4.2	
FMR02-160-B40-RC20-08C	*	○	10	160	40	63	10	8	B	4.2	
FMR02-250-C60-RC20-10		●	10	250	60	63	10	10	C	8.49	
FMR02-250-C60-RC20-11		○	10	250	60	63	10	11	C	8.37	

● Ex stock ○ On demand

* With internal cooling

System code > B26

Grade selection > B24

Technical info > B463

Cutting data > B224

A

Turning

B

Milling

C

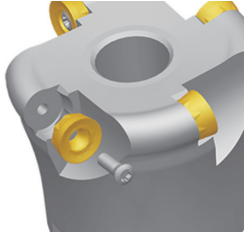
Drilling

D

Technical
Information

E

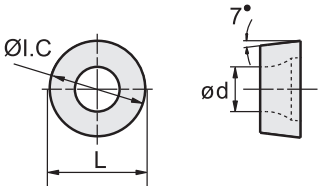
Index

Spare parts					
	Insert	RCGX1204 RCKT1204 RCMW1204	RCKT1606	RCKT2006	
	ØD	50-100	63-200	80-250	
	Screw (insert)	I60M3.5*10 (2.7 Nm)	I60M5*13 (6.7 Nm)	I43M6*16 (9.1 Nm)	
	Wrench (insert)	WT15IS			
	Wrench (insert)		WT20IT	WT25IT	

Milling inserts

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

RCGX	I.C	S	d
12 04	12	4.76	4

RC** positive insert		HC ¹ (CVD)							HC ¹ (PVD)				HT	HC ²	HW							
	P																					
	M																					
	K																					
	N																					
	S																					
	H																					
ISO		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	RCGX1204MO-LH																				●	

● Ex stock ○ On demand

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

System code > B26

Grade selection > B24

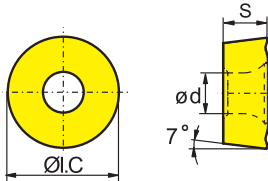
Technical info > B463

Cutting data > B224

-  Ideal machining conditions
 Normal machining conditions
 Unfavourable machining conditions

RCKT	I.C	S	d
12 04	12	4.76	4
16 06	16	6.35	5.56
20 06	20	6.35	6.55

Milling inserts

RC** milling insert			HC ¹ (CVD)						HC ¹ (PVD)						HT	HC ²	HW							
			P																					
			M																					
			K																					
			N																					
			S																					
			H																					
ISO				YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	RCKT1204MO-DM			●	●		●	●	○							●		○						
	RCKT1606MO-DM			●	●		○								○			●						
	RCKT2006MO-DM			○	○		○																	
	RCKT1204MO-DR			●	●		●	●							○	○								
	RCKT1606MO-DR			●	●	●			●	●				○		○								
	RCKT2006MO-DR			●	●	●				○	●					○	○							
	RCKT1204MO-ER						●																	
	RCKT1606MO-ER						●																	
	RCKT2006MO-ER						●																	
	RCKT1204MO-NM						●		●				●			○	○							
	RCKT1606MO-NM						○		○				●			○	○							

● Ex stock

○ On demand

HC¹

HT

HC²

HW

Coated carbide

Uncoated cermet

Coated cermet

Uncoated carbide

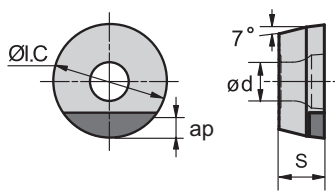
● Ex stock ○ On demand

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

-  Ideal machining conditions
 Normal machining conditions
 Unfavourable machining conditions

RCMW	I.C	S	d
12 04	12	4.76	4.1

Milling inserts

RN** negative insert			BL (CBN)	BH (CBN)											
		P													
		M													
		K													
		N													
		S													
		H													
ISO		a _{p max}	YCB121	YCB131	YCB211										
	RCMW1204MO-PCBN	2.7			○										

● Ex stock ○ On demand

BL (CBN) CBN with a low CBN content
 BH (CBN) CBN with a high CBN content

System code > B26

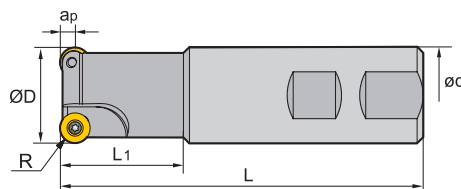
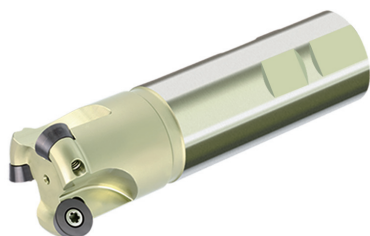
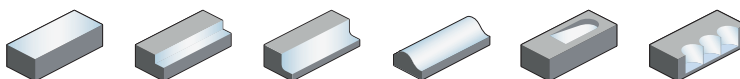
Grade selection > B24

Technical info > B463

Cutting data > B224

Face milling

FMR03



Article	*	Stock	Dimensions [mm]						Teeth	kg	Inserts
			R	ØD	ød	L ₁	L	a _{p max}			
FMR03-016-XP16-RD08-02		○	4	16	16	25	100	4	2	0.1	RDkW0803
FMR03-016-XP16-RD08-02C	*	○	4	16	16	25	100	4	2	0.1	
FMR03-025-XP25-RD08-02		●	4	25	25	30	100	4	2	0.3	
FMR03-025-XP25-RD08-02C	*	○	4	25	25	30	100	4	2	0.3	
FMR03-032-XP32-RD10-02		●	5	32	32	40	120	5	2	0.7	RDkW10T3
FMR03-032-XP32-RD10-02C	*	○	5	32	32	40	120	5	2	0.7	
FMR03-040-XP32-RD12-03		●	6	40	32	40	120	6	3	0.7	RDkW1204
FMR03-040-XP32-RD12-03C	*	○	6	40	32	40	120	6	3	0.7	
FMR03-050-XP32-RD12-04		●	6	50	32	40	120	6	4	0.8	

● Ex stock ○ On demand

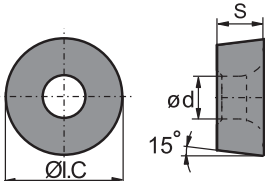
* With internal cooling

Spare parts					
Insert	RDkW0803	RDkW10T3	RDkW1204		
ØD	16-25	32	40-50		
Screw (insert)	I60M3*7 (1.8 Nm)	I60M4*10 (3.4 Nm)	I60M4*10 (3.4 Nm)		
Wrench (insert)	WT09IP	WT15IP	WT15IP		

Milling inserts

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

RDkW	I.C	S	d
08 03	8	3.18	3.4
10 T3	10	3.97	4.4
12 04	12	4.76	4.4

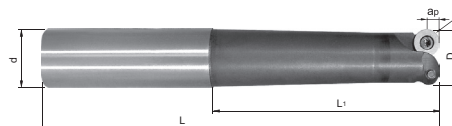
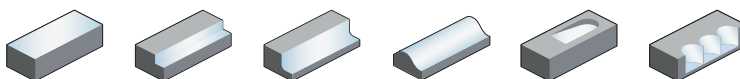
RD** milling insert		HC ¹ (CVD)						HC ¹ (PVD)						HT	HC ²	HW						
	P																					
	M																					
	K																					
	N																					
	S																					
	H																					
ISO		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	RDkW0803MO						●							●								
	RDkW10T3MO	●	○				○			●				●		○						
	RDkW1204MO	●				●	●			●	●	●	●	●		○						

● Ex stock ○ On demand

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

Face milling

FMR03



Article	*	Stock	Dimensions [mm]						Teeth	Inserts
			R	ØD	ød	L ₁	L	a _{p max}		
FMR03-015-G16-XS-RD0702-02		○	3.5	15	16	40	88	3.5	2	RDkW0702
FMR03-015-G16-XS-RD0702-02C	*	○	3.5	15	16	40	88	3.5	2	
FMR03-015-G16-S-RD0702-02C	*	○	3.5	15	16	60	108	3.5	2	
FMR03-015-G20-M-RD0702-02C	*	○	3.5	15	20	80	130	3.5	2	
FMR03-015-G25-XL-RD0702-02C	*	○	3.5	15	25	120	176	3.5	2	
FMR03-020-G20-XS-RD1003-02C	*	○	5	20	20	40	90	5	2	RDkW1003
FMR03-020-G20-S-RD1003-02C	*	○	5	20	20	60	110	5	2	
FMR03-020-G25-M-RD1003-02C	*	○	5	20	25	80	136	5	2	
FMR03-020-G25-L-RD1003-02C	*	○	5	20	25	100	156	5	2	
FMR03-020-G25-XL-RD1003-02C	*	○	5	20	25	120	176	5	2	

● Ex stock ○ On demand

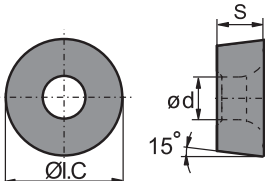
* With internal cooling

Spare parts				
Insert		RDkW0702	RDkW1003	
ØD		15	20	
Screw (insert)		I60M2.5*5.0 (1.0 Nm)	I60M3.5*7.7 (2.7 Nm)	
Wrench (insert)		WT07P	WT15P	

Milling inserts

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

RDkW	I.C	S	d
07 02	7	2.38	2.7
10 03	10	3.18	3.9

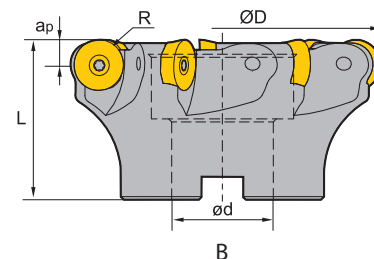
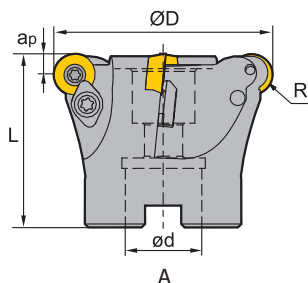
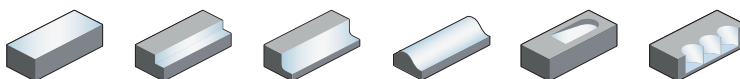
RD** milling insert		HC ¹ (CVD)						HC ¹ (PVD)						HT	HC ²	HW						
	P																					
	M																					
	K																					
	N																					
	S																					
	H																					
ISO		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	RDKW0702MO-1					●								●								
	RDKW0702MO-2									●												
	RDKW1003MO-1				●	●					●	●	●									
	RDKW1003MO-2									●												
	RDKW1003MO-3				●								●									

● Ex stock ○ On demand

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

Face milling

FMR04



Article	✱	Stock	Dimensions [mm]					Teeth	Coupling		Inserts
			R	ØD	ød	L	a _{p max}				
FMR04-050-A22-RD12-03		●	6	50	22	40	6	3	A	0.3	RDkW1204
FMR04-063-A22-RD12-04		●	6	63	22	50	6	4	A	0.5	
FMR04-080-B27-RD16-05		●	8	80	27	50	8	5	B	1.2	RDkW1605
FMR04-100-B32-RD16-06		●	8	100	32	50	8	6	B	1	
FMR04-125-B40-RD20-06		○	10	125	40	63	10	6	B	1.9	RDkW2006
FMR04-125-B40-RD20-06C	✱	○	10	125	40	63	10	6	B	1.9	
FMR04-160-B40-RD20-07		○	10	160	40	63	10	7	B	3.7	

● Ex stock ○ On demand

✱ With internal cooling

Spare parts

	Insert ØD	RDkW1204 50-63	RDkW1605 80-100	RDkW2006 125-160
	Clamp	WD-204	WD-207	
	Screw (clamp)	I60M4*10 (3.4 Nm)	I60M5*13 (6.7 Nm)	
	Screw (insert)	I60M3.5*10 (2.7 Nm)	I60M5*13 (6.7 Nm)	I43M6*16 (9.1 Nm)
	Wrench (clamp)	WT15IP		
	Wrench (clamp)		WT20IT	
	Wrench (insert)	WT15IP		
	Wrench (insert)		WT20IT	WT25IT



System code > B26

Grade selection > B24

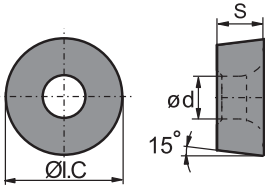
Technical info > B463

Cutting data > B224

Milling inserts

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

RDkW	I.C	S	d
12 04	12	4.76	4.4
16 05	16	5.56	5.5
20 06	20	6.35	6.5

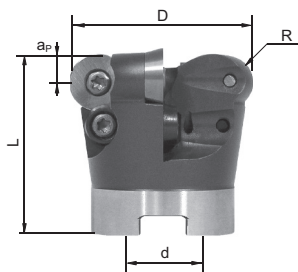
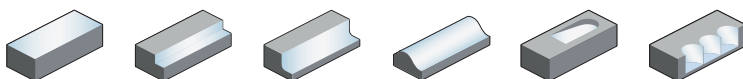
RD** milling insert		HC ¹ (CVD)								HC ¹ (PVD)					HT	HC ²	HW					
		P																				
		M																				
		K																				
		N																				
		S																				
		H																				
ISO		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	RDkW1204MO	●				●	●				●	●	●	●		○						
	RDkW1605MO							○						●	○	○						
	RDkW2006MO		○				●		○													
	RDkW2006MO-3												●									

● Ex stock ○ On demand

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

Face milling

FMR04



Article	*	Stock	Dimensions [mm]					Teeth	Inserts
			R	ØD	ød	L	ap max		
FMR04-042-A16-RD1003-06		●	5	42	16	44	5	6	RDKW1003
FMR04-042-A16-RD1003-06C	*	○	5	42	16	44	5	6	
FMR04-052-A22-RD1003-07		●	5	52	22	50	5	7	
FMR04-052-A22-RD1003-07C	*	○	5	52	22	50	5	7	
FMR04-042-A16-RD12T3-05		●	6	42	16	42	6	5	RDKW12T3
FMR04-042-A16-RD12T3-05C	*	○	6	42	16	42	6	5	
FMR04-052-A22-RD12T3-05		●	6	52	22	50	6	5	
FMR04-052-A22-RD12T3-05C	*	○	6	52	22	50	6	5	
FMR04-066-A27-RD12T3-06		●	6	66	27	50	6	6	
FMR04-066-A27-RD12T3-06C	*	○	6	66	27	50	6	6	
FMR04-080-A27-RD12T3-07		●	6	80	27	50	6	7	RDKW1604
FMR04-080-A27-RD12T3-07C	*	○	6	80	27	50	6	7	
FMR04-052-A22-RD1604-04		●	8	52	22	50	8	4	
FMR04-052-A22-RD1604-04C	*	○	8	52	22	50	8	4	
FMR04-066-A27-RD1604-05		●	8	66	27	50	8	5	
FMR04-066-A27-RD1604-05C	*	○	8	66	27	50	8	5	
FMR04-080-A27-RD1604-06		●	8	80	27	52	8	6	
FMR04-080-A27-RD1604-06C	*	○	8	80	27	52	8	6	
FMR04-100-B32-RD1604-07		●	8	100	32	52	8	7	RDKW1604
FMR04-100-B32-RD1604-07C	*	○	8	100	32	52	8	7	
FMR04-125-B40-RD1604-08		●	8	125	40	52	8	8	
FMR04-160-B40-RD1604-09		●	8	160	40	52	8	9	
FMR04-160-B40-RD1604-09C	*	○	8	160	40	52	8	9	

● Ex stock ○ On demand

* With internal cooling

System code > B26

Grade selection > B24

Technical info > B463

Cutting data > B224

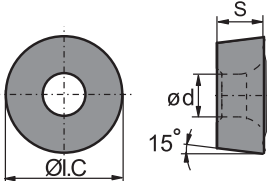
Spare parts

	Insert	RDKW1003	RDKW12T3	RDKW12T3	RDKW1604	RDKW1604
	ØD	42-52	42	52-80	52	66-160
	Clamp					WX16N
	Clamp			LOM3.5*7.1		
	Screw (clamp)					I60M4.5*10 (5.0 Nm)
	Screw (insert)	I60M3.5*7.7 (2.7 Nm)	I60M3.5*7.7 (2.7 Nm)	I60M3.5*7.7 (2.7 Nm)	I60M4.5*10 (5.0 Nm)	I60M4.5*10 (5.0 Nm)
	Wrench (clamp)			WT15P		
	Wrench (clamp)					WT20T
	Wrench (insert)	WT15P	WT15P	WT15P		
	Wrench (insert)				WT20T	WT20T

Milling inserts

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

RDKW	I.C	S	d
10 03	10	3.18	3.9
12 T3	12	3.97	3.9
16 04	16	4.76	5.2

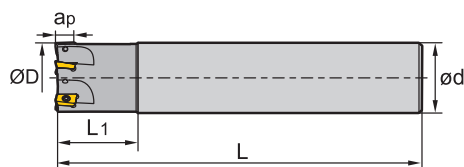
RD** milling insert		HC ¹ (CVD)					HC ¹ (PVD)					HT	HC ²	HW								
	P																					
	M																					
	K																					
	N																					
	S																					
	H																					
ISO		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	RDKW1003MO-1				●	●						●	●	●								
	RDKW1003MO-2									●												
	RDKW1003MO-3				●								●									
	RDKW12T3MO-1				●	●					●	●	●									
	RDKW12T3MO-2									●		○										
	RDKW12T3MO-3				●								●									
	RDKW1604MO-1						●				●	●	●			●						
	RDKW1604MO-2									○												
	RDKW1604MO-3	○	○		●			●		○	●			●								

● Ex stock ○ On demand

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

Square shoulder milling

EMP01 Kr: 90°



Straight shank

Article	*	Stock	Dimensions [mm]					Teeth	kg	Inserts
			ØD	ød	L ₁	L	a _{p max}			
EMP01-012-G12-AP07-02C	*	●	12	12	25	75	6.4	2	0.31	APKT0702
EMP01-014-G16-AP07-03C	*	●	14	16	25	85	6.4	3	0.61	
EMP01-016-G16-AP07-04C	*	●	16	16	30	90	6.4	4	0.75	
EMP01-012-G16-AP11-01		●	12	16	25	85	10.5	1	0.1	APKT11T3
EMP01-016-G16-AP11-02		●	16	16	25	90	10.5	2	0.1	
EMP01-016-G16-AP11-02C	*	○	16	16	25	90	10.5	2	0.1	
EMP01-020-G20-AP11-02		●	20	20	30	100	10.5	2	0.2	
EMP01-020-G20-AP11-02C	*	●	20	20	30	100	10.5	2	0.2	
EMP01-020-G20-AP11-03		○	20	20	30	100	10.5	3	0.2	
EMP01-020-G20-AP11-03C	*	●	20	20	30	100	10.5	3	0.2	
EMP01-025-G25-AP11-03		●	25	25	35	115	10.5	3	0.4	
EMP01-025-G25-AP11-03C	*	○	25	25	35	115	10.5	3	0.4	
EMP01-025-G25-AP11-04		●	25	25	35	115	10.5	4	0.4	
EMP01-025-G25-AP11-04C	*	●	25	25	35	115	10.5	4	0.4	APKT1604
EMP01-032-G32-AP11-04		●	32	32	40	125	10.5	4	0.7	
EMP01-032-G32-AP11-04C	*	●	32	32	40	125	10.5	4	0.7	
EMP01-025-G25-AP16-02		●	25	25	35	115	15.5	2	0.4	
EMP01-025-G25-AP16-02C	*	●	25	25	35	115	15.5	2	0.4	
EMP01-032-G32-AP16-03		●	32	32	40	125	15.5	3	0.7	
EMP01-032-G32-AP16-03C	*	●	32	32	40	125	15.5	3	0.7	
EMP01-040-G32-AP16-03		●	40	32	42	130	15.5	3	0.7	
EMP01-040-G32-AP16-03C	*	●	40	32	42	130	15.5	3	0.7	
EMP01-040-G32-AP16-04		●	40	32	42	130	15.5	4	0.8	
EMP01-040-G32-AP16-04C	*	○	40	32	42	130	15.5	4	0.8	
EMP01-050-G32-AP16-05		●	50	32	45	135	15.5	5	1	
EMP01-063-G32-AP16-06		●	63	32	45	135	15.5	6	1.4	

● Ex stock ○ On demand

* With internal cooling

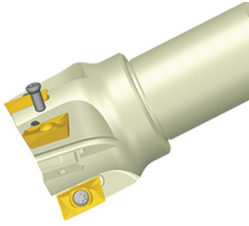
System code > B26

Grade selection > B24

Technical info > B463

Cutting data > B224

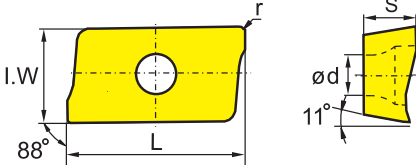
Spare parts

	Insert	APKT0702	APKT11T3	APKT1604	
	ØD	12-25	12-32	25-63	
	Screw (insert)	I60M1,8x4 (0.3 Nm)		I60M4*8.4 (3.4 Nm)	
	Screw (insert)		I60M2.5*6.5T (1.0 Nm)		
	Wrench (insert)	WT05IP	WT08IP		
	Wrench (insert)			WT15S	

Milling inserts

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

APKT	L	S	d
07 02	4.26	2.38	2
11 T3	12.24	3.6	2.8
16 04	17.877	5.76	4.4

AP** milling insert				HC ¹ (CVD)								HC ¹ (PVD)					HT	HC ²	HW				
			P																				
			M																				
			K																				
			N																				
			S																				
			H																				
ISO	r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	APKT11T304-ALH	0.4	6.5																				
	APKT11T308-ALH	0.8	6.5																				
	APKT160408-ALH	0.8	9.33																				
	APKT11T304-APF	0.4	6.5																				
	APKT11T308-APF	0.8	6.5																				
	APKT160408-APF	0.8	9.33																				
	APKT070204-APM	0.4	6.91																				
	APKT11T304-APM	0.4	6.5																				
	APKT11T308-APM	0.8	6.5																				
	APKT11T312-APM	1.2	6.5																				
	APKT11T316-APM	1.6	6.5																				
	APKT11T320-APM	2	6.5																				
	APKT160408-APM	0.8	9.33																				
	APKT160416-APM	1.6	9.33																				
	APKT160420-APM	2	9.33																				
	APKT160424-APM	2.4	9.33																				
	APKT160430-APM	3	9.33																				
	APKT11T304-LH	0.4	6.5																				
	APKT11T308-LH	0.8	6.5																				
	APKT160408-LH	0.8	9.33																				

● Ex stock ○ On demand

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

System code > B26

Grade selection > B24

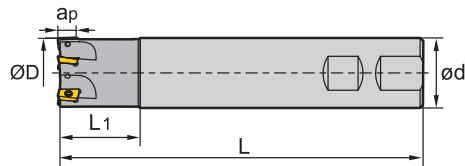
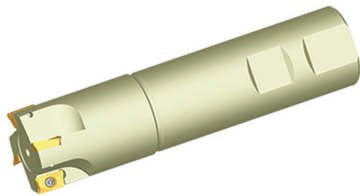
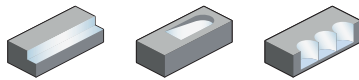
Technical info > B463

Cutting data > B224



Square shoulder milling

EMP01 Kr: 90°



Weldon shank

Article	*	Stock	Dimensions [mm]					Teeth	kg	Inserts
			ØD	ød	L ₁	L	a _p max			
EMP01-020-XP20-AP07-05C	*	●	20	20	30	100	6.4	5	0.31	APKT0702
EMP01-025-XP25-AP07-07C	*	●	25	25	35	115	6.4	7	0.61	
EMP01-012-XP16-AP11-01		●	12	16	25	85	10.5	1	0.1	
EMP01-012-XP16-AP11-01C	*	○	12	16	25	85	10.5	1	0.1	APKT11T3
EMP01-016-XP16-AP11-02		●	16	16	25	90	10.5	2	0.1	
EMP01-016-XP16-AP11-02C	*	○	16	16	25	90	10.5	2	0.1	
EMP01-020-XP20-AP11-02		●	20	20	30	100	10.5	2	0.2	
EMP01-020-XP20-AP11-02C	*	○	20	20	30	100	10.5	2	0.2	
EMP01-020-XP20-AP11-03		●	20	20	30	100	10.5	3	0.2	
EMP01-020-XP20-AP11-03C	*	●	20	20	30	100	10.5	3	0.2	
EMP01-025-XP25-AP11-03		●	25	25	35	115	10.5	3	0.4	
EMP01-025-XP25-AP11-03C	*	●	25	25	35	115	10.5	3	0.4	
EMP01-025-XP25-AP11-04		●	25	25	35	115	10.5	4	0.4	
EMP01-025-XP25-AP11-04C	*	○	25	25	35	115	10.5	4	0.4	APKT1604
EMP01-032-XP32-AP11-04		●	32	32	40	125	10.5	4	0.7	
EMP01-032-XP32-AP11-04C	*	○	32	32	40	125	10.5	4	0.7	
EMP01-025-XP25-AP16-02		●	25	25	35	115	15.5	2	0.4	
EMP01-025-XP25-AP16-02C	*	○	25	25	35	115	15.5	2	0.4	
EMP01-032-XP32-AP16-03		●	32	32	40	125	15.5	3	0.7	
EMP01-032-XP32-AP16-03C	*	○	32	32	40	125	15.5	3	0.7	
EMP01-040-XP32-AP16-04		●	40	32	42	130	15.5	4	0.8	
EMP01-040-XP32-AP16-04C	*	○	40	32	42	130	15.5	4	0.8	
EMP01-050-XP32-AP16-05		●	50	32	45	135	15.5	5	1	
EMP01-063-XP32-AP16-06		○	63	32	45	135	15.5	6	1.4	

● Ex stock ○ On demand

* With internal cooling

A

Turning

B

Milling

C

Drilling

D

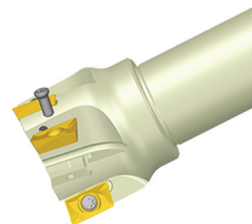
Technical Information

E

Index

Spare parts

	Insert	APKT0702	APKT11T3	APKT1604
	ØD	12-25	12-32	25-63
	Screw (insert)	I60M1,8x4 (0.3 Nm)		I60M4*8.4 (3.4 Nm)
	Screw (insert)		I60M2.5*6.5T (1.0 Nm)	
	Wrench (insert)	WT05IP	WT08IP	
	Wrench (insert)			WT15S



Milling inserts

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

APKT	L	S	d
07 02	4.26	2.38	2
11 T3	12.24	3.6	2.8
16 04	17.877	5.76	4.4

AP** milling insert				HC ¹ (CVD)								HC ¹ (PVD)						HT	HC ²	HW					
 			P																						
			M																						
			K																						
			N																						
			S																						
			H																						
ISO			r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	APKT11T304-ALH	0.4	6.5										●											●	●
	APKT11T308-ALH	0.8	6.5										●											●	●
	APKT160408-ALH	0.8	9.33										●											●	●
	APKT11T304-APF	0.4	6.5												●										
	APKT11T308-APF	0.8	6.5												●										
	APKT160408-APF	0.8	9.33												●	○		○							
	APKT070204-APM	0.4	6.91								●		●												
	APKT11T304-APM	0.4	6.5				●			●			●												
	APKT11T308-APM	0.8	6.5				●			●			●												
	APKT11T312-APM	1.2	6.5				●			●			●												
	APKT11T316-APM	1.6	6.5				●			●			●												
	APKT11T320-APM	2	6.5				●			●			●												
	APKT160408-APM	0.8	9.33				●			●	●		●												
	APKT160416-APM	1.6	9.33				●			●			●												
	APKT160420-APM	2	9.33				●			●			●												
	APKT160424-APM	2.4	9.33				●			●			●												
	APKT160430-APM	3	9.33				●			●			●												
	APKT11T304-LH	0.4	6.5																					●	●
	APKT11T308-LH	0.8	6.5																					●	●
	APKT160408-LH	0.8	9.33																					●	●

● Ex stock ○ On demand

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

System code > B26

Grade selection > B24

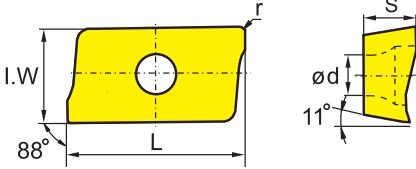
Technical info > B463

Cutting data > B224

Milling inserts

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

APKT	L	S	d
07 02	4.26	2.38	2
11 T3	12.24	3.6	2.8
16 04	17.877	5.76	4.4

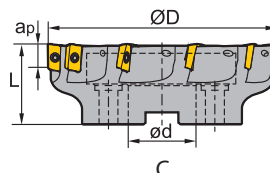
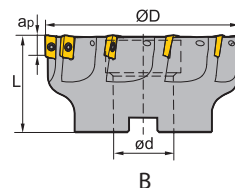
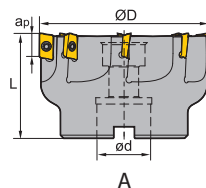
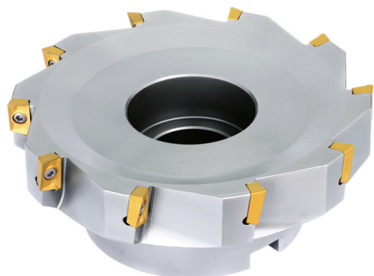
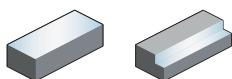
AP** milling insert				HC ¹ (CVD)								HC ¹ (PVD)				HT	HC ²	HW						
			P																					
			M																					
			K																					
			N																					
			S																					
			H																					
ISO		r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	APKT11T304-PF	0.4	6.5		○			●					●			●		●						
	APKT11T308-PF	0.8	6.5					○					○			●								
	APKT11T312-PF	1.2	6.5													○								
	APKT11T316-PF	1.6	6.5													○								
	APKT160408-PF	0.8	9.33		●			○	●								●		●					
	APKT160430-PF	3	9.33	○																				
	APKT11T304-PM	0.4	6.5	●	●	○		●	●			○			●		●							
	APKT11T308-PM	0.8	6.5	●	●		●	●	●	●	●	●		●	●	●		●						
	APKT11T312-PM	1.2	6.5					○				○				●		○						
	APKT11T316-PM	1.6	6.5						●			○				●		○						
	APKT160408-PM	0.8	9.33	●	●	●	●	●	●	●	●	●		●	●	●		●						
	APKT160416-PM	1.6	9.33	○												●								
	APKT11T304-PR	0.4	6.5						○							○		○						
	APKT11T316-PR	1.6	6.5															○						

● Ex stock ○ On demand

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

Square shoulder milling

EMP02 Kr: 90°



Article	*	Stock	Dimensions [mm]				Teeth	Coupling	kg	Inserts
			ØD	ød	L	ap max				
EMP02-032-A16-AP07-08C	*	●	32	16	35	6.4	8	A	34	APKT0702
EMP02-040-A16-AP07-10C	*	●	40	16	40	6.4	10	A	40	
EMP02-050-A22-AP07-12C	*	●	50	22	40	6.4	12	A	0.6	
EMP02-040-A16-AP11-04C	*	●	40	16	40	11	4	A	0.237	
EMP02-040-A16-AP11-05C	*	●	40	16	40	11	5	A	0.177	APKT11T3
EMP02-040-A16-AP11-06C	*	●	40	16	40	11	6	A	0.234	
EMP02-050-A22-AP11-06		●	50	22	40	11	6	A	0.3	
EMP02-050-A22-AP11-06C	*	●	50	22	40	11	6	A	0.3	
EMP02-050-A22-AP11-07C	*	●	50	22	40	11	7	A	0.39	APKT1604
EMP02-063-A22-AP11-08		●	63	22	40	11	8	A	0.6	
EMP02-063-A22-AP11-08C	*	●	63	22	40	11	8	A	0.6	
EMP02-063-A22-AP11-09C	*	●	63	22	40	11	9	A	0.54	
EMP02-080-A27-AP11-08		●	80	27	50	11	8	A	1.2	APKT1604
EMP02-080-A27-AP11-08C	*	●	80	27	50	11	8	A	1.2	
EMP02-080-A27-AP11-10C	*	●	80	27	50	11	10	A	1.13	
EMP02-100-B32-AP11-10		●	100	32	50	11	10	B	1.7	
EMP02-100-B32-AP11-10C	*	○	100	32	50	11	10	B	1.7	APKT1604
EMP02-125-B40-AP11-10		○	125	40	63	11	10	B	3.42	
EMP02-040-A16-AP16-03		○	40	16	40	15.5	3	A	0.17	
EMP02-040-A16-AP16-04C	*	●	40	16	40	15.5	4	A	0.17	
EMP02-050-A22-AP16-05		●	50	22	40	15.5	5	A	0.3	APKT1604
EMP02-050-A22-AP16-05C	*	●	50	22	40	15.5	5	A	0.3	
EMP02-063-A22-AP16-06		●	63	22	40	15.5	6	A	0.5	
EMP02-063-A22-AP16-06C	*	●	63	22	40	15.5	6	A	0.5	
EMP02-080-A27-AP16-06C	*	○	80	27	50	15.5	6	A	1.08	APKT1604
EMP02-080-A27-AP16-07		●	80	27	50	15.5	7	A	1.1	
EMP02-080-A27-AP16-07C	*	●	80	27	50	15.5	7	A	1.1	
EMP02-100-B32-AP16-08		●	100	32	50	15.5	8	B	1.6	

● Ex stock ○ On demand

* With internal cooling

System code > B26

Grade selection > B24

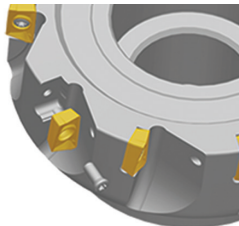
Technical info > B463

Cutting data > B224

Article	*	Stock	Dimensions [mm]				Teeth	Coupling		Inserts 
			ØD	ød	L	a _p max				
EMP02-100-B32-AP16-08C	*	●	100	32	50	15.5	8	B	1.6	APKT1604
EMP02-125-B40-AP16-06C	*	○	125	40	63	15.5	6	B	3.18	
EMP02-125-B40-AP16-10		○	125	40	63	15.5	10	B	3.2	
EMP02-125-B40-AP16-10C	*	○	125	40	63	15.5	10	B	3.2	
EMP02-160-B40-AP16-07C	*	○	160	40	63	15.5	7	B	4.3	
EMP02-160-B40-AP16-10		○	160	40	63	15.5	10	B	6.3	
EMP02-160-B40-AP16-10C	*	○	160	40	63	15.5	10	B	6.3	
EMP02-200-C60-AP16-12		○	200	60	63	15.5	12	C	8.1	
EMP02-250-C60-AP16-12		○	250	60	63	15.5	12	C	11.2	

● Ex stock ○ On demand

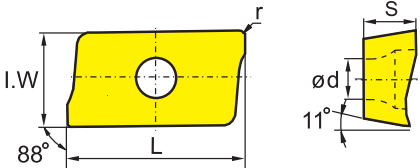
* With internal cooling

Spare parts					
Insert	APKT0702	APKT11T3	APKT1604		
ØD	32-50	40-125	40-250		
 Screw (insert)	I60M1,8x4 (0.3 Nm)		I60M4*10 (3.4 Nm)		
 Screw (insert)		I60M2.5*6.5T (1.0 Nm)			
 Wrench (insert)	WT05IP				
 Wrench (insert)		WT08IS	WT15IS		

Milling inserts

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

APKT	L	S	d
07 02	4.26	2.38	2
11 T3	12.24	3.6	2.8
16 04	17.877	5.76	4.4

AP** milling insert				HC ¹ (CVD)								HC ¹ (PVD)					HT	HC ²	HW							
				P																						
				M																						
				K																						
				N																						
				S																						
				H																						
ISO				r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	APKT11T304-ALH				0.4	6.5								●										●	●	
	APKT11T308-ALH				0.8	6.5								●										●	●	
	APKT160408-ALH				0.8	9.33								●										●	●	

● Ex stock ○ On demand

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

System code > B26

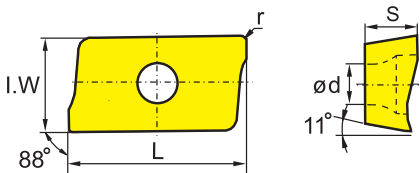
Grade selection > B24

Technical info > B463

Cutting data > B224

Milling inserts

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

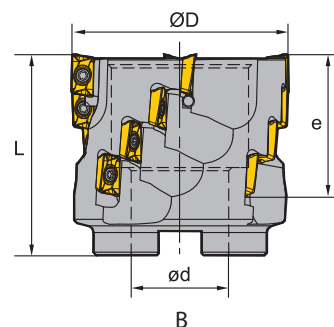
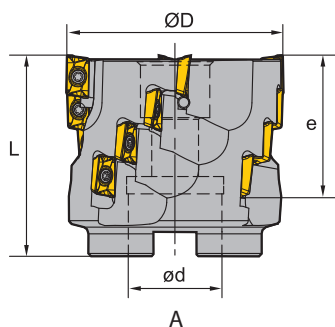
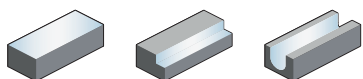
AP** milling insert				HC ¹ (CVD)										HC ¹ (PVD)						HT	HC ²	HW			
				P																					
				M																					
				K																					
				N																					
				S																					
				H																					
ISO			r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YB9320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	APKT11T304-APF	0.4	6.5												●										
	APKT11T308-APF	0.8	6.5												●										
	APKT160408-APF	0.8	9.33												●	○		○							
	APKT070204-APM	0.4	6.91								●			●											
	APKT11T304-APM	0.4	6.5				●			●				●											
	APKT11T308-APM	0.8	6.5				●			●				●											
	APKT11T312-APM	1.2	6.5				●			●				●											
	APKT11T316-APM	1.6	6.5				●			●				●											
	APKT11T320-APM	2	6.5				●			●				●											
	APKT160408-APM	0.8	9.33				●			●	●			●											
	APKT160416-APM	1.6	9.33				●			●				●											
	APKT160420-APM	2	9.33				●			●				●											
	APKT160424-APM	2.4	9.33				●			●				●											
	APKT160430-APM	3	9.33				●			●				●											
	APKT11T304-LH	0.4	6.5																					●	●
	APKT11T308-LH	0.8	6.5																					●	●
	APKT160408-LH	0.8	9.33																					●	●
	APKT11T304-PF	0.4	6.5		○		●							●		●	●								
	APKT11T308-PF	0.8	6.5					○						○		●									
	APKT11T312-PF	1.2	6.5														○								
	APKT11T316-PF	1.6	6.5														○								
	APKT160408-PF	0.8	9.33		●			○	●							●		●							
	APKT160430-PF	3	9.33	○																					
	APKT11T304-PM	0.4	6.5	●	●	○		●	●					○		●		●							
	APKT11T308-PM	0.8	6.5	●	●		●	●	●	●	●			●	●	●	●								
	APKT11T312-PM	1.2	6.5					○						○		●		○							
	APKT11T316-PM	1.6	6.5						●					○		●		○							
	APKT160408-PM	0.8	9.33	●	●	●	●	●	●	●	●	●		●	●	●	●								
	APKT160416-PM	1.6	9.33	○												●									
	APKT11T304-PR	0.4	6.5						○							○		○							
	APKT11T316-PR	1.6	6.5															○							

- Ex stock ○ On demand

- | | |
|-----------------|------------------|
| HC ¹ | Coated carbide |
| HT | Uncoated cermet |
| HC ² | Coated cermet |
| HW | Uncoated carbide |

Square shoulder milling

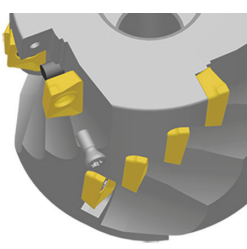
EMP03 Kr: 90°



Article	*	Stock	Dimensions [mm]				Teeth	Coupling	No. of inserts	kg	Inserts
			ØD	e	ød	L					
EMP03-050-A22-AP11-04		●	50	39	22	58	4	A	16	0.5	APKT11T3
EMP03-050-A22-AP11-04C	*	○	50	39	22	58	4	A	16	0.5	
EMP03-063-A27-AP11-04		●	63	39	27	58	4	A	16	0.9	
EMP03-063-A27-AP11-04C	*	○	63	39	27	58	4	A	16	0.9	
EMP03-080-B32-AP11-05		●	80	39	32	63	5	B	20	1.3	
EMP03-080-B32-AP11-05C	*	○	80	39	32	63	5	B	20	1.3	
EMP03-100-B40-AP11-06		●	100	39	40	63	6	B	24	2	
EMP03-100-B40-AP11-06C	*	○	100	39	40	63	6	B	24	2	

● Ex stock ○ On demand

* With internal cooling

Spare parts			
	Insert	APKT11T3	
	ØD	50-100	
	Screw (insert)	I60M2.5*6.5T (1.0Nm)	
	Wrench (insert)	WT08IS	

A

Turning

B

Milling

C

Drilling

D

Technical Information

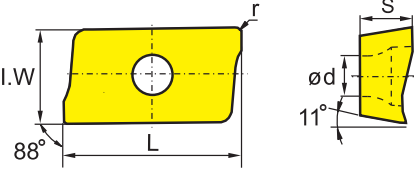
E

Index

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

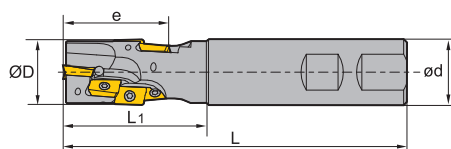
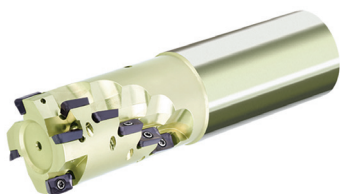
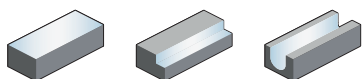
APKT	L	S	d
11 T3	12.24	3.6	2.8

Milling inserts

AP** milling insert				HC ¹ (CVD)								HC ¹ (PVD)						HT	HC ²	HW						
				P																						
				M																						
				K																						
				N																						
				S																						
				H																						
ISO				r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	APKT11T304-ALH	0.4	6.5																							
	APKT11T308-ALH	0.8	6.5																							
	APKT11T304-APF	0.4	6.5																							
	APKT11T308-APF	0.8	6.5																							
	APKT11T304-APM	0.4	6.5																							
	APKT11T308-APM	0.8	6.5																							
	APKT11T312-APM	1.2	6.5																							
	APKT11T316-APM	1.6	6.5																							
	APKT11T320-APM	2	6.5																							
	APKT11T304-LH	0.4	6.5																							
	APKT11T308-LH	0.8	6.5																							
	APKT11T304-PF	0.4	6.5																							
	APKT11T308-PF	0.8	6.5																							
	APKT11T312-PF	1.2	6.5																							
	APKT11T316-PF	1.6	6.5																							
	APKT11T304-PM	0.4	6.5																							
	APKT11T308-PM	0.8	6.5																							
	APKT11T312-PM	1.2	6.5																							
	APKT11T316-PM	1.6	6.5																							
	APKT11T304-PR	0.4	6.5																							
	APKT11T316-PR	1.6	6.5																							

Square shoulder milling

EMP04 Kr: 90°



Weldon shank

Article	*	Stock	Dimensions [mm]					Teeth	No. of inserts	kg	Inserts
			ØD	e	ød	L ₁	L				
EMP04-020-XP20-AP11-01	●		20	29.4	20	45	120	1	3	0.3	APKT11T3
EMP04-025-XP25-AP11-02	●		25	38.9	25	55	130	2	8	0.4	
EMP04-032-XP32-AP11-02	●		32	48.5	32	65	140	2	10	0.7	
EMP04-040-XP40-AP11-02	●		40	58	40	75	150	2	14	1.3	

● Ex stock ○ On demand

* With internal cooling

Spare parts			
	Insert	APKT11T3	
	ØD	20-40	
	Screw (insert)	I60M2.5*6.5T (1.0Nm)	
	Wrench (insert)	WT08IS	

A

Turning

B

Milling

C

Drilling

D

Technical
Information

E

Index

A

Turning

Milling inserts

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

APKT	L	S	d
11 T3	12.24	3.6	2.8

AP** milling insert		HC ¹ (CVD)	HC ¹ (PVD)	HT	HC ²	HW
	P	● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●	● ● ● ●	● ● ● ●	
	M	● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●	● ● ● ●	● ● ● ●	
	K		● ● ● ● ● ● ● ●	● ● ● ●	● ● ● ●	● ● ● ●
	N		● ● ● ● ● ● ● ●	● ● ● ●	● ● ● ●	● ● ● ●
	S	● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●	● ● ● ●	● ● ● ●	
	H					

B

Milling

ISO		r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
	APKT11T304-ALH	0.4	6.5									●											●	●
	APKT11T308-ALH	0.8	6.5									●											●	●
	APKT11T304-APF	0.4	6.5											●										
	APKT11T308-APF	0.8	6.5											●										
	APKT11T304-APM	0.4	6.5				●			●				●										
	APKT11T308-APM	0.8	6.5				●			●				●										
	APKT11T312-APM	1.2	6.5				●			●				●										
	APKT11T316-APM	1.6	6.5				●			●				●										
	APKT11T320-APM	2	6.5				●			●				●										
	APKT11T304-LH	0.4	6.5																				●	●
	APKT11T308-LH	0.8	6.5																				●	●
	APKT11T304-PF	0.4	6.5	○			●						●			●		●						
	APKT11T308-PF	0.8	6.5					○					○			●								
	APKT11T312-PF	1.2	6.5														○							
	APKT11T316-PF	1.6	6.5														○							
	APKT11T304-PM	0.4	6.5	●	●	○		●	●				○			●		●						
	APKT11T308-PM	0.8	6.5	●	●		●	●	●	●	●		●		●	●	●		●					
	APKT11T312-PM	1.2	6.5					○					○			●		○						
	APKT11T316-PM	1.6	6.5					●					○			●		○						
	APKT11T304-PR	0.4	6.5						○							○		○						
	APKT11T316-PR	1.6	6.5															○						

● Ex stock ○ On demand

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

E

Index

System code > B26

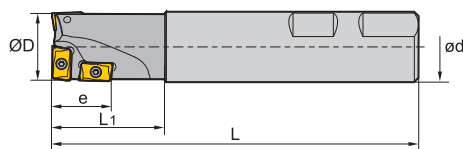
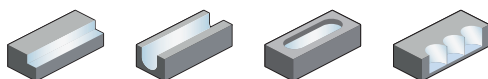
Grade selection > B24

Technical info > B463

Cutting data > B224

Square shoulder milling

EMP05 Kr: 90°



Weldon shank

Article	*	Stock	Dimensions [mm]					Teeth	kg	Inserts
			ØD	e	ød	L ₁	L			
EMP05-025-XP25		○	25	20	25	40	130	3	0.5	APMT1135
EMP05-025-XP25C	*	●	25	20	25	40	130	3	0.5	
EMP05-032-XP32C	*	○	32	30	32	50	140	3	0.8	APMT1604
EMP05-040-XP32C	*	○	40	40	32	60	150	4	1	

● Ex stock ○ On demand

* With internal cooling

Spare parts				
	Insert	APMT1135	APMT1604	
	ØD	25	32-40	
	Screw (insert)		I60M4*10 (3.4 Nm)	
	Screw (insert)	I60M2.5*6.5T (1.0Nm)		
	Wrench (insert)	WT08IP	WT15IP	

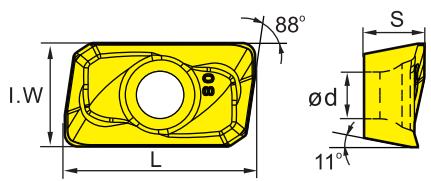
A

Turning

Milling inserts

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

APMT	L	S	d
11 35	11.25	3.5	2.8
16 04	17.25	4.76	4.4

AN** milling insert					HC ¹ (CVD)					HC ¹ (PVD)					HT	HC ²	HW										
					P																						
					M																						
					K																						
					N																						
					S																						
					H																						
ISO					r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG320	YBG205	YBG202	YBG212	YBG302	YBG152	YBG252	YNG151	YNG151C	YD101	YD201
APMT1135PDR					0.8	6.2					○							●	○		○						
APMT160408PDER					0.8	9.25					○							●	○		○						

● Ex stock ○ On demand

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

B

Milling

C

Drilling

D

Technical Information

E

Index

System code > B26

Grade selection > B24

Technical info > B463

Cutting data > B224