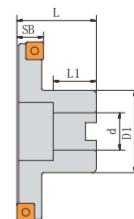
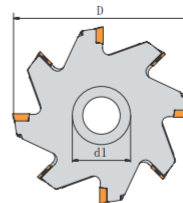
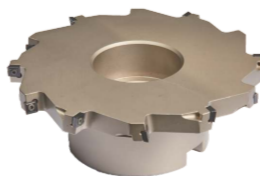
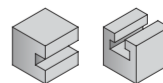


DFC

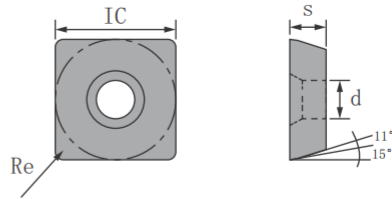
Slot Milling Cutter



High speed three-edge milling cutter specifications

Model	Size								Insert	Screws	Wrench
	D	L	L1	D1	d1	d	T	SB			
DFC. B. 080. Z08. 06-22	80	40	22	42	32	22	2×4	6	SPMG050204	TS2003	TK06
DFC. B. 080. Z08. 07-22								7	SPMG050204	TS2003	TK06
DFC. B. 080. Z08. 08-22								8	SPMG060204	TS2205	TK06
DFC. B. 080. Z08. 09-22								9	SPMG060204	TS2205	TK06
DFC. B. 080. Z08. 10-22								10	SPMG060204	TS2205	TK06
DFC. B. 080. Z08. 11-22								11	SPMG07T308	TS2511	TK08
DFC. B. 080. Z08. 12-22								12	SPMG07T308	TS2511	TK08
DFC. B. 100. Z10. 06-27	100	40	22	50	32	27	2×5	6	SPMG050204	TS2003	TK06
DFC. B. 100. Z10. 07-27								7	SPMG050204	TS2003	TK06
DFC. B. 100. Z10. 08-27								8	SPMG060204	TS2205	TK08
DFC. B. 100. Z10. 09-27								9	SPMG060204	TS2205	TK08
DFC. B. 100. Z10. 10-27								10	SPMG060204	TS2205	TK08
DFC. B. 100. Z10. 11-27								11	SPMG07T308	TS2511	TK08
DFC. B. 100. Z10. 12-27								12	SPMG07T308	TS2511	TK08
DFC. B. 100. Z10. 14-27								14	SPMG090408	TS3504	TK15
DFC. B. 100. Z10. 16-27								16	SPMG090408	TS3504	TK15
DFC. B. 125. Z12. 06-32	125	45	25	70	46	32	2×6	6	SPMG050204	TS2003	TK06
DFC. B. 125. Z12. 07-32								7	SPMG050204	TS2003	TK06
DFC. B. 125. Z12. 08-32								8	SPMG060204	TS2205	TK06
DFC. B. 125. Z12. 10-32								10	SPMG060204	TS2205	TK06
DFC. B. 125. Z12. 11-32								11	SPMG07T308	TS2511	TK08
DFC. B. 125. Z12. 12-32								12	SPMG07T308	TS2511	TK08
DFC. B. 125. Z12. 14-32								14	SPMG090408	TS3504	TK15
DFC. B. 125. Z12. 16-32								16	SPMG090408	TS3504	TK15
DFC. B. 125. Z10. 18-32	125	45	25	70	46	32	2×5	18	SPMG110408	TS4006	TK15
DFC. B. 125. Z10. 20-32								20	SPMG110408	TS4006	TK15
DFC. B. 125. Z10. 25-32								25	SPMG140512	TS5009	TK20
DFC. B. 160. Z16. 11-40	160	50	28	80	52	40	2×8	11	SPMG07T308	TS2511	TK08
DFC. B. 160. Z16. 12-40								12	SPMG07T308	TS2511	TK08
DFC. B. 160. Z16. 14-40								14	SPMG090408	TS3504	TK15
DFC. B. 160. Z16. 16-40								16	SPMG090408	TS3504	TK15
DFC. B. 160. Z12. 18-40	160	50	28	80	52	40	2×6	18	SPMG110408	TS4006	TK15
DFC. B. 160. Z12. 20-40								20	SPMG110408	TS4006	TK15
DFC. B. 160. Z12. 25-40								25	SPMG140512	TS5009	TK20
DFC. B. 200. Z18. 14-40	200	50	28	90	52	40	2×9	14	SPMG090408	TS3504	TK15
DFC. B. 200. Z18. 16-40								16	SPMG090408	TS3504	TK15
DFC. B. 200. Z14. 18-40	200	50	28	90	52	40	2×7	18	SPMG110408	TS4006	TK15
DFC. B. 200. Z14. 20-40								20	SPMG110408	TS4006	TK15
DFC. B. 200. Z14. 25-40								25	SPMG140512	TS5009	TK20

Inserts specifications



Model	Material		Size			
	PVD		IC	S	Re	d
	HPA025B	HPA225B				
SPMG050204-UM	●	●	5	2.38	0.4	2.25
SPMG060204-UM	●	●	6	2.38	0.4	2.61
SPMG07T308-UM	●	●	7.94	3.97	0.8	2.85
SPMG090408-UM	●	●	9.8	4.3	0.8	4.05
SPMG140512-UM	●	●	14.3	5.2	1.2	5.75

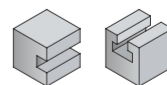
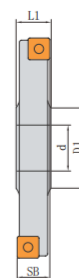
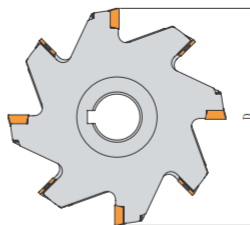
Remark: ● In stock ○ Reservations

Recommended cutting parameters

	Workpieces material	Hardness	Insert material	Vc(m/min)	fz(mm/t)
P	Low carbon steel	HB125	HPA025B	170-210	0.1-0.22
	Carbon steel (annealing)	HB190	HPA025B	100-140	0.1-0.22
	Carbon steel (hot refining)	HB250	HPA025B	90-120	0.1-0.22
	Alloy steel (annealing)	HB180	HPA025B	90-120	0.1-0.22
	Alloy steel (hot refining)	HB275	HPA025B	80-110	0.08-0.2
	High carbon alloy steel	HB280	HPA025B	70-90	0.08-0.2
M	Austenitic stainless steel	HB220	HPA225B	110-140	0.08-0.2
	Martensitic stainless steel	HB300	HPA225B	100-120	0.08-0.2
K	Gray cast iron (FC, etc.)	HB260	HPA025B	110-130	0.10-0.25
	Ductile cast iron (FCD, etc.)	HB160	HPA025B	80-100	0.10-0.25
		HB250	HPA025B	70-90	0.10-0.25
S	Titanium alloy	-	HPA025B	20-50	0.08-0.2
	Superalloy	-	HPA025B	15-30	0.08-0.2

DFW

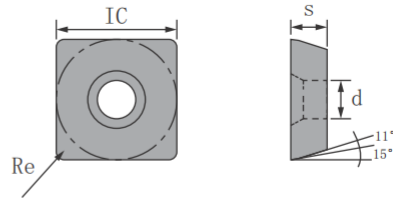
Slot Milling Cutter



High speed three-edge milling cutter specifications

Model	Size						Insert	Screws	Wrench
	L1	SB	D	D1	d	T			
DFW. B. 080. Z08. 06 -22	12	6	80	44	22	2×4	SPMG050204	TS2003	TK06
DFW. B. 080. Z08. 07 -22	12	7					SPMG050204	TS2003	TK06
DFW. B. 080. Z08. 08 -22	12	8					SPMG060204	TS2205	TK06
DFW. B. 080. Z08. 09 -22	12	9					SPMG060204	TS2205	TK06
DFW. B. 080. Z08. 10 -22	12	10					SPMG060204	TS2205	TK06
DFW. B. 080. Z08. 11 -22	12	11					SPMG07T308	TS2511	TK08
DFW. B. 080. Z08. 12 -22	12	12					SPMG07T308	TS2511	TK08
DFW. B. 100. Z10. 06 -27	16	6	100	50	27	2×5	SPMG050204	TS2003	TK06
DFW. B. 100. Z10. 07 -27	16	7					SPMG050204	TS2003	TK06
DFW. B. 100. Z10. 08 -25.4	16	8	100	50	25.4	2×5	SPMG060204	TS2205	TK08
DFW. B. 100. Z10. 09 -27	16	9	100	50	27	2×5	SPMG060204	TS2205	TK08
DFW. B. 100. Z10. 10 -27	16	10					SPMG07T308	TS2511	TK08
DFW. B. 100. Z10. 11 -27	16	11					SPMG07T308	TS2511	TK08
DFW. B. 100. Z10. 12 -27	16	12					SPMG07T308	TS2511	TK08
DFW. B. 100. Z10. 14 -27	16	14					SPMG090408	TS3504	TK15
DFW. B. 100. Z10. 16 -27	16	16					SPMG090408	TS3504	TK15
DFW. B. 125. Z12. 06 -32	12	6	125	65	32	2×6	SPMG050204	TS2003	TK06
DFW. B. 125. Z12. 07 -32	12	7					SPMG050204	TS2003	TK06
DFW. B. 125. Z12. 08 -32	12	8					SPMG060204	TS2205	TK06
DFW. B. 125. Z12. 10 -32	12	10					SPMG060204	TS2205	TK06
DFW. B. 125. Z12. 11 -32	12	11					SPMG07T308	TS2511	TK08
DFW. B. 125. Z12. 12 -32	12	12					SPMG07T308	TS2511	TK08
DFW. B. 125. Z12. 14 -32	16	14	125	65	32	2×5	SPMG090408	TS3504	TK15
DFW. B. 125. Z12. 16 -32	16	16					SPMG090408	TS3504	TK15
DFW. B. 125. Z10. 18 -32	20	18					SPMG110408	TS4006	TK15
DFW. B. 125. Z10. 20 -32	20	20	125	65	32	2×5	SPMG110408	TS4006	TK15
DFW. B. 125. Z10. 25 -32	25	25					SPMG140512	TS5009	TK20
DFW. B. 160. Z16. 11 -40	12	11	160	75	40	2×8	SPMG07T308	TS2511	TK08
DFW. B. 160. Z16. 12 -40	12	12					SPMG07T308	TS2511	TK08
DFW. B. 160. Z16. 14 -40	16	14					SPMG090408	TS3504	TK15
DFW. B. 160. Z16. 16 -40	16	16					SPMG090408	TS3504	TK15
DFW. B. 160. Z12. 18 -40	20	18	160	75	40	2×6	SPMG110408	TS4006	TK15
DFW. B. 160. Z12. 20 -40	20	20					SPMG110408	TS4006	TK15
DFW. B. 160. Z12. 25 -40	25	25					SPMG140512	TS5009	TK20
DFW. B. 200. Z18. 14 -40	16	14	200	80	40	2×9	SPMG090408	TS3504	TK15
DFW. B. 200. Z18. 16 -40	16	16					SPMG090408	TS3504	TK15
DFW. B. 200. Z14. 18 -40	20	18	200	80	40	2×7	SPMG110408	TS4006	TK15
DFW. B. 200. Z14. 20 -40	20	20					SPMG110408	TS4006	TK15
DFW. B. 200. Z14. 25 -40	25	25					SPMG140512	TS5009	TK20

Inserts specifications



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SPMG090408-UM	●	●	9.8	4.3	0.8	4.05
SPMG140512-UM	●	●	14.3	5.2	1.2	5.75

Remark: ● In stock ○ Reservations

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	Alloy steel (annealing)	HB180	HPA025B	90-120	0.1-0.22
	Alloy steel (hot refining)	HB275	HPA025B	80-110	0.08-0.2
	High carbon alloy steel	HB280	HPA025B	70-90	0.08-0.2
M	Austenitic stainless steel	HB220	HPA225B	110-140	0.08-0.2
	Martensitic stainless steel	HB300	HPA225B	100-120	0.08-0.2
K	Gray cast iron (FC, etc.)	HB260	HPA025B	110-130	0.10-0.25
	Ductile cast iron (FCD, etc.)	HB160	HPA025B	80-100	0.10-0.25
		HB250	HPA025B	70-90	0.10-0.25
S	Titanium alloy	-	HPA025B	20-50	0.08-0.2
	Superalloy	-	HPA025B	15-30	0.08-0.2