Face Mill 15°/75° – KSSM – Inch

1/2" IC Inserts

insert catalog number	LI/W	BS	S	Rε	BG	steel	stainless steel	cast iron	non-ferrous metals	high-temp alloys	KC510M	KC520M	KC525M	KC715M	KC725M	KC915M	KC935M	KT530M	KY3500
...GP (ground) 11° rake face																			
SDKT43EDER8GP*	.500	.132	.187	–	.002	●	●	◐		◐					■	■	■		
SDKT43EDSR8GP**	.500	.132	.187	–	.007	◐	◐	◐							■	■	■		
...GPW (ground wiper) use when feed/rev. exceeds 'BS'																			
SDKT43EDER17GPW*	.500	.276	.187	.032	.002	●	●	●				■		■	■				
SDKT43EDSR17GPW**	.500	.276	.187	.032	.009													■	
...GN (ground) flat top																			
SDCW43EDSR8GN	.500	.132	.187	–	.009			●											■
...GB (precision sintered) 5° rake face																			
SDPT43EDER8GB	.500	.132	.187	–	.003	◐	◐	●	◐	◐	■	■	■	■	■	■	■	■	
SDPT43EDSR8GB	.500	.132	.187	–	.009	◐								■	■			■	

*First choice for use with wiper inserts
**First choice for use with wiper inserts
● … first choice
◐ … alternate choice

insert catalog number	material group	surface speed (ft./min.) KC510M	KC520M	KC525M	KC715M	KC725M	KC915M	KC935M	KT530M	KY3500	IPT
SDKT43EDER8GP	steel					300 - 650		500 - 1100			.003 - .010
SDPT43EDER8GB					500 - 900			500 - 1100	600 - 1000		.004 - .010
SDKT43EDSR8GP						300 - 650		500 - 1100			.008 - .012
SDPT43EDSR8GB					500 - 900				600 - 1000		.010 - .015
SDKT43EDER8GP	stainless steel					200 - 500		500 - 900			.003 - .010
SDPT43EDER8GB				400 - 700		200 - 500		500 - 900			.004 - .010
SDKT43EDSR8GP											.007 - .014
SDKT43EDER8GP	cast iron						500 - 1200	350 - 600			.003 - .010
SDCW43EDSR8GN										1500 - 3500	.004 - .007
SDPT43EDER8GB			400 - 750				350 - 600				.004 - .010
SDKT43EDSR8GP							350 - 600				.008 - .012
SDPT43EDER8GB	non-ferrous metals	900 - 3000									.003 - .010
SDKT43EDER8GP	high-temp alloys					80 - 120					.003 - .007
SDPT43EDER8GB				100 - 170		80 - 120					.004 - .007

IPT is calculated to take into effect the sine of 75° and is therefore programmed as feed per tooth.