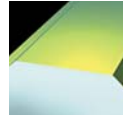




# 8\_0 VSE45\_09 Face Mills



## 8000 VSE45\_09 Unequal Pitch - Assembled Body & Cartridge

EDP #	Part Number	Dimensions (mm)					No. of Inserts	EDP#	Cartridge	Spares		
		D	H	d <sub>1</sub>	a	EDP#				 EDP#	 EDP#	
021858	8000VSE45-100R09	100	68	32	5	6	014947	80VSE45R-09	015269	F3508T	015240	T15
021861	8000VSE45-125R09	125	63	40	5	8	014947	80VSE45R-09	015269	F3508T	015240	T15
021864	8000VSE45-160R09	160	63	40	5	10	014947	80VSE45R-09	015269	F3508T	015240	T15
021867	8000VSE45-200R09	200	63	60	5	12	014947	80VSE45R-09	015269	F3508T	015240	T15
021870	8000VSE45-250R09	250	63	60	5	16	014947	80VSE45R-09	015269	F3508T	015240	T15
021873	8000VSE45-315R09	315	80	60	5	20	014947	80VSE45R-09	015269	F3508T	015240	T15
021876	8000VSE45-400R09	400	80	60	5	24	014947	80VSE45R-09	015269	F3508T	015240	T15

## 8010 VSE45\_09 Equal Pitch - Assembled Body & Cartridge

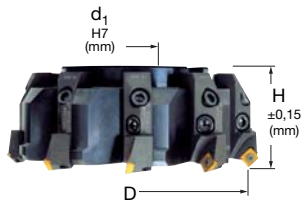
021944	8010VSE45-100R09	100	68	32	5	6	014947	80VSE45R-09	015269	F3508T	015240	T15
021947	8010VSE45-125R09	125	63	40	5	8	014947	80VSE45R-09	015269	F3508T	015240	T15
021950	8010VSE45-160R09	160	63	40	5	10	014947	80VSE45R-09	015269	F3508T	015240	T15
021953	8010VSE45-200R09	200	63	60	5	12	014947	80VSE45R-09	015269	F3508T	015240	T15

## 8100 VSE45\_09 Unequal Pitch - Assembled Body & Cartridge

022000	8100VSE45-125R09	125	63	40	5	6	014947	80VSE45R-09	015269	F3508T	015240	T15
022003	8100VSE45-160R09	160	63	40	5	8	014947	80VSE45R-09	015269	F3508T	015240	T15
022006	8100VSE45-200R09	200	63	60	5	10	014947	80VSE45R-09	015269	F3508T	015240	T15
022009	8100VSE45-250R09	250	63	60	5	10	014947	80VSE45R-09	015269	F3508T	015240	T15
022012	8100VSE45-315R09	315	80	60	5	12	014947	80VSE45R-09	015269	F3508T	015240	T15
022015	8100VSE45-400R09	400	80	60	5	14	014947	80VSE45R-09	015269	F3508T	015240	T15

## 8\_0 VSE45\_09 Cartridge Spares

EDP #	Cartridge Part Number	EDP#	
014947	80VSE45R-09	015255	7065



Cutter Body & Cartridge

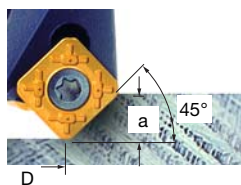
## 8\_0 VSE45\_09 Technical Advice

Milling Cutter Order Example: **8000VSE45-250R09**  
 Milling Insert Order Example: **SDKT09T3AEEN-45 X500**  
 For complete cutting conditions refer to page: **264**



Feedrate compensation: For 45° cutting, divide the h<sub>m</sub> value by the sine of the approach angle (the sine of 45° = 0,707)

$$\text{ie: } \frac{h_m}{0,707} \quad \text{or} \quad \frac{0,08}{0,707} = 0,113 \text{ mm programmed feed rate}$$



Depth of Cut (a)



