

High Rake Cutter

METRIC

FACE MILL

DSE Type

- High rake cutter for general milling of steel, stainless steel, and cast iron.

Entering Angle : 45°	A.R. : +20°
	R.R. : -2°
Max. D.O.C.	6mm



Fig. 1

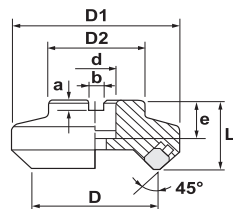


Fig. 2

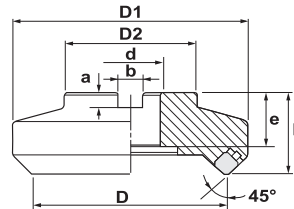
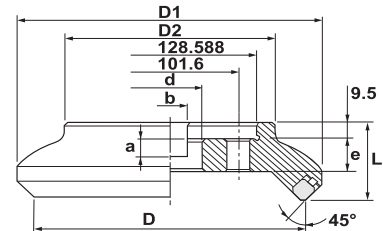


Fig. 3

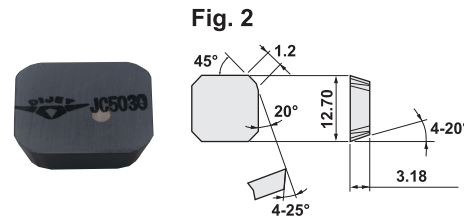
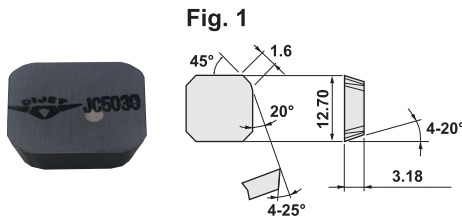


Specifications

CATALOG NUMBER	STK	DIMENSIONS								FIG.	INSERT	Q	PARTS		
		D	D1	L	d	D2	a	b	e				Wrench	Wedge / Screw	Rest Button / Screw
DSE45-4080R	•	80	105	44	25.4	60	6	9.5	24	1	SEKN1203AFTN-16 SEKN1203AFFN-16 SEKN1203AFTN SEKN1203AFFN	4	A-030	60806-5 LS-101	RB-15 LS-113
DSE45-4100R	•	100	125	50	31.75	70	8	12.7	32	2		5			
DSE45-4125R	•	125	150	54	38.1	85	10	15.9	36	2		6			
DSE45-4160R	•	160	187	56	50.8	100	11	19	37	3		8			
DSE45-4200R	•	200	224	56	47.625	154	14.3	25.4	25.7	3		10			

Note: All cutters are supplied without inserts.

INSERTS



Specifications - Metric

CATALOG NUMBER	DIMENSIONS		FIG.	COATED				CERMET		UNCOATED	
	IC	T		JC5030	JC5040	JC730U	JC610	CX90	CX75	KT9	DX30
SEKN1203AFTN-16	12.7	3.18	1	•	•			•	•		•
SEKN1203AFFN-16	12.7	3.18	1				•			•	
SEKN1203AFTN	12.7	3.18	2	•	•	•		•	•		•
SEKN1203AFFN	12.7	3.18	2							•	

Recommended Cutting Data

WORK MATERIALS	INSERT GRADE	Vc (m/min)	fz (mm/tooth)
Carbon Steel & Alloy Steel (180-280HB)	JC5030, JC5040, JC730U, DX30, CX90, CX75	180 - 250	0.2 - 0.4
Stainless Steel (~270HB)	JC5030, JC730U, CX90	125 - 200	0.2 - 0.3
Cast Iron (200-250HB)	JC610	150 - 250	0.2 - 0.4
Aluminum Alloy	KT9	300 - 800	0.2 - 0.5