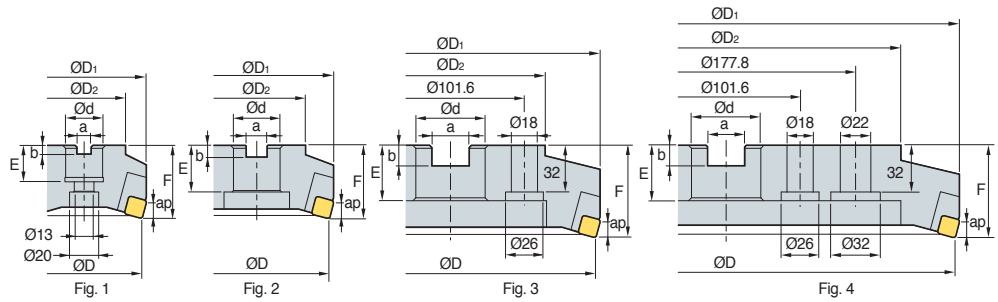


EPN(M)4000



Designation	ØD	ØD1	ØD2	Ød	a	b	E	F	ap	kg	Fig.
EPN 4080R/L	80	86	57	25.4 (27)	9.5 (12.4)	6 (7)	25 (22)	50	9	1.4	1
(EPNM) 4100R/L	100	107	67	31.75 (32)	12.7 (14.4)	8 (8)	32 (28)	50	9	2.1	2
4125R/L	125	132	87	38.1 (40)	15.9 (16.4)	10 (9)	38 (30)	63	9	3.8	2
4160R/L	160	166	107	50.8 (40)	19.0 (16.4)	11 (9)	38 (30)	63	9	5.7	2
4200R/L	200	206	130	47.625 (60)	25.4 (25.7)	14 (14)	38 (38)	63	9	8.2	3
4250R/L	250	256	180	47.625 (60)	25.4 (25.7)	14 (14)	38 (38)	63	9	13.5	3
4315R/L	315	321	240	47.625 (60)	25.4 (25.7)	14 (14)	38 (38)	63	9	21.1	4

() Metric size

Available inserts



Designation	Cermet		Coated							Uncoated		page				
	CN2000	CN30	NCM325	NCM335	NCS330	NCM535	NCM545	PC3600	PC3700	PC6510	PC9530		PC5300	PC5400	ST30A	G10
SPCN 1203EDR	●	●	●	●										●	●	●
1203EDL														●		
1203EDR-G																●
1203EDER-RH										●						
1203EDSR-RH										●						
1203EDTR-RH																
1203EDR-S20											●					
SPKN 1203EDSR-MU										●						
1203EDSR-SU										●	●					
1203EDSL-SU										●						
SPKR 1203EDSR-MX			●	●												
1203EDSL-MX																
SPEX 1203EDR/L-1																

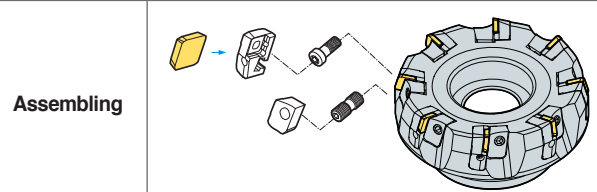
Available arbors

Designation	General arbor	NC arbors	
		EPN	EPNM
EPN 4080R/L	NT*□□(M/U)-FMA25.4-25	BT**□□-FMA25.4-□□	FMC27
(EPNM) 4100R/L	NT*□□(M/U)-FMA31.75-□□	BT**□□-FMA31.75-□□	FMC32
4125R/L	NT*□□(M/U)-FMA38.1-□□	BT**□□-FMA38.1-□□	FMB40
4160R/L	NT*□□(M/U)-FMA50.8-□□	BT**□□-FMA50.8-□□	FMB40
4200R/L	NT*□□(M/U)-FMA47.625-25, KCP-8***	BT**□□-FMA47.625-□□	FMB60
4250R/L	NT*□□(M/U)-FMA47.625-25, KCP-8***	BT**□□-FMA47.625-□□	FMB60
4315R/L	KCP-8*** (Center ring plug)		

*□□-NT number **□□-BT number ***Over milling 5

Recommended cutting condition

Workpiece	Cutting condition		Grades
	vc (m/min)	fz (mm/t)	
P	190~320	0.05~0.20	NCM325 PC3600 ST30A
	161~270	0.05~0.20	
	80~140	0.05~0.20	
M	90~150	0.05~0.20	PC9530
K	140~230	0.05~0.30	PC6510 G10
	50~90	0.05~0.30	



Parts

Specification	Locator	Wedge	Wedge screw	Locator screw	Wrench
Ø80~Ø315	LEPN4R/L LEPN4R1*/L1*	WEPN4R/L	DHA0821F DHA0817F*	LTX0514	HW40

*: Ø80~Ø100

Available inserts E24, E25 Available arbors and bolt E400~E402

