

# milling cutters for Polcomm® WNEU 04 inserts

P O W E R O F T E C H N O L O G Y



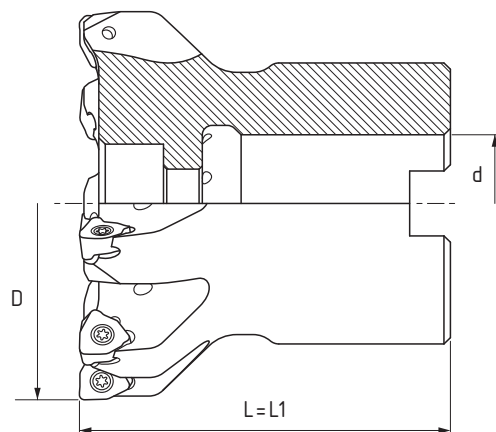
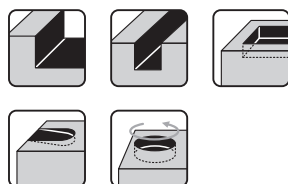
## Milling cutters for Polcomm® WNEU 04 inserts

- profile after pass of the cutter: 90°
- 6-edge inserts with 0.8 mm corner radius
- large number of cutting edges in relation to tool diameter
- efficient internal cooling, low machine load



### FACE MILLING CUTTER FOR POLCOMM® WNEU 04 INSERTS

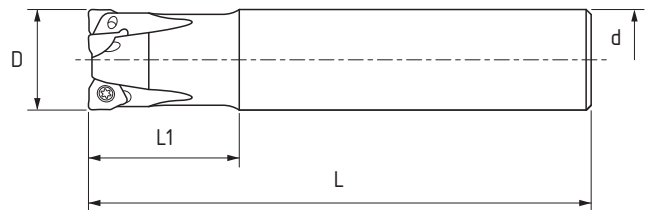
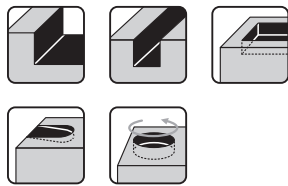
ID	working diameter D [mm]	cutting depth L1 [mm]	total length L [mm]	hole diameter d [mm]	number of teeth Z
GN121 32	32	40	40	16	6
GN121 40	40	40	40	16	6
GN121 40/4	40	40	40	16	4
GN121 50	50	40	40	22	8
GN121 50/4	50	40	40	22	4
GN121 63	63	40	40	22	9
GN121 63/5	63	40	40	22	5
GN121 80	80	50	50	27	11
GN121 100	100	50	50	32	11



## SHANK-TYPE MILLING CUTTER FOR POLCOMM® WNEU 04 INSERTS

ID	working diameter D[mm]	cutting depth L1[mm]	total length L[mm]	hole diameter d[mm]	number of teeth Z
GT111 18	18	20	100	20	2
GT111 20	20	40	90	20*	3
GT112 20	20	40	150	20	3
GT112 20(19)	20	40	150	20	3
GT111 25	25	44	100	25*	4
GT112 25	25	50	170	25	4
GT111 32	32	50	110	32*	5
GT112 32	32	70	195	32	5

\*shank-type WELDON



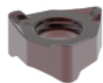
## Polcomm® WNEU 040308 indexable inserts for milling



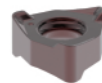
PMY PC215



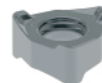
PMY PC228



PMY PC115



PMY PC828



PMY PC023F

### INSERT RANGE AND CUTTING PARAMETERS

designation	ID	coating	application								machining	Vc [m/min]	f <sub>z</sub> [mm]	Ap [mm]	
			01	05	10	15	20	25	30	35					40
WNEU 040308 PMY PC215	93051	PVD			■	■						▽ ▽	110-240	0,10-0,35	0,5-3,5
					■	■								120-240	0,10-0,35
WNEU 040308 PMY PC228	60700	PVD				■	■	■				▽ ▽	110-240	0,10-0,35	0,5-3,5
						■	■	■						120-240	0,10-0,35
WNEU 040308 PMY PC115	29535	PVD			■	■						▽ ▽	110-240	0,10-0,35	0,5-3,5
					■	■							50-160	0,12-0,35	0,5-3,5
					■	■							40-100	0,14-0,45	0,3-3,5
WNEU 040308 PMY PC828	64606	PVD			■	■	■					▽ ▽	110-240	0,10-0,35	0,5-3,5
					■	■	■						50-160	0,12-0,35	0,5-3,5
					■	■	■						40-100	0,14-0,45	0,3-3,5
WNEU 040308 PMY PC023F	90277	×			■	■	■	■			▽ ▽	180-450	0,10-0,45	0,2-3,5	

material groups (DIN ISO 513): ■ steel (P) ■ stainless steel (M) ■ cast iron (K) ■ nonferrous metals (N) ■ heat-resistant alloys (S)

application: ■ first choice ■ second choice machining: ▽ roughing ▽ medium ▽ finishing

### ACCESSORIES FOR MILLING CUTTERS FOR POLCOMM® WNEU 04 INSERTS

ID 200221

clamping screw (M2,5x5,5 T08)



ID 200220

insert wrench (T08)



Polish Cutting Tools™

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TOOL SERVICE



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