

GO-Line-PaNacea Square

Solid Carbide End Mills

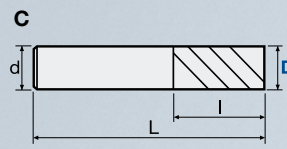
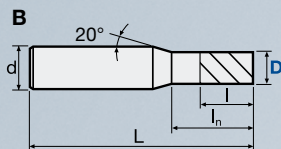
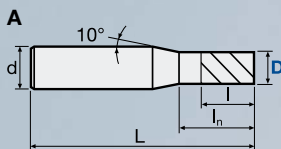
No. 436

Features PaNacea Coating

- High adhesion & wear resistance
- Low friction coefficient

HGOS-2-PN | HGOS-4-PN

V max				HRC	No. of Teeth
High Speed	Roughing	Semi Finishing	Finishing	52	2-4



Carbide	PN	Rake Angle
Micro Grain	PaNacea Coating	Positive

D 0.2-0.9	0 / 0.015 mm
D 1-20	0 / -0.02 mm
d	h5
Helix angle	30°

Pointed Cutting Edge 90°
Exakte 90°-Schneide



ID Code	Item Code	Z	D	I	I _n	L	d	Type
EL066	HGOS-2002-PN	2	0.2	0.4	0.6	40	4	A
EL067	HGOS-2003-PN		0.3	0.6	0.9			
EL068	HGOS-2004-PN		0.4	0.8	1.1			
EL069	HGOS-2005-PN		0.5	1	1.3			
EL070	HGOS-2006-PN		0.6	1.2	1.5			
EL071	HGOS-2007-PN		0.7	1.4	1.7			
EL072	HGOS-2008-PN		0.8	1.6	1.9			
EL073	HGOS-2009-PN		0.9	1.8	2.1			
EL074	HGOS-2010-PN		1	2	2.5			
EL075	HGOS-2015-PN		1.5	3	3.5			
EL076	HGOS-2020-PN		2	6	7			
EL077	HGOS-2025-PN		2.5	8	9			
EL078	HGOS-2030-PN		3	10	11	45	6	B
EL079	HGOS-2035-PN		3.5	11	12			
EL080	HGOS-2040-PN		4	13	14			
EL081	HGOS-2045-PN		4.5	16	17			
EL082	HGOS-2050-PN		5	19	20	60	8	C
EL083	HGOS-2055-PN		5.5	22	-			
EL084	HGOS-2060-PN		6	26	-			
EL085	HGOS-2070-PN		7	35	-			
EL086	HGOS-2080-PN		8	40	-	70	10	B
EL087	HGOS-2090-PN		9	10	11			
EL088	HGOS-2100-PN		10	12	13			
EL089	HGOS-2120-PN		12	15	16			
EL090	HGOS-2160-PN		16	20	-	80	12	C
EL091	HGOS-2200-PN		20	25	-			
EL092	HGOS-4010-PN	4	1	2.5	3	40	4	A
EL093	HGOS-4015-PN		1.5	4	4.5			
EL118	HGOS-4020-PN		2	6	7			
EL119	HGOS-4025-PN		2.5	8	9			
EL120	HGOS-4030-PN		3	10	11	45	6	B
EL121	HGOS-4040-PN		4	12	13			
EL122	HGOS-4050-PN		5	15	16			
EL123	HGOS-4060-PN		6	20	-			
EL124	HGOS-4080-PN		8	25	-	60	8	C
EL125	HGOS-4100-PN		10	30	-			
EL126	HGOS-4120-PN		12	35	-			
EL127	HGOS-4160-PN		16	40	-			
EL128	HGOS-4200-PN		20	40	-	75	10	C

MMC Hitachi Tool Engineering Europe GmbH

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