



HGOB-2 | GO-Line High Feed

V max
High Speed

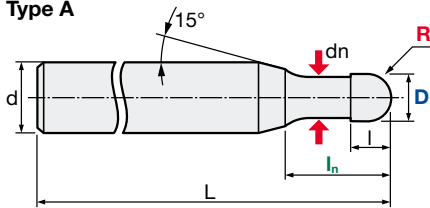
▽
Roughing

▽▽
Finishing

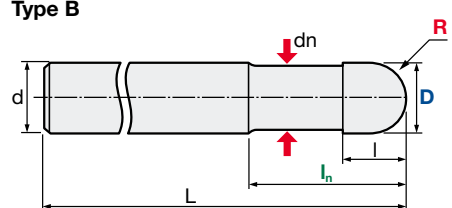
HRC
50



Type A



Type B



Carbide
Micro Grain

TH
Nano-PVD Coating

Rake Angle
Positive

Helix Angle	R Tol. [mm]	D Tol. [mm]	d Tol.
30°	+/-0.005	0/-0.01	h6

Type	ID Code	Item Code	Flutes	D	R	l	ln	dn	L	d
	EL010	HGOB-2010TH	2	1	0.5	1	2.5	0.95	40	4
	EL011	HGOB-2020TH		2	1	2	5	1.95		
	EL012	HGOB-2030TH		3	1.5	3	7.5	2.9	45	6
	EL013	HGOB-2040TH		4	2	4	10	3.9		
	EL014	HGOB-2050TH		5	2.5	5	12.5	4.9	50	8
	EL015	HGOB-2060TH		6	3	6	15	5.9		
	EL016	HGOB-2080TH		8	4	8	20	7.9	60	8
	EL017	HGOB-2100TH		10	5	10	25	9.9	65	10
	EL018	HGOB-2120TH		12	6	12	30	11.9	75	12

Cutting Conditions | Schnittwerte | Condizioni di taglio | Condiciones de Corte | Conditions de coupe | Valores de corte:

HGOB-2 | D 1 – D 12 (Z2): Page 6–7

HGOR-4 | D 6 – D 20 (Z4): Page 8

HGOH-6 | D 6 – D 20 (Z6): Page 9



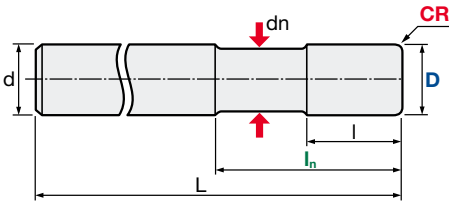
HGOR-4 | GO-Line High Feed

V max
High Speed

▽
Roughing

▽▽
Finishing

HRC
50



Carbide
Micro Grain

TH
Nano-PVD Coating

Rake Angle
Positive

Helix Angle	R Tol. [mm]	D Tol. [mm]	d Tol.
30°	+/-0.02	0/-0.03	h6

Type	ID Code	Item Code	Flutes	D	CR	l	l _n	dn	L	d
	EL031	HGOR-4060-03TH	4	6	0.3	9	18	5.7	50	6
	EL032	HGOR-4060-10TH			1					
	EL033	HGOR-4080-03TH		8	0.3	12	24	7.6	55	8
	EL034	HGOR-4080-10TH			1					
	EL035	HGOR-4100-03TH		10	0.3	15	30	9.5	70	10
	EL036	HGOR-4100-10TH			1					
	EL037	HGOR-4120-03TH		12	0.3	18	36	11.5	75	12
	EL038	HGOR-4120-10TH			1					
	EL039	HGOR-4160-05TH		16	0.5	24	48	15	90	16
	EL040	HGOR-4160-20TH			2					
	EL041	HGOR-4200-05TH		20	0.5	30	60	19	100	20
	EL042	HGOR-4200-20TH			2					

Cutting Conditions | Schnittwerte | Condizioni di taglio | Condiciones de Corte | Conditions de coupe | Valores de corte:

HGOB-2 | D 1 – D 12 (Z2): Page 6–7

HGOR-4 | D 6 – D 20 (Z4): Page 8

HGOH-6 | D 6 – D 20 (Z6): Page 9



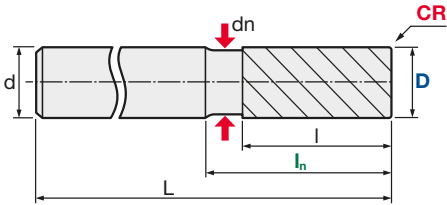
HGOH-6 | GO-Line High Feed

V max
High Speed

▽
Roughing

▽▽
Finishing

HRC
50



Carbide
Micro Grain

TH
Nano-PVD Coating

Rake Angle
Negative

Helix Angle	R Tol. [mm]	D Tol. [mm]	d Tol.
46°	+/-0.03	0/-0.03	h6

Type	ID Code	Item Code	Flutes	D	CR	I	In	dn	L	d
	EL043	HGOH-6060-05TH	6	6	0.5	12.5	18	5.7	55	6
	EL044	HGOH-6080-05TH		8		17.0	24	7.6	65	8
	EL045	HGOH-6100-05TH		10		21.0	30	9.5	75	10
	EL046	HGOH-6120-10TH		12	1.0	25.0	36	11.5	85	12
	EL047	HGOH-6160-10TH		16		34.0	48	15	100	16
	EL048	HGOH-6200-10TH		20		42.0	60	19	115	20