



Precizni Alati za
perfektnu obradu

GODINA 2015/16
IZDANJE 12/12

GLODALA

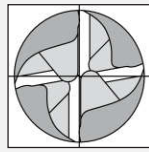


SUP - 100

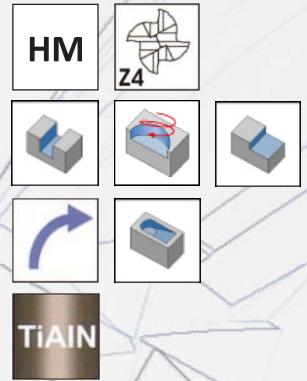
Vretenasto glodalo sa suzenim vratom - 4 flute
Solid Carbide End mill with a narrow neck - 4 flutes

Konstruktivni Podaci

- 4 rezne ostrice
- 2 ostrice preko centra
- poluduga izvedba
- namijenjen za gr. I finu obradu
- izvedba sa suzenim vratom

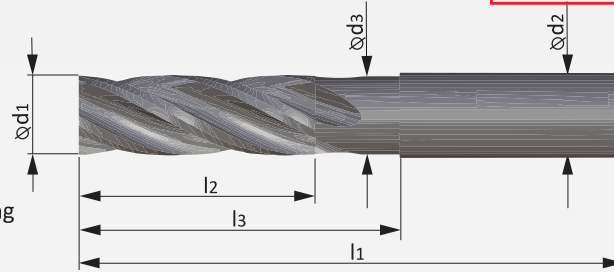


d1(es)	tolerance
3 - 6	-0.020 -0.032
6 - 10	-0.025 -0.040
10 - 18	-0.032 -0.050
18 - 30	-0.040 -0.061



Engineering data

- 4 cutting edge
- 2 cutting edge to center
- middle version
- for rough and finish machining
- wit a narrow neck



D

Material	Aluminij	Celik	Celik	Celik	Celik	Celik	Celik	Inox	Inox	GG	GGG	Nemetal	Hladjenje emulzijom	Hladjenje vodenom maglom	Hladjenje zrakom
	Alu	Steel < 800 (N/mm2)	Steel < 1200 (N/mm2)	Steel < 1600 (N/mm2)	Steel < 55 HRC	Steel < 60 HRC	Steel < 66 HRC	Inox < 800 (N/mm2)	Inox > 800 (N/mm2)			Nonmetall Cu - Leg.			
	○	●	●	●	●	○	○	○	○	●	●	○	●	○	○

Ø d1 (es)	Oznaka Description	Sifra Code	l2 (mm)	l3 (mm)	Ø d3 (mm)	l1 (mm)	Ø d2 h6 (mm)	Cijena Price (KM)
3	SUP 100 - 3	A-IFHM 3035-A50-4-3.0-10-C-3h6-R0-38-P	10	15	2.7	38	3	Na upit
4	SUP 100 - 4	A-IFHM 3035-A50-4-4.0-12-C-4h6-R0-50-P	12	18	3.5	50	4	Na upit
5	SUP 100 - 5	A-IFHM 3035-A50-4-5.0-14-C-5h6-R0-50-P	14	20	4.5	50	5	Na upit
5	SUP 100 - 5	A-IFHM 3035-A50-4-5.0-14-C-6h6-R0-50-P	14	20	4.5	50	6	Na upit
6	SUP 100 - 6	A-IFHM 3035-A50-4-6.0-16-C-6h6-R0-54-P	16	24	5.4	54	6	Na upit
8	SUP 100 - 8	A-IFHM 3035-A50-4-8.0-20-C-8h6-R0-63-P	20	28	7.2	63	8	Na upit
10	SUP 100 - 10	A-IFHM 3035-A50-4-10.0-22-C-10h6-R0-72-P	22	32	9.2	72	10	Na upit
12	SUP 100 - 12	A-IFHM 3035-A50-4-12.0-25-C-12h6-R0-82-P	25	35	11	82	12	Na upit
14	SUP 100 - 14	A-IFHM 3035-A50-4-14.0-32-C-14h6-R0-82-P	32	42	13	82	14	Na upit
16	SUP 100 - 16	A-IFHM 3035-A50-4-16.0-32-C-16h6-R0-92-P	32	42	14.8	92	16	Na upit
18	SUP 100 - 18	A-IFHM 3035-A50-4-18.0-32-C-18h6-R0-92-P	32	42	15.6	92	18	Na upit
20	SUP 100 - 20	A-IFHM 3035-A50-4-20.0-38-C-20h6-R0-105-P	38	50	17.4	105	20	Na upit
25	SUP 100 - 25	A-IFHM 3035-A50-4-25.0-45-C-25h6-R0-110-P	45	57	22.2	110	25	Na upit

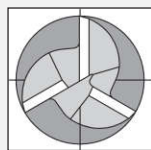
Primjer narudzbe / SUP 100 - 12 - HB
Order Example / SUP 100 - 12 - HB

SUP - 101

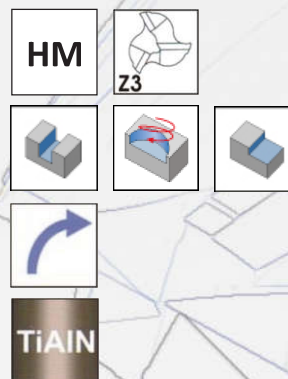
Fino vretenasto glodalo - 3 flute
Solid Carbide End mill - 3 flutes

Konstruktivni Podaci

- 3 rezne ostrice
- 1 ostrica preko centra
- poluduga izvedba
- namijenjen za grubu obradu
- ugao spirale / 30 stepeni

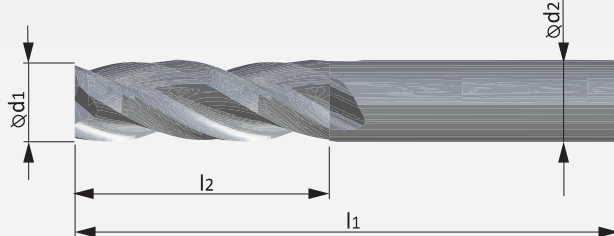


d1(es)	tolerance
3 - 6	-0.020 -0.032
6 - 10	-0.025 -0.040
10 - 18	-0.032 -0.050
18 - 30	-0.040 -0.061



Engineering data

- 3 cutting edge
- 1 cutting edge over center
- middle version
- for rough machining
- helix angle / 38 degrees



Material	Aluminij Alu	Celik Steel < 800 (N/mm2)	Celik Steel < 1200 (N/mm2)	Celik Steel < 1600 (N/mm2)	Celik Steel < 55 HRC	Celik Steel < 60 HRC	Celik Steel < 66 HRC	Inox Inox < 800 (N/mm2)	Inox Inox > 800 (N/mm2)	GG	GGG	Nemetal Nonmetall Cu - Leg.	Hladjenje emulzijom	Hladjenje vodenom maglom	Hladjenje zrakom
	○	●	●	●	●	○	○	○	○	●	●	○	●	○	○

Ø d1 (es)	Oznaka Description	Sifra Code	l2 (mm)	l3 (mm)	Ø d3 (mm)	l1 (mm)	Ø d2 h6 (mm)	Cijena Price (KM)
3	SUP 101 - 3	A-IFHM 7035-G50-3-3.0-10-C-3h6-R0-38-P	10			54	3	Na upit
4	SUP 101 - 4	A-IFHM 7035-G50-3-4.0-12-C-4h6-R0-50-P	12			54	4	Na upit
5	SUP 101 - 5	A-IFHM 7035-G50-3-5.0-14-C-5h6-R0-50-P	14			54	5	Na upit
5	SUP 101 - 5	A-IFHM 7035-G50-3-5.0-14-C-6h6-R0-50-P	14			54	6	Na upit
6	SUP 101 - 6	A-IFHM 7035-G50-3-6.0-16-C-6h6-R0-54-P	16			54	6	Na upit
8	SUP 101 - 8	A-IFHM 7035-G50-3-8.0-20-C-8h6-R0-63-P	20			63	8	Na upit
10	SUP 101 - 10	A-IFHM 7035-G50-3-10.0-22-C-10h6-R0-72-P	22			72	10	Na upit
12	SUP 101 - 12	A-IFHM 7035-G50-3-12.0-25-C-12h6-R0-82-P	25			82	12	Na upit
14	SUP 101 - 14	A-IFHM 7035-G50-3-14.0-32-C-14h6-R0-82-P	32			82	14	Na upit
16	SUP 101 - 16	A-IFHM 7035-G50-3-16.0-32-C-16h6-R0-92-P	32			92	16	Na upit
18	SUP 101 - 18	A-IFHM 7035-G50-3-18.0-32-C-18h6-R0-92-P	32			92	18	Na upit
20	SUP 101 - 20	A-IFHM 7035-G50-3-20.0-38-C-20h6-R0-105-P	38			105	20	Na upit
25	SUP 101 - 25	A-IFHM 7035-G50-3-25.0-45-C-25h6-R0-110-P	45			110	25	Na upit

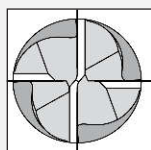
Primjer narudzbe / SUP 101 - 12 - HB - P
Order Example / SUP 101 - 12 - HB - P

SUP - 102

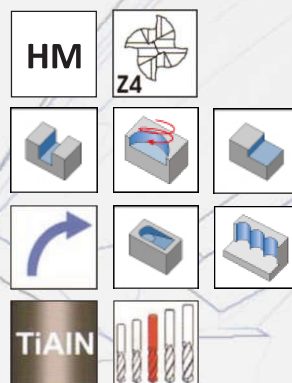
Fina vretenasto glodalo - 4 flute
Solid Carbide Endmills - 4 flutes

Konstruktivni Podaci

- 4 rezne ostrice
- 2 centralne ostrice
- poluduga izvedba
- namijenjen za grubu obradu

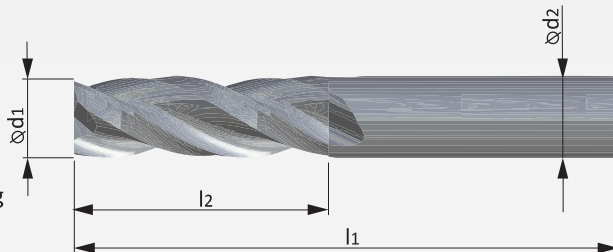


d1 (e8)	tolerance
3 - 6	-0.020 -0.032
6 - 10	-0.025 -0.040
10 - 18	-0.032 -0.050
18 - 30	-0.040 -0.061



Engineering data

- 4 cutting edge
- 2 cutting edge in center
- middle version
- for rough and finish machining



Material	Aluminij	Celik	Celik	Celik	Celik	Celik	Celik	Inox	Inox	GG	GGG	Nemetal	Hladjenje emulzijom	Hladjenje vodenom maglom	Hladjenje zrakom
	Alu	Steel < 800 (N/mm2)	Steel < 1200 (N/mm2)	Steel < 1600 (N/mm2)	Steel < 55 HRC	Steel < 60 HRC	Steel < 66 HRC	Inox < 800 (N/mm2)	Inox > 800 (N/mm2)			Nonmetall Cu - Leg.			
	○	●	●	●	●	○	○	○	○	●	●	○	●	○	○

Ø d1 (e 8)	Oznaka Description	Sifra Code	l2 (mm)	l3 (mm)	l1 (mm)	Ø d2 h6 (mm)	Cijena Price (KM)
3	SUP 102 - 3	A-IFHM 4035-A50-4-3.0-10-C-3h6-R0-38-P	10		38	3	Na upit
4	SUP 102 - 4	A-IFHM 4035-A50-4-4.0-12-C-4h6-R0-50-P	12		50	4	Na upit
5	SUP 102 - 5	A-IFHM 4035-A50-4-5.0-14-C-5h6-R0-50-P	14		50	5	Na upit
5	SUP 102 - 5	A-IFHM 4035-A50-4-5.0-14-C-6h6-R0-50-P	14		50	6	Na upit
6	SUP 102 - 6	A-IFHM 4035-A50-4-6.0-16-C-6h6-R0-54-P	16		54	6	Na upit
8	SUP 102 - 8	A-IFHM 4035-A50-4-8.0-20-C-8h6-R0-63-P	20		63	8	Na upit
10	SUP 102 - 10	A-IFHM 4035-A50-4-10.0-22-C-10h6-R0-72-P	22		72	10	Na upit
12	SUP 102 - 12	A-IFHM 4035-A50-4-12.0-25-C-12h6-R0-82-P	25		82	12	Na upit
14	SUP 102 - 14	A-IFHM 4035-A50-4-14.0-32-C-14h6-R0-82-P	32		82	14	Na upit
16	SUP 102 - 16	A-IFHM 4035-A50-4-16.0-32-C-16h6-R0-92-P	32		92	16	Na upit
18	SUP 102 - 18	A-IFHM 4035-A50-4-18.0-32-C-18h6-R0-92-P	32		92	18	Na upit
20	SUP 102 - 20	A-IFHM 4035-A50-4-20.0-38-C-20h6-R0-105-P	38		105	20	Na upit
25	SUP 102 - 25	A-IFHM 4035-A50-4-25.0-45-C-25h6-R0-110-P	45		110	25	Na upit

Primjer narudzbe / SUP 102 - 10 - HB
Order Example / SUP 102 - 10 - HB

SUP - 103

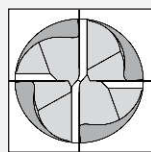
Fino vretenasto glodalo sa bridom - 4 flute
Solid Carbide End mill with chamfer - 4 flutes

Konstruktivni Podaci

- 4 rezne ostrice
- 2 centralne ostrice
- poluduga izvedba
- namijenjen za grubu obradu
- ugao spirale / 30 stepeni

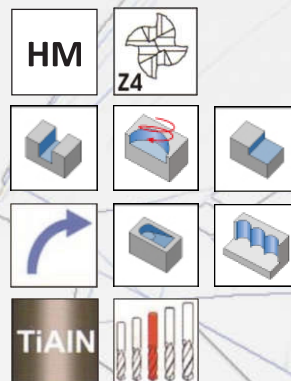
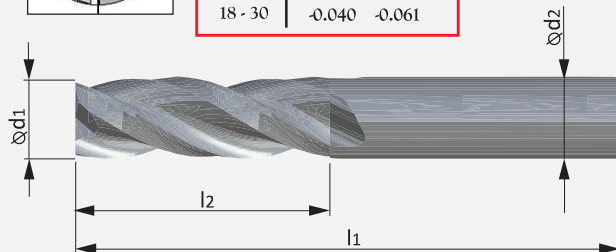
Engineering data

- 4 cutting edge
- 2 cutting edge in center
- middle version
- for rough machining
- helix angle / 30 degrees



d1 (e8)	tolerance	
3 - 6	-0.020	-0.032
6 - 10	-0.025	-0.040
10 - 18	-0.032	-0.050
18 - 30	-0.040	-0.061

	d1	b
	$\geq \emptyset 4$	$0,02 \times d1$



Material	Aluminij Alu	Celik Steel < 800 (N/mm2)	Celik Steel < 1200 (N/mm2)	Celik Steel < 1600 (N/mm2)	Celik Steel < 55 HRC	Celik Steel < 60 HRC	Celik Steel < 66 HRC	Inox Inox < 800 (N/mm2)	Inox Inox > 800 (N/mm2)	GG	GGG	Nemetal Cu - Leg.	Hladjenje emulzijom	Hladjenje vodenom maglom	Hladjenje zrakom
	○	●	●	●	●	○	○	○	○	●	●	○	●	○	○

$\emptyset d1$ (e8)	Oznaka Description	Sifra Code	l2 (mm)	l3 (mm)	$\emptyset d3$ (mm)	l1 (mm)	$\emptyset d2 h6$ (mm)	Cijena Price (KM)
3	SUP 103 - 3	A-IFHM 1035-A50-4-3.0-10-C-3h6-R0-38-P	10			38	3	Na upit
4	SUP 103 - 4	A-IFHM 1035-A50-4-4.0-12-C-4h6-R0-50-P	12			50	4	Na upit
5	SUP 103 - 5	A-IFHM 1035-A50-4-5.0-14-C-5h6-C0.1-50-P	14			50	5	Na upit
5	SUP 103 - 5	A-IFHM 1035-A50-4-5.0-14-C-6h6-C0.1-50-P	14			50	6	Na upit
6	SUP 103 - 6	A-IFHM 1035-A50-4-6.0-16-C-6h6-C0.12-54-P	16			54	6	Na upit
8	SUP 103 - 8	A-IFHM 1035-A50-4-8.0-20-C-8h6-C0.16-63-P	20			63	8	Na upit
10	SUP 103 - 10	A-IFHM 1035-A50-4-10.0-22-C-10h6-C0.2-72-P	22			72	10	Na upit
12	SUP 103 - 12	A-IFHM 1035-A50-4-12.0-25-C-12h6-C0.24-82-P	25			82	12	Na upit
14	SUP 103 - 14	A-IFHM 1035-A50-4-14.0-32-C-14h6-C0.28-82-P	32			82	14	Na upit
16	SUP 103 - 16	A-IFHM 1035-A50-4-16.0-32-C-16h6-C0.32-92-P	32			92	16	Na upit
18	SUP 103 - 18	A-IFHM 1035-A50-4-18.0-32-C-18h6-C0.36-92-P	32			92	18	Na upit
20	SUP 103 - 20	A-IFHM 1035-A50-4-20.0-38-C-20h6-C0.4-105-P	38			105	20	Na upit
25	SUP 103 - 25	A-IFHM 1035-A50-4-25.0-45-C-25h6-C0.5-110-P	45			110	25	Na upit

Primjer narudzbe / SUP 103 - 12 - HB - P
Order Example / SUP 103 - 12 - HB - P

SUP - 104

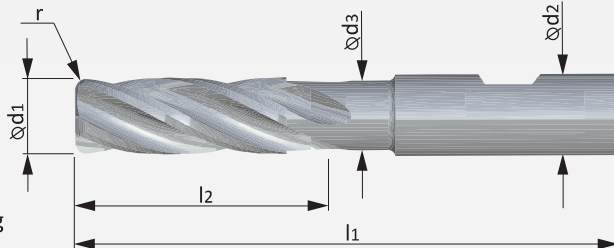
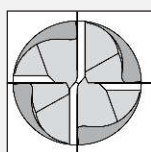
Fina vretenasto glodalo sa radiusom - 4 flute
Solid Carbide Endmills with radius - 4 flutes

Konstruktivni Podaci

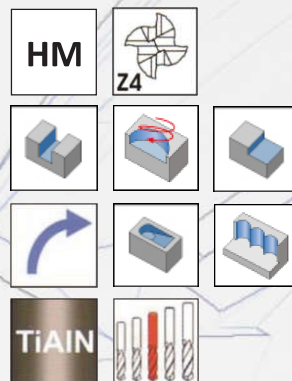
- 4 rezne ostrice
- 2 centralne ostrice
- poluduga izvedba
- namijenjen za grubu obradu
- ugao spirale 30 stepeni

Engineering data

- 4 cutting edge
- 2 cutting edge in center
- middle version
- for rough and finish machining
- helix nagle - 30 degrees



d1 (e8)	tolerance
3 - 6	-0.020 -0.032
6 - 10	-0.025 -0.040
10 - 18	-0.032 -0.050
18 - 30	-0.040 -0.061



Material	Aluminij	Celik	Celik	Celik	Celik	Celik	Celik	Inox	Inox	GG	GGG	Nemetal	Hladjenje emulzijom	Hladjenje vodenom maglom	Hladjenje zrakom
	Alu	Steel < 800 (N/mm2)	Steel < 1200 (N/mm2)	Steel < 1600 (N/mm2)	Steel < 55 HRC	Steel < 60 HRC	Steel < 66 HRC	Inox < 800 (N/mm2)	Inox > 800 (N/mm2)			Nonmetall Cu - Leg.			
	○	●	●	●	●	○	○	○	○	●	●	○	●	○	○

Ø d1/r (e 8)	Oznaka Description	Sifra Code	l2 (mm)	l3 (mm)	Ø d3 (mm)	l1 (mm)	Ø d2 h6 (mm)	Cijena Price (KM)
3 / 0.3	SUP 104-3/0.3	A-IFHM 8035-A50-3-3.0-10-C-3h6-R0.30-38-P	10	16	2.8	38	3	Na upit
4 / 0.5	SUP 104-4/0.5	A-IFHM 8035-A50-4-4.0-12-C-4h6-R0.5-50-P	12	18	3.75	50	4	Na upit
5 / 0.5	SUP 104-5/0.5	A-IFHM 8035-A50-4-5.0-14-C-5h6-R0.5-50-P	14	20	4.7	50	5	Na upit
6 / 0.5	SUP 104-6/0.5	A-IFHM 8035-A50-4-6.0-14-C-6h6-R0.5-50-P	14	20	5.5	50	6	Na upit
6 / 1	SUP 104-6/1	A-IFHM 8035-A50-4-6.0-16-C-6h6-R1-54-P	16	20	5.5	54	6	Na upit
8 / 0.5	SUP 104-8/0.5	A-IFHM 8035-A50-4-8.0-20-C-8h6-R0.5-63-P	20	28	7.4	63	8	Na upit
8 / 1	SUP 104-8/1	A-IFHM 8035-A50-4-8.0-22-C-8h6-R1-72-P	22	30	7.4	72	8	Na upit
10 / 0.5	SUP 104-10/0.5	A-IFHM 8035-A50-4-10.0-25-C-10h6-R0.5-82-P	25	33	9.1	82	10	Na upit
10 / 1	SUP 104-10/1	A-IFHM 8035-A50-4-10.0-32-C-10h6-R1-82-P	32	40	9.1	82	10	Na upit
12 / 0.5	SUP 104-12/0.5	A-IFHM 8035-A50-4-12.0-32-C-12h6-R0.5-92-P	32	40	11	92	12	Na upit
12 / 1	SUP 104-12/1	A-IFHM 8035-A50-4-12.0-32-C-12h6-R1-92-P	32	40	11	92	12	Na upit
14 / 0.5	SUP 104-14/0.5	A-IFHM 8035-A50-4-14.0-32-C-14h6-R0.5-92-P	32	42	12.8	92	14	Na upit
14 / 1	SUP 104-14/1	A-IFHM 8035-A50-4-14.0-32-C-14h6-R1-92-P	38	42	12.8	92	14	Na upit
16 / 0.5	SUP 104-16/0.5	A-IFHM 8035-A50-4-16.0-38-C-16h6-R0.5-105-P	38	50	15.6	105	16	Na upit
16 / 1	SUP 104-16/1	A-IFHM 8035-A50-4-16.0-38-C-16h6-R1-105-P	38	50	15.6	105	16	Na upit
18 / 1	SUP 104-18/1	A-IFHM 8035-A50-4-18.0-38-C-18h6-R1-105-P	38	50	16.4	105	18	Na upit
20 / 1	SUP 104-20/1	A-IFHM 8035-A50-4-20.0-43-C-20h6-R1-110-P	43	57	18.5	110	20	Na upit
25 / 1.5	SUP 104-25/1.5	A-IFHM 8035-A50-4-25.0-43-C-25h6-R1.5-110-P	43	57	23	110	25	Na upit

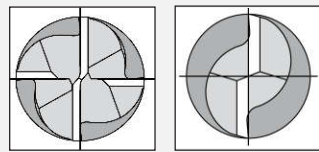
Primjer narudzbe / SUP 104 - 10/1 - HB
Order Example / SUP 104 - 10/1 - HB

SUP - 130

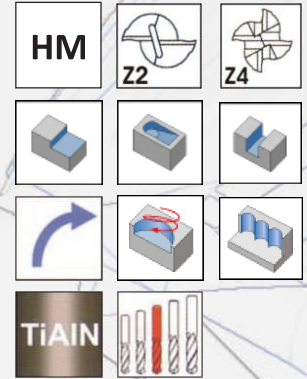
Gruba glodala - (2-4) flute
Rough Endmills (2 - 4) flutes

Konstrukcioni Podaci

- (2-4) rezne ostrice
- 2 centralne ostrice
- poluduga izvedba
- namijenjen za Grubu obradu
- ugao spirale 30 stepeni

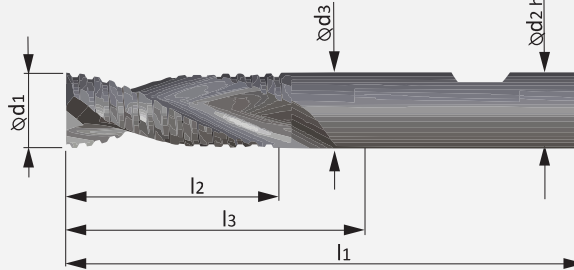


d1 (es)	tolerance	
3 - 6	-0.020	-0.032
6 - 10	-0.025	-0.040
10 - 18	-0.032	-0.050
18 - 30	-0.040	-0.061



Engineering data

- (2-4) cutting edge
- 2 cutting edge in center
- middle version
- for rough machining
- helix angle - 30 degrees



Material	Aluminij	Celik	Celik	Celik	Celik	Celik	Celik	Inox	Inox	GG	GGG	Nemetal	Hladjenje emulzijom	Hladjenje vodenom maglom	Hladjenje zrakom
	Alu	Steel < 800 (N/mm2)	Steel < 1200 (N/mm2)	Steel < 1600 (N/mm2)	Steel < 55 HRC	Steel < 60 HRC	Steel < 66 HRC	Inox < 800 (N/mm2)	Inox > 800 (N/mm2)			Nonmetall Cu - Leg.			
	●	●	●	●	○	○	○	○	○	○	○	●	○	○	○

Ø d1 (e8)	Oznaka	Sifra	l2 (mm)	l3 (mm)	Ø d3 (mm)	l1 (mm)	Ø d2 h6 (mm)	Cijena	G
	Description	Code						Price (KM)	
6	SUP 130 - 06	A-IGHM-7035-A30-2-6.0-13-C-6h6-C0.2-57	13	19	5.5	57	6	Na upit	
8	SUP 130 - 08	A-IGHM-7035-A30-2-8.0-19-C-8h6-C0.2-65	19	25	7.4	65	8	Na upit	
10	SUP 130 - 10	A-IGHM-7035-A30-3-10.0-22-C-10h6-C0.2-72	22	30	9.2	72	10	Na upit	
12	SUP 130 - 12	A-IGHM-7035-A30-3-12.0-26-C-12h6-C0.3-72	26	32	11	72	12	Na upit	
14	SUP 130 - 14	A-IGHM-7035-A30-3-14.0-32-C-14h6-C0.3-83	32	40	12.7	83	14	Na upit	
16	SUP 130 - 16	A-IGHM-7035-A30-4-16.0-36-C-16h6-C0.3-92	36	44	14.5	92	16	Na upit	
18	SUP 130 - 18	A-IGHM-7035-A30-4-18.0-38-C-18h6-C0.35-92	38	48	16.2	92	18	Na upit	
20	SUP 130 - 20	A-IGHM-7035-A30-4-20.0-40-C-20h6-C0.4-105	40	52	18	105	20	Na upit	

Primjer narudzbe / SUP 130 - 12 - HB
Order Example / SUP 130 - 12 - HB



Razvoj , konstrukcija , izrada i oštrenje
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