

# FRIDRO

## Alati

U slučaju odstupanja od cene ili tehničkih podataka blagovremeno ćemo Vas obavestiti. Kod porudžbina manjih od 5.000 RSD trošak slanja robe zaračunavamo na račun kupca. Pri štampanju može doći do grešaka na koje ne možemo uticati i za koje ne odgovaramo. Hvala na razumevanju.

FRIDRO ALATI d.o.o., Šumadijska 8, 34000 Kragujevac, Tel.: 034 355 962,  
Fax.: 034 / 356 385, Mobil: 064 / 27 89 464, E-mail: fridro@mts.rs, www.fridro.com

# AKCIJA

Ponuda važi do kraja godine 2016

Sve cene su u DIN i bez PDV-a.

06/16  
90

# STOCK

## Mašinski ureznici



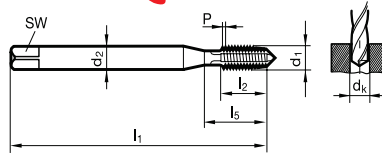
# SPECIJALNA AKCIJA 2016

## Mašinski ureznik sa žutim prstenom

### Opis:

- za prolazne rupe,
- sa uljnim kanalom,
- izbacivanje špona u smeru rezanja,
- univerzalna upotreba,
- za čelike do 800 N/mm<sup>2</sup>.

**Čelici do 800 N/mm<sup>2</sup>**



Intenzivni	DIN	B	HSS-E	blank	(R)	ISO2/6H
N	371					
P	M	K	N	S	H	

Intenzivni	DIN	B	HSS-E	blank	(R)	ISO2/6H
N	376					
P	M	K	N	S	H	

### 73133

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M2	740,-	0,400	2,800	2,100	1,60	45,000	8,000	13,500
M3	740,-	0,500	3,500	2,700	2,50	56,000	10,000	18,000
M4	740,-	0,700	4,500	3,400	3,30	63,000	12,000	21,000
M5	740,-	0,800	6,000	4,900	4,20	70,000	14,000	25,000
M6	740,-	1,000	6,000	4,900	5,00	80,000	16,000	30,000
M8	1.110,-	1,250	8,000	6,200	6,80	90,000	18,000	35,000
M10	1.145,-	1,500	10,000	8,000	8,50	100,000	20,000	39,000

### 73138

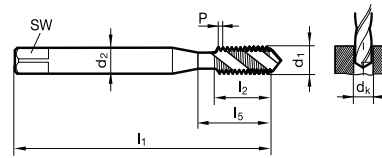
d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M12	1.850,-	1,750	9,000	7,000	10,20	110,000	24,000	49,000
M14	2.670,-	2,000	11,000	9,000	12,00	110,000	26,000	53,000
M16	2.670,-	2,000	12,000	9,000	14,00	110,000	26,000	54,000
M18	3.550,-	2,500	14,000	11,000	15,50	125,000	30,000	62,000
M20	4.110,-	2,500	16,000	12,000	17,50	140,000	32,000	62,000
M22	4.860,-	2,500	18,000	14,500	19,50	140,000	32,000	62,000
M24	4.860,-	3,000	18,000	14,500	21,00	160,000	36,000	73,000

## Mašinski ureznik sa žutim prstenom

### Opis:

- za slepe rupe,
- ugao spirale 40°,
- izbacivanje špona u smeru stabla,
- univerzalna upotreba,
- za čelike do 800 N/mm<sup>2</sup>.

**Čelici do 800 N/mm<sup>2</sup>**



Intenzivni	DIN	C	HSS-E	blank	(R)	ISO2/6H
N	371					
P	M	K	N	S	H	

Intenzivni	DIN	C	HSS-E	blank	(R)	ISO2/6H
N	376					
P	M	K	N	S	H	

### 73146

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M2	940,-	0,400	2,800	2,100	1,60	45,000	8,000	13,500
M3	940,-	0,500	3,500	2,700	2,50	56,000	6,000	18,000
M4	940,-	0,700	4,500	3,400	3,30	63,000	7,500	21,000
M5	940,-	0,800	6,000	4,900	4,20	70,000	8,500	25,000
M6	940,-	1,000	6,000	4,900	5,00	80,000	11,000	30,000
M8	1.150,-	1,250	8,000	6,200	6,80	90,000	14,000	35,000
M10	1.345,-	1,500	10,000	8,000	8,50	100,000	16,000	39,000

### 73148

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M12	2.060,-	1,750	9,000	7,000	10,20	110,000	18,500	49,000
M14	2.880,-	2,000	11,000	9,000	12,00	110,000	20,000	53,000
M16	2.880,-	2,000	12,000	9,000	14,00	110,000	20,000	54,000
M18	3.550,-	2,500	14,000	11,000	15,50	125,000	25,000	62,000
M20	4.520,-	2,500	16,000	12,000	17,50	140,000	25,000	62,000
M24	5.420,-	3,000	18,000	14,500	21,00	160,000	30,000	73,000
M27	7.660,-	3,000	20,000	16,000	24,00	160,000	30,000	73,000
M30	9.150,-	3,500	22,000	18,000	26,50	180,000	35,000	85,000

### Metrički ISO standardni navoj DIN 13

Oznaka-Ø	Korak navoja P mm	Prečnik rupe mm (burgija)-Ø DIN 336	-Ø Tolerancija 6H	
			min. mm	max. mm
M 1	0,25	0,75	0,729	0,785
M 1,1	0,25	0,85	0,829	0,885
M 1,2	0,25	0,95	0,929	0,985
M 1,4	0,30	1,10	1,075	1,142
M 1,6	0,35	1,25	1,221	1,321
M 1,8	0,35	1,45	1,421	1,521
M 2	0,40	1,60	1,567	1,679
M 2,2	0,45	1,75	1,713	1,838
M 2,5	0,45	2,05	2,013	2,138
M 3	0,50	2,50	2,459	2,599
M 3,5	0,60	2,90	2,850	3,010
M 4	0,70	3,30	3,242	3,422
M 4,5	0,75	3,70	3,688	3,878
M 5	0,80	4,20	4,134	4,334
M 6	1,00	5,00	4,917	5,153
M 7	1,00	6,00	5,917	6,153
M 8	1,25	6,80	6,647	6,912
M 9	1,25	7,80	7,647	7,912
M 10	1,50	8,50	8,376	8,676

### Metrički ISO standardni navoj DIN 13

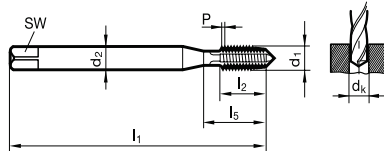
Oznaka-Ø	Korak navoja P mm	Prečnik rupe mm (burgija)-Ø DIN 336	-Ø Tolerancija 6H	
			min. mm	max. mm
M 11	1,50	9,50	9,376	9,676
M 12	1,75	10,20	10,106	10,441
M 14	2,00	12,00	11,835	12,210
M 16	2,00	14,00	13,835	14,210
M 18	2,50	15,50	15,294	15,744
M 20	2,50	17,50	17,294	17,744
M 22	2,50	19,50	19,294	19,744
M 24	3,00	21,00	20,752	21,252
M 27	3,00	24,00	23,752	24,252
M 30	3,50	26,50	26,211	26,771
M 33	3,50	29,50	29,211	29,771
M 36	4,00	32,00	31,670	32,270
M 39	4,00	35,00	34,670	35,270
M 42	4,50	37,50	37,129	37,799
M 45	4,50	40,50	40,129	40,799
M 48	5,00	43,00	42,587	43,297
M 52	5,00	47,00	46,587	47,297
M 56	5,50	50,50	50,046	50,796

# Mašinski ureznik sa crvenim prstenom

## Opis:

- za prolazne rupe,
- sa uljnim kanalom,
- izbacivanje špona u smeru rezanja,
- za materijale povećane tvrdoće,
- za čelike 1100 do 1600 N/mm<sup>2</sup>.

**Čelici od 1100 do 1600 N/mm<sup>2</sup>**



Prostori	DIN	B	HSS-E	blank	(R)	ISO2/3H
H	371		PM			
P	M	K	N	S		H
●		○				

Prostori	DIN	B	HSS-E	nitriert	(R)	ISO2/3H
H	376					
P	M	K	N	S		H
●		○				

## 73640

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M3	810,-	0,500	3,500	2,700	2,50	56,000	10,000	18,000
M4	810,-	0,700	4,500	3,400	3,30	63,000	12,000	21,000
M5	880,-	0,800	6,000	4,900	4,20	70,000	14,000	25,000
M6	880,-	1,000	6,000	4,900	5,00	80,000	16,000	30,000
M8	1.080,-	1,250	8,000	6,200	6,80	90,000	18,000	35,000
M10	1.350,-	1,500	10,000	8,000	8,50	100,000	20,000	39,000

## 73645

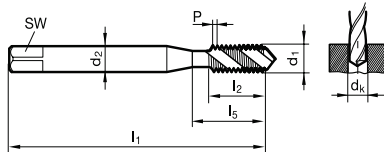
d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M12	2.060,-	1,750	9,000	7,000	10,20	110,000	24,000	49,000
M16	2.670,-	2,000	12,000	9,000	14,00	110,000	26,000	54,000
M20	4.110,-	2,500	16,000	12,000	17,50	140,000	32,000	62,000

# Mašinski ureznik sa crvenim prstenom

## Opis:

- za slepe rupe,
- ugao spirale 40°,
- izbacivanje špona u smeru stabla,
- za materijale povećane tvrdoće,
- za čelike 1100 do 1600 N/mm<sup>2</sup>.

**Čelici od 1100 do 1600 N/mm<sup>2</sup>**



Prostori	DIN	C	HSS-E	blank	(R)	ISO2/3H
H	371					
P	M	K	N	S		H
●		○				

Prostori	DIN	C	HSS-E	blank	(R)	ISO2/3H
H	376					
P	M	K	N	S		H
●		○				

## 73661

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M3	810,-	0,500	3,500	2,700	2,50	56,000	6,000	18,000
M4	810,-	0,700	4,500	3,400	3,30	63,000	7,500	21,000
M5	880,-	0,800	6,000	4,900	4,20	70,000	8,500	25,000
M6	880,-	1,000	6,000	4,900	5,00	80,000	11,000	30,000
M8	1.080,-	1,250	8,000	6,200	6,80	90,000	14,000	35,000
M10	1.345,-	1,500	10,000	8,000	8,50	100,000	16,000	39,000

## 73664

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M12	2.260,-	1,750	9,000	7,000	10,20	110,000	18,500	49,000
M14	3.080,-	2,000	11,000	9,000	12,00	110,000	20,000	53,000
M16	3.080,-	2,000	12,000	9,000	14,00	110,000	20,000	54,000
M20	4.520,-	2,500	16,000	12,000	17,50	140,000	25,000	62,000

## Vitvortov - colovni navoj (DIN-ISO 228-1)

Oznaka-Ø inč	Broj navoja po inču	Prečnik rupe mm (burgija)-Ø DIN 336	-Ø Tolerancija	
			min. mm	max. mm
G 1/16	28	9,80	6,561	6,843
G 1/8	28	9,80	8,566	8,848
G 1/4	19	11,80	11,445	11,890
G 3/8	19	15,25	14,950	15,395
G 1/2	14	19,00	18,631	19,172
G 5/8	14	21,00	20,587	21,128
G 3/4	14	24,50	24,117	24,658
G 7/8	14	28,25	27,877	28,418
G 1	11	30,75	30,291	30,931
G 1 1/8	11	35,50	34,939	35,579
G 1 1/4	11	39,50	38,952	39,592
G 1 1/2	11	45,25	44,845	45,485
G 1 3/4	11	51,00	50,788	51,428
G 2	11	57,00	56,656	57,296

## Metrički ISO navoj za valjanje navoja DIN 13

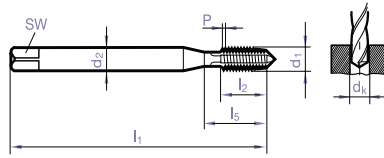
Oznaka-Ø inč	Korak navoja P mm	Burgija-Ø mm	Burgija - Ø		-Ø Tolerancija 7H	
			min. mm	max. mm	min. mm	max. mm
M 1	0,25	0,75	0,729	0,785		
M 1,1	0,25	0,85	0,829	0,885		
M 1,2	0,25	0,95	0,929	0,985		
M 1,4	0,30	1,10	1,075	1,142		
M 1,6	0,35	1,25	1,221	1,321		
M 1,8	0,35	1,45	1,421	1,521		
M 2	0,40	1,85	1,84	1,88	1,567	1,679
M 2,2	0,45	2,00	2,01	2,05	1,713	1,838
M 2,5	0,45	2,30	2,28	2,32	2,013	2,138
M 3	0,50	2,80	2,78	2,85	2,459	2,639
M 3,5	0,60	3,25	3,23	3,30	2,850	3,050
M 4	0,70	3,70	3,68	3,76	3,242	3,466
M 4,5	0,75	4,20				
M 5	0,80	4,65	4,62	4,71	4,134	4,384
M 6	1,00	5,55	5,52	5,62	4,917	5,217
M 7	1,00	6,55	6,52	6,62	5,917	6,217
M 8	1,25	7,40	7,36	7,47	6,647	6,982
M 9	1,25	8,40	8,36	8,47	7,647	7,982
M 10	1,50	9,30	9,26	9,38	8,376	8,751
M 11	1,50	10,30	10,26	10,38	9,376	9,751
M 12	1,75	11,20	11,15	11,29	10,106	10,531
M 14	2,00	13,10	13,05	13,20	11,835	12,310
M 16	2,00	15,10	15,05	15,20	13,835	14,310
M 18	2,50	16,90	16,83	17,02	15,294	15,854
M 20	2,50	18,90	18,83	19,02	17,294	17,854
M 22	2,50	20,90	20,83	21,02	19,294	19,854
M 24	3,00	22,70	22,62	22,80	20,752	21,382
M 27	3,00	25,70	25,62	25,80	23,752	24,382
M 30	3,50	28,50	28,40	28,60	26,211	26,921
M 33	3,50	31,50	31,40	31,60	29,211	29,921
M 36	4,00	34,30	34,17	34,40	31,670	32,420
M 39	4,00	37,30	37,17	37,40	34,670	35,420
M 42	4,50	40,10	39,95	40,20	37,129	37,979

## Mašinski ureznik sa zelenim prstenom

### Opis:

- za prolazne rupe,
- sa uljnim kanalom,
- izbacivanje špona u smeru rezanja,
- univerzalna upotreba,
- za čelike do 1100 N/mm<sup>2</sup>.

**Čelici do 1100 N/mm<sup>2</sup>**



Intenzivni	DIN	B	HSS-E	dampferhandelt	(R)	ISO2/3H
N	371					
P	M	K	N	S	H	
●	○	○	○	○		

Intenzivni	DIN	B	HSS-E	dampferhandelt	(R)	ISO2/3H
N	376					
P	M	K	N	S	H	
●	○	○	○	○		

### 73033

d1	cena/kom	P	d2	SW	dk	l1	l2	l5
		mm	mm	mm	mm	mm	mm	mm
M3	740,-	0,500	3,500	2,700	2,50	56,000	10,000	18,000
M4	820,-	0,700	4,500	3,400	3,30	63,000	12,000	21,000
M5	820,-	0,800	6,000	4,900	4,20	70,000	14,000	25,000
M6	820,-	1,000	6,000	4,900	5,00	80,000	16,000	30,000
M8	1.110,-	1,250	8,000	6,200	6,80	90,000	18,000	35,000
M10	1.150,-	1,500	10,000	8,000	8,50	100,000	20,000	39,000

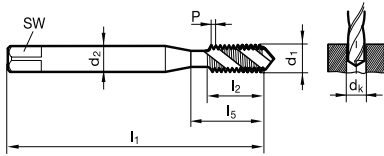
### 73038

d1	cena/kom	P	d2	SW	dk	l1	l2	l5
		mm	mm	mm	mm	mm	mm	mm
M12	1.850,-	1,750	9,000	7,000	10,20	110,000	24,000	49,000
M14	2.670,-	2,000	11,000	9,000	12,00	110,000	26,000	53,000
M16	2.670,-	2,000	12,000	9,000	14,00	110,000	26,000	54,000
M18	3.590,-	2,500	14,000	11,000	15,50	125,000	30,000	62,000
M20	4.110,-	2,500	16,000	12,000	17,50	140,000	32,000	62,000
M22	4.860,-	2,500	18,000	14,500	19,50	140,000	32,000	62,000
M24	4.860,-	3,000	18,000	14,500	21,00	160,000	36,000	73,000

## Mašinski ureznik sa zelenim prstenom

### Opis:

- za slepe rupe,
- ugao spirale 40°
- izbacivanje špona u smeru stabla,
- univerzalna upotreba,
- za čelike do 1100 N/mm<sup>2</sup>.



Intenzivni	DIN	C	HSS-E	dampferhandelt	(R)	ISO2/3H
N	371					
P	M	K	N	S	H	
●	○	○	○	○		

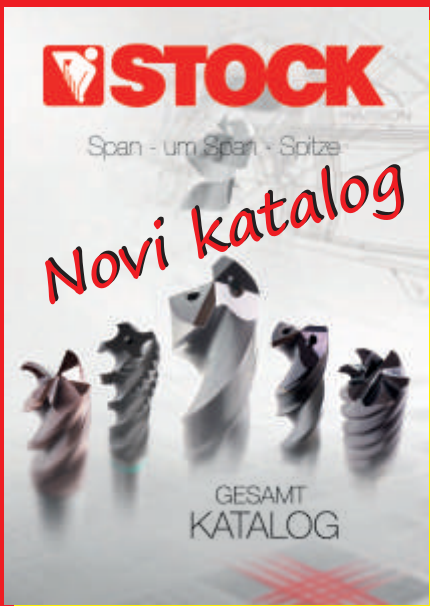
Intenzivni	DIN	C	HSS-E	dampferhandelt	(R)	ISO2/3H
N	376					
P	M	K	N	S	H	
●	○	○	○	○		

### 73046

d1	cena/kom	P	d2	SW	dk	l1	l2	l5
		mm	mm	mm	mm	mm	mm	mm
M3	940,-	0,500	3,500	2,700	2,50	56,000	6,000	18,000
M4	940,-	0,700	4,500	3,400	3,30	63,000	7,500	21,000
M5	940,-	0,800	6,000	4,900	4,20	70,000	8,500	25,000
M6	940,-	1,000	6,000	4,900	5,00	80,000	11,000	30,000
M8	1.150,-	1,250	8,000	6,200	6,80	90,000	14,000	35,000
M10	1.345,-	1,500	10,000	8,000	8,50	100,000	16,000	39,000

### 73048

d1	cena/kom	P	d2	SW	dk	l1	l2	l5
		mm	mm	mm	mm	mm	mm	mm
M12	2.050,-	1,750	9,000	7,000	10,20	110,000	18,500	49,000
M14	2.880,-	2,000	11,000	9,000	12,00	110,000	20,000	53,000
M16	2.880,-	2,000	12,000	9,000	14,00	110,000	20,000	54,000
M18	3.920,-	2,500	14,000	11,000	15,50	125,000	25,000	62,000
M20	4.520,-	2,500	16,000	12,000	17,50	140,000	25,000	62,000
M22	4.856,-	2,500	18,000	14,500	19,50	140,000	27,000	62,000
M24	5.415,-	3,000	18,000	14,500	21,00	160,000	30,000	73,000



# Mašinski ureznik sa zelenim prstenom i TiN presvlakom

## Opis:

- za slepe rupe,
- ugao spirale 40°,
- izbacivanje špona u smeru stabla,
- DIN 371 sa ojačanim stablom,
- za čelike do 1100 N/mm<sup>2</sup>.

63046



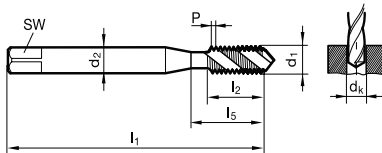
63048



d1	cena/kom	P mm	d2 mm	SW mm	dk mm	I1 mm	I2 mm	I5 mm
M12	2.750,-	0,500	3,500	2,700	2,50	56,000	10,000	18,000
M16	3.480,-	0,700	4,500	3,400	3,30	63,000	12,000	21,000
M20	4.950,-	0,800	6,000	4,900	4,20	70,000	14,000	25,000

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	I1 mm	I2 mm	I5 mm
M3	1.440,-	0,500	3,500	2,700	2,50	56,000	10,000	18,000
M4	1.440,-	0,700	4,500	3,400	3,30	63,000	12,000	21,000
M5	1.645,-	0,800	6,000	4,900	4,20	70,000	14,000	25,000
M6	1.850,-	1,000	6,000	4,900	5,00	80,000	16,000	30,000
M8	2.055,-	1,250	8,000	6,200	6,80	90,000	18,000	35,000
M10	2.470,-	1,500	10,000	8,000	8,50	100,000	20,000	39,000

Intenzivni N	DIN 376	C	HSS-E	TiN	(R)	ISO228H
P	M	K	N	S	H	



Intenzivni N	DIN 371	C	HSS-E	TiN	(R)	ISO228H
P	M	K	N	S	H	

## Opis:

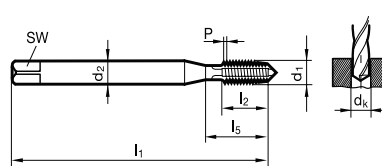
- za prolazne rupe,
- sa uljnim kanalom,
- izbacivanje špona u smeru rezanja,
- univerzalna upotreba,
- za čelike do 1100 N/mm<sup>2</sup>.



Čelici do 1000 N/mm<sup>2</sup>

63033

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	I1 mm	I2 mm	I5 mm
M3	1.235,-	0,500	3,500	2,700	2,50	56,000	6,000	18,000
M4	1.235,-	0,700	4,500	3,400	3,30	63,000	7,500	21,000
M5	1.235,-	0,800	6,000	4,900	4,20	70,000	8,500	25,000
M6	1.645,-	1,000	6,000	4,900	5,00	80,000	11,000	30,000
M8	1.850,-	1,250	8,000	6,200	6,80	90,000	14,000	35,000
M10	2.055,-	1,500	10,000	8,000	8,50	100,000	16,000	39,000



Intenzivni N	DIN 371	B	HSS-E	TiN	(R)	ISO228H
P	M	K	N	S	H	

# Mašinski ureznik sa žutim prstenom i TiN presvlakom

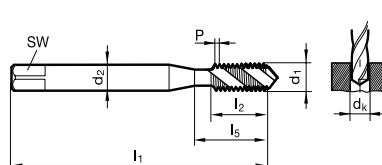
## Opis:

- za slepe rupe,
- ugao spirale 40°,
- izbacivanje špona u smeru stabla,
- univerzalna upotreba,
- za čelike do 800 N/mm<sup>2</sup>.

63146



d1	cena/kom	P mm	d2 mm	SW mm	dk mm	I1 mm	I2 mm	I5 mm
M3	1.120,-	0,500	3,500	2,700	2,50	56,000	6,000	18,000
M4	1.120,-	0,700	4,500	3,400	3,30	63,000	7,500	21,000
M5	1.120,-	0,800	6,000	4,900	4,20	70,000	8,500	25,000
M6	1.160,-	1,000	6,000	4,900	5,00	80,000	11,000	30,000
M8	1.250,-	1,250	8,000	6,200	6,80	90,000	14,000	35,000
M10	1.640,-	1,500	10,000	8,000	8,50	100,000	16,000	39,000



Intenzivni N	DIN 371	C	HSS-E	TiN	(R)	ISO228H
P	M	K	N	S	H	

## Opis:

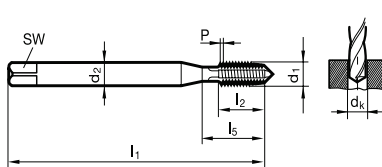
- za prolazne rupe,
- sa uljnim kanalom,
- izbacivanje špona u smeru rezanja,
- univerzalna upotreba,
- za čelike do 800 N/mm<sup>2</sup>.



Univerzal

63133

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	I1 mm	I2 mm	I5 mm
M3	900,-	0,500	3,500	2,700	2,50	56,000	10,000	18,000
M4	900,-	0,700	4,500	3,400	3,30	63,000	12,000	21,000
M5	900,-	0,800	6,000	4,900	4,20	70,000	14,000	25,000
M6	900,-	1,000	6,000	4,900	5,00	80,000	16,000	30,000
M8	1.100,-	1,250	8,000	6,200	6,80	90,000	18,000	35,000
M10	1.270,-	1,500	10,000	8,000	8,50	100,000	20,000	39,000



Intenzivni N	DIN 371	B	HSS-E	TiN	(R)	ISO228H
P	M	K	N	S	H	

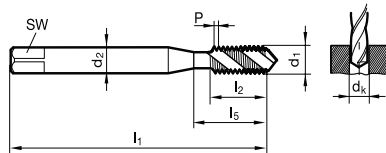
## Obojeni prstenovi za označavanje grupe materijala:

- Univerzalni za čelike
- Za materijale povećane tvrdoće
- Za prohrom i kiselo otporne materijale
- Univerzalna primena
- Aluminijum i AL-legure
- Sivi liv, liveno gvožđe

# Mašinski ureznik sa plavim prstenom

## Opis:

- za slepe rupe,
- ugao spirale 40°,
- izbacivanje špona u smeru stabla,
- za prohrom i kiselo-otporne materijale.



Intenzivni HD	DIN 371	C	HSS-E PM	blank	(R)	ISO2/BH
P	M	K	N	S	H	

Intenzivni HD	DIN 376	C	HSS-E PM	blank	(R)	ISO2/BH
P	M	K	N	S	H	

**INOX**



## 73662

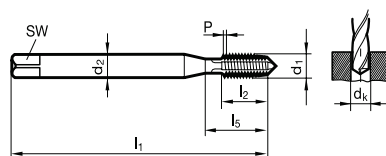
## 73665

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M3	1.010,-	0,500	3,500	2,700	2,50	56,000	6,000	18,000
M4	1.010,-	0,700	4,500	3,400	3,30	63,000	7,500	21,000
M5	1.010,-	0,800	6,000	4,900	4,20	70,000	8,500	25,000
M6	1.010,-	1,000	6,000	4,900	5,00	80,000	11,000	30,000
M8	1.345,-	1,250	8,000	6,200	6,80	90,000	14,000	35,000
M10	1.545,-	1,500	10,000	8,000	8,50	100,000	16,000	39,000

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M12	2.260,-	1,750	9,000	7,000	10,20	110,000	18,500	49,000
M14	3.080,-	2,000	11,000	9,000	12,00	110,000	20,000	53,000
M16	3.080,-	2,000	12,000	9,000	14,00	110,000	20,000	54,000
M18	4.520,-	2,500	14,000	11,000	15,50	125,000	25,000	62,000
M20	4.520,-	2,500	16,000	12,000	17,50	140,000	25,000	62,000
M22	5.975,-	2,500	18,000	14,500	19,50	140,000	27,000	62,000
M24	6.720,-	3,000	18,000	14,500	21,00	160,000	30,000	73,000

## Opis:

- za prolazne rupe,
- sa uljnim kanalom,
- izbacivanje špona u smeru rezanja,
- za prohrom i kiselo-otporne materijale.



Intenzivni HD	DIN 371	B	HSS-E PM	blank	(R)	ISO2/BH
P	M	K	N	S	H	

Intenzivni HD	DIN 376	B	HSS-E PM	blank	(R)	ISO2/BH
P	M	K	N	S	H	

**INOX**



## 73641

## 73643

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M3	940,-	0,500	3,500	2,700	2,50	56,000	10,000	18,000
M4	940,-	0,700	4,500	3,400	3,30	63,000	12,000	21,000
M5	940,-	0,800	6,000	4,900	4,20	70,000	14,000	25,000
M6	940,-	1,000	6,000	4,900	5,00	80,000	16,000	30,000
M8	1.150,-	1,250	8,000	6,200	6,80	90,000	18,000	35,000
M10	1.420,-	1,500	10,000	8,000	8,50	100,000	20,000	39,000

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l5 mm
M12	2.060,-	1,750	9,000	7,000	10,20	110,000	24,000	49,000
M14	2.670,-	2,000	11,000	9,000	12,00	110,000	26,000	53,000
M16	2.670,-	2,000	12,000	9,000	14,00	110,000	26,000	54,000
M18	3.830,-	2,500	14,000	11,000	15,50	125,000	30,000	62,000
M20	4.120,-	2,500	16,000	12,000	17,50	140,000	32,000	62,000
M22	5.230,-	2,500	18,000	14,500	19,50	140,000	34,000	62,000

## Tabela:

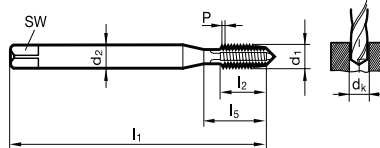
P	Čelik, visoko legirani čelik
M	Nerđajući čelik
K	Liveno gvožđe, nodularni liv i kovani liv
N	Aluminijum i drugi nemetali
S	Teškoobrađivi materijali, titanijumske legure, manganski čelici
H	Legirani čelik i beli tvrdi liv

# Mašinski ureznik sa belim prstenom

## Opis:

- za slepe i prolazne rupe,
- za sivi liv, nodularni liv, liveno gvožđe.

**Sivi liv**



## 73201

d1	cena/kom	P	d2	SW	dk	l1	l2	l5
		mm	mm	mm	mm	mm	mm	mm
M3	810,-	0,500	3,500	2,700	2,50	56,000	10,000	18,000
M4	810,-	0,700	4,500	3,400	3,30	63,000	12,000	21,000
M5	810,-	0,800	6,000	4,900	4,20	70,000	14,000	25,000
M6	810,-	1,000	6,000	4,900	5,00	80,000	16,000	30,000
M8	1.010,-	1,250	8,000	6,200	6,80	90,000	18,000	35,000
M10	1.280,-	1,500	10,000	8,000	8,50	100,000	20,000	39,000

GG	DIN 371	C	HSS-Entriert	(R)	6HX	
	P	M	K	N	S	H

# Mašinski ureznik sa crnim prstenom

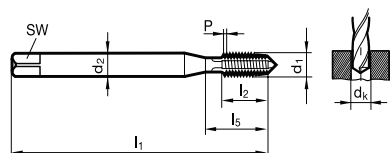
## Opis:

- za prolazne rupe,
- sa uljnim kanalom,
- izbacivanje špona u smeru rezanja,
- za obojene metale, aluminijum i Al-legure.



Produktiv	DIN 371	B	HSS-E blank	(R)	ISO269
P	M	K	N	S	H

**Aluminijum i Al-legure**



## 73131

d1	cena/kom	P	d2	SW	dk	l1	l2	l5
		mm	mm	mm	mm	mm	mm	mm
M2	810,-	0,400	2,800	2,100	1,60	45,000	8,000	13,500
M3	810,-	0,500	3,500	2,700	2,50	56,000	10,000	18,000
M4	810,-	0,700	4,500	3,400	3,30	63,000	12,000	21,000
M5	880,-	0,800	6,000	4,900	4,20	70,000	14,000	25,000
M6	880,-	1,000	6,000	4,900	5,00	80,000	16,000	30,000
M8	1.010,-	1,250	8,000	6,200	6,80	90,000	18,000	35,000
M10	1.210,-	1,500	10,000	8,000	8,50	100,000	20,000	39,000

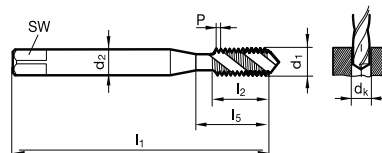
# Mašinski ureznik sa crnim prstenom

## Opis:

- za slepe rupe,
- ugao spirale 45°,
- izbacivanje špona u smeru stabla,
- za obojene metale, aluminijum i Al-legure.



Intensiv	DIN 371	C	HSS-E blank	(R)	ISO269
P	M	K	N	S	H



## 73156

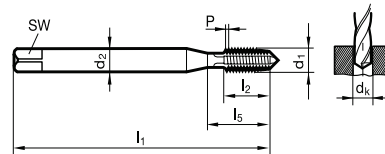
d1	cena/kom	P	d2	SW	dk	l1	l2	l5
		mm	mm	mm	mm	mm	mm	mm
M2	810,-	0,400	2,800	2,100	1,60	45,000	8,000	13,500
M3	810,-	0,500	3,500	2,700	2,50	56,000	10,000	18,000
M4	810,-	0,700	4,500	3,400	3,30	63,000	12,000	21,000
M5	880,-	0,800	6,000	4,900	4,20	70,000	14,000	25,000
M6	880,-	1,000	6,000	4,900	5,00	80,000	16,000	30,000
M8	1.010,-	1,250	8,000	6,200	6,80	90,000	18,000	35,000
M10	1.210,-	1,500	10,000	8,000	8,50	100,000	20,000	39,000



# Mašinski ureznik sa zelenim prstenom

## Opis:

- za prolazne rupe,
- sa uljnim kanalom,
- izbacivanje špona u smeru rezanja,
- univerzalna upotreba,
- za čelike do 1100 N/mm<sup>2</sup>.



## 73321

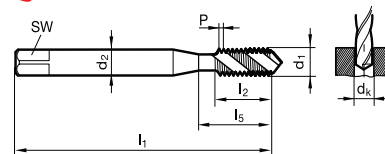
Kat. br.	d1	cena/kom	P G/inch	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l3 mm
9,728	G 1/8	1.820,-	28	7,000	5,500	8,80	90,000	18,000	35,000
13,157	G 1/4	3.180,-	19	11,000	9,000	11,80	100,000	20,000	40,000
16,662	G 3/8	4.125,-	19	12,000	9,000	15,25	100,000	22,000	44,000
20,955	G 1/2	5.040,-	14	16,000	12,000	19,00	125,000	25,000	44,000
26,441	G 3/4	8.390,-	14	20,000	16,000	24,50	140,000	28,000	53,000
33,249	G 1	10.050,-	11	25,000	20,000	30,75	160,000	30,000	56,000

**Čelici do 1000 N/mm<sup>2</sup>**

Proizvodnja	DIN	B	HSS-E	čamplje- hardit	(R)
N	5156				
P	M	K	N	S	H
●	○	○	○	○	○

## Opis:

- za slepe rupe,
- ugao spirale 40°,
- izbacivanje špona u smeru stabla,
- univerzalna upotreba,
- za čelike do 1100 N/mm<sup>2</sup>.



## 73325

Kat. br.	d1	cena/kom	P G/inch	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l3 mm
9,728	G 1/8	1.960,-	28	7,000	5,500	8,80	90,000	11,000	35,000
13,157	G 1/4	3.180,-	19	11,000	9,000	11,80	100,000	14,000	40,000
16,662	G 3/8	4.390,-	19	12,000	9,000	15,25	100,000	14,000	44,000
20,955	G 1/2	5.700,-	14	16,000	12,000	19,00	125,000	18,000	44,000
26,441	G 3/4	8.480,-	14	20,000	16,000	24,50	140,000	20,000	53,000
33,249	G 1	11.000,-	11	25,000	20,000	30,75	160,000	24,000	56,000

Proizvodnja	DIN	C	HSS-E	čamplje- hardit	(R)
N	5156				
P	M	K	N	S	H
●	○	○	○	○	○

# Uvaljivač navoja sa TiN presvlakom

## Opis:

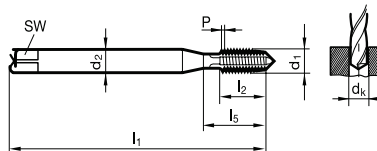
- za prolazne i slepe rupe,
- za velike dubine navoja,
- od žilavog materijala, nerđajućeg i otpornog na kiseline,
- za čelike do 1000 N/mm<sup>2</sup>,
- univerzalna upotreba.



**Čelici do 1000 N/mm<sup>2</sup>**

## 63120

d1	cena/kom	P mm	d2 mm	SW mm	dk mm	l1 mm	l2 mm	l3 mm
M3	1.650,-	0,500	3,500	2,700	2,80	56,000	10,000	18,000
M4	1.650,-	0,700	4,500	3,400	3,70	63,000	12,000	21,000
M5	1.850,-	0,800	6,000	4,900	4,65	70,000	14,000	25,000
M6	2.200,-	1,000	6,000	4,900	5,55	80,000	16,000	30,000
M8	2.200,-	1,250	8,000	6,200	7,40	90,000	18,000	35,000
M10	2.520,-	1,500	10,000	8,000	9,25	100,000	20,000	39,000



Durativ	DIN	C	HSS-E	TiN	(R)	6HX
371						
P	M	K	N	S	H	
●	●	●	●	●	●	●