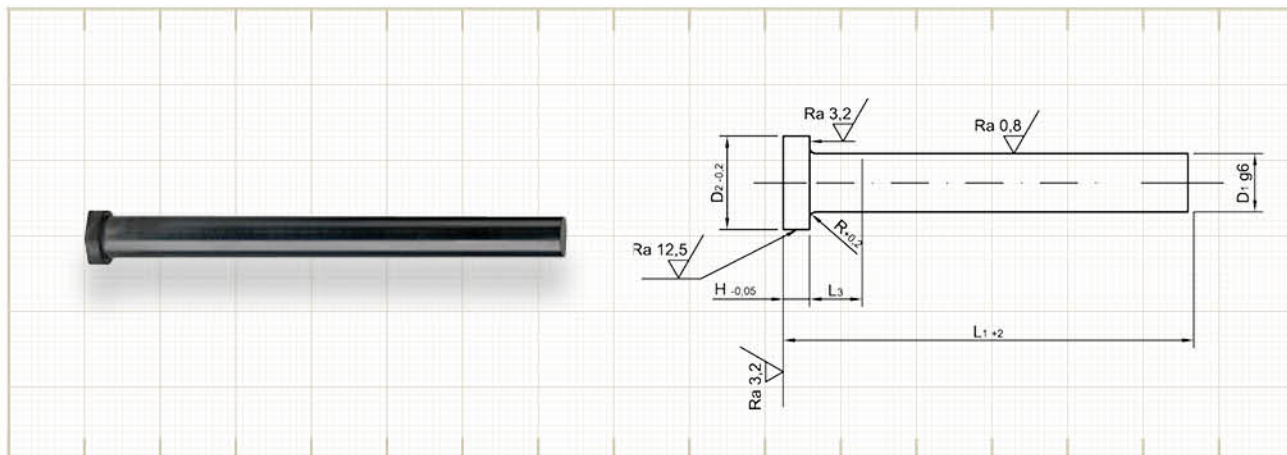


Črno oksidirana, plazma nitrirana izmetalna igla s cilindrično glavo.

Black oxidized plasma nitrided Ejector Pin with cylindrical head.



Obseg uporabe::

Za izmet oblikovanih delov iz orodja za tlačno litje in vbrizgalno vlivanje.

Range of application:

Die casting and injection molding.

Prednosti:

- zaščita orodja s pomočjo oksidacijskega premaza
- večja življenjska doba kalupa kot pri uporabi navadnih igel
- odlična drsna lastnost, zahvaljujoč oksidacijskemu premazu
- večja odpornost proti koroziji (zaradi oksidacijskega premaza)
- z uporabo masti AWF 1400 se življenjska doba orodja še poveča

Advantages:

- Protection of the tool by means of the oxidized layer
- Increased service life of the mold when using ordinary pins
- Excellent feature of dry running, thanks to an oxidized layer
- Greater resistance to corrosion (due to oxidized layer)
- Using AWF 1400, the life of the tool is increased

Vbrizgalno vlivanje:

- najboljša zamenjava za svetle, nitrirane (A004) in kaljene izmetalne igle (A001).
- oksidacijska površina se ne odlušči med delovanjem
- večja življenjska doba kot pri svetlih, nitriranih (A004) in kaljenih (A001) izmetalnih iglah.

Injection molding:

- Best replacement for the bright nitrided (A004) and hardened ejector pin (A001).
- Oxidized layer does not peel off during the operation
- Greater life span than light, nitrided (A004) and hardened (A001) ejector pin.

Tlačno litje:

- najboljša zamenjava za nitrirane, MoS2 prevlečene izmetalne igle (A003);
- talina se ne prime oksidacijskega premaza;
- MoS2.

Die-casting:

- Best replacement for nitrided, MoS2 surface ejector pin (A003);
- melt does not stick to the oxidized coating;
- MoS2 layer.

Dimenzije so prikazane v tabeli.

The dimensions are shown in the table.

Prileganje / Toleranca:

Premer D_1 , dolžina L_2

Ø	1,5 - 3	3,2 - 6	6,2 - 10	10,2 - 18	20 - 25	32 - 40
g6	-0,002	-0,004	-0,005	-0,006	-0,007	-0,009
	-0,008	-0,012	-0,014	-0,017	-0,020	-0,025

Fit / Tolerance:

D_1 diameter, length L_2

Ø	1,5 - 3	3,2 - 6	6,2 - 10	10,2 - 18	20 - 25	32 - 40
g6	-0,002	-0,004	-0,005	-0,006	-0,007	-0,009
	-0,008	-0,012	-0,014	-0,017	-0,020	-0,025

Izmetalne igle DIN ISO 6751 AV03

Ejector Pins DIN ISO 6751 AV03

EXACTA
NORMALIJE

Material:

WAS (vroča delovna kovina), primerna za nitiranje.

Št. materiala:

- 1.2343 (x 38 Cr Mo V51)
- 1.2344 (x 40 Cr Mo V 51)

Karakteristike:

- kalilna stabilnost pribl.: 600°C / 1112°F
- oksidacijski premaz zdrži do pribl.: 500° C / 932° F

Trdota		HRC
Steblo	trdota jedra je kaljena na pribl.	44 (1400 Mpa)
Površina	plazma nitirane in oksidirane na pribl.	70 (950-1100 HV 0,3 kp)
Glava		45+-5 (1250-1670 Mpa)

Obdelava:

Brušeno steblo, vroče kovana cilindrična glava, plazma nitrirano in črno oksidirano.

Material:

WAS (hot-work tool steel) suitable for nitriding.

Num. of the material:

- 1.2343 (X 38 Cr Mo V51)
- 1.2344 (X 40 Cr Mo V 51)

Material properties:

- Stability.: approx 600 ° C / 1112 ° F
- Oxidized protective coating can withstand temperatures to: 500 ° C / 932 ° F

Hardness		HRC
Shank	hardened kernel to approx.	44 (1400 Mpa)
Surface	plasma nitrided and oxidized at approx.	70 (950-1100 HV 0,3 kp)
Head		45+-5 (1250-1670 Mpa)

Finish:

Ground shank, hot forged cylindrical head, plazma nitrided and black oxidized.

Opomba: Izmetalne igle lahko preprosto skrajšamo na katerokoli željeno dolžino, ne da bi odluščili nitirno in oksidacijsko plast.

Note: Ejector pins are simply reduced to any desired length, without peeled off nitrided surface and oxidation layer.

1 Standardne mere DIN ISO 6751 AV03

Standard dimensions to DIN ISO 6751 AV03

Ø D ₁ g6 [mm]	D ₂ x H -0,2 -0,05 [mm]	R +0,2 [mm]	Model AV03 L ₁ + 2 [mm]												
			100	125	160	200	250	315	400	500	630	800	1000	1250	1600
1,00	2,5 x 1,2	0,2	●	●	●	●									
1,10			●	●	●	●									
1,20			●	●	●	●									
1,30	3 x 1,5		●	●	●	●									
1,40			●	●	●	●									
1,50			●	●	●	●	●								
1,60			●	●	●	●	●								
1,70			●	●	●	●	●								
1,80			●	●	●	●	●								
1,90	●		●	●	●	●									
2,00	4 x 2		●	●	●	●	●	●	●						
2,10			●	●	●	●	●	●	●						
2,20		●	●	●	●	●	●	●							
2,50	5 x 2	●	●	●	●	●	●								
2,60		●	●	●	●	●	●								
2,70		●	●	●	●	●	●								
2,80		●	●	●	●	●	●								
3,00	6 x 3	●	●	●	●	●	●	●	●						
3,10		●	●	●	●	●	●	●	●						
3,20		●	●	●	●	●	●	●	●						
3,30		●	●	●	●	●	●	●	●						
3,40	7 x 3	●	●	●	●	●	●	●	●	●					
3,50		●	●	●	●	●	●	●	●	●					
3,60		●	●	●	●	●	●	●	●	●					
3,70		●	●	●	●	●	●	●	●	●					
3,80	8 x 3	●	●	●	●	●	●	●	●	●	●				
4,00		●	●	●	●	●	●	●	●	●	●	●			
4,10		●	●	●	●	●	●	●	●	●	●	●			
4,20		●	●	●	●	●	●	●	●	●	●	●			
4,30		●	●	●	●	●	●	●	●	●	●	●			
4,40		●	●	●	●	●	●	●	●	●	●	●			
4,50		●	●	●	●	●	●	●	●	●	●	●			
4,60		●	●	●	●	●	●	●	●	●	●	●			
4,70	●	●	●	●	●	●	●	●	●	●	●				
4,80	●	●	●	●	●	●	●	●	●	●	●				
4,90	●	●	●	●	●	●	●	●	●	●	●				
5,00	10 x 3	●	●	●	●	●	●	●	●	●	●	●	●		
5,10		●	●	●	●	●	●	●	●	●	●	●	●		
5,20		●	●	●	●	●	●	●	●	●	●	●	●		
5,30		●	●	●	●	●	●	●	●	●	●	●	●		
5,40		●	●	●	●	●	●	●	●	●	●	●	●		
5,50		●	●	●	●	●	●	●	●	●	●	●	●	●	

Standardne mere DIN ISO 6751 AV03

Standard dimensions to DIN ISO 6751 AV03

Ø D ₁ g6 [mm]	D ₂ x H -0,2 -0,05 [mm]	R +0,2 [mm]	Model AV03 L ₁ + 2 [mm]																
			100	125	160	200	250	315	400	500	630	800	1000	1250	1600				
6,00	12x5	0,5	●	●	●	●	●	●	●	●	●	●	●						
6,10			●	●	●	●													
6,20			●	●	●	●	●	●	●	●	●	●							
6,30			●	●	●	●													
6,50			●	●	●	●	●	●	●	●	●	●							
6,60			●	●	●	●													
6,70			●	●	●	●													
6,80			●	●	●	●	●												
6,90			●	●	●	●													
7,00			●	●	●	●	●	●	●	●	●	●	●						
7,20			●	●	●	●	●												
7,50			●	●	●	●	●	●	●	●									
8,00			14x5	0,5	●	●	●	●	●	●	●	●	●	●	●				
8,20					●	●	●	●	●	●	●	●	●						
8,50	●	●			●	●	●	●	●	●	●								
8,70	●	●			●	●													
9,00	●	●			●	●	●	●	●	●	●								
9,50	●	●			●	●	●	●	●										
10,00	16x5	0,5	●		●	●	●	●	●	●	●	●	●	●	●	●			
10,20			●		●	●	●	●	●	●	●	●							
10,50			●		●	●	●	●	●	●	●	●							
11,00			●		●	●	●	●	●	●	●	●							
11,50			●		●	●	●												
12,00	18x7		0,8		●	●	●	●	●	●	●	●	●	●	●	●	●		
12,20					●	●	●	●	●	●	●	●	●						
12,50					●	●	●	●	●	●	●	●	●	●					
13,00				●	●	●	●	●	●	●									
14,00	22x7			0,8	●	●	●	●	●	●	●	●	●	●	●	●	●		
15,00					●	●	●	●	●	●	●	●	●	●	●	●	●	●	
16,00					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
18,00					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
20,00	26x8				1,0		●	●	●	●	●	●	●	●	●	●	●	●	
25,00	32x10						●	●	●	●	●	●	●	●	●	●	●		
32,00	40x10							●	●	●	●	●	●	●	●	●	●	●	

Večina dimenzij igel je na zalogi v skladišču. Most of the dimensions are in stock.