

**NEW**



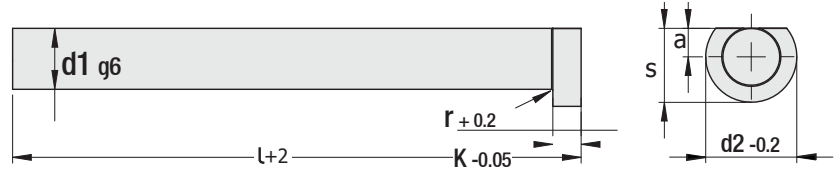
**Type-2**

**Type-1**

## Ejector Pin with Locking Head (Anti-Rotating)

Code: **SDI**

The new generation of ejector pins with locking head allows the precise centring of individually contoured ejector or core pins in the mould. The centring ensures a precise mounting position within the mould.



### Type-1

**Material:** 1.2516 WS  
**Head Hardness:** 45 ± 2 HRC  
**Body Hardness:** 60 ± 2 HRC  
**Heat Resistance:** 220° max.  
**Tensile Resistance:** 1300 N / mm<sup>2</sup>

### Type-2

**Material:** 1.2343 Plasma Nitrided + Oxidation Coated  
**Heat Resistance with Lubricating Grease:** 1400° max.  
**Heat Resistance:** 650° max. (without lub. grease)  
**Head Hardness:** 45 ± 5 HRC  
**Body Hardness:** 44 HRC  
**Oxidation Clad Body Hardness:** 70 HRC  
**Tensile Resistance:** 1450 N / mm<sup>2</sup>

d1	l	d2	K	a	s
3.0	100	6	3	1.5	4.5
	125				
	160				
	200				
	250				
	315				
	400				
3.5	100	7	3	1.75	5.25
	125				
	160				
	200				
	250				
4.0	100	8	3	2	6
	125				
	160				
	200				
	250				
	315				
4.5	100	8	3	2.25	6.25
	125				
	160				
	200				
	250				
5.0	100	10	3	2.5	7.5
	125				
	160				
	200				
	250				
	315				
	400				
	500				

d1	l	d2	K	a	s
5.5	100	10	3	2.75	7.75
	125				
	160				
	200				
	250				
6.0	100	12	5	3	9
	125				
	160				
	200				
	250				
7.0	100	12	5	3.5	9.5
	125				
	160				
	200				
	250				
	315				
7.5	100	12	5	3.75	9.75
	125				
	160				
	200				
	250				
8	100	14	5	4	11
	125				
	160				
	200				
	250				
	315				
	400				
	500				

d1	l	d2	K	a	s
8.5	100	14	5	4.25	11.25
	125				
	160				
	200				
	250				
	315				
9	100	14	5	4.5	11.5
	125				
	160				
	200				
	250				
10	100	16	5	5	13
	125				
	160				
	200				
	250				
	315				
11	100	16	5	5.5	13.5
	125				
	160				
	200				
	250				
12	100	18	7	6	15
	125				
	160				
	200				
	250				
	315				
	400				
500					

d1	l	d2	K	a	s
14	100	22	7	7	18
	125				
	160				
	200				
	250				
16	100	22	7	8	19
	125				
	160				
	200				
	250				
	315				
20	100	26	8	10	23
	125				
	160				
	200				
	250				
25	100	32	10	12.5	28.5
	125				
	160				
	200				
	250				
	315				
	400				
500					

**Note:** Our custom-made production is available as per request.



Order:  
**SDI. d1 x L x Type**

Injection  
 Moulds



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# Why Guvenal?

## The Distinguishing Features of the Guvenal Ejector Pins from the Similar Products

**Stable fitting-operation possibilities** (rigid system & tight fitting) with the head top surface grinding processes ( $Ra\ 3,2$ ).

**Improved radius geometry** which prevents head breaking & chamfer forms which are suitable for pin head and body structure.

**Minimum roughness and minimum friction** ( $Ra\ 0,8$ ) = more durable operation life compared to the similar products.

**DIN 1.2343 MATERIAL**  
X 40 Cr Mo V 51  
Nitrided

During press, it does not adhere to raw material in mould - slippery surface.

- Abrasion resistant surface with oxidation coating.
- Increased mould working life and perfect dry operation feature.
- High corrosion protection and unstainable surface.
- More durable than the traditional (common) pins.

1.2343 / Plasma-Nitriding with Oxidation Coating offers stable operation, protection against humidity / water, and high temperature resistance.

**Type: Plastic Injection**

**Type: Metal and Plastic Injection**

"As Guvenal - GTH, we use our missions in favour of our customers by adding value and try to meet their expectations best. We always aim better for you with our team which works customer oriented, our innovative and efficient business approach." **ATTENTION:** Each black looking pins are not oxidation coating pins (like cheap series from Far East ). You can use Guvenal oxidation coating pins with confidence.

**Note:** Our products are designed more quality and economic by Guvenal - GTH engineers.

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