

Ejector pins with DLC coating

Productivity increase through solid, high-precision products

Do you have problems with adhesion or corrosion? Do rust marks appear on the ejector or wear caused by exhaust gases? DME has the solution!

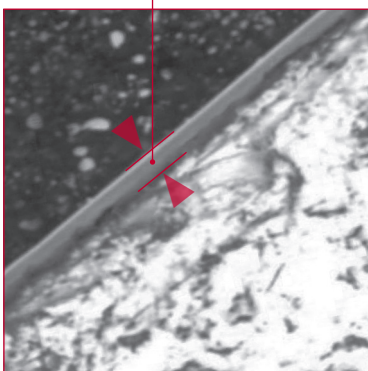
With a DLC (Diamond-like-carbon) coating of our ejector pins you will obtain a clear increase in productivity. This amorphous carbon layer has a very high inherent hardness and an extremely low friction coefficient. Thanks to the optimal dry-running properties, greasing the ejector pins becomes unnecessary. The result is an end product which does not discolour and has a longer life.



Characteristics and advantages

- Excellent tribological properties
- Extreme resistance against wear caused by adhesion
- Superb corrosion resistance
- Low costs of tools and machinery that are not in use
- No discolouration in the end product
- Optimal dry-running properties
- Maximum increase of the product life

DLC coating: 1,5 to 3µm -
with a hardness of 2,500 HV



Technical information

Base material:	hardened tool steel and HSS
Layer hardness:	2,500 HV
Layer strength:	1,5 to 3µm
Coating temp.:	approx. 180°C
Layer colour:	black-grey

Coating	Friction coefficients against steel
TiN	0.4
CrN	0.25
DLC	0.1 - 0.15

Please bear in mind that the diameter, determined by the layer structure, may have a positive tolerance for the µ value.

Type AH - with DLC coating

Info

Standard: DIN1530/ISO6571

Mat.: ~1.3505

Coating: DLC

Coating hardness: ca. 2500 HV

DLC coating

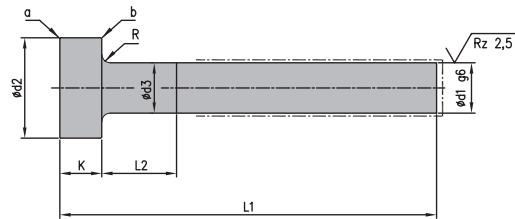
Coating thickness: 2-3µ

Max. Temp: 180°C

a: edge free of burr

b: rounded edge

d3: d1 +0,03



Order example for first item (EDH + d1 + L1): **EDH00-80080**

d1 g6	L 1 ^{1/2}									d2 0 -0,2	K 0 -0,05	R +0,2 0	L2
	080	100	125	160	200	250	315	400	500				
00-8										2,5	1,2	0,2	5
01-0										2,5	1,2	0,2	5
01-1										2,5	1,2	0,2	5
01-2										2,5	1,2	0,2	5
01-3										3,0	1,5	0,2	5
01-4										3,0	1,5	0,2	5
01-5										3,0	1,5	0,2	5
01-6										3,0	1,5	0,2	5
01-7										3,0	1,5	0,2	5
01-8										3,0	1,5	0,2	5
01-9										3,0	1,5	0,2	5
02-0										4,0	2,0	0,2	5
02-2										4,0	2,0	0,2	5
02-5										5,0	2,0	0,3	5
02-7										5,0	2,0	0,3	5
02-9										5,0	2,0	0,3	5
03-0										6,0	3,0	0,3	5
03-2										6,0	3,0	0,3	5
03-5										7,0	3,0	0,3	5
03-7										7,0	3,0	0,3	5
04-0										8,0	3,0	0,3	5
04-2										8,0	3,0	0,3	5
04-5										8,0	3,0	0,3	5
04-7										8,0	3,0	0,3	5
05-0										10,0	3,0	0,3	5
05-2										10,0	3,0	0,3	5
05-5										10,0	3,0	0,3	5
06-0										12,0	5,0	0,5	6
06-2										12,0	5,0	0,5	6
06-5										12,0	5,0	0,5	6
07-0										12,0	5,0	0,5	6
07-5										12,0	5,0	0,5	6
08-0										14,0	5,0	0,5	8
08-2										14,0	5,0	0,5	8
08-5										14,0	5,0	0,5	8
09-0										14,0	5,0	0,5	8
10-0										16,0	5,0	0,5	10
10-2										16,0	5,0	0,5	10
10-5										16,0	5,0	0,5	10
12-0										18,0	7,0	0,8	12
12-2										18,0	7,0	0,8	12
12-5										18,0	7,0	0,8	12
13-0										18,0	7,0	0,8	13
14-0										22,0	7,0	0,8	14
14-5										22,0	7,0	0,8	14
16-0										22,0	7,0	0,8	16
20-0										26,0	7,0	1,1	20

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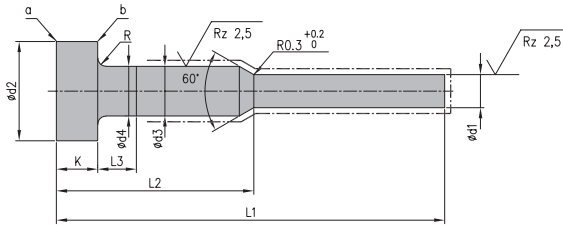
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Type CH - with DLC coating

Info
Standard: DIN1530/ISO8694
Mat.: ~1.3505
Coating: DLC
Coating hardness: ca. 2500 HV
DLC coating
Coating thickness: 1,5µ
Max. Temp: 180°C
d4: d1 + 0,03
L3: 5mm
a: edge free of burr
b: rounded edge



Order example for first item (EDC + d1 + L1): **EDC00-50080**

d1 g6 + coating	L 1 ⁺² ₀								d2 _{0 -0.2}	d3 _{0 -0.1}	K _{0 -0.05}	R _{+0.2 0}
	063	080	100	125	160	200	250	315				
	L 2 ⁻¹ ₋₂											
	025	035	050	050	075	075	100	160				
00-5									4,0	2,0	2,0	0,2
00-6									4,0	2,0	2,0	0,2
00-7									4,0	2,0	2,0	0,2
00-8									4,0	2,0	2,0	0,2
00-9									4,0	2,0	2,0	0,2
01-0									4,0	2,0	2,0	0,2
01-1									4,0	2,0	2,0	0,2
01-2									4,0	2,0	2,0	0,2
01-3									4,0	2,0	2,0	0,2
01-4									4,0	2,0	2,0	0,2
01-5									6,0	3,0	3,0	0,3
01-6									6,0	3,0	3,0	0,3
01-7									6,0	3,0	3,0	0,3
01-8									6,0	3,0	3,0	0,3
01-9									6,0	3,0	3,0	0,3
02-0									6,0	3,0	3,0	0,3
02-2									6,0	3,0	3,0	0,3
02-5									6,0	3,0	3,0	0,3

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