

EJECTOR PINS WITH DLC - COATING

- ▶ Best tribological properties
- ▶ Extreme resistance to adhesive friction
- ▶ Excellent corrosion resistance
- ▶ Lower tooling and machine downtime
- ▶ Will not mark or discolour the end product
- ▶ Excellent dry-run properties
- ▶ Increased life span



Increased productivity using precise and reliable products by Eberhard



BERGER TOOLS LTD

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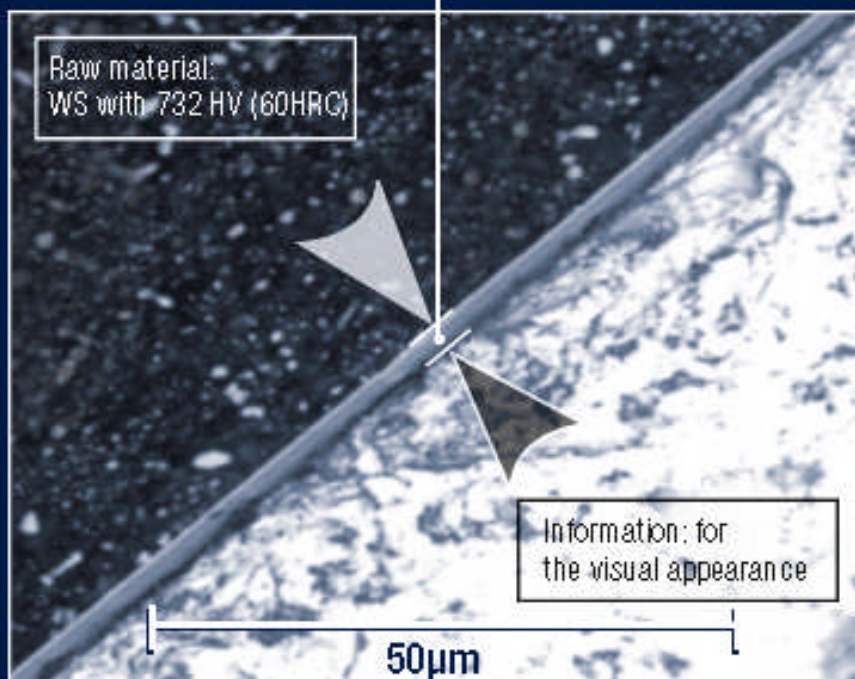
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EJECTOR PINS WITH DLC - COATING



DLC – coating: 2,5 µm -
with a hardness of approx. 3000 HV



Technical information

Raw material:	through hardened tool steel alternatively HSS
Hardness of coating:	approx. 3000 HV
Thickness of coating:	2-3µm
Coating temperature:	ca. 180°C
Coating colour:	black grey

Coating	friction factor with steel
TiN	0,4
CrN	0,25
DLC	0,1 - 0,15

Please note that there could be an increase in diameter by a few µ due to the application of the coating.

Do you have problems with friction or corrosion? Are there corrosion pits on your ejector pins or wear marks from venting? EBERHARD has the solution!

With a DLC- (Diamond-Like Carbon) coating on our ejector pins you will have a considerably increase in productivity.

This amorphous carbon coating has an excellent hardness and an extremely low friction factor.

Due to the optimal dry-run and sliding properties of the DLC-coating, it is not necessary to lubricate the ejector pins.

The end result is a pin that does not stain and has a longer life span.

Eberhard, your partner for precision and high quality!



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