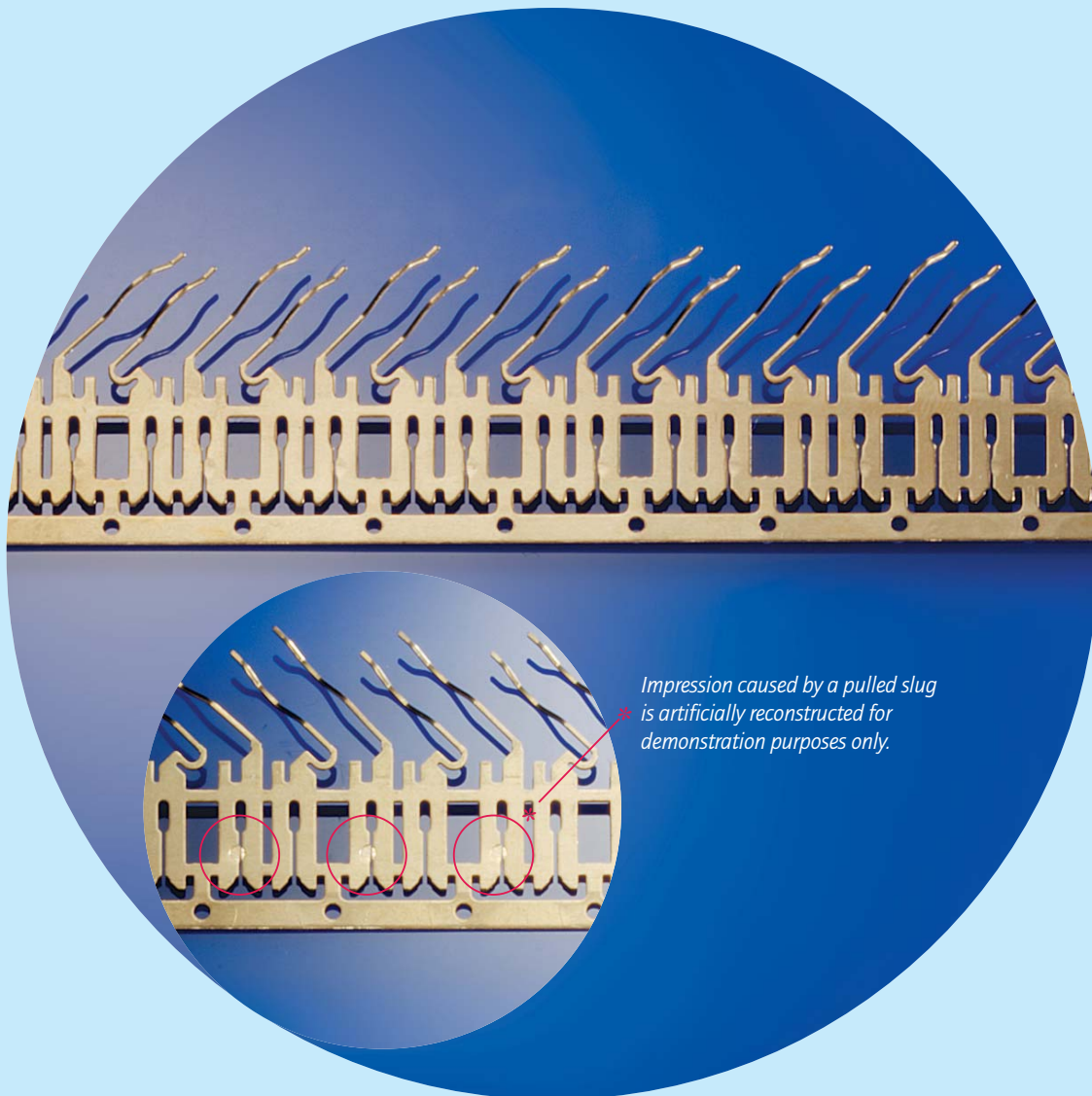


Problem identified...

(Every Diemaker's No. 1 Problem)



*Impression caused by a pulled slug
is artificially reconstructed for
demonstration purposes only.*

What's the price of damages caused by a pulled slug? A lot more than they eye can meet! Damage caused by slug pulling that escaped detection during the stamping process is likely to lead to product malfunction and thus rejection by the customer. The consequence: Skyrocketing rejection costs!

STOP your problems now! We successfully tested the solution to this nagging problem for several years in Kramski-built stamping dies.

The Kramski Die Bushing with integrated Slug Retention! Try it today – risk free! Money-back guarantee! Return it within 4 weeks if not completely satisfied!

KRAMSKI GmbH
Stanz- & Spritzgiesstechnologie
Heilbronner Strasse 10
75179 Pforzheim
Tel. +49-7231-15410-0
Fax +49-7231-15410-99
E-Mail: info@kramski.de
www.kramski.de

KRAMSKI

... Problem solved!

The Kramski Carbide Die Bushing with integrated slug retention feature

The stamping slugs are retained inside the die bushing by means of a holding feature. Slugs are safely ejected through the bottom.

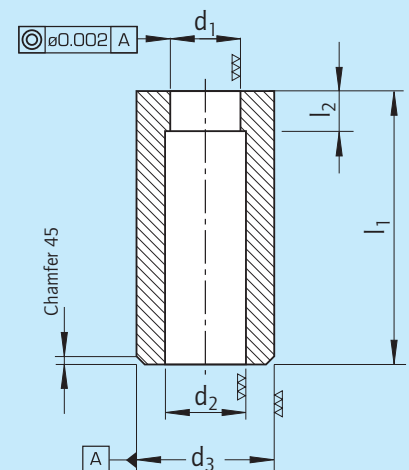
Amazingly simple and successful!

To order, please select the desired bushing from the specifications at the table shown below.



Technical Specifications (all dimensions in mm)

I.D.	Increments	C'bore	O.D.	L-1	L-2
1,00 – 1,20			6		
1,21 – 1,50			6		
1,51 – 2,00			6		
2,01 – 3,00			7		
3,01 – 4,00			8		
4,01 – 5,00	0,01	$d_1 + 0,2$	10	$20,1 \pm 0,2$	$3,0 \pm 0,2$
5,01 – 6,00			12		
6,01 – 8,00			15		
8,01 – 10,00			18		
10,01 – 12,00			22		
12,01 – 15,00			26		



In order to prepare a quote we need to know the following:

- 1 Punch Diameter
- 2 Die Diameter d_1 including Cutting Clearance
- 3 Stock Strip Type and Thickness
- 4 Hardness and Tensile Strength of Stock Strip

All Kramski Die Bushings are also available in both non-standard diameters and/or lengths not shown in the above table, with and without slug retention feature. Please contact us for the current price list.

KRAMSKI GmbH
 Stanz- & Spritzgiesstechnologie
 Heilbronner Strasse 10
 75179 Pforzheim
 Tel. +49-7231-15410-0
 Fax +49-7231-15410-99
 E-Mail: info@kramski.de
 www.kramski.de

KRAMSKI