

# Die Sets for XRF / RFA and FT-IR

## Maassen – made Die sets for laboratory presses

High quality Die Sets are very important for good results of pellets. Now, we have found a way to make pellets faster and easier as before! There is no need to mount and dismount heavy Die Sets again and again, just to press the pellet out of the Die Set. **It was never easier or faster to get high quality pellets!**

Our Die Sets **13 ... 50 mm** are all made of aluminum and stainless steel have a unique simplified handling:

- Fill the Die Set as usual, put the plunger on top and start pressing with your lab press.
- After releasing the pressure: instead of taking out and dismounting the Die Set, just simply pull out the bottom slider and with some smooth pressure, the pellet will fall down
- Done!

And when using the Die Set upside down, it is more comfortable and faster to handle: push out the pellets without any vibrations or damage. Useful if the pressed material could otherwise easily break.

There is also a combined set of 32 and 40 mm available in a black protection case.

Our Die Sets for **3, 5 and 8 mm** pellets are also very easy to handle, small and efficient. They can be connected to a vacuum pump if combined with any 13 mm die set. We use a special hard metal (mainly made of tungsten carbide) for the press pins to get the needed stability.

All our Die Sets are completely designed and made in Germany!

### Order informations:

Part number	Description	Max. pressure
54KB0300M-H	3 mm Die Set with hard metal press pins	1,5 to.
54KB0302M-H	3 mm spare hard metal press pins set	1,5 to.
54KB0500M-H	5 mm Die Set with hard metal press pins	4 to.
54KB0502M-H	5 mm spare hard metal press pins set	4 to.
54KB0800M-H	8 mm Die Set with hard metal press pins	6 to.
54KB0802M-H	8 mm spare hard metal press pins set	6 to.
54KB1000M	10 mm Die Set	7 to.
54KB1002M	10 mm spare pellets, 2 pcs.	7 to.



13 mm Die Set with wooden case



32 mm Die Set

Upside down handling



5 mm Die Set

54KB1300M	13 mm Die Set in wooden case	10 to.
54KB1302M	13 mm spare pellets, 2 pcs.	10 to.
54KB1300M-H	13 mm Die Set with hard metal pellets in wooden case	14 to.
54KB1302M-H	13 mm spare hard metal pellets, 2 pcs.	14 to.
54KB1600M	16 mm Die Set	20 to.
54KB1602M	16 mm spare pellets, 2 pcs.	20 to.
54KBX20M	20 mm Die Set	24 to.
54KBX202M	20 mm spare pellets, 2 pcs.	24 to.
54KBX25M	25 mm Die Set	30 to.
54KBX252M	25 mm spare pellets, 2 pcs.	30 to.
54KBX32M	32 mm Die Set	30 to.
54KBX32M-H	32 mm Die Set with hard metal pellets	33 to.
54KBX322M	32 mm spare pellets, 2 pcs.	30 to.
54KBX322M-H	32 mm hard metal spare pellets, 2 pcs.	33 to.
54KBX40M	40 mm Die Set	40 to.
54KBX40M-H	40 mm Die Set with hard metal pellets	44 to.
54KBX402M	40 mm spare pellets, 2 pcs.	40 to.
54KBX402M-H	40 mm hard metal spare pellets, 2 pcs.	44 to.
54KB3240M	Combined Set 32 and 40 mm in plastic case	30 / 40 to.
54KBX50M	50 mm Die Set	40 to.

### Older versions of Die Sets

Beneath the Maassen Die Sets, we also offer standard Die Sets to cover the rare sizes:

Part number	Description	Max. pressure
54KB600	Die Set standard 6 mm	2 T
54KB602	2 Spare press pellets 6 mm	
54KBX350	Die Set standard 35 mm	30 T
54KBX352	2 Spare press pellets 35 mm	
5425700	13 mm Pellet holder	

If you need O-Rings, other spares or pellet holders for other sizes, please contact us or your local distributor.

**MAASSEN**  
SPEKTROSKOPIE

Maassen GmbH  
In der Vorstadt 19/1  
D-72768 Reutlingen

Phone: +49 7121 890 7390

E-mail: [info@maassen-gmbh.de](mailto:info@maassen-gmbh.de)



Pictures show standard Die Sets  
*By the way: have you considered our Maassen lab presses?*