

HASCO®

Enabling with System.

NEW:

*Functional surfaces
with DLC coating*

Two-stage ejectors

Z 169/...

The classic bestseller



The Z 169/... two stage ejector is the most popular solution for activating a stripper plate.

Automatic and precise holding and opening mechanisms allow independent movement between two plates.

The accurate movements guarantee consistent part quality without compromise.

Z 1691/...

The state-of-art solution



The Z 1691/... is an extension of the classic Z 169/... . It offers the same motions plus improved locking.

One advantage is the simple assembly through the integrated flange attachment.

Specially designed centring rings allow particularly smooth axial motion and ensure a high service life.

Available with a shaft diameter of 13-52 mm, it can be used in small to large moulds.

Z 1692/...

Highest flexibility in demoulding



This unit was developed for demoulding processes in which the first and second stroke have to function completely separately from one another.

The stroke can be subsequently modified or it can be preset to your requirements directly ex works.

Z 1695/... Designed for slanted demoulding elements



Suitable for controlled plate movement during demoulding with an inclined sliding carriage.

Precision movement of the first stage prevents stressing of the part.

Subsequent opening of the rear stage allows ejection of the part at a precisely predefined position.

Z 1697/...

Powerful and completely integrated



Designed for applications when a central ejector unit cannot be used, this unit offers enormous forces when combining 2 or 4 units.

The motion corresponds to that of Z 169/... and Z 1691/... .

A special feature is the additional guidance of the ejector system.

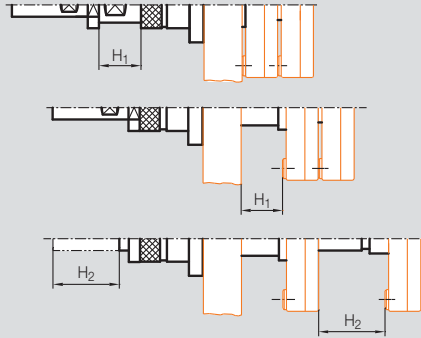
Z 1698/... Strong for demoulding with internal slide elements



The new Z 1698/... has been specially developed for off-centre mounting with double ejectors in the mould, where a central two-stage ejector cannot be used for constructional reasons or particularly large melts have to be moved that cannot be managed by a Z 1695/... standard two-stage ejector.

Function

Z 169/...

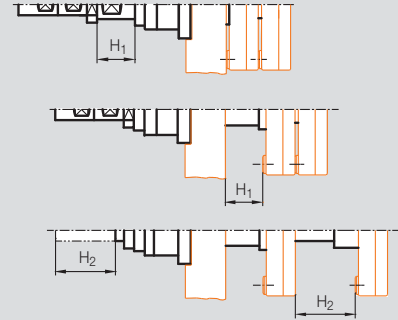


Sequence

1st stage = both
2nd stage = front

H1	H2	d1	Nr./No.
5 -30	3-50	16	Z 169/ 16
6 -40	4-70	22	22
7 -50	4-70	30	30
7,5-60	5-80	40	40

Z 1691/...

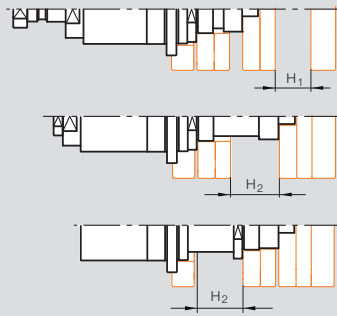


Sequence

1st stage = both
2nd stage = front

H1	H2	d1	Nr./No.
3- 20	2- 44	13	Z 1691/ 13
4- 30	3- 65	17	17
6- 42	4- 80	22	22
10- 60	4- 95	30	30
14- 86	5-130	40	40
18-110	6-180	52	52

Z 1692/...

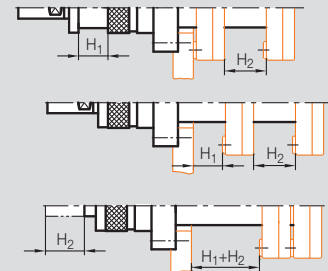


Sequence

1st stage = front
2nd stage = rear

H1	H2	d1	Nr./No.
4-45	4-45	25	Z 1692/ 25x45
6-60	5-60	32	32x60
8-80	6-80	40	40x80

Z 1695/...

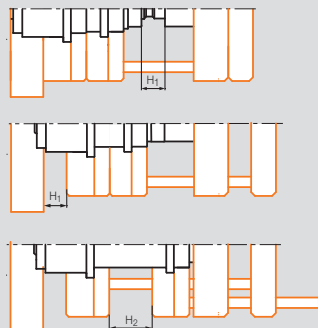


Sequence

1st stage = both
2nd stage = rear

H1	H2	d1	Nr./No.
4-36	6-48	22	Z 1695/ 22
5-50	8-60	25	25
6-60	10-86	32	32

Z 1697/...

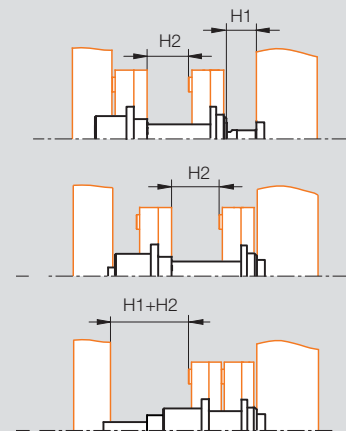


Sequence

1st stage = both
2nd stage = front

H1	H2	d1	Nr./No.
6- 76	3- 76	16	Z 1697/ 16
8- 96	4- 96	20	20
10-130	5-130	26	26

Z 1698/...



Sequence

1st stage = both
2nd stage = rear

H1	H2	d1	Nr./No.
4- 68	4- 68	16	Z 1698/ 16xH2
5- 92	5- 92	20	20
6-120	6-120	26	26