

## Centring clamp with ball segments, Form A

### Item description/product images



### Description

**Material:**

Body 1.2842.

Ball and hex segments 1.4112.

Tension spring 1.4310.

**Version:**

Body hardened and black oxidised.

Ball and hex segments hardened and ground.

**Note:**

Form A: with ball suitable for tensioning in holes, where slight impressions are acceptable.

**Technical data:**

Repetitive accuracy  $\pm 0.025$

Concentric accuracy  $\pm 0.05$

**Application:**

To position and centre existing bores on the machining surface.

**Advantages:**

- Precise self-centring.
- Distortion free clamping.
- Large spread range.
- Low overall height.

**Drawing reference:**

Form A:

With balls for holes where light marking is acceptable.

Form B:

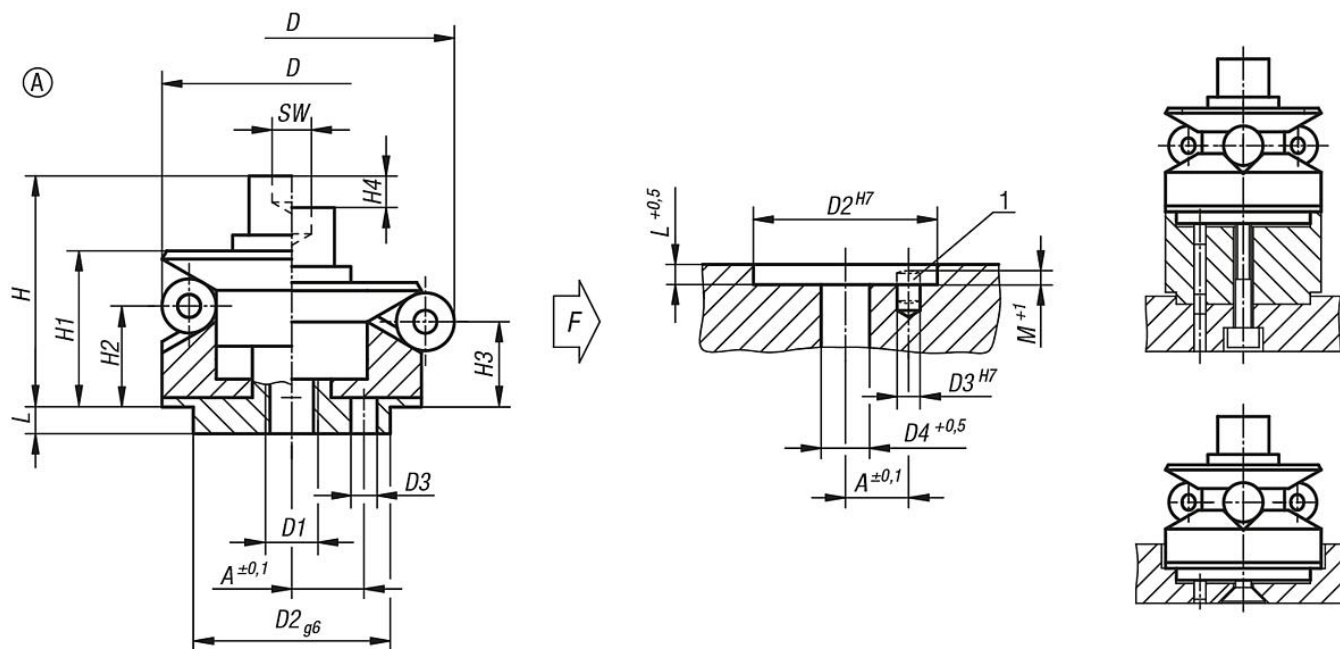
With hexagons for sensitive hole surfaces.

1) Mounting aid:

pin to accurately position the mandrel segments.

# Centring clamp with ball segments, Form A

## Drawings



## Overview of items

### Centring tension jack with and without protection

Order No.	Form	A	D max.	D min.	D1	D2	D3	D4	H	H1	H2	H3	H4	L	M	SW	Ball Ø	No. of balls	Clamping force max. kN	Tightening torque max. Nm
K0358.101203	A	3,5	14,2	11,7	M4	10	1,5	4,3	15	10	4,2	3	1,5	3,5	2,5	3	2,5	3	0,5	5
K0358.101504	A	4,5	18,5	14,5	M4	12	2	4,3	19,5	14,5	9,8	8,6	2,3	5,5	3	3	4	3	3,5	5
K0358.101905	A	5,5	22,5	18,5	M5	15	2,5	5,3	23,5	16,5	11,6	10,4	2,3	7,5	3	4	4	3	4	10
K0358.102306	A	7	26,5	22,5	M6	20	3	6,4	28,8	19,8	14,2	13	2,3	6	4	5	4	3	4,5	17
K0358.102706	A	7	30,5	26,5	M6	20	3	6,4	28,8	19,8	14,2	13	2,3	6	4,5	5	4	3	4,5	17
K0358.103106	A	9	38,5	30,5	M6	25	4	6,4	32,7	23,1	14,2	11,9	4,6	7	4,5	5	8	3	4,5	17
K0358.103908	A	11	46,5	38,5	M8	30	4	8,4	39,2	27,2	17,8	15,5	4,6	7,5	4,5	6	8	6	6,5	43
K0358.104708	A	11	54,5	46,5	M8	30	4	8,4	39,2	27,2	18	15,7	4,6	7,5	4,5	6	8	6	6,5	43
K0358.105510	A	15	70,5	54,5	M10	45	5	10,5	54,6	40,6	23,7	19,1	9,3	9	5,5	8	16	6	8	79
K0358.107112	A	17	86,5	70,5	M12	60	5	13	63,1	46,1	28,3	23,7	9,3	10	5,5	10	16	6	10	141
K0358.108712	A	25	102,5	86,5	M16	60	5	17	73	51	30,2	25,7	9,3	10	5,5	14	16	6	12,5	354