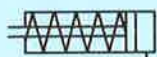
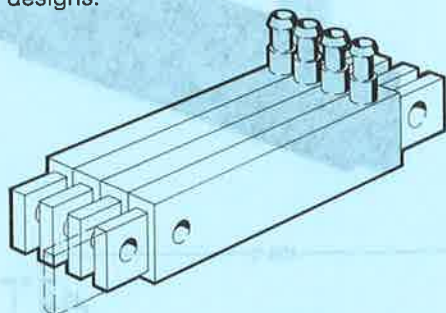


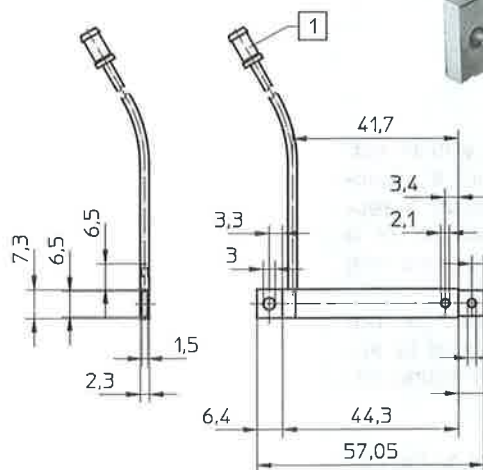
## Type EZH-...



The centre-to-centre distance of adjacent cylinders can be reduced by approx. 40% in comparison with round cylinder designs.



The non-rotating piston rod means that this cylinder can be used for many applications, such as cutting thread, stamping, numbering, bending and feeding of solder wire.

[illegible]

Type EZH...

Technical drawing of a Type EZH... component, showing two views: a side view (left) and a front view (right).

**Side View Dimensions:**

- $H_1$ : Height of the main body.
- $H_2$ : Height of the top section.
- $B_1$ : Width of the main body.
- $B_2$ : Width of the top section.

**Front View Dimensions:**

- $L_1$ : Total length.
- $L_2$ : Length of the top section.
- $L_3$ : Length of the bottom section.
- $L_4$ : Length of the middle section.
- $L_5$ : Length of the rightmost section.
- $L_6$ : Length of the rightmost section (from the centerline).
- $L_7$ : Length of the rightmost section (from the centerline).
- $L_8$ : Length of the rightmost section (from the centerline).
- $D_1$ : Diameter of the top section.
- $D_2$ : Diameter of the bottom section.
- $D_3$ : Diameter of the rightmost section.

1 Barbed fitting for 3 mm tubing

Type	B <sub>1</sub>	B <sub>2</sub>	D <sub>1</sub> Ø	D <sub>2</sub> Ø	D <sub>3</sub> Ø	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>6</sub>	L <sub>7</sub>	L <sub>8</sub>
EZH-2.5/9-10	5	2.5	3.1	4	3.1	12	9	9	66.5	42.5	10	48.5	8	4	4.5	5.5
EZH-2.5/9-20	5	2.3	3.1	4	3.1	12	9	9	98.6	74.6	10	80.6	8	4	4.5	5.5
EZH-5/20-25	10	5	5.5	7	5.2	25	9	20	134	89	21	99	14	6	9	11
EZH-5/20-50	10	5	5.5	7	5.2	25	9	20	206	161	21	171	14	6	9	11

Order code		Part No./Type		13009 EZH-1.5/6.5 – 10	9505 EZH-2.5/9-10	11535 EZH-2.5/9-20	9508 EZH-5/20-25	11536 EZH-5/20-50
Medium				Compressed air, filtered (lubricated or unlubricated)				
Design				Cylinder with <b>rectangular</b> piston				
Max. permissible operating pressure				6 bar				
Temperature range				– 20 to + 80 °C				
Materials				Housing: brass; rectangular piston: steel Seals: perbunan				
Weight				0.021 kg	0.032 kg	0.180 kg	0.300 kg	
Piston dimensions mm	Piston dia. corresponding mm	Stroke length mm	Min. thrust at 6 bar  N (≈ kp)	Spring return force min.* in N (≈ kp)  Stroke 10      Stroke 20      Stroke 25      Stroke 50				Connection   Barbed fittings for 3 mm tubing
1.5 × 6.5	3.6	10	4.4 (0.44)	1.0 (0.1)	–	–	–	
2.5 × 9	5.6	10, 20	7.5 (0.75), 6 (0.6)	2.6 (0.26)	2.8 (0.28)			
5 × 20	12	25, 50	42 (4.2), 38 (3.8)			10 (1)	9 (0.9)	

Subject to change

## Single acting rectangular cylinder

with non-rotating rod and return spring

Type EZH-...-A



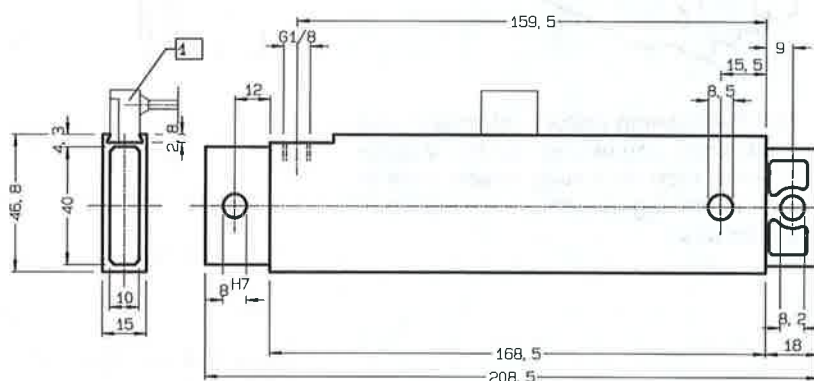
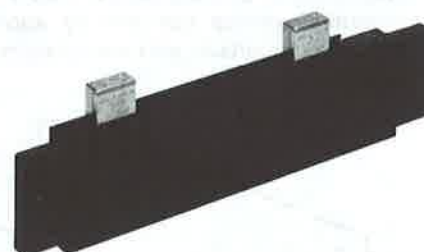
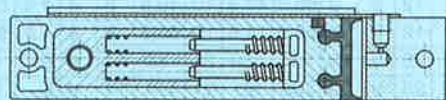
This particularly flat cylinder, with its rectangular piston cross-section, is distinguished by its special design. It represents a compact combination of a linear guiding function and a pneumatic drive function.

The centre-to-centre distance of adjacent cylinders can be reduced by approx. 40% in comparison with round cylinder design.

There is a permanent magnet on the cylinder piston, the magnetic field of which actuates reed-type proximity switches.

One or more proximity switches can be clamped in position in the longitudinal dovetail groove. These switches permit non-contact sensing of the end or intermediate positions of the cylinder.

Proximity switches see sheet 1.350



① Barbed fittings for 3 mm plastic tubing

Order code		Part No./Type		12942 EZH-10/40-40-A				
Medium		Compressed air, filtered (lubricated or unlubricated)						
Design		Cylinder with rectangular piston						
Pressure range		2.8 to 6 bar						
Weight		−20 to +80 °C						
Materials		Housing: aluminium; rectangular piston: plastic, glass-fibre-reinforced						
Weight		0.220 kg						
Piston dimensions		Stroke length		Min. thrust at 6 bar		Spring return force		Connection
mm		mm		N		min. max.		
				(≈ kp)		(≈ kp) (≈ kp)		
10 × 40		40		185 (18.5)		18 (1.8) 28 (2.8)		G 1/8