

V-blocks in pairs

V-blocks for clamping, processing, aligning and inspecting cylindrical objects, available in three classes.

- **Class 0:** Base and prism face and short side fine scraped, long side processed.
Parallelism: 0.008 mm.
- **Class 1:** Base and prism face hand scraped, short and long side processed.
Parallelism: 0.016 mm.
- **Class 3:** Base and prism face smooth planed, short and long side processed.
Parallelism: 0.060 mm.
- Ground in matched pairs.
- V-groove: 90°.

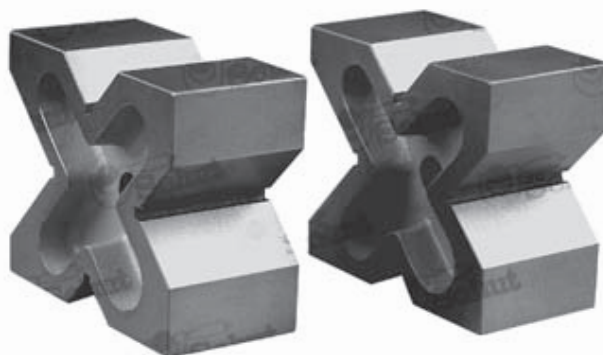


Capacity ø/mm	Dimensions l x w x h mm	Weight kg	Class 0		Class 1		Class 3	
			Item No.	Price EUR p. pair	Item No.	Price EUR p. pair	Item No.	Price EUR p. pair
6 - 50	100 x 40 x 30	2	403.380		403.390		403.396	
8 - 60	150 x 50 x 40	4	403.381		403.391		403.397	
8 - 75	200 x 70 x 50	8	403.382		403.392		403.398	
10 - 100	250 x 85 x 60	13	403.383		403.395		403.399	
15 - 120	300 x 100 x 70	18	403.384		403.393		403.400	

X-blocks in pairs

The X-blocks have four V-grooves of 90°, all varying in size.

- All four V-grooves are ground in matched pairs.
- V-groove: 90°.
- Holds work pieces on all faces.
- **Class 0:** All surfaces fine scraped.
Parallelism: 0.008 mm.
- **Class 1:** All surfaces hand scraped.
Parallelism: 0.016 mm.



Capacity ø/mm	Dimensions l x w x h mm	Weight kg	Class 0		Class 1	
			Item No.	Price EUR p. pair	Item No.	Price EUR p. pair
8 - 90	120 x 100 x 60	6	403.360		403.370	
8 - 110	150 x 130 x 75	12	403.361		403.371	
8 - 150	200 x 170 x 90	25	403.362		403.372	

Magnetic V-blocks

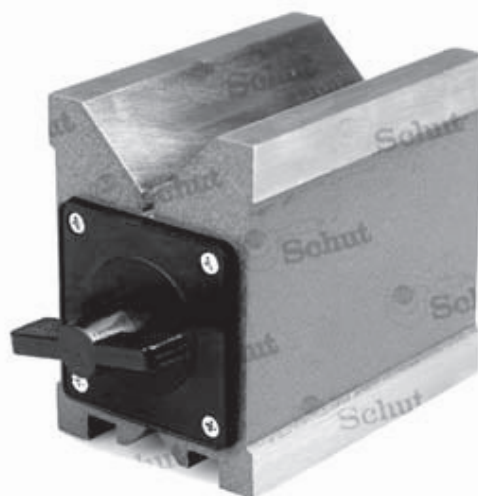
- V-groove: 90°.
- Adhesive force of magnet:
 - 906.207: 686 N,
 - 906.208: 1178 N.
- Weight:
 - 906.207: 1.5 kg,
 - 906.208: 3.6 kg.



906.207



906.208



Item No.	L mm	W mm	H mm	Capa- city ø/mm	Price EUR
906.207	70	60	72	8-50	
906.208	101	70	95	6-55	

Magnetic V-block

- V-groove: 90°.
- Magnetic pull of round spindle axis in V-groove: 450 N, magnetic pull of base plate: 450 N.

Item No.	L mm	W mm	H mm	Capa- city ø/mm	Price EUR
855.200	125	60	73	6-50	

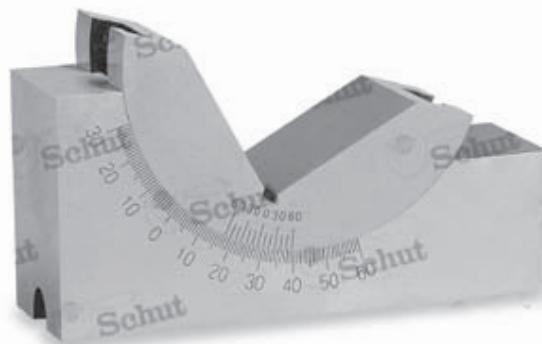


Adjustable V-blocks

V-blocks adjustable from 0 to +60 degrees and 0 to -15 degrees.
Suitable for metal cutting machines and for various measuring purposes.



Item No.	L/mm	H/mm	W/mm	Price EUR
906.600	75	32.5	25	
906.601	102	48	30	
906.602	102	48	46	



V-blocks

- Ground in matched pairs.
- Hardened (650 ± 100 HV5).
- V-groove: 90° .
- Accuracy in parallelism: ± 0.004 mm.
- Squareness of all side faces with each other conform DIN 2274.
- Delivery complete with clamp.



Item No.	Dimensions $l \times w \times h$ mm	Capacity $\varnothing$ mm	Price EUR
666.540	60 x 58 x 40	5 - 30	
666.541	75 x 70 x 54	5 - 50	
666.542	100 x 96 x 75	7 - 70	

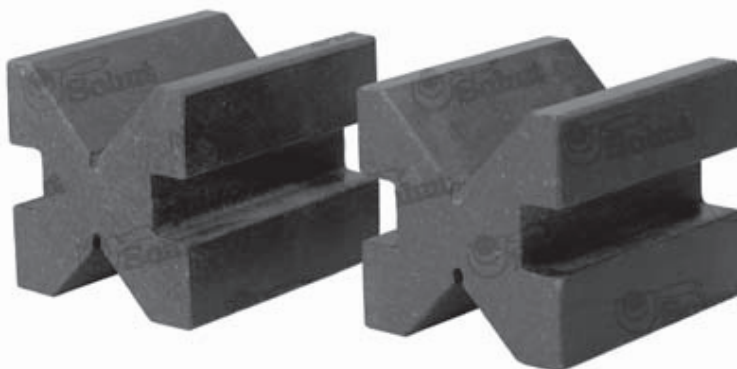
V-blocks

- Ground in matched pairs.
- Hardened (650 ± 100 HV5).
- V-groove: 90° .
- Accuracy in parallelism: ± 0.004 mm.
- Squareness of front face with bottom face conform DIN 2274.
- Delivery complete with clamp.



Item No.	Dimensions $l \times w \times h$ mm	Capacity $\varnothing$ mm	Price EUR
666.550	50 x 40 x 40	5 - 30	
666.551	75 x 55 x 55	5 - 50	
666.552	100 x 75 x 75	7 - 70	

Granite V-blocks



- Finished in matched pairs.
- Lapped measuring faces.
- V-groove: 90°.
- Made of black granite.

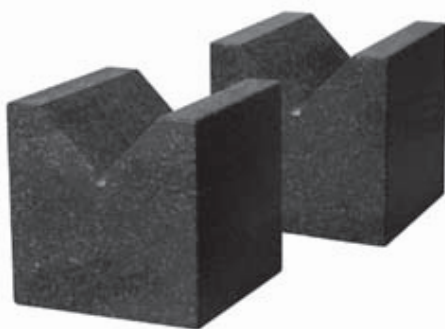
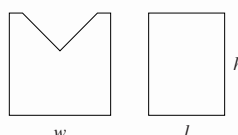


Item No.	Size/mm <i>l x w x h</i>	Accu- racy ¹	Weight kg	Price EUR
402.077	50 x 63 x 50	±2.5 μm	0.6	
402.079	80 x 63 x 80	±2.5 μm	1.6	
402.080	80 x 100 x 80	±3 μm	2.8	
402.081	100 x 63 x 100	±3 μm	3.0	
402.082	140 x 70 x 140	±3 μm	6.4	

¹ Parallelism of measuring faces with base.

Granite V-blocks

- Prism angle 90°.
- Material: granite.



Item No.	Dimensions <i>l x w x h/mm</i>	Square- ness(μm ¹)	Weight kg	Price EUR
Grade 0:				
402.159	63 x 63 x 63	± 3	1.4	
402.160	100 x 100 x 100	± 4	5.5	
402.161	100 x 160 x 160	± 4	14	
402.162	160 x 250 x 250	± 5	55	
Grade 1:				
402.155	63 x 63 x 63	± 6	1.4	
402.156	100 x 100 x 100	± 8	5.5	
402.157	100 x 160 x 160	± 8	14	
402.158	160 x 250 x 250	± 10	55	

¹) Parallelism between measuring surfaces and base.

Ceramic V-blocks in pairs

V-blocks for clamping, processing, aligning and inspecting cylindrical objects, available in two classes.

- Made of alumina ceramics.
- V-groove: 90°.



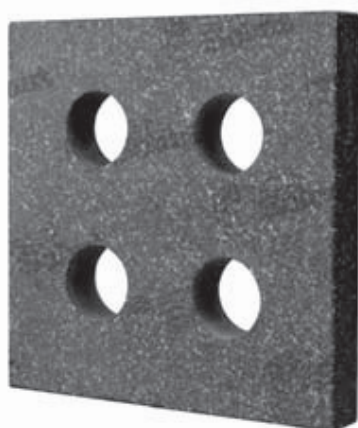
908.792



Item No.	Dimensions <i>l x w x h</i> /mm	Flatness measu- ring faces/mm	Parallelism mm	Height difference/mm	Price EUR
Class 1					
908.792	63 x 63 x 63	0.003	0.008	0.010	
908.793	100 x 100 x 100	0.004	0.008	0.010	
908.794	160 x 160 x 160	0.005	0.010	0.012	
Class 0					
908.795	63 x 63 x 63	0.0015	0.004	0.005	
908.796	100 x 100 x 100	0.0020	0.004	0.005	
908.797	160 x 160 x 160	0.0025	0.005	0.006	

Granite squares

- Square model.
- Material: granite.



Item No.	Dimensions <i>l x w x t</i> /mm	Square- ness/ μm^2)	Weight kg	Price EUR
Grade 00:				
402.150	200 x 200 x 25	± 2	2.6	
402.151	250 x 250 x 30	± 2.2	4.6	
402.152	315 x 315 x 30	± 2.6	7.2	
402.153	400 x 400 x 40	± 3	14.0	
402.154	500 x 500 x 50	± 3.5	30.0	
Grade 0:				
402.145	200 x 200 x 25	± 4	2.6	
402.146	250 x 250 x 30	± 4.5	4.6	
402.147	315 x 315 x 30	± 5.2	7.2	
402.148	400 x 400 x 40	± 6	14.0	
402.149	500 x 500 x 50	± 7	30.0	

²⁾ Squareness between adjacent measuring surfaces.