



Granite square blocks with V-nut and tapped holes

Multifunctional granite blocks for e.g. flatness and squareness measurements, with V-nut and several tapped holes. Hold workpieces on several faces.

- Accuracy measuring faces: flatness conforms to DIN 876/0, squareness conforms to DIN 875/1.
- Screw thread of tapping holes: M8.
- Equilateral cubic.

Item No.	Dimensions mm	Flatness μm	Squareness μm	Weight kg
402.170	160 x 160 x 160	4	8	9
402.171	200 x 200 x 200	5	9	17
402.172	250 x 250 x 250	5	10	34



Four-sided cast iron parallel blocks in pairs

Hollow but yet stable cast iron parallel blocks because of the internal bridge construction.

- Class 3: Parallelism: 64 μm. Smooth planed.
- Class 1: Parallelism: 16 μm. Hand scraped.
- Class 0: Parallelism: 8 μm. Fine scraped.
- Flatness conforms to DIN 876.
- Squareness conforms to DIN 875.
- Plan parallel and square matched in pairs.



Dimensions l x w x h/mm	Weight p. pair/kg	Class		
		Class 3 Item No.	Class 1 Item No.	Class 0 Item No.
150 x 150 x 100	18	403.628	403.624	403.620
200 x 150 x 100	28	403.629	403.625	403.621
300 x 225 x 150	60	403.630	403.626	403.622
400 x 300 x 200	140	403.631	403.627	403.623

Cast iron angle blocks with several clamping possibilities

Cast iron angle block, with four clamping faces with several slots and taps, for aligning and clamping of tools and products. The four faces are planparallel and square matched.

- Slot width: 18 mm (403.607: 20 mm).

Item No.	Dimensions l x w x h/mm	Parallelism μm	Squareness μm	Weight kg
403.605	250 x 150 x 100	50	35	13
403.606	300 x 200 x 100	52	40	23
403.607	400 x 250 x 100	56	46	55



Cast iron clamping tables with several clamping possibilities

These cast iron clamping tables offer many possibilities for aligning and clamping products for mechanical processing. The six faces are parallel and square milled. Four of these faces are equipped with several clamping slots and the top face with T-slots.

- Flatness according DIN 876/3.
- T-slots according DIN 650.



Item No.	Dimensions l x w x h/mm	Weight kg	Nom. value T-slots/mm	Slot width mm
403.610	250 x 180 x 150	25	14	16
403.611	300 x 220 x 200	37	14	18
403.612	350 x 280 x 250	70	22	22
403.613	400 x 350 x 300	115	22	22
403.614	500 x 450 x 500	180	22	22
403.615	800 x 700 x 600	670	28	30

Cast iron angle plates with several clamping slots

These cast iron angle plates have several clamping slots both in the base and the clamping face, which make them suitable for all kind of fixtures.

- Flatness according DIN 876.
- Squareness according DIN 875.
- Strengthened outsides.
- Slots in base and clamping face.

Item No.	Dimensions l x w x h/mm	Weight kg	Flatness and squareness/μm
Class 3, DIN 876/3, DIN 875/2:			
403.292	150 x 75 x 100	4	30
403.293	200 x 100 x 150	8	30
403.294	275 x 150 x 200	20	40
403.295	300 x 150 x 250	24	45
403.296	400 x 225 x 300	45	50
403.297	500 x 300 x 400	85	60
Class 1, DIN 876/2, DIN 875/1:			
403.286	150 x 75 x 100	4	15
403.287	200 x 100 x 150	8	15
403.288	275 x 150 x 200	20	20
403.289	300 x 150 x 250	24	22
403.290	400 x 225 x 300	45	25
403.291	500 x 300 x 400	85	30
Class 0, DIN 876/1, DIN 875/0:			
403.280	150 x 75 x 100	4	7
403.281	200 x 100 x 150	8	7
403.282	275 x 150 x 200	20	9
403.283	300 x 150 x 250	24	11
403.284	400 x 225 x 300	45	12
403.285	500 x 300 x 400	85	15



Cast iron angle plates

- Ground faces.
- With T-slots.
- Accuracy: flatness according DIN 876, squareness according DIN 875.



Dimensions l x w x h/mm	Weight kg	DIN 876/3 and 875/2 Item No.	Price EUR	DIN 876/2 and 875/1 Item No.	Price EUR	DIN 876/1 and 875/0 Item No.	Price EUR
150 x 75 x 100	6	403.264		403.261		403.267	
200 x 100 x 150	11	403.276		403.273		403.270	
275 x 150 x 200	24	403.265		403.262		403.268	
300 x 150 x 250	33	403.277		403.274		403.271	
400 x 225 x 300	54	403.266		403.263		403.269	
500 x 300 x 400	105	403.278		403.275		403.272	

Steel cylindrical squares

Ground and lapped steel cylinder for checking squareness e.g. during the acceptance process of machines and instruments. Cylindricity error max. 1.5 μm.

Item No.	Dimensions mm	Squareness p-p/μm	Price EUR
852.190	ø90 x 200	2	
852.191	ø90 x 250	2.2	
852.192	ø90 x 300	2.5	
852.193	ø90 x 350	2.8	
852.194	ø90 x 400	3	



Steel cylindrical squares

Ground and lapped steel cylinder for checking squareness. Out of roundness ≤ 5 μm.

Item No.	Dimensions mm	Squareness p-p/μm	Price EUR
906.436	ø 80 x 200	3	
906.437	ø 80 x 315	4	
906.438	ø 100 x 500	5	
906.439	ø 140 x 800	7	



Granite squares

- Triangular model.
- Material: granite.



Item No.	Dimensions h x w x t/mm	Squareness μm*
DIN 875/0:		
402.120	100 x 63 x 16	±4
402.121	160 x 100 x 20	±4
402.122	250 x 160 x 25	±5
402.062	400 x 150 x 75	±6
402.123	400 x 250 x 40	±7
402.124	630 x 400 x 63	±9
402.125	1000 x 630 x 80	±12
DIN 875/00:		
402.126	100 x 63 x 16	±2
402.127	160 x 100 x 20	±2
402.065	200 x 100 x 75	±3
402.128	250 x 160 x 25	±2.5
402.129	400 x 250 x 40	±3.5
402.130	630 x 400 x 63	±4.5
402.131	1000 x 630 x 80	±6

*Squareness between measuring face and base.

Granite squares

- Square model.
- Material: granite.



Item No.	Dimensions h x w x t/mm	Squareness μm*	Weight kg
Class 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
402.149	500 x 500 x 50	±7	30
Class 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
402.154	500 x 500 x 50	±3.5	30

*Squareness between adjacent measuring faces.

Ceramic squares

- Made of alumina ceramics.



Item No.	Dimensions l x w x t/mm	Flatness long measuring face/mm	Flatness short measuring face/mm	Squareness mm
Triangular, class A:				
908.718	100 x 63 x 16	0.001	0.001	0.004
908.719	160 x 100 x 20	0.002	0.001	0.004
908.720	250 x 160 x 25	0.002	0.002	0.005
908.721	400 x 250 x 40	0.0025	0.002	0.007
908.722	630 x 400 x 63	0.003	0.0025	0.009
Triangular, class AAA:				
908.724	100 x 63 x 16	0.0005	0.0005	0.002
908.726	250 x 160 x 25	0.0005	0.0005	0.0025
908.727	400 x 250 x 40	0.0005	0.0005	0.0035
908.728	630 x 400 x 63	0.0008	0.0005	0.0045

Item No.	Dimensions l x w x t mm	Flatness measuring faces/mm	Squareness measuring faces/mm	Squareness side faces/mm	Parallelism measuring faces/mm	Parallelism side faces/mm
Rectangular, class A:						
908.741	160 x 160 x 25	0.0016	0.0035	0.035	0.0035	0.081
908.742	200 x 200 x 25	0.0018	0.004	0.04	0.004	0.096
908.745	400 x 400 x 40	0.0026	0.006	0.06	0.006	0.144
Rectangular, class AAA:						
908.781	250 x 250 x 30	0.0005	0.0011	0.011	0.0011	0.027
908.782	300 x 300 x 30	0.0006	0.0013	0.013	0.0013	0.031