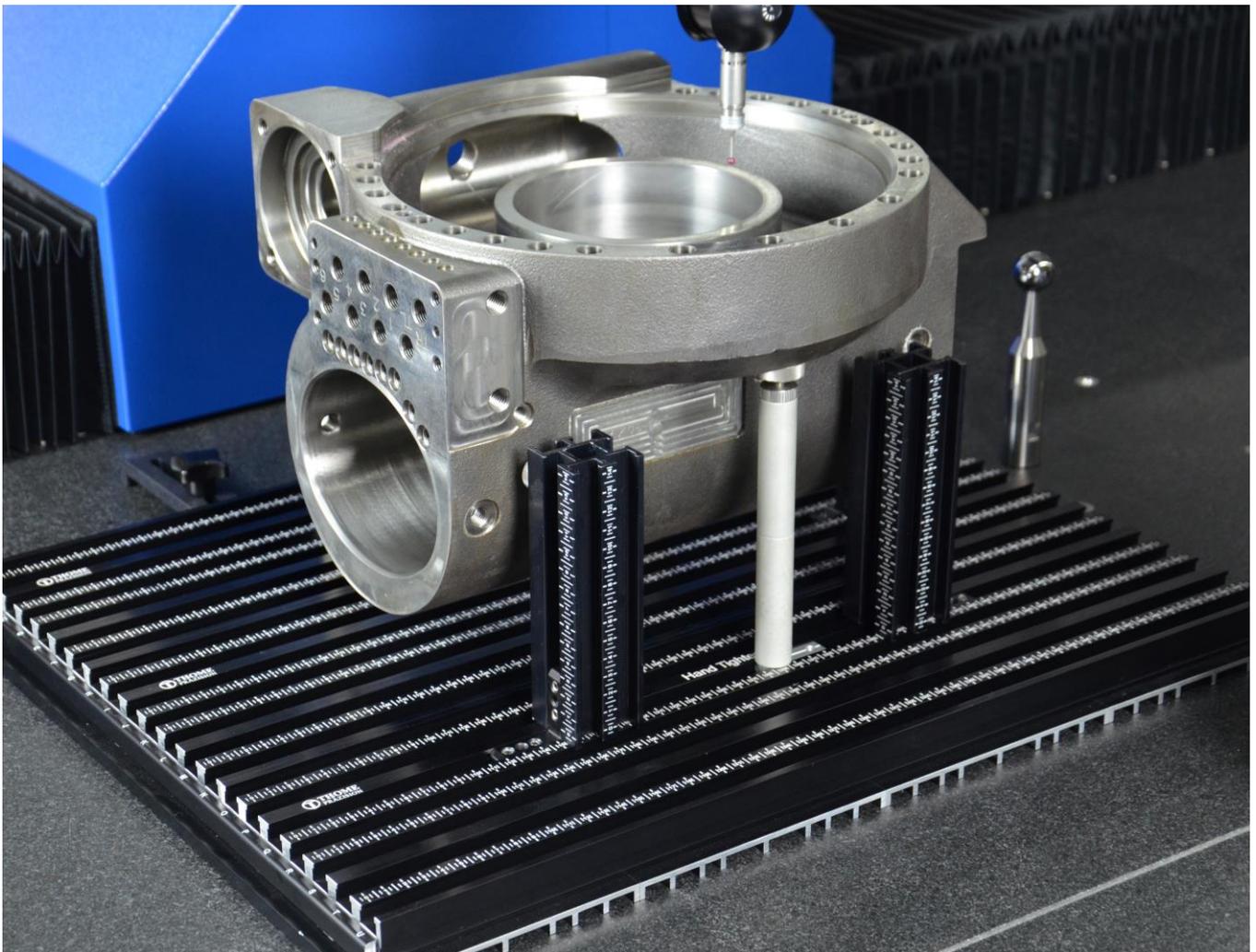


SPANNFIX clamping system

The user-friendly clamping system for coordinate measuring machines



Simple - Fast - Inexpensive

SPANNFIX clamping system

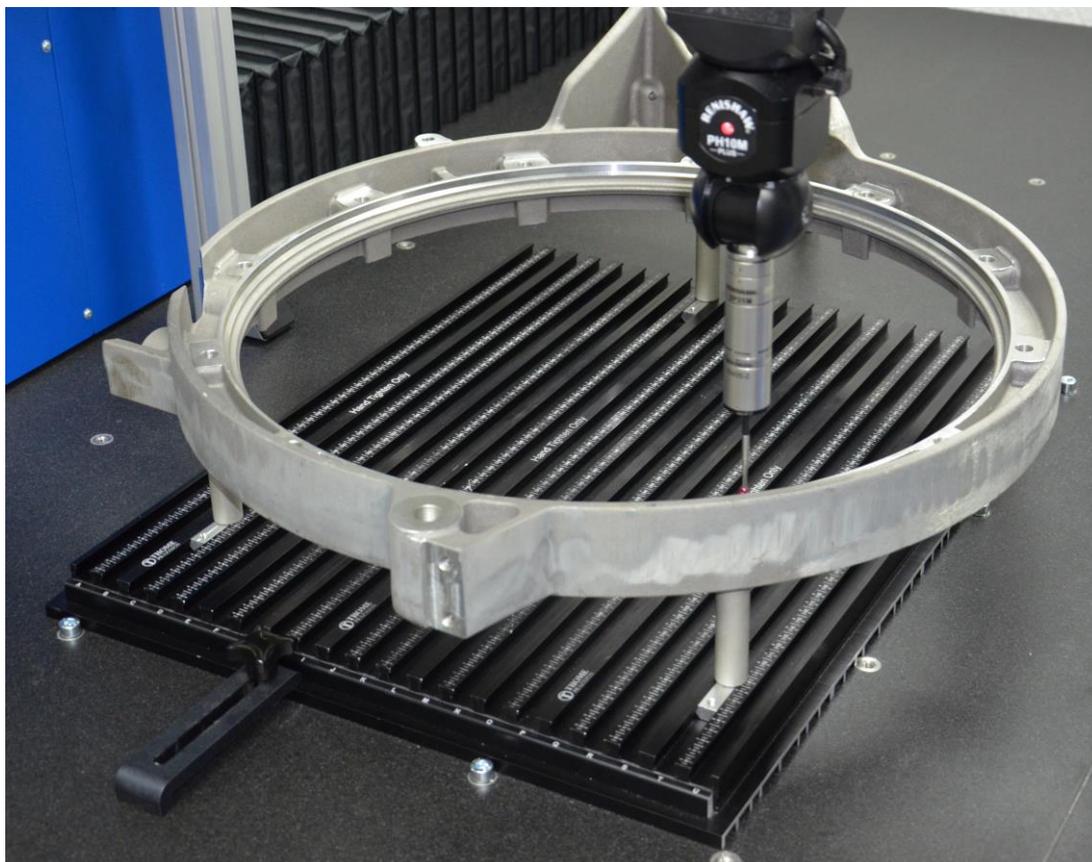
THOME Precision's modular clamping system is a highly effective and simple clamping system. A large number of different components, such as supports and swivel brackets, allow fixtures to be assembled quickly, flexibly and easily. This makes it possible to clamp a wide variety of parts economically.

All SPANNFIX components are compatible with the T-slot clamping plates and all other plates that have an M6 thread. All individual parts are made of corrosion-resistant materials such as stainless steel and anodised aluminium.



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Standard clamping system kit (without clamping plate) Order no.: CMCK-S



The Kit Standard clamping system is suitable for small to medium-sized workpieces up to a weight of 50kg.

Standard Clamping System Kit contains the following components:

Supports:



4 pieces MCS19-25: 25mm length x 19mm diameter

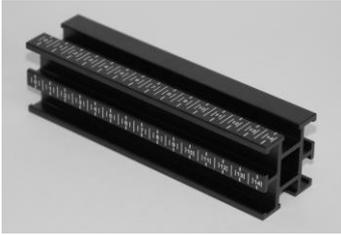
4 pieces MCS19-38: 37.5mm length x 19mm diameter

4 pieces MCS19-50: 50mm length x 19mm diameter

4 pieces MCS19-75: 75mm length x 19mm diameter

4 pieces MCS19-100: 100mm length x 19mm diameter

Grooved rails and accessories:



2 pcs MCLR150: 150mm T-slot rail, laser engraved, with six T-slots:
2 x 2 + 1 x 1
(Provides vertical fixation, laser engraved scales for easy reassembly)



4 pieces MCAC90-1: Rectangular connectors for T-slot rails, with six M6 threaded holes
(Is an angled T-slot nut, can also be used as an adjusting component)

Fastening elements:



30 pieces MCTS8: M6 grub screw, with nylon thrust piece
(Used in T-slots and T-slot angles)



2 pieces MCTS: stainless steel knurled screw
(For fixing the crossbars)



12 pieces MCTN1: T-slot nuts, 37.5mm long with two M6 threads
(Used for fixing to the T-slot plate)



10 pieces MCLN: Locknut with M6 thread
(For fixing the tie rods, knurled screws and the conical support pin)

Clamps and tie rods:



6 pieces CTSC01: hold-down spring
(The self-clamping hold-down springs are used together with the tie rods)



3 pieces MCR6-100T: stainless steel tension rod 100mm long with M6 thread
3 pieces MCR6-200T: stainless steel tie rod 200mm long with M6 thread
(Together with counter nut for fixing on the fixing plate or on supports)



Accessories:



2 pieces MCJSM6: Mini support screw with M6 thread
(The levelling screw and locknut are assembled to form a mini support frame.)



4 pieces MCCL19: Small conical pin, 19mm diameter with M6 thread.
(For positioning in holes from 2.5mm - 17.5mm, and for creating Vee configurations)



1 piece MCSW: swivel head mounting for horizontal or vertical clamping, M6 female thread
(For multiple angle terminals or reference points)



1 piece MCCSA-300: cross slide mounting, 300mm, laser engraved, with mounting clamps
(Allows the creation of any X-Y angle to the base plate. With engraved scale for easy reassembly)



1 piece MSTB-1: Movable setting block with T-slot nut
(With adjustment holes perpendicular to the x-axis)



4 pieces MCAR: Adjustable positioning pin, stainless, spherical tip, M6 thread
(Together with a support, this results in a mini support frame with a spherical support.)

Plastic component case: 1 piece #CKCC: With dimensions 475mm x 300mm x 75mm. The price for the clamping system Kit Standard is 1.198,00 € plus VAT.

All prices quoted in this catalogue are subject to change without notice and do not include transport, packaging and VAT.



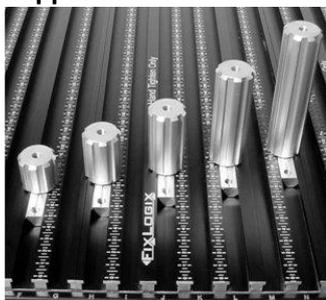
Clamping System Kit 1 (without clamping plate) - Order No.: CMCK1



The clamping system Kit 1 is also suitable for larger workpieces up to a weight of 200 kg.

Clamping system Kit 1 contains the following components:

Supports:



4 pieces MCS1-25: 25mm length x 25.4mm diameter

4 pieces MCS1-38: 37.5mm length x 25.4mm diameter

4 pieces MCS1-50: 50mm length x 25.4mm diameter

4 pieces MCS1-75: 75mm length x 25.4mm diameter

4 pieces MCS1-100: 100mm length x 25.4mm diameter



Fastening elements:



41 pieces MCTS8: M6 grub screw, with nylon thrust piece
(Used in T-slots and T-slot angles)



3 pieces MCTS: stainless steel knurled screw
(For fixing the crossbars)

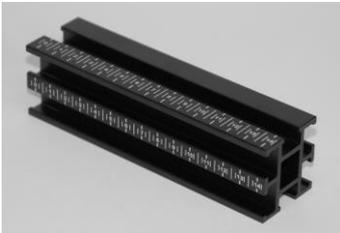


16 pieces MCTN1: T-slot nuts, 37.5mm long with two M6 threads
(Used for fixing to the T-slot plate)



12 pieces MCLN: Locknut with M6 thread
(For fixing the tie rods, knurled screws and the conical support pin)

Grooved rails and accessories:

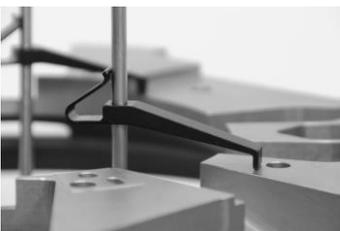


2 x MCLR300: 300mm T-slot rail, laser engraved, with six T-slots: 2 x 2 + 1 x 1
(Provides vertical fixation, laser engraved scales for easy reassembly)



6 x MCAC90-1 Right-angled connectors for T-slot rails, with six M6 threaded holes
(Is an angled T-slot nut, can also be used as an adjusting component)

Clamps and tie rods:



8 pieces CTSC01: hold-down spring
(The self-clamping hold-down springs are used together with the tie rods)



3 pieces MCR6-200T: stainless steel tie rod 200mm long with M6 thread
(Together with counter nut for fixing on the fixing plate or on supports)



Accessories::



2 pieces MCJSM6: Mini support screw with M6 thread
(The levelling screw and locknut are assembled to form a mini support frame.)



4 pieces MCCLL: Large conical pin, 25.4mm diameter with M6 thread.
(For positioning in holes from 3.5mm - 21mm)



1 piece MCSW: swivel head mounting for horizontal or vertical clamping, M6 female thread
(For multiple angle terminals or reference points)



1 piece MCCSA-300, cross slide mounting, 300mm, laser engraved, with mounting clamps
(Allows the creation of any X-Y angle to the base plate. With engraved scale for easy reassembly)

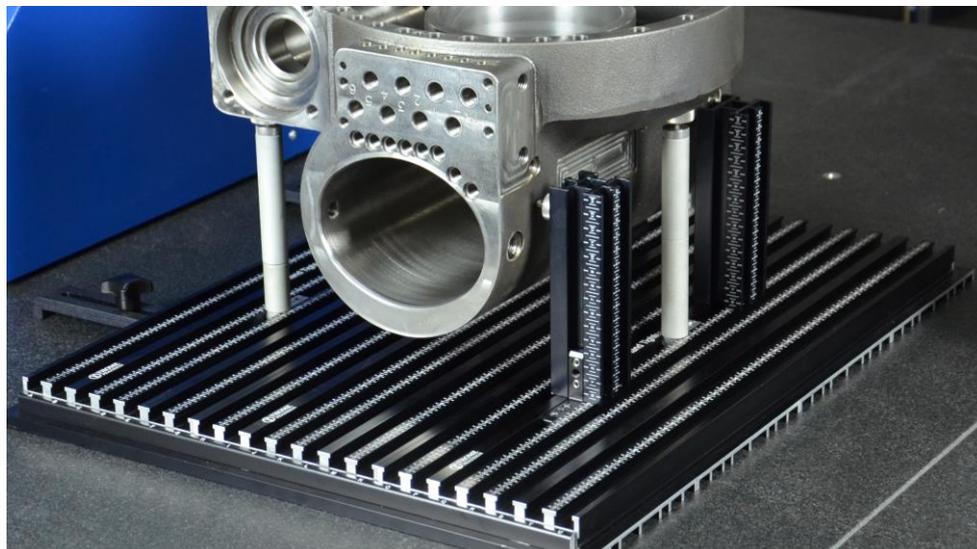


4 pieces MCAR: Adjustable positioning pin, stainless, spherical tip, M6 thread
(Together with a support, this results in a mini support frame with a spherical support.)

Component case made of plastic: 1 piece CKCC: With the dimensions 475 mm x 300 mm x 75 mm.

The price for the clamping system Kit 1 is 1.690,00 € plus VAT.

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Clamping plates with T-slots and engraved line markings



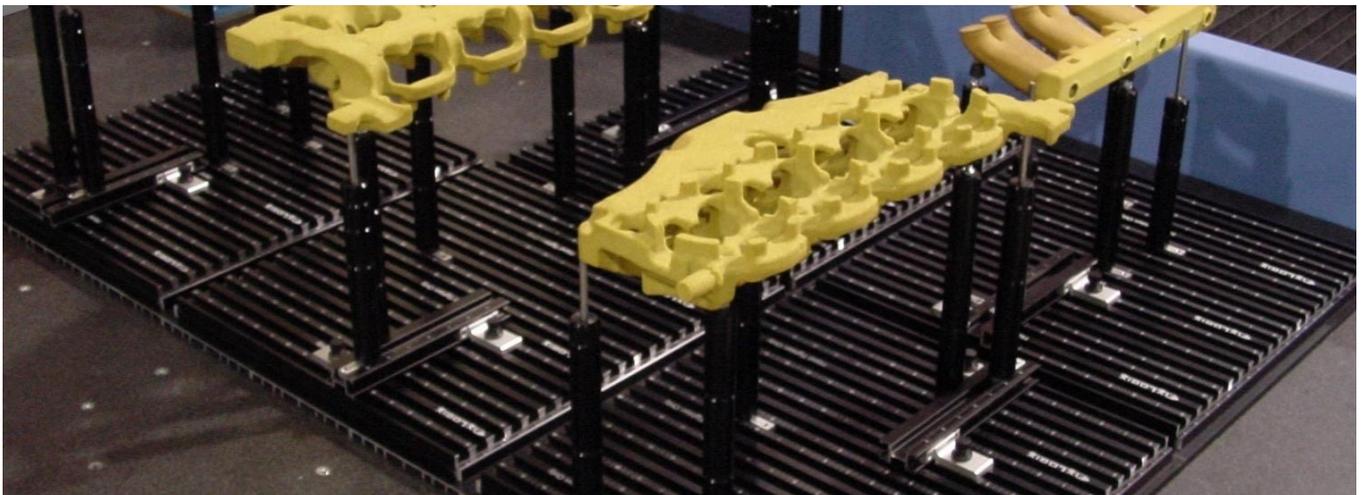
All clamping plates have T-slots and engraved line markings at 25 mm intervals. They serve as an orientation aid when setting up reproducible fixtures.

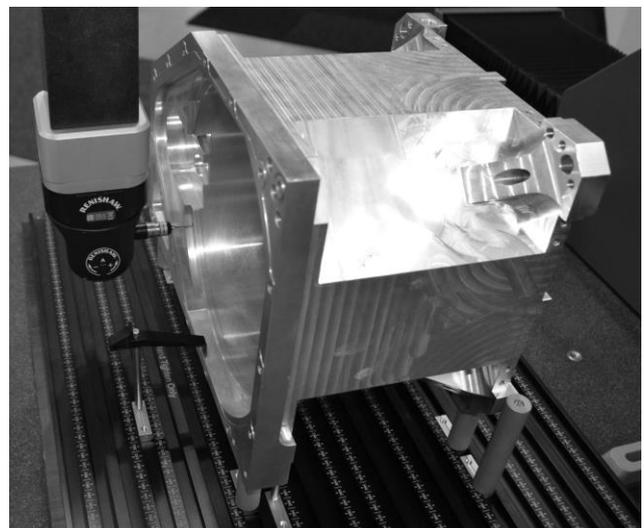
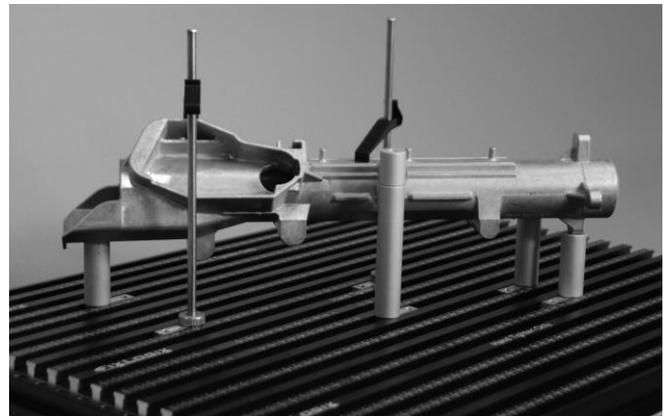
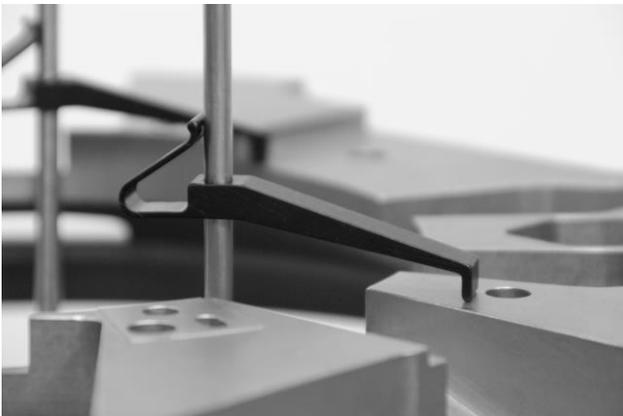
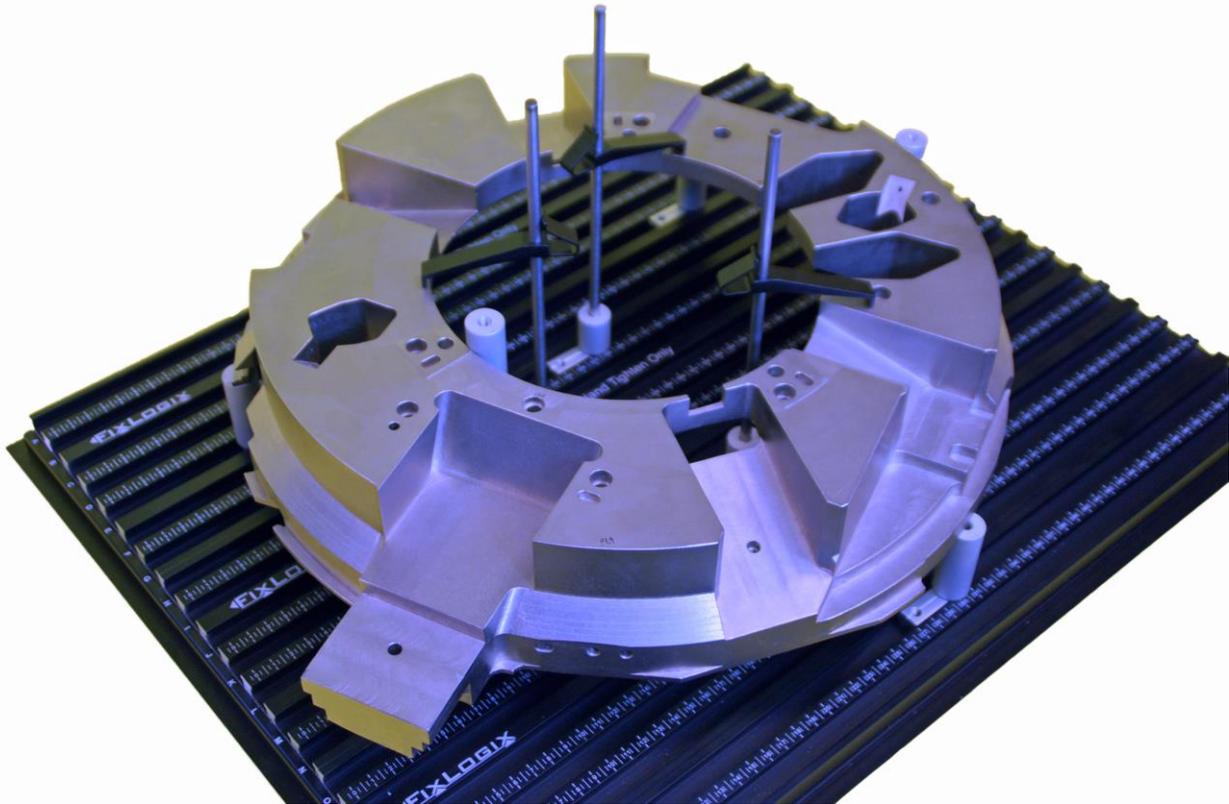
Order no.	Size in mm	Price in €
CPM1212	300 x 300 x 35	198,00 (on stock)
CPM1218	300 x 450 x 35	273,00
CPM1224	300 x 600 x 35	338,00
CPM1230	300 x 750 x 35	398,00
CPM1818	450 x 450 x 35	378,00
CPM1824	450 x 600 x 35	488,00 (on stock)
CPM1830	450 x 750 x 35	598,00
CPM1836	450 x 900 x 35	698,00
CPM1842	450 x 1.050 x 35	798,00
CPM2424	600 x 600 x 35	609,00
CPM2430	600 x 750 x 35	758,00
CPM2436	600 x 900 x 35	910,00
CPM2442	600 x 1.050 x 35	1.050,00
CPM2448	600 x 1.200 x 35	1.220,00
CPM3030	750 x 750 x 35	990,00
CPM3036	750 x 900 x 35	1.130,00



<i>Order no.</i>	<i>Size in mm</i>	<i>Price in €</i>
CPM3042	750 x 1.050 x 35	1.280,00
CPM3636	900 x 900 x 35	1.360,00
CPM3642	900 x 1.050 x 35	1.210,00
CPM3648	900 x 1.200 x 35	1.380,00
CPM3654	900 x 1.350 x 35	1.990,00
CPM3660	900 x 1.500 x 35	2.230,00
CPM3666	900 x 1.650 x 35	2.450,00
CPM3672	900 x 1.800 x 35	2.680,00
CPM3678	900 x 1.950 x 35	2.900,00
CPM3684	900 x 2.100 x 35	3.150,00
CPM3690	900 x 2.250 x 35	3.390,00
CPM42102	1.050 x 2.700 x 35	4.520,00
CPM42108	1.050 x 2.700 x 35	4.680,00
CPM4242	1.050 x 1.200 x 35	2.210,00
CPM4254	1.050 x 1.350 x 35	2.450,00
CPM4260	1.050 x 1.500 x 35	2.680,00
CPM4266	1.050 x 1.800 x 35	3.180,00
CPM4272	1.050 x 1.950 x 35	3.430,00
CPM4284	1.050 x 2.100 x 35	3.670,00
CPM4290	1.050 x 2.250 x 35	3.920,00
CPM4296	1.050 x 2.400 x 35	4.160,00
CPM48108	1.200 x 2.700 x 35	5.430,00
CPM4848	1.200 x 1.200 x 35	2.490,00
CPM4860	1.200 x 1.500 x 35	2.980,00
CPM4872	1.200 x 1.800 x 35	3.570,00
CPM4884	1.200 x 2.100 x 35	4.190,00
CPM4896	1.200 x 2.400 x 35	4.790,00

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THOME Präzision is a family business and develops and manufactures coordinate measuring machines and the measuring software ThomControl in-house.

The development and production take place exclusively in Germany.

Our experienced developers are happy to create a tailor-made solution for you.

Flexibility is our strength!

We look forward to hearing from you! Your THOME Precision Team.

THOME Precision GmbH

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Further products of THOME Precision GmbH

- CNC measuring machines in portal design
- Manual and CNC controlled column measuring machines
- Modernization (retrofit) of old measuring machines of any manufacturer
- Touch probes and styli for measuring machines
- Clamping systems for measuring machines
- Precision parts made of granite in special production
- Measuring plates, measuring bars, measuring angles made of granite
- Special mechanical engineering in the field of production metrology