



Surface plates - inspection plates

Precise base for transacting measuring and inspection tasks in production shops and inspection rooms

Each JFA surface plate is **made by JFA**. JFA does not offer trade goods of foreign origins.

JFA selects and purchases its hardstone material. JFA surface plates are worked and lapped in our production shop as well as in our clima-controlled inspection areas. JFA's technicians calibrate the achieved accuracies. JFA surface plates are quality products. The experience of our technicians grant for JFA's high quality standard.

JFA meets high approval in production of surface plates in **XL** and **XXL**-sizes. e.g. dimension 4.000 x 3.000 mm

Material

The base material for JFA surface plates is black natural hardstone - Gabbro Impala. This material has best suited technical properties. JFA surface plates are natural finish and not treated with chemicals. They are neither painted, nor waxed respectively oiled.

Working

The measuring surface - top side - is mechanically and manually fine and wear-resistant worked. Flatness of the measuring surface according to DIN 876 or JFA standard. The outer faces are finely, the bottom face is diamond-worked. Edges are chamfered for protection against damages. With steel ball inserts at the bottom face. Precise longitudinal outer faces as requested.

Calibration certificate

A calibration certificate is part of scope of delivery. The measuring results are retraceable to National standards. Factory- or DAkkS calibration certificate can be issued on request.

Accessories for statically defined setting up of surface plates

JFA accessories for the setting up of surface plates are equipped with screws with fine thread M27.

- › Steel frame support, open type. Order no. 233 63.
- › Steel frame support, cabinet type. Covered with steel. With lockable doors and depending on sizes, with drawer or drawers and oddments storage space. Order no. 233 65.
- › Table sets of steel. For erection and alignment of surface plates on workbenches. Order no. 260 52
- › Single rests of steel in weld construction. Order no. 233 61.

Accessories / T-slots

The T-slots are in steel-bars which are satin chromium plated. These steel bars are firmly and solidly connected to the body of the surface plate.

- › T-clamping-slot 14 mm H12. Order no. 233 71.
- › T-guiding- and clamping slot 14 mm H8. Flatness and parallelism of lateral slot-faces within 0,005 / 1.000 mm. Order no. 233 75.

Accessories / Threaded inserts - holes

- › Threaded inserts of inoxydable steel. For definite clamping of workpieces and mechanic devices. Positions, position-tolerances and thread sizes on request.
- › Holes and take outs directly worked into the hardstone. Positions, position-tolerances and precisions on request.



TECHNICAL TABLE

length	mm	300	400	500	600	800	1000	1000	1000	1200	1200	1500	2000	2000
width	mm	200	300	400	500	600	600	800	1000	800	1000	1000	1000	1500
height	mm	50	90	100	120	140	160	160	190	190	190	220	250	250
DIN 876-1/ flatness	mm	0,013	0,014	0,015	0,016	0,018	0,020	0,020	0,020	0,022	0,022	0,025	0,030	0,030
DIN 876-0 / flatness	mm	0,005	0,006	0,006	0,006	0,007	0,008	0,008	0,008	0,008	0,008	0,010	0,012	0,012
DIN 876-00 / flatness	mm	0,0025	0,003	0,003	0,003	0,0035	0,004	0,004	0,004	0,004	0,004	0,005	0,006	0,006
weight	kg	9	32	60	110	205	290	385	570	550	685	990	1500	2700
order-no. DIN 876-1	233 10 5	03	05	06	09	12	16	17	18	21	22	26	32	33
order-no. DIN 876-0	233 10 6													
order-no. DIN 876-00	233 10 7													
table sets	pcs. per set	3	3	5	5	5	5	5	5	x	x	x	x	x
settling height	mm	75	75	75	75	75	75	75	75	x	x	x	x	x
order-no.	260 52 0	06	06	06	06	06	06	06	06	x	x	x	x	x
steel frame, open design														
weight	kg	x	x	x	25	30	35	40	50	50	60	70	100	on request
order-no.	233 63 0	x	x	x	09	12	16	17	18	21	22	26	32	33
steel frame, cabinet design														
weight	kg	x	x	x	35	45	50	60	70	70	80	110	150	on request
order-no.	23 365 1	x	x	x	09	12	16	17	18	21	22	26	32	33

