



No.E-9130

JIS Type Cast Iron Surface Plates

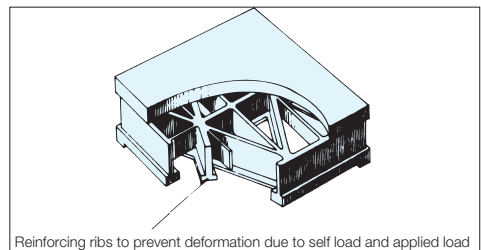
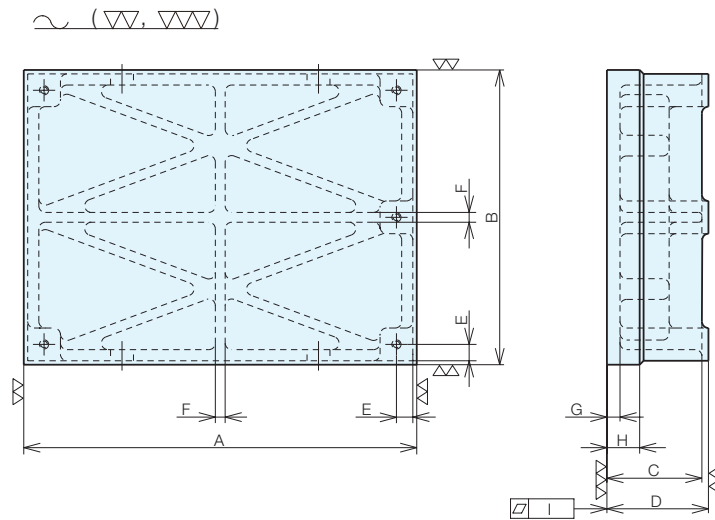
Material FC250 **Structure** Rib structure

Heat Treatment Annealing **Used Surface** Hand scraped finish

Painting Position Side face

Accessories Adjustment screws (except large surface plates)

- Precision and rigidity conform to JIS standards (JIS B7513).
- The used surface has low linking (adsorption), offering smooth handling of precision instruments.
- Offers excellent additional machinability, making it easy to repair scratches, etc.
- The level of the surface plate can be adjusted using the included adjustment screws.
- The level of large surface plates can be adjusted using leveling blocks.



Reinforcing ribs to prevent deformation due to self load and applied load

Jig Set-up Systems
(Q-lock)

Base Elements

Clamp Units

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Specifications

No.	A × B × C	D	E	F	G	H	Maximum Allowable Load (kN)	Weight (kg)	Adjustment Screw No.	Quantity
JP03030	300 × 300 × 95	101	14	-	15	34	1.6	28	SSB-M10 × 30B	3
JP03040	400 × 300 × 95	101	14	-	15	34	2.5	35	SSB-M10 × 30B	3
JP04040	400 × 400 × 110	116	14	10	15	40	2.5	54	SSB-M10 × 30B	3
JP04063	630 × 400 × 150	160	17	17	20	50	3.15	115	SSB-M12 × 50B	5
JP04560	600 × 450 × 145	155	15	15	18	50	3.15	115	SSB-M12 × 50B	5
JP05050	500 × 500 × 135	141	16	15	19	40	3.15	92	SSB-M10 × 50B	3
JP05075	750 × 500 × 165	175	18	16	19	50	5	125	SSB-M16 × 50B	3
JP06060	600 × 600 × 140	165	16	16	18	50	5	155	SSB-M16 × 50B	3
JP06363	630 × 630 × 160	170	20	20	25	50	5	180	SSB-M16 × 50B	5
JP06310	1000 × 630 × 220	235	25	20	30	75	8	480	SSB-M16 × 50B	5
JP07510	1000 × 750 × 225	240	17	17	22	75	8	395	SSB-M16 × 50B	5
JP09012	1200 × 900 × 225	250	20	18	25	75	8	710	SSB-M16 × 50B	5
JP10010	1000 × 1000 × 245	270	32	28	40	75	8	830	SSB-M16 × 50B	5
JP10015	1500 × 1000 × 270	295	28	25	30	75	16	1180	SSB-M20 × 50B	5
JP10016	1600 × 1000 × 270	290	30	25	35	75	20	1350	SSB-M20 × 50B	5
JP10020	2000 × 1000 × 300	330	30	25	45	80	25	1690	-	-
JP12024	2400 × 1200 × 350	370	35	22	42	80	31.5	2270	-	-
JP16025	2500 × 1600 × 350	370	30	30	40	80	31.5	2850	-	-

JIS 0 Grade			JIS 1 Grade			JIS 2 Grade		
Order No.	No.	Flatness: 1 μ m	Order No.	No.	Flatness: 1 μ m	Order No.	No.	Flatness: 1 μ m
940655	JP03030-0	4	940635	JP03030-1	8	940615	JP03030-2	16
940656	JP03040-0	4	940636	JP03040-1	8	940616	JP03040-2	16
940657	JP04040-0	4.5	940637	JP04040-1	9	940617	JP04040-2	17
940658	JP04063-0	5	940638	JP04063-1	10	940618	JP04063-2	20
940659	JP04560-0	5	940639	JP04560-1	10	940619	JP04560-2	20
940660	JP05050-0	5	940640	JP05050-1	10	940620	JP05050-2	20
940661	JP05075-0	5.5	940641	JP05075-1	11	940621	JP05075-2	22
940662	JP06060-0	5	940642	JP06060-1	10	940622	JP06060-2	21
940663	JP06363-0	4.5	940643	JP06363-1	9	940623	JP06363-2	17
940664	JP06310-0	6	940644	JP06310-1	12	940624	JP06310-2	24
940665	JP07510-0	6.5	940645	JP07510-1	13	940625	JP07510-2	26
940666	JP09012-0	7	940646	JP09012-1	14	940626	JP09012-2	28
940667	JP10010-0	7	940647	JP10010-1	14	940627	JP10010-2	28
940668	JP10015-0	8	940648	JP10015-1	16	940628	JP10015-2	33
940669	JP10016-0	8	940649	JP10016-1	16	940629	JP10016-2	33
940670	JP10020-0	9.5	940650	JP10020-1	19	940630	JP10020-2	38
940671	JP12024-0	10.5	940651	JP12024-1	21	940631	JP12024-2	42
940673	JP16025-0	11.5	940653	JP16025-1	23	940633	JP16025-2	46

About the Maximum Allowable Load

The maximum allowable load is the value calculated and set based on a "loading calculation" under the following conditions. This should be used as a rough guide when selecting the surface plate.

- Load conditions: Load concentrated in the center
- Support conditions: Freely supported at both ends

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