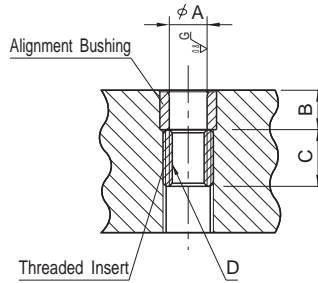


TECHNICAL INFORMATION

Multipurpose(MTP) Holes

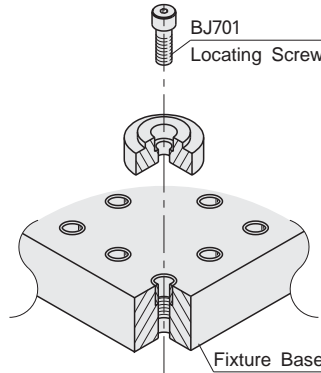
- Double construction for locating and fastening in one operation: alignment bushing on top and threaded insert below it .



Thread	A (F7)	B	C	D
<b>M12</b>	12	12.5	15	M12 x 1.75
<b>M16</b>	16	16.5	18	M16 x 2

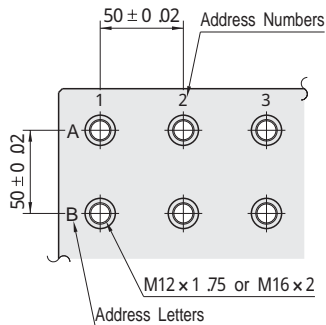
Locating a Component

- Use BJ700 or BJ701 Locating Screws that allow locating and fastening simultaneously .



Hole Spacing & Grid Address System

- MTP holes are spaced every  $50\text{mm} \pm 0.02$  on every grid tooling plate and block face .
- On every grid tooling plate and block face , numbers are provided in one direction and letters in the perpendicular direction to assign a grid address to every MTP hole , for easy recording of component mounting hole locations as part of fixturing documentation .

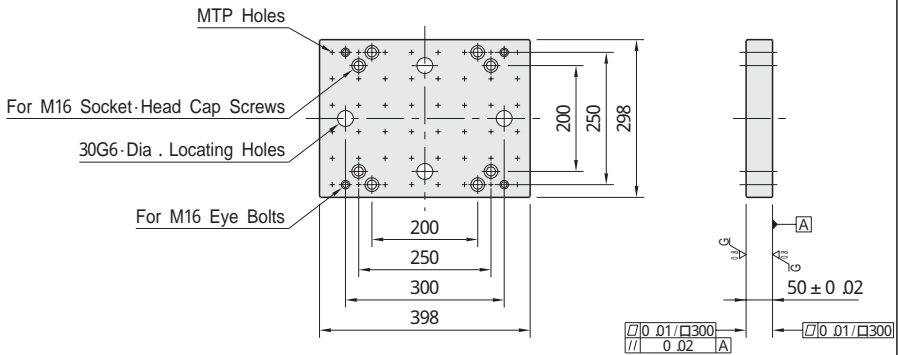


# BJ010(Standard&Heavy) RECTANGULAR GRID PLATES

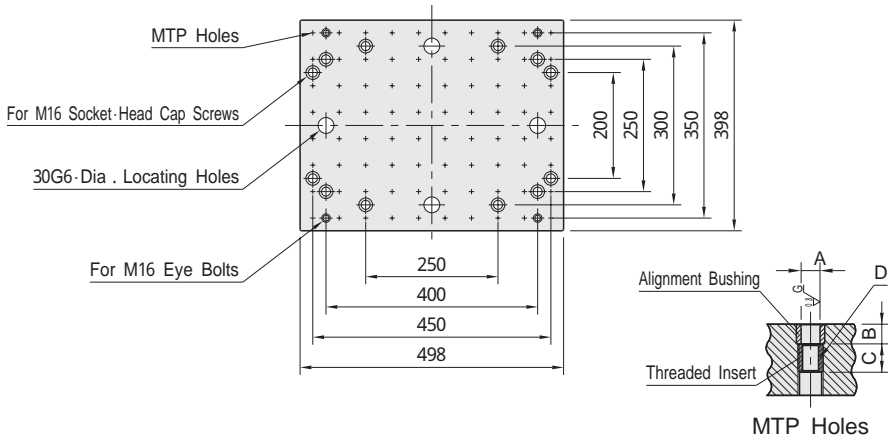


- [Body]  
Material:FC250 cast iron  
Annealed  
Precision ground
- [Alignment Bushing]  
Material:SUJ2 steel  
Heat treated
- [Threaded Insert]  
Material:S45C steel  
Nitrocarburized

## BJ010-3040-12



## BJ010-4050-12 BJ010-4050-16



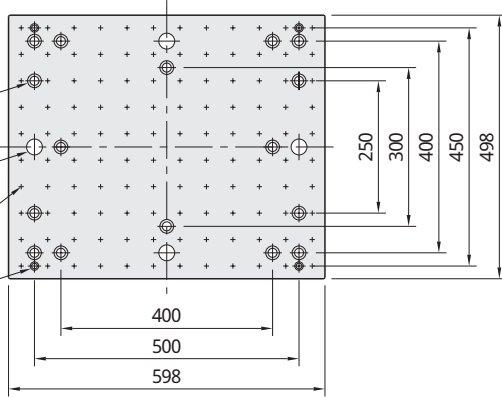
**BJ010-5060-12**  
**BJ010-5060-16**

For M16 Socket-Head Cap Screws

30G6-Dia . Locating Holes

MTP Holes

For M16 Eye Bolts



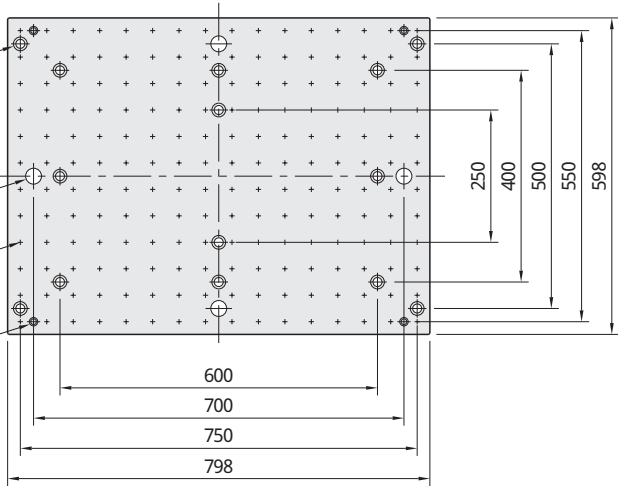
**BJ010-6080-12**  
**BJ010-6080-16**

For M16 Socket-Head Cap Screws

30G6-Dia . Locating Holes


MTP Holes

For M16 Eye Bolts

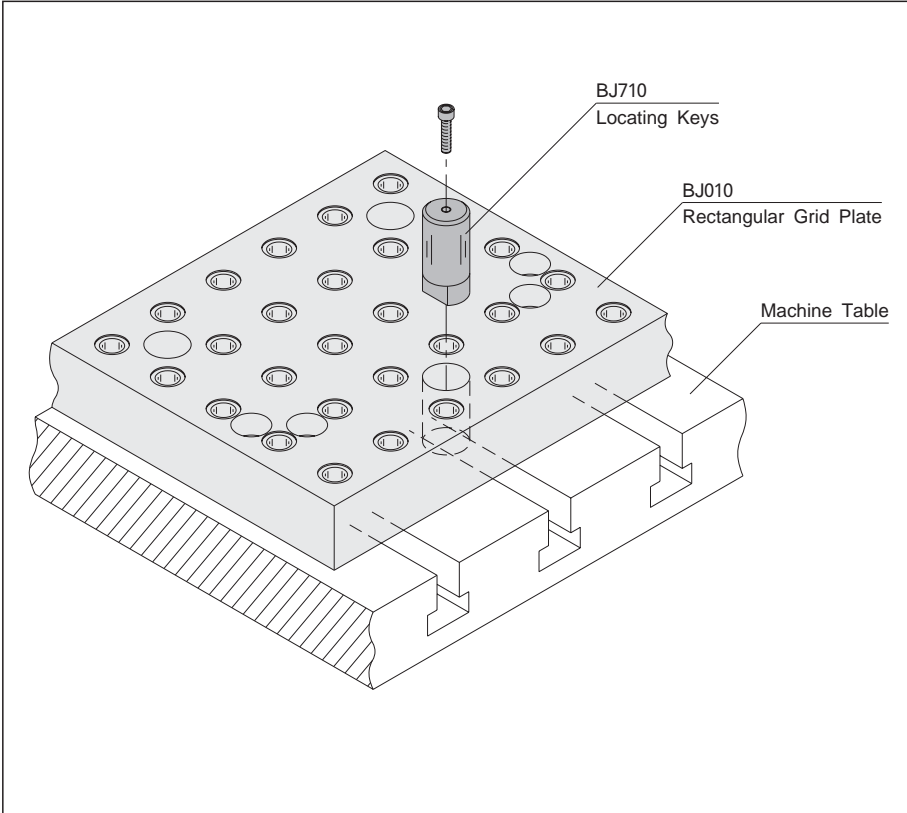


Part Number	A (F7)	B	C	D	No . of MTP Holes	No . of Mounting Holes	Weight (kg)
<b>BJ010-3040-12</b>	12	12.5	15	M12 x 1.75	48	8	40
<b>BJ010-4050-12</b>	12	12.5	15	M12 x 1.75	80	12	67
<b>BJ010-4050-16</b>	16	16.5	18	M16 x 2			64
<b>BJ010-5060-12</b>	12	12.5	15	M12 x 1.75	120	16	101
<b>BJ010-5060-16</b>	16	16.5	18	M16 x 2			98
<b>BJ010-6080-12</b>	12	12.5	15	M12 x 1.75	192	14	164
<b>BJ010-6080-16</b>	16	16.5	18	M16 x 2			157

- MTP-hole protection plugs and eye bolts are included.
- Every MTP hole is marked with an address number and letter.
- MTP holes spacing : 50 ± 0.02mm

 Continuing on Next Page

## How To Locate On Machine Table



Locate on the machine table using BJ710 Locating Keys .

# BJ010-N

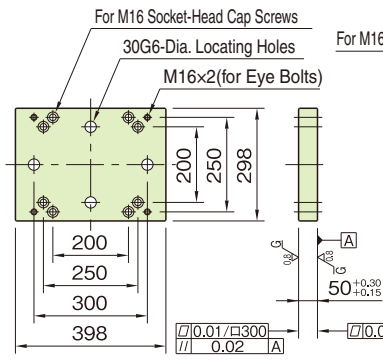
# RECTANGULAR BLANK PLATES



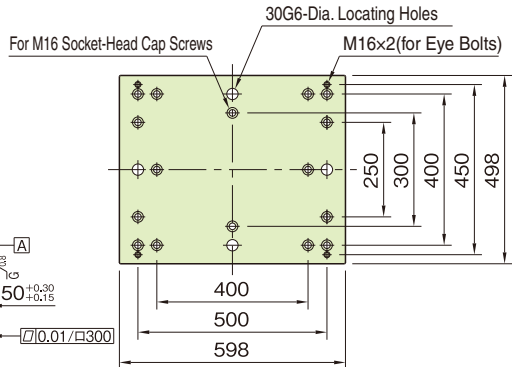
**⚠** The face is finish ground to loose tolerances, to provide finishing allowance for regrinding required after cutting of extra holes.



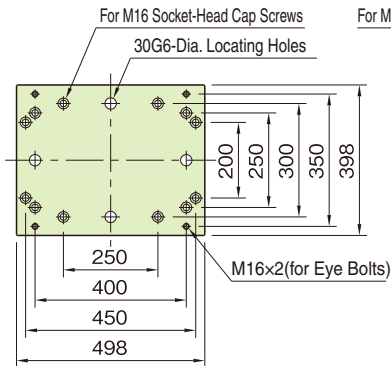
Material : FC250 cast iron  
 Annealed  
 Precision ground



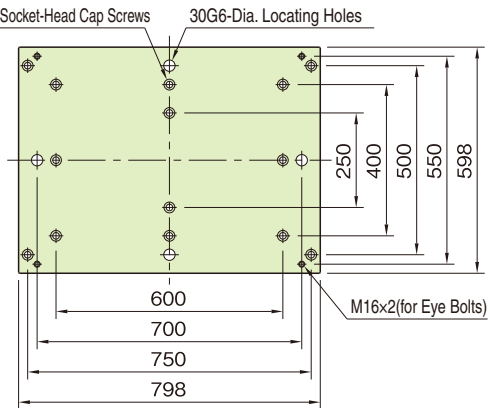
**BJ010-3040N-00**



**BJ010-5060N-00**



**BJ010-4050N-00**

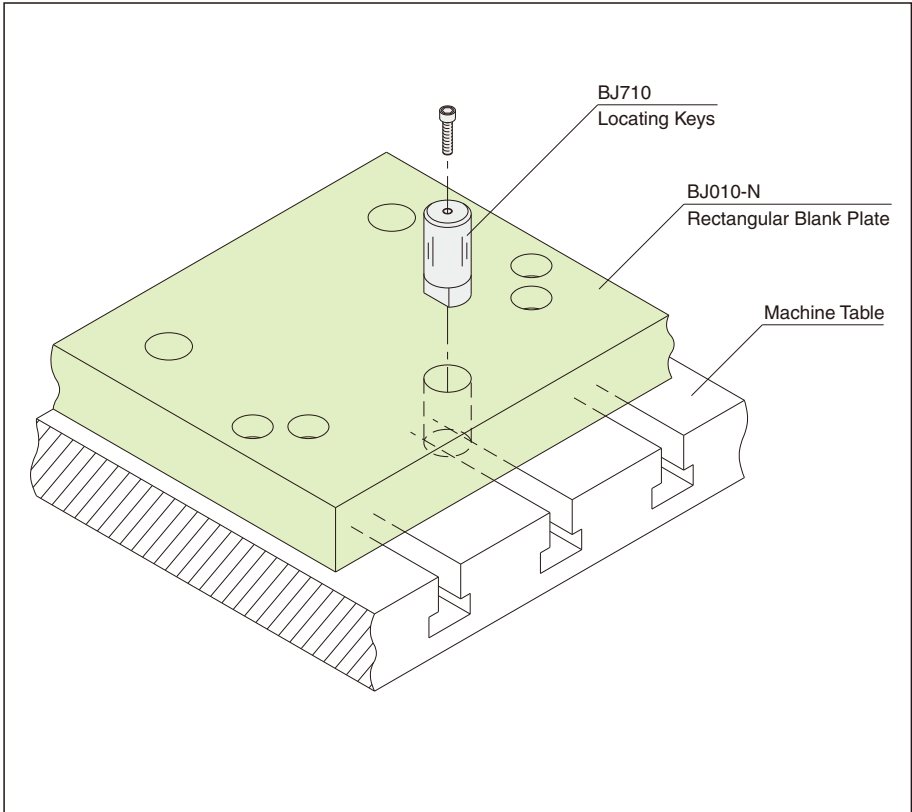


**BJ010-6080N-00**

Part Number	No. of MTP Holes	Weight (kg)
<b>BJ010-3040N-00</b>	8	43
<b>BJ010-4050N-00</b>	12	72
<b>BJ010-5060N-00</b>	16	108
<b>BJ010-6080N-00</b>	14	173

Eye bolts are included.

## How To Use



Locate on the machine table using BJ710 Locating Keys.  
Secure to the machine table using BJ749-16018 T-Slot Nuts.

**BJ011****VERTICAL GRID PLATES**

[Body]

Material : FC250 cast iron

Annealed

Precision ground

[Alignment Bushing]

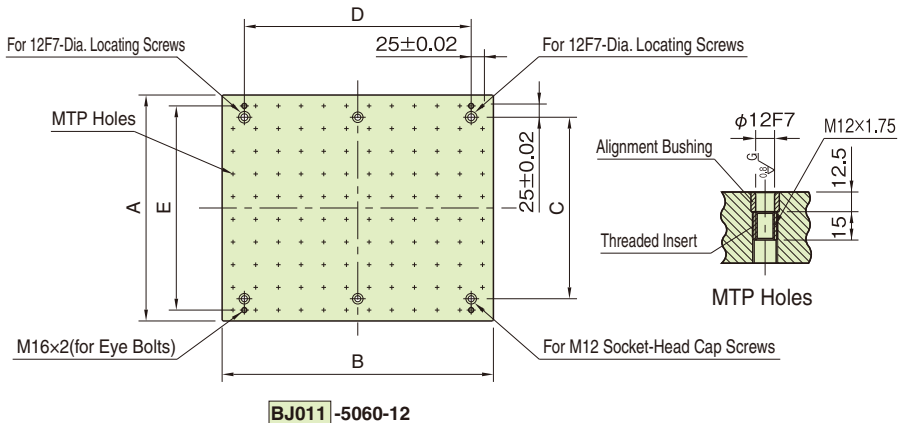
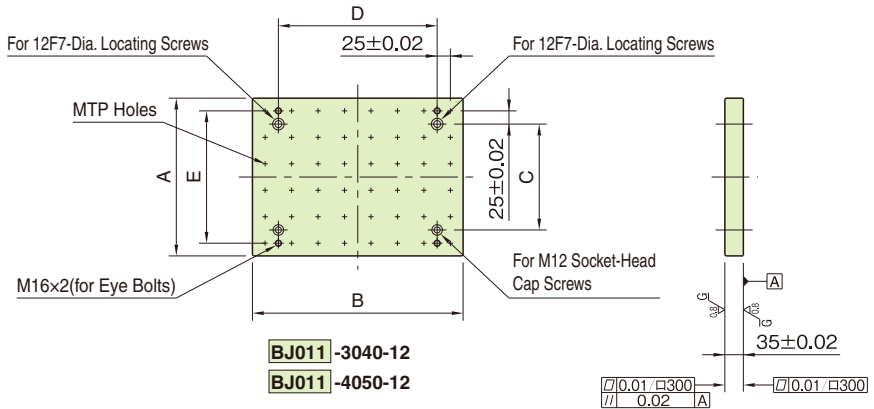
Material : SUJ2 steel

Heat Treat : Quenched and tempered

[Threaded Insert]

Material : S45C steel

Finish : Nitrocarburized



Part Number	A	B	C	D (±0.02)	E	No. of MTP Holes	No. of Mounting Holes	Locating Screws	Weight (kg)
<b>BJ011-3040-12</b>	298	398	200	300	250	48	4	BJ700-12055	29
<b>BJ011-4050-12</b>	398	498	300	400	350	80			48
<b>BJ011-5060-12</b>	498	598	400	500	450	120			6

MTP-hole protection plugs and eye bolts are included.

### Note:

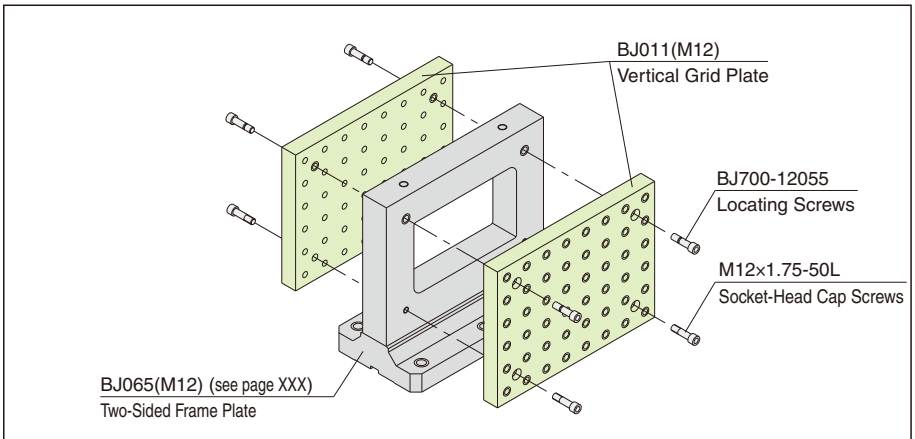
When mounting BJ011-3040-12 Vertical Grid Plates onto a BJ065-3040-12 Two-Sided Frame Plate, you are required to do single-station mounting.

### Features:

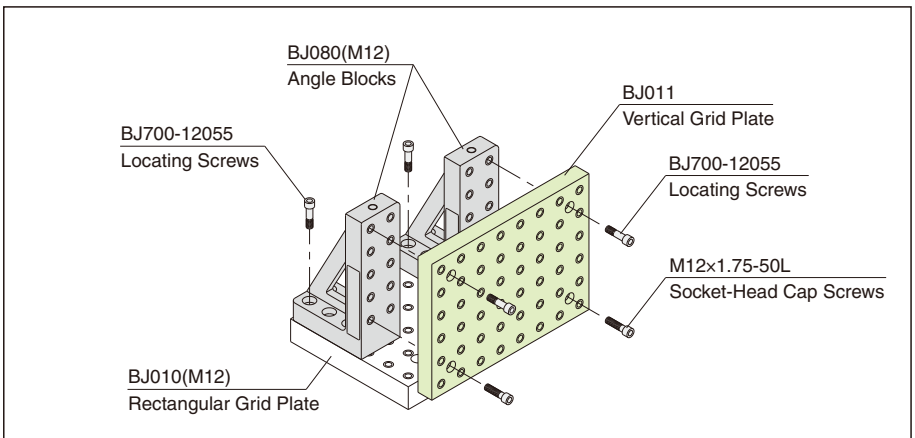
MTP Holes Spacing :  $50\text{mm} \pm 0.02$

Address numbers and letters are marked for address of every MTP hole.

### How To Use



Locate using BJ700 Locating Screws(see page XXX) at the top corners.



Locate using BJ700 Locating Screws at the top corners.

# BJ011-N

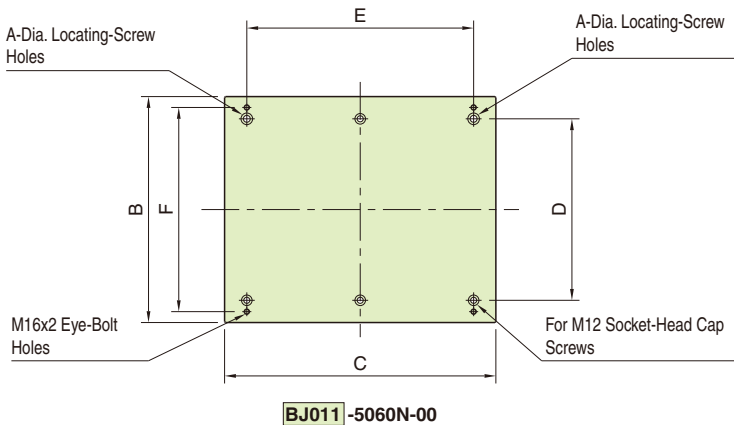
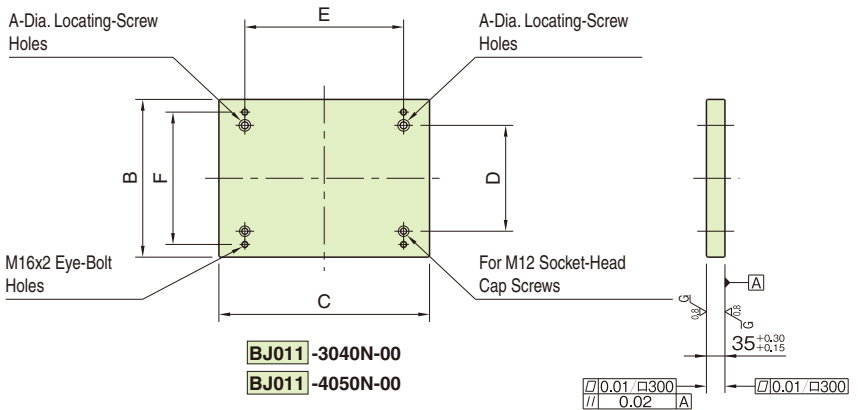
# VERTICAL BLANK PLATES



The face is finish ground to loose tolerances, to provide finishing allowance for regrinding required after cutting of extra holes.



Material : FC250 cast iron  
Annealed  
Precision ground



Part Number	A (F7)	B	C	D	E (±0.02)	F	No. of MTP Holes	Locating Screw
<b>BJ011-3040N-00</b>	12	298	398	200	300	250	4	BJ700-12055
<b>BJ011-4050N-00</b>		398	498	300	400	350		
<b>BJ011-5060N-00</b>		498	598	400	500	450	6	

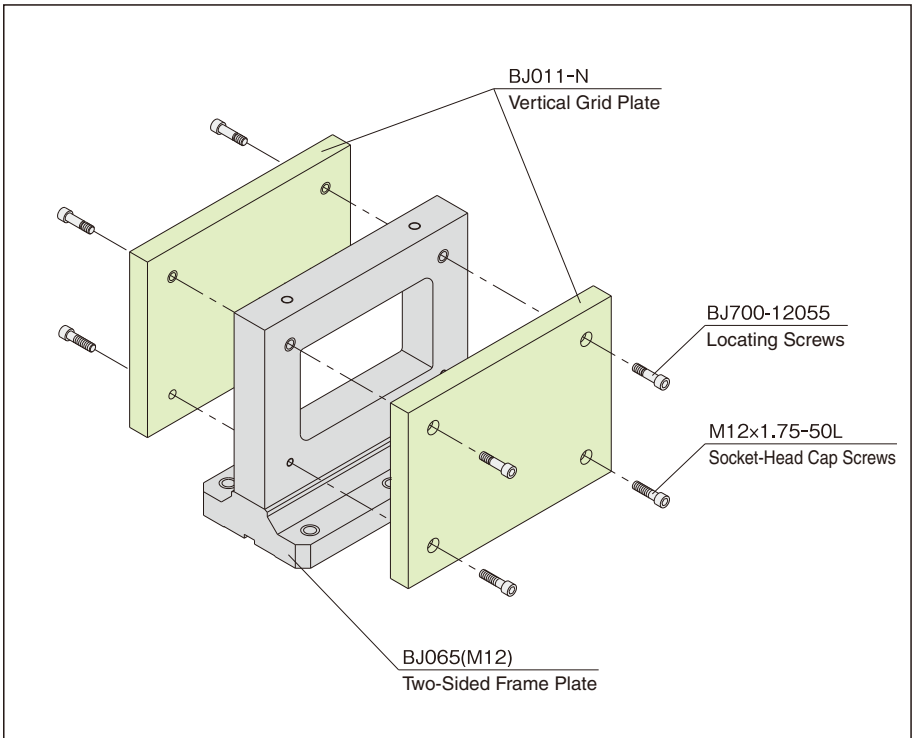
Part Number	Weight (kg)
<b>BJ011-3040N-00</b>	31
<b>BJ011-4050N-00</b>	51
<b>BJ011-5060N-00</b>	76

Eye bolts are included.

**Note :**

When mounting BJ011-3040N-00 plates onto a BJ065-3040-12 Two-Sided Frame Plates, you are required to do single-station mounting.

**How To Use**



Locate using BJ700 Locating Screws at the top corners.

# BJ040(Standard&Heavy) SQUARE GRID PLATES



Also available with DIN mounting capability or in other specified designs on request.

**[Body]**

Material:FC250 cast iron  
Annealed  
Precision ground

**[Alignment Bushing]**

Material:SUJ2 steel  
Heat treated

**[Threaded Insert]**

Material:S45C steel  
Nitrocarburized

Modular  
Fixture Bases

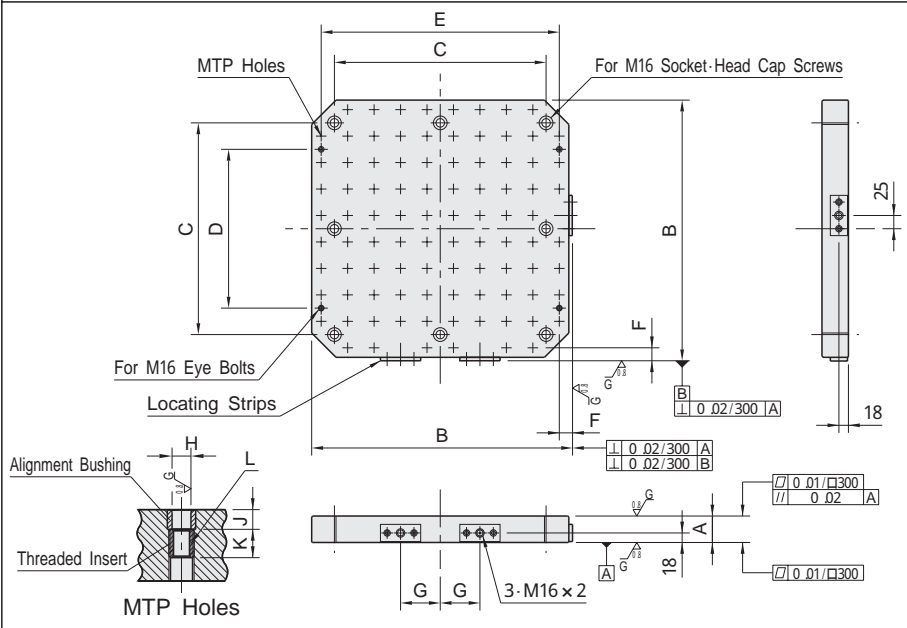
Blank  
Fixture Bases

Quick-Change  
Fixture Bases

Standard  
Fixture Parts

Modular  
Fixture Parts

One-Touch  
Clamps



Part Number	Pallet Size	A (±0.02)	B	C	D	E	F (±0.04)	G	H (F7)	J	K	L	No. of MTP Holes	No. of Mounting Holes	Weight (kg)
BJ040-4040-12	400	50	393	320	200	350	25	55	12	12.5	15	M12 x 1.75	59	4	53
BJ040-4040-16									16	16.5	18	M16 x 2			51
BJ040-5050-12	500	50	493	400	300	450	25	75	12	12.5	15	M12 x 1.75	93	8	82
BJ040-5050-16									16	16.5	18	M16 x 2			79
BJ040-6363-12	630	50	623	500	400	550	40	100	12	12.5	15	M12 x 1.75	139	8	132
BJ040-6363-16									16	16.5	18	M16 x 2			128
BJ040-8080-12	800	60	793	640	500	750	25	135	12	12.5	15	M12 x 1.75	237	8	253
BJ040-8080-16									16	16.5	18	M16 x 2			244

- MTP-hole protection plugs and eye bolts are included.
- Every MTP hole is marked with an address number and letter.
- MTP holes spacing : 50 ± 0.02mm

# BJ045(Standard & heavy)

# PLATFORM GRID PLATES



[Body]

Material : FCD450 cast iron  
 Annealed  
 Precision ground

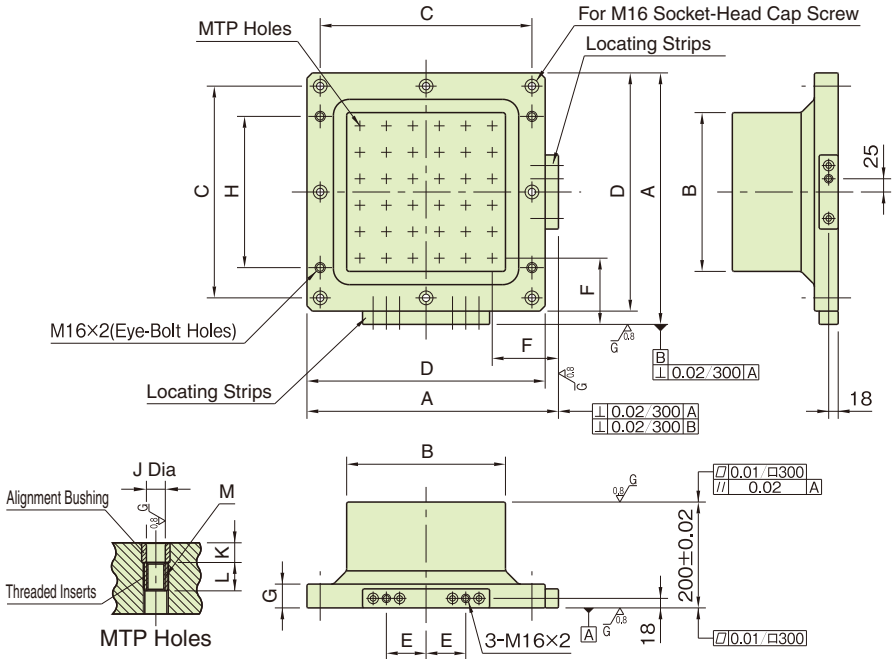
[Alignment Bushing]

Material : SUJ2 steel  
 Heat Treat : Quenched and tempered

[Threaded Insert]

Material : S45C steel  
 Finish : Nitrocarburized

Also available with DIN mounting capability or in other specified designs on request.



Part Number	Pallet Size	A	B	C	D	E	F (±0.04)	G	H	J (F7)	K	L	M	No. of MTP Holes	No. of Mounting Holes	Weight (kg)
BJ045-5030-12	□500	475	300	400	450	75	125	45	300	12	12.5	15	M12×1.75	36	8	121
BJ045-5030-16										16	16.5	18	M16×2			119
BJ045-6340-12	□630	605	400	500	580	100	140	50	400	12	12.5	15	M12×1.75	64		186
BJ045-6340-16										16	16.5	18	M16×2			184
BJ045-8050-12	□800	770	500	640	740	135	175	55	540	12	12.5	15	M12×1.75	100		302
BJ045-8050-16										16	16.5	18	M16×2			299

Included are BJ770 Protection Plugs and eye bolts

## Feature:

MTP holes spacing :  $50 \pm 0.02$ mm

Address numbers and letters are marked for address of every MTP hole.

# BJ045-N

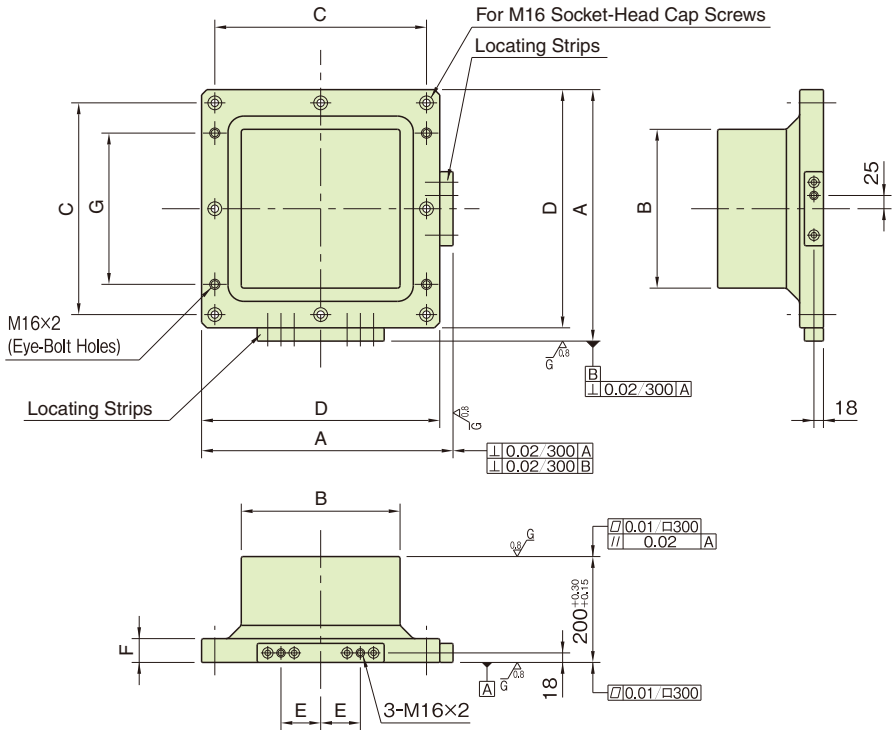
# PLATFORM BLANK PLATES



**⚠** The face is finish ground to loose tolerances, to provide finishing allowance for regrinding required after cutting of extra holes.

Material : FCD450 cast iron  
 Annealed  
 Precision ground

Also available with DIN mounting capability or in other specified designs on request.



Part Number	Pallet Size	A	B	C	D	E	F	G	No. of MTP Holes	Weight (kg)
<b>BJ045-5030N-00</b>	500	475	300	400	450	75	45	300	8	122
<b>BJ045-6340N-00</b>	630	605	400	500	580	100	50	400		189
<b>BJ045-8050N-00</b>	800	770	500	640	740	135	55	540		306

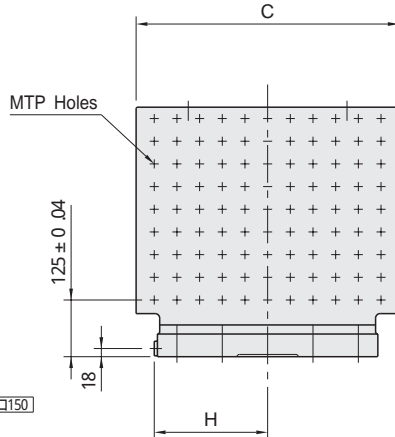
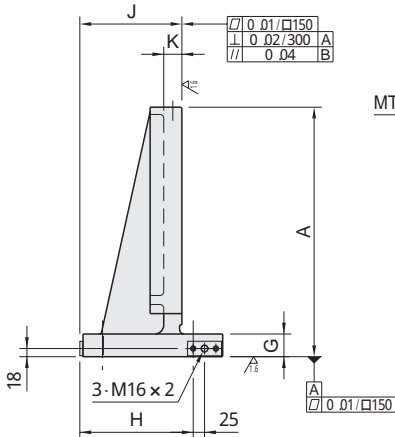
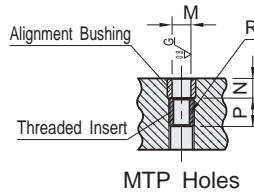
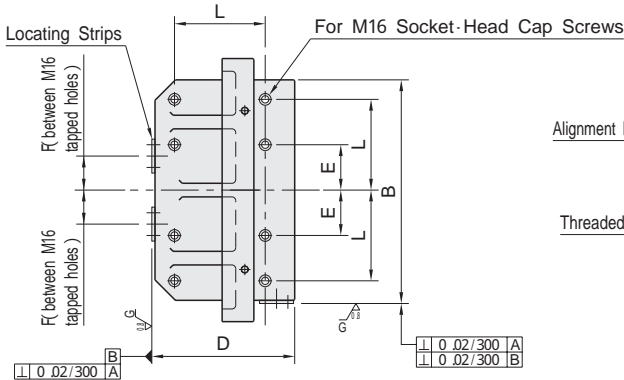
Eye bolts are included.

# BJ050(Standard&Heavy) ANGLE GRID PLATES



- [Body]  
Material:FC300 cast iron  
Annealed  
Precision machined
- [Alignment Bushing]  
Material:SUJ2 steel  
Heat treated
- [Threaded Insert]  
Material:S45C steel  
Nitrocarburized

Also available with DIN mounting capability or in other specified designs on request.



Part Number	Pallet Size	A	B	C	D	E	F	G	H ( $\pm 0.04$ )	J ( $\pm 0.04$ )	K	L
<b>BJ050-4101-12</b>	400	450	393	470	265	-	55	45	200	175	40	160
<b>BJ050-4101-16</b>												
<b>BJ050-5101-12</b>	500	550	493	580	315	100	75	50	250	225	40	200
<b>BJ050-5101-16</b>												
<b>BJ050-6101-12</b>	630	700	623	760	380	125	100	55	315	265	50	250
<b>BJ050-6101-16</b>												
<b>BJ050-8101-12</b>	800	800	793	900	465	160	135	60	400	350	50	320
<b>BJ050-8101-16</b>												

Part Number	M (F7)	N	P	R	No. of MTP Holes	No. of Mounting Holes	Weight (kg)
<b>BJ050-4101-12</b>	12	12.5	15	M12 x 1.75	63	4	95
<b>BJ050-4101-16</b>	16	16.5	18	M16 x 2			94
<b>BJ050-5101-12</b>	12	12.5	15	M12 x 1.75	99	8	157
<b>BJ050-5101-16</b>	16	16.5	18	M16 x 2			154
<b>BJ050-6101-12</b>	12	12.5	15	M12 x 1.75	180	8	303
<b>BJ050-6101-16</b>	16	16.5	18	M16 x 2			298
<b>BJ050-8101-12</b>	12	12.5	15	M12 x 1.75	238	8	457
<b>BJ050-8101-16</b>	16	16.5	18	M16 x 2			450

- MTP-hole protection plugs and eye bolts are included.
- Every MTP hole is marked with an address number and letter.
- MTP holes spacing :  $50 \pm 0.02$ mm

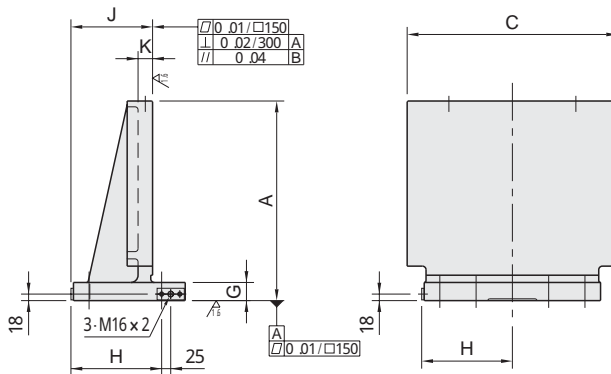
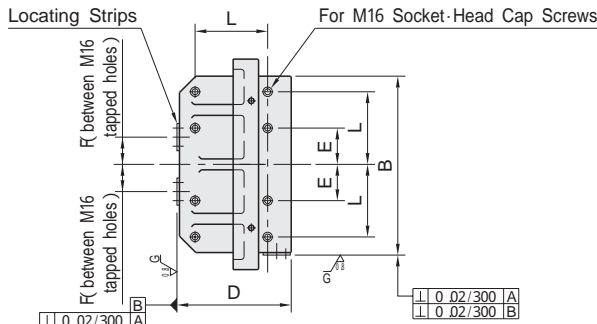
# BJ050

# ANGLE BLANK PLATES



Also available with DIN mounting capability or in other specified designs on request.

Material:FC300 cast iron  
Annealed  
Precision machined



Part Number	Pallet Size	A	B	C	D	E	F	G	H	J (±0.2)	K	L	No. of Mounting Holes	Weight (kg)
<b>BJ050-4101-00</b>	400	450	393	470	265	-	55	45	200	176	40	160	4	98
<b>BJ050-5101-00</b>	500	550	493	580	315	100	75	50	250	226	40	200	8	161
<b>BJ050-6101-00</b>	630	700	623	760	380	125	100	55	315	266	50	250	8	313
<b>BJ050-8101-00</b>	800	800	793	900	465	160	135	60	400	351	50	320	8	472

- Eye bolts are included.
- Custom plates are available on request.

Modular  
Fixture Bases

Blank  
Fixture Bases

Quick-Change  
Fixture Bases


Standard  
Fixture Parts

Modular  
Fixture Parts

One-Touch  
Clamps

# CP5

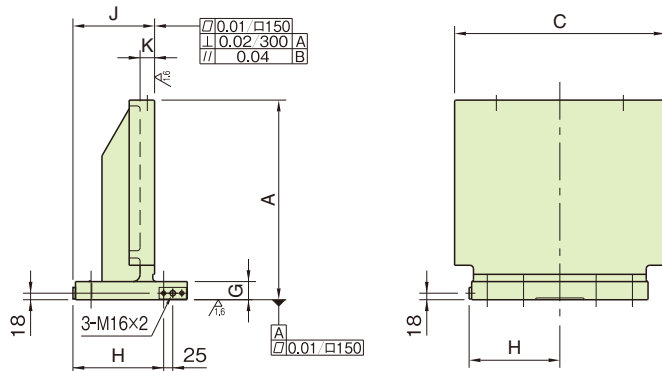
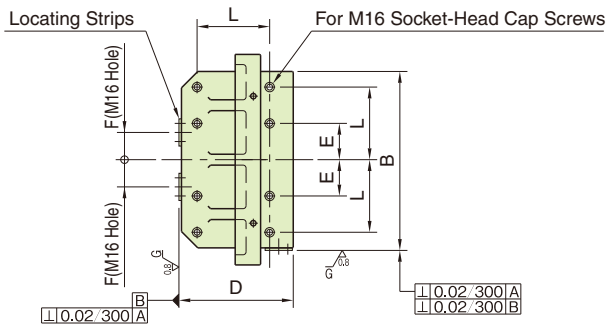
# ANGLE BLANK PLATES

 The face is precision ground with 0.5mm-deep finishing allowance for extra face finish to your specifications.



Also available with DIN mounting capability or in other specified designs on request.

Material : FC300 cast iron  
 Annealed  
 Precision machined



Part Number	Pallet Size	A	B	C	D	E	F	G	H	J (±0.2)	K	L	No. of MTP Holes	Weight (kg)											
CP5-4125-500S-4	□400	500	393	450	265	-	55	45	200	126	40	160	4	105											
CP5-4175-500S-4										176															
CP5-4125-500S-5										126	50														
CP5-4175-500S-5										176															
CP5-4125-500W-4				126						40															
CP5-4175-500W-4											176														
CP5-4125-500W-5				126						50															
CP5-4175-500W-5											176														
CP5-5150-550S-4	□500	550	493	580	315	100	75	50	250	151	40	200	8	172											
CP5-5150-550S-5										151	50			187											
CP5-5225-550S-5				226						40	179														
CP5-5150-550W-4				151										50											
CP5-5225-550W-4										226	196														
CP5-5150-550W-5				151						50															
CP5-5225-550W-5											226														
CP5-6190-750S-5				□630						750	623			750	380	125	100	55	315	191	50	250	8	352	
CP5-6265-750S-5	266																								
CP5-6190-750W-5	800	800	800		800	191	266	191	266			191	266	191						266				371	
CP5-6265-750W-5																									800
CP5-6190-800S-5	800	800	800		191	266	191	266	191			266	191	266						191				266	385
CP5-6265-800S-5																									
CP5-6190-800W-5	800	800	800		191	266	191	266	191			266	191	266						191				266	385
CP5-6265-800W-5																									
CP5-8250-850S-5	□800	850	793	900	465	160	135	60	400	251	50	320	8	534											
CP5-8350-850S-5										351															
CP5-8250-850W-5				1000						900				900	251	351	251	351	251	351	251	351	251	351	564
CP5-8350-850W-5																									
CP5-8250-900S-5				900						900				1000	251	351	251	351	251	351	251	351	251	351	559
CP5-8350-900S-5																									
CP5-8250-900W-5				900						900				1000	251	351	251	351	251	351	251	351	251	351	591
CP5-8350-900W-5																									

Eye bolts are included.

### Features:

A wide range of sizes are available.  
Also available in custom designs on request.

### Note:

These plates are non-stock items.

# BJ060/BJ061(Standard&Heavy) TWO-SIDED GRID BLOCKS

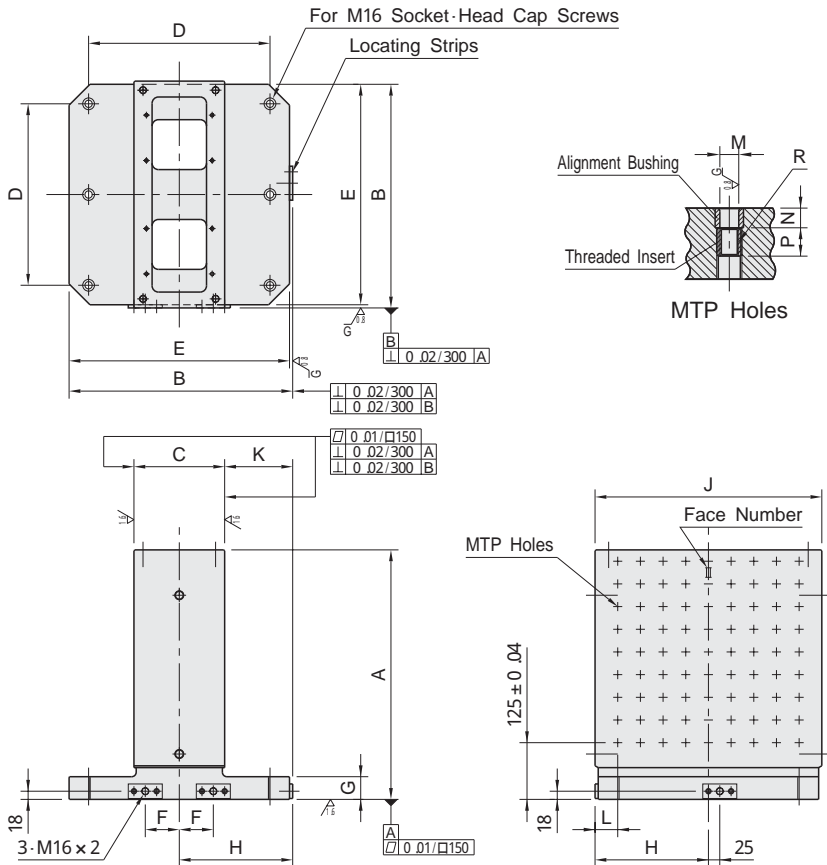


[Body]  
Material:FC300 cast iron  
Annealed  
Precision machined

[Alignment Bushing]  
Material:SUJ2 steel  
Heat treated

[Threaded Insert]  
Material:S45C steel  
Nitrocarburized

Also available with DIN mounting capability or in other specified designs on request.



Part Number	Pallet Size	A	B	C ( $\pm 0.04$ )	D	E	F	G	H	J	K ( $\pm 0.04$ )	L ( $\pm 0.04$ )
<b>BJ060-4015-12</b>	400	450	393	150	320	386	55	50	200	400	125	50
<b>BJ060-4015-16</b>												
<b>BJ060-5020-12</b>	500	550	493	200	400	486	75	50	250	500	150	50
<b>BJ060-5020-16</b>												
<b>BJ060-6325-12</b>	630	700	623	250	500	616	100	55	315	630	190	65
<b>BJ060-6325-16</b>												
<b>BJ060-8030-12</b>	800	800	793	300	640	786	135	60	400	800	250	50
<b>BJ060-8030-16</b>												
<b>BJ061-4015-12</b>	400	550	393	150	320	386	55	50	200	400	125	50
<b>BJ061-4015-16</b>												
<b>BJ061-5020-12</b>	500	650	493	200	400	486	75	50	250	500	150	50
<b>BJ061-5020-16</b>												
<b>BJ061-6325-12</b>	630	800	623	250	500	616	100	55	315	630	190	65
<b>BJ061-6325-16</b>												

Part Number	M (F7)	N	P	R	No. of MTP Holes	No. of Mounting Holes	Weight (kg)
<b>BJ060-4015-12</b>	12	12.5	15	M12 x 1.75	98	4	153
<b>BJ060-4015-16</b>	16	16.5	18	M16 x 2			150
<b>BJ060-5020-12</b>	12	12.5	15	M12 x 1.75	162	6	253
<b>BJ060-5020-16</b>	16	16.5	18	M16 x 2			251
<b>BJ060-6325-12</b>	12	12.5	15	M12 x 1.75	264	6	473
<b>BJ060-6325-16</b>	16	16.5	18	M16 x 2			465
<b>BJ060-8030-12</b>	12	12.5	15	M12 x 1.75	420	6	684
<b>BJ060-8030-16</b>	16	16.5	18	M16 x 2			672
<b>BJ061-4015-12</b>	12	12.5	15	M12 x 1.75	126	4	179
<b>BJ061-4015-16</b>	16	16.5	18	M16 x 2			176
<b>BJ061-5020-12</b>	12	12.5	15	M12 x 1.75	198	6	287
<b>BJ061-5020-16</b>	16	16.5	18	M16 x 2			285
<b>BJ061-6325-12</b>	12	12.5	15	M12 x 1.75	308	6	528
<b>BJ061-6325-16</b>	16	16.5	18	M16 x 2			513

- MTP-hole protection plugs and eye bolts are included.
- Every MTP hole is marked with an address number and letter.
- MTP holes spacing :  $50 \pm 0.02\text{mm}$

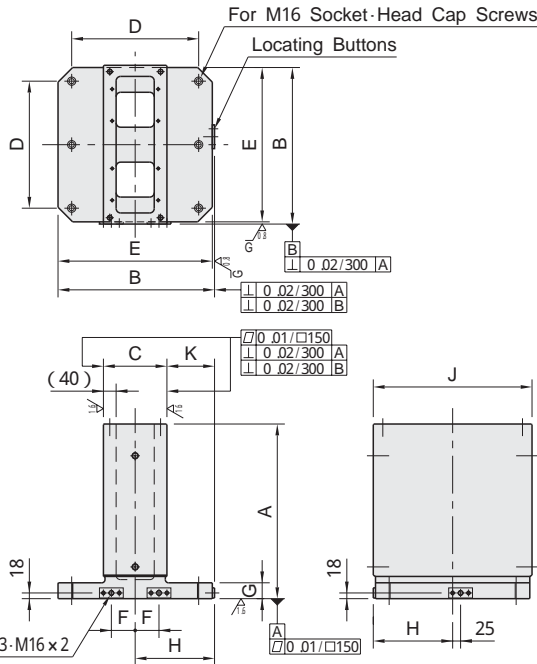
# BJ060/BJ061

# TWO-SIDED BLANK BLOCKS



Also available with DIN mounting capability or in other specified designs on request.

Material:FC300 cast iron  
Annealed  
Precision machined



Part Number	Pallet Size	A	B	C (±0.2)	D	E	F	G	H	J	K (±0.2)	No. of Mounting Holes	Weight (kg)
BJ060-4015-00	400	450	393	151	320	386	55	50	200	400	124.5	4	158
BJ060-5020-00	500	550	493	201	400	486	75	50	250	500	149.5	6	257
BJ060-6325-00	630	700	623	251	500	616	100	55	315	630	189.5	6	487
BJ060-8030-00	800	800	793	301	640	786	135	60	400	800	249.5	6	707
BJ061-4015-00	400	550	393	151	320	386	55	50	200	400	124.5	4	188
BJ061-5020-00	500	650	493	201	400	486	75	50	250	500	149.5	6	303
BJ061-6325-00	630	800	623	251	500	616	100	55	315	630	189.5	6	537

- Eye bolts are included.
- Custom blocks are available on request.

Modular  
Fixture Bases

Blank  
Fixture Bases

Quick-Change  
Fixture Bases


Standard  
Fixture Parts

Modular  
Fixture Parts

One-Touch  
Clamps

# CP6

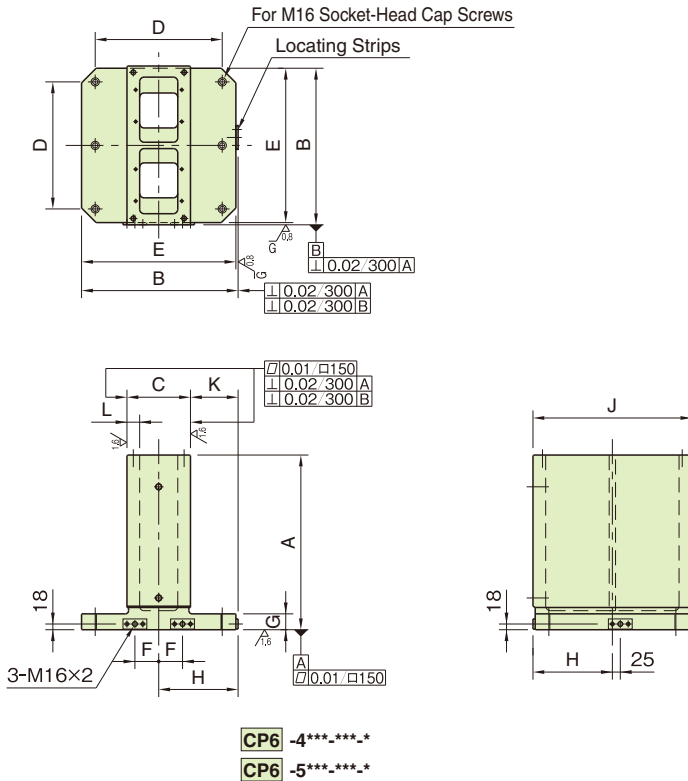
# TWO-SIDED BLANK BLOCKS

 Each face is precision ground with 0.5mm-deep finishing allowance for extra face finish to your specifications.



Also available with DIN mounting capability or in other specified designs on request.

Material : FC300 cast iron  
 Annealed  
 Precision machined



Series	Pallet Size	B	D	E	F	G	H	J	No. of MTP Holes
CP6-4***_***_*	□400	393	320	386	55	50	200	400	4
CP6-5***_***_*	□500	493	400	486	75		250	500	6

**CP6 -4\*\*\*-\*\*\*-\*(for 400mm pallets)**

Part Number	A	C (±0.2)	K (±0.2)	L	Weight (kg)	
CP6-4150-500-4	500	151	124.5	40	176	
CP6-4175-500-4		176	112	40	186	
CP6-4175-500-5				50	211	
CP6-4200-500-4		201	99.5	40	193	
CP6-4200-500-5				50	220	
CP6-4225-500-4		226	87	40	200	
CP6-4225-500-5				50	228	
CP6-4250-500-4		251	74.5	40	206	
CP6-4250-500-5				50	237	
CP6-4175-550-4		550	176	112	40	201
CP6-4175-550-5	50				229	
CP6-4200-550-4	201		99.5	40	209	
CP6-4200-550-5				50	239	
CP6-4225-550-4	226		87	40	217	
CP6-4225-550-5				50	248	
CP6-4250-550-4	251		74.5	40	224	
CP6-4250-550-5				50	258	
CP6-4150-600-4	600		151	124.5	40	205
CP6-4175-600-4			176	112	40	216
CP6-4175-600-5		50			247	
CP6-4200-600-4		201	99.5	40	225	
CP6-4200-600-5				50	258	
CP6-4225-600-4		226	87	40	234	
CP6-4225-600-5				50	268	
CP6-4250-600-4		251	74.5	40	242	
CP6-4250-600-5				50	279	
CP6-4150-650-4		650	151	124.5	40	220
CP6-4175-650-4	176		112	40	231	
CP6-4175-650-5				50	265	
CP6-4200-650-4	201		99.5	40	241	
CP6-4200-650-5				50	277	
CP6-4225-650-4	226		87	40	251	
CP6-4225-650-5				50	289	
CP6-4250-650-4	251		74.5	40	260	
CP6-4250-650-5				50	300	
CP6-4150-700-4	700		151	124.5	40	235
CP6-4175-700-4		176	112	40	246	
CP6-4175-700-5				50	283	
CP6-4200-700-4		201	99.5	40	257	
CP6-4200-700-5				50	296	
CP6-4225-700-4		226	87	40	268	
CP6-4225-700-5				50	309	
CP6-4250-700-4		251	74.5	40	278	
CP6-4250-700-5				50	321	

Eye bolts are included.

**Feature:**

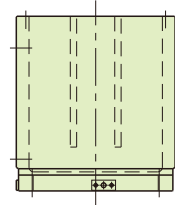
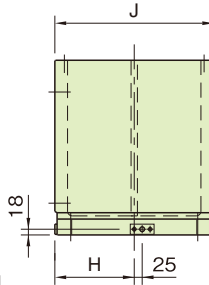
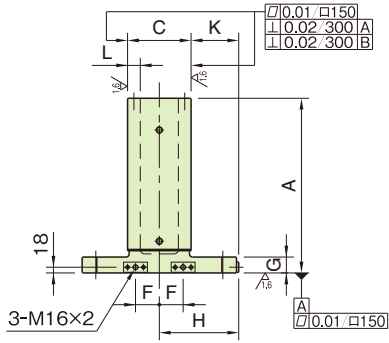
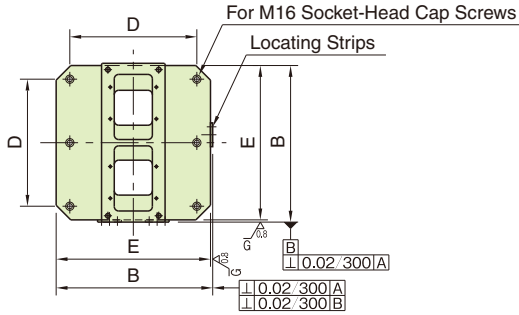
Also available in custom designs on request.

**Note:**

These blocks are non-stock items.

**CP6 -5\*\*\*-\*\*\*-\*(for 500mm pallets)**

Part Number	A	C (±0.2)	K (±0.2)	L	Weight (kg)
CP6-5200-600-4	600	201	149.5	40	287
CP6-5200-600-5				50	328
CP6-5225-600-4		226	137	40	296
CP6-5225-600-5				50	339
CP6-5250-600-4		251	124.5	40	304
CP6-5250-600-5			50	349	
CP6-5200-650-5	650	201	149.5	50	351
CP6-5225-650-4				226	137
CP6-5225-650-5		50	363		
CP6-5250-650-4		251	124.5	40	325
CP6-5250-650-5				50	374
CP6-5200-700-4	700	201	149.5	40	325
CP6-5200-700-5				50	374
CP6-5225-700-4		226	137	40	336
CP6-5225-700-5				50	386
CP6-5250-700-4		251	124.5	40	346
CP6-5250-700-5	50			399	
CP6-5200-750-4	750	201	149.5	40	344
CP6-5200-750-5				50	396
CP6-5225-750-4		226	137	40	356
CP6-5225-750-5				50	410
CP6-5250-750-4		251	124.5	40	367
CP6-5250-750-5	50			424	
CP6-5200-800-4	800	201	149.5	40	363
CP6-5200-800-5				50	419
CP6-5225-800-4		226	137	40	376
CP6-5225-800-5				50	434
CP6-5250-800-4		251	124.5	40	388
CP6-5250-800-5	50			449	
CP6-5200-850-4	850	201	149.5	40	382
CP6-5200-850-5				50	442
CP6-5225-850-4		226	137	40	395
CP6-5225-850-5				50	458
CP6-5250-850-4		251	124.5	40	409
CP6-5250-850-5	50			474	
CP6-5200-900-4	900	201	149.5	40	401
CP6-5200-900-5				50	464
CP6-5225-900-4		226	137	40	415
CP6-5225-900-5				50	481
CP6-5250-900-4		251	124.5	40	429
CP6-5250-900-5	50			499	



**CP6 -6\*\*\*\_\*\*\*\_\***

**CP6 -8\*\*\*\_\*\*\*\_\***

Series	Pallet Size	B	D	E	F	G	H	J	No. of MTP Holes
<b>CP6-6***_***_*</b>	$\square 630$	623	500	616	100	55	315	630	6
<b>CP6-8***_***_*</b>	$\square 800$	793	640	786	135	60	400	800	

**CP6 -6\*\*\*\_\*\*\*\_\*(for 630mm pallets)**

Part Number	A	C (±0.2)	K (±0.2)	L	Weight (kg)
CP6-6200- 700-4	700	201	214.5	40	440
CP6-6200- 700-5				50	500
CP6-6250- 700-5		251	189.5	50	527
CP6-6300- 700-4	301	164.5	40	484	
CP6-6300- 700-5			50	553	
CP6-6200- 750-4	750	201	214.5	40	463
CP6-6200- 750-5				50	528
CP6-6250- 750-4		251	189.5	40	487
CP6-6250- 750-5				50	557
CP6-6300- 750-4		301	164.5	40	511
CP6-6300- 750-5				50	586
CP6-6200- 800-4	800	201	214.5	40	487
CP6-6200- 800-5				50	556
CP6-6250- 800-5		251	189.5	50	587
CP6-6300- 800-4				301	164.5
CP6-6300- 800-5		50	618		
CP6-6200- 850-4		850	201	214.5	40
CP6-6200- 850-5	50				583
CP6-6250- 850-4	251		189.5	40	538
CP6-6250- 850-5				50	617
CP6-6300- 850-4	301		164.5	40	566
CP6-6300- 850-5				50	651
CP6-6200- 900-4	900	201	214.5	40	533
CP6-6200- 900-5				50	611
CP6-6250- 900-4		251	189.5	40	563
CP6-6250- 900-5				50	647
CP6-6300- 900-4		301	164.5	40	593
CP6-6300- 900-5				50	683
CP6-6200- 950-4	950	201	214.5	40	556
CP6-6200- 950-5				50	639
CP6-6250- 950-4		251	189.5	40	588
CP6-6250- 950-5				50	677
CP6-6300- 950-4		301	164.5	40	620
CP6-6300- 950-5				50	716
CP6-6200-1000-4	1000	201	214.5	40	580
CP6-6200-1000-5				50	667
CP6-6250-1000-4		251	189.5	40	614
CP6-6250-1000-5				50	708
CP6-6300-1000-4		301	164.5	40	647
CP6-6300-1000-5				50	748

Eye bolts are included.

**Feature:**

Also available in custom designs on request.

**Note:**

These blocks are non-stock items.

**CP6 -8\*\*\*\_\*\*\*\_\*(for 800mm pallets)**

Part Number	A	C (±0.2)	K (±0.2)	L	Weight (kg)
CP6-8250- 800-5	800	251	274.5	50	793
CP6-8350- 800-5					856
CP6-8400- 800-5					888
CP6-8250- 850-5	850	251	274.5	50	831
CP6-8300- 850-5					865
CP6-8350- 850-5					900
CP6-8400- 850-5	900	401	199.5	50	935
CP6-8250- 900-5					869
CP6-8300- 900-5					906
CP6-8350- 900-5	900	351	224.5	50	944
CP6-8400- 900-5					982
CP6-8250- 950-5					907
CP6-8300- 950-5	950	251	274.5	50	947
CP6-8350- 950-5					988
CP6-8400- 950-5					1,028
CP6-8250-1000-5	1000	251	274.5	50	945
CP6-8300-1000-5					988
CP6-8350-1000-5					1,032
CP6-8400-1000-5	1000	401	199.5	50	1,075
CP6-8250-1050-5					983
CP6-8300-1050-5					1,029
CP6-8350-1050-5	1050	351	224.5	50	1,076
CP6-8400-1050-5					1,122
CP6-8250-1100-5					1,021
CP6-8300-1100-5	1100	251	274.5	50	1,070
CP6-8350-1100-5					1,119
CP6-8400-1100-5					1,169
CP6-8250-1150-5	1150	251	274.5	50	1,059
CP6-8300-1150-5					1,111
CP6-8350-1150-5					1,163
CP6-8400-1150-5	1150	401	199.5	50	1,216
CP6-8250-1200-5					1,097
CP6-8300-1200-5					1,152
CP6-8350-1200-5	1200	351	224.5	50	1,207
CP6-8400-1200-5					1,262

# CP6

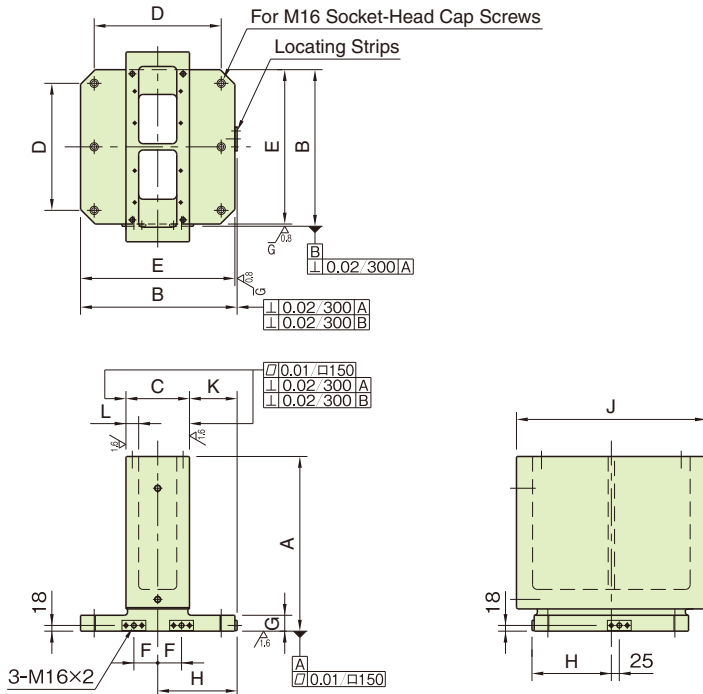
## TWO-SIDED BLANK BLOCKS, WIDE FACE

**⚠** Each face is precision ground with 0.5mm-deep finishing allowance for extra face finish to your specifications.



Also available with DIN mounting capability or in other specified designs on request.

Material : FC300 cast iron  
 Annealed  
 Precision machined



**CP6 -4\*\*\*-\*\*\*-\***

**CP6 -5\*\*\*-\*\*\*-\***

Series	Pallet Size	B	D	E	F	G	H	No. of MTP Holes
<b>CP6-4***-***-*</b>	□400	393	320	386	55	50	200	4
<b>CP6-5***-***-*</b>	□500	493	400	486	75		250	6

**CP6 -4\*\*\*-\*\*\*-\*(for 400mm pallets)**

Part Number	A	C (±0.2)	J	K (±0.2)	L	Weight (kg)	
CP6-4150-500S-4	500	151	450	124.5	40	195	
CP6-4200-500S-4				40	209		
CP6-4200-500S-5				50	237		
CP6-4250-500S-4		251	550	74.5	40	224	
CP6-4250-500S-5				50	256		
CP6-4150-500W-4		600	151	450	124.5	40	220
CP6-4200-500W-4					40	238	
CP6-4200-500W-5			201	550	99.5	50	272
CP6-4250-500W-4					40	256	
CP6-4250-500W-5			251	74.5	50	293	
CP6-4150-600S-4	700				151	450	124.5
CP6-4200-600S-4		40	244				
CP6-4200-600S-5		50	279				
CP6-4250-600S-4		251	550	74.5	40	263	
CP6-4250-600S-5				50	302		
CP6-4150-600W-4		600	151	450	124.5	40	260
CP6-4200-600W-4					40	279	
CP6-4200-600W-5			201	550	99.5	50	321
CP6-4250-600W-4					40	300	
CP6-4250-600W-5			251	74.5	50	346	
CP6-4150-700S-4	700				151	450	124.5
CP6-4200-700S-4		40	279				
CP6-4200-700S-5		50	321				
CP6-4250-700S-4		251	550	74.5	40	302	
CP6-4250-700S-5				50	348		
CP6-4150-700W-4		600	151	450	124.5	40	295
CP6-4200-700W-4					40	320	
CP6-4200-700W-5			201	550	99.5	50	370
CP6-4250-700W-4					40	345	
CP6-4250-700W-5			251	74.5	50	399	

Eye bolts are included.

**Feature:**

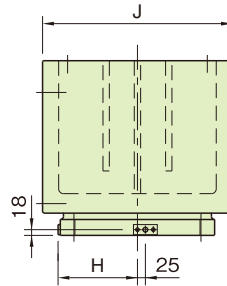
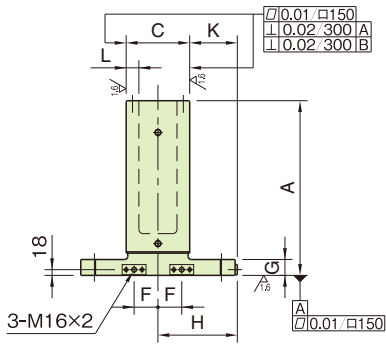
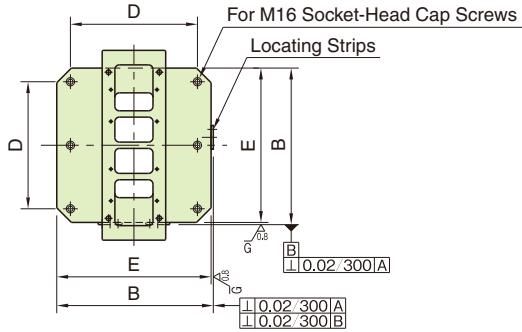
Also available in custom designs on request.

**Note:**

These blocks are non-stock items.

**CP6 -5\*\*\*-\*\*\*-\*(for 500mm pallets)**

Part Number	A	C (±0.2)	J	K (±0.2)	L	Weight (kg)		
CP6-5200-600S-4	600	201	650	149.5	40	345		
CP6-5200-600S-5				50	394			
CP6-5250-600S-4				251	750	124.5	40	367
CP6-5250-600S-5		50	420					
CP6-5200-600W-4		700	201	750	149.5	40	380	
CP6-5200-600W-5					50	437		
CP6-5250-600W-4			251	650	124.5	40	404	
CP6-5250-600W-5					50	464		
CP6-5200-700S-4			800	201	650	149.5	40	391
CP6-5200-700S-5						50	451	
CP6-5250-700S-4	251	750				124.5	40	417
CP6-5250-700S-5				50	481			
CP6-5200-700W-4	700	201		750	149.5	40	433	
CP6-5200-700W-5					50	500		
CP6-5250-700W-4		251		650	124.5	40	460	
CP6-5250-700W-5					50	532		
CP6-5200-800S-4		900		201	650	149.5	40	438
CP6-5200-800S-5						50	507	
CP6-5250-800S-4	251		750			124.5	40	468
CP6-5250-800S-5				50	542			
CP6-5200-800W-4	700		201	750	149.5	40	485	
CP6-5200-800W-5					50	564		
CP6-5250-800W-4			251	650	124.5	40	517	
CP6-5250-800W-5					50	600		
CP6-5200-900S-4			900	201	650	149.5	40	485
CP6-5200-900S-5						50	563	
CP6-5250-900S-4	251	750				124.5	40	518
CP6-5250-900S-5				50	602			
CP6-5200-900W-4	700	201		750	149.5	40	538	
CP6-5200-900W-5					50	628		
CP6-5250-900W-4		251		650	124.5	40	573	
CP6-5250-900W-5					50	668		



**CP6** -6\*\*\*.\*\*\*.\*

**CP6** -8\*\*\*.\*\*\*.\*

Series	Pallet size	B	D	E	F	G	H	No. of MTP Holes
<b>CP6-6***.***.*</b>	□630	623	500	616	100	55	315	6
<b>CP6-8***.***.*</b>	□800	793	640	786	135	60	400	

**CP6 -6\*\*\*-\*\*\*-(for 630mm pallets)**

Part Number	A	C (±0.2)	J	K (±0.2)	L	Weight (kg)
CP6-6250-700S-5		251		189.5		637
CP6-6300-700S-5		301	800	164.5		674
CP6-6350-700S-5		351		139.5		711
CP6-6250-700W-5	700	251		189.5	50	688
CP6-6300-700W-5		301	900	164.5		727
CP6-6350-700W-5		351		139.5		766
CP6-6250-800S-5		251		189.5		713
CP6-6300-800S-5		301	800	164.5		756
CP6-6350-800S-5		351		139.5		799
CP6-6250-800W-5	800	251		189.5	50	771
CP6-6300-800W-5		301	900	164.5		817
CP6-6350-800W-5		351		139.5		861
CP6-6250-900S-5		251		189.5		789
CP6-6300-900S-5		301	800	164.5		838
CP6-6350-900S-5		351		139.5		887
CP6-6250-900W-5	900	251		189.5	50	854
CP6-6300-900W-5		301	900	164.5		906
CP6-6350-900W-5		351		139.5		956
CP6-6250-100S-5		251		189.5		865
CP6-6300-100S-5		301	800	164.5		920
CP6-6350-100S-5		351		139.5		974
CP6-6250-100W-5	1000	251		189.5	50	938
CP6-6300-100W-5		301	900	164.5		995
CP6-6350-100W-5		351		139.5		1.051

Eye bolts are included.

**Feature:**

Also available in custom designs on request.

**Note:**

These blocks are non-stock items.

**CP6 -8\*\*\*-\*\*\*-(for 800mm pallets)**

Part Number	A	C (±0.2)	J	K (±0.2)	L	Weight (kg)
CP6-8250-800S-5		251		274.5		915
CP6-8300-800S-5		301		249.5		962
CP6-8350-800S-5		351	950	224.5		1,009
CP6-8400-800S-5		401		199.5		1,055
CP6-8250-800W-5	800	251		274.5	50	1,002
CP6-8300-800W-5		301		249.5		1,052
CP6-8350-800W-5		351	1100	224.5		1,101
CP6-8400-800W-5		401		199.5		1,151
CP6-8250-900S-5		251		274.5		1,005
CP6-8300-900S-5		301		249.5		1,059
CP6-8350-900S-5		351	950	224.5		1,113
CP6-8400-900S-5		401		199.5		1,167
CP6-8250-900W-5	900	251		274.5	50	1,103
CP6-8300-900W-5		301		249.5		1,160
CP6-8350-900W-5		351	1100	224.5		1,216
CP6-8400-900W-5		401		199.5		1,273
CP6-8250-100S-5		251		274.5		1,096
CP6-8300-100S-5		301		249.5		1,156
CP6-8350-100S-5		351	950	224.5		1,217
CP6-8400-100S-5		401		199.5		1,278
CP6-8250-100W-5	1000	251		274.5	50	1,205
CP6-8300-100W-5		301		249.5		1,268
CP6-8350-100W-5		351	1100	224.5		1,331
CP6-8400-100W-5		401		199.5		1,395
CP6-8250-110S-5		251		274.5		1,186
CP6-8300-110S-5		301		249.5		1,254
CP6-8350-110S-5		351	950	224.5		1,321
CP6-8400-110S-5		401		199.5		1,389
CP6-8250-110W-5	1100	251		274.5	50	1,306
CP6-8300-110W-5		301		249.5		1,376
CP6-8350-110W-5		351	1100	224.5		1,447
CP6-8400-110W-5		401		199.5		1,517
CP6-8250-120S-5		251		274.5		1,276
CP6-8300-120S-5		301		249.5		1,351
CP6-8350-120S-5		351	950	224.5		1,425
CP6-8400-120S-5		401		199.5		1,500
CP6-8250-120W-5	1200	251		274.5	50	1,407
CP6-8300-120W-5		301		249.5		1,484
CP6-8350-120W-5		351	1100	224.5		1,562
CP6-8400-120W-5		401		199.5		1,639

# BJ060 / 061

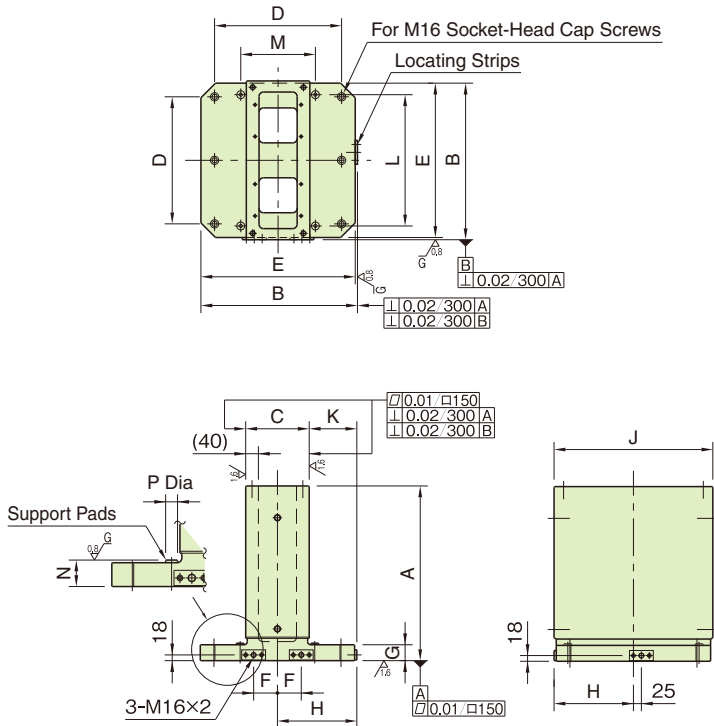
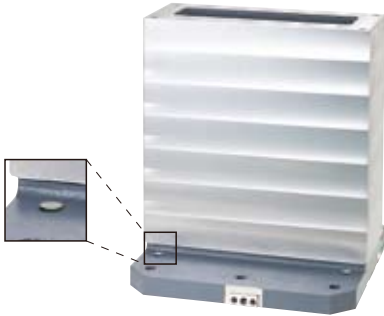
# TWO-SIDED QUICK-FIXTURE-CHANGE BLOCKS



**⚠** Each face is finished to tight tolerances with 0.5mm-deep finishing allowance for extra face finish to your specifications.

Also available with DIN mounting capability or in other specified designs on request.

Material : FC300 cast iron  
 Annealed  
 Precision machined

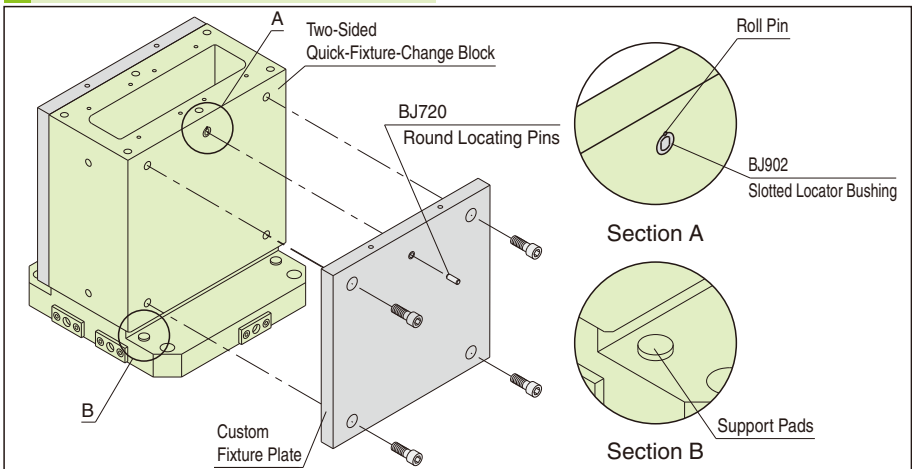


Part Number	Pallet Size	A	B	C (±0.2)	D	E	F	G	H	J	K (±0.2)
<b>BJ060-4015F-00</b>	□400	450	393	151	320	386	55	50	200	400	124.5
<b>BJ060-5020F-00</b>	□500	550	493	201	400	486	75		250	500	149.5
<b>BJ060-6325F-00</b>	□630	700	623	251	500	616	100	55	315	630	189.5
<b>BJ060-8030F-00</b>	□800	800	793	301	640	786	135	60	400	800	249.5
<b>BJ061-4015F-00</b>	□400	550	393	151	320	386	55	50	200	400	124.5
<b>BJ061-5020F-00</b>	□500	650	493	201	400	486	75		250	500	149.5
<b>BJ061-6325F-00</b>	□630	800	623	251	500	616	100	55	315	630	189.5

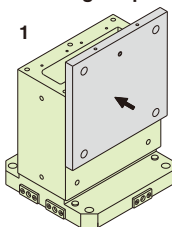
Part Number	L	M	N (±0.02)	P	No. of MTP Holes	Weight (kg)
<b>BJ060-4015F-00</b>	320	185	55	25	4	158
<b>BJ060-5020F-00</b>	400	235				257
<b>BJ060-6325F-00</b>	540	290	60	30	6	487
<b>BJ060-8030F-00</b>	700	340	65			707
<b>BJ061-4015F-00</b>	320	185	55	25	4	188
<b>BJ061-5020F-00</b>	400	235				303
<b>BJ061-6325F-00</b>	540	290	60	30	6	537

Eye Bolts are included

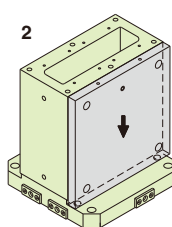
### How To Use



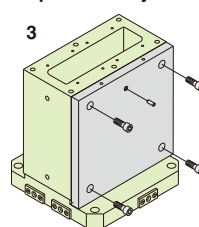
Following the procedure below allows locating fixture plates easily and quickly.



Fit a fixture plate to a face.



Slide the fixture plate down to the support pads.



Insert a BJ720 Round Locating Pin through the fixture plate into an embedded Slotted Locator Bushing and then fasten the fixture plate using cap screws.

# BJ065

# TWO-SIDED FRAME PLATES



Also available with DIN mounting capability or in other specified designs on request.

**[Body]**

Material : FC300 cast iron  
 Annealed  
 Precision machined

**[Alignment Bushing]**

Material : SUJ2 steel

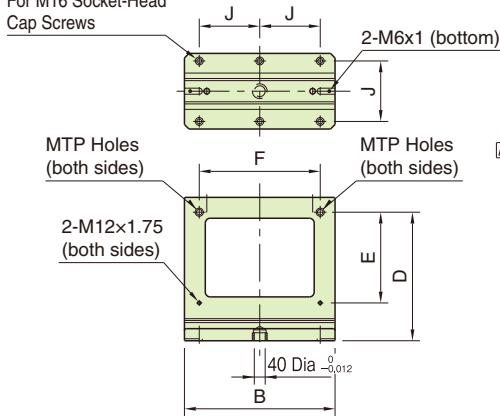
Heat treat : Quenched and tempered

**[Threaded Insert]**

Material : S45C steel

Finish : Nitrocarburized

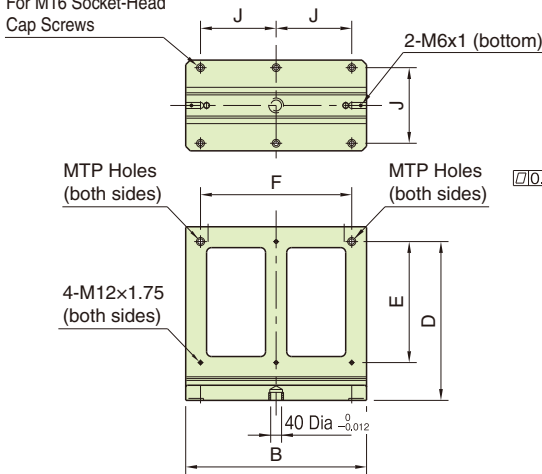
For M16 Socket-Head Cap Screws



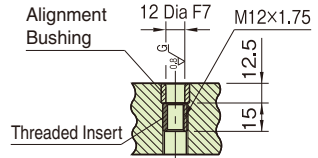
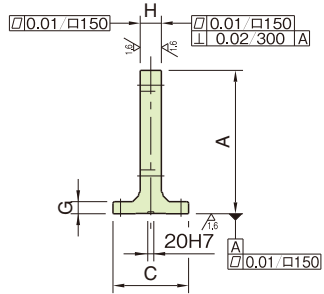
**BJ065 -3040-12**

**BJ065 -4050-12**

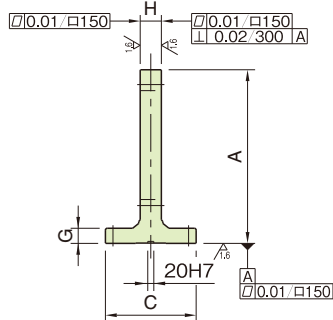
For M16 Socket-Head Cap Screws



**BJ065 -5060-12**



**MTP Hole**



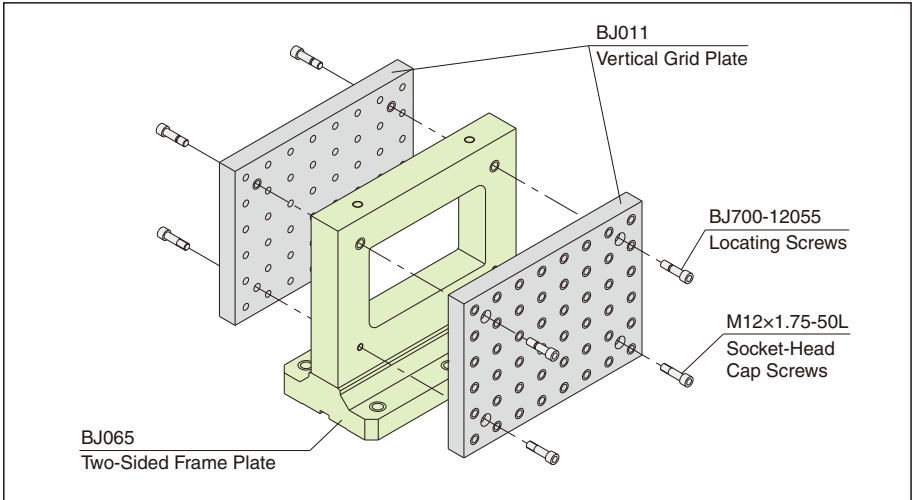
Part Number	Pallet Size	A	B	C	D (±0.04)	E	F (±0.02)	G	H (±0.04)	J	Weight (kg)
<b>BJ065-3040-12</b>	□400	374	398	250	325	200	300	40	60	160	64
<b>BJ065-4050-12</b>	□500	474	498	250	425	300	400		70	200	100
<b>BJ065-5060-12</b>	□630	574	598	300	525	400	500	50		250	153

Eye bolts are included.

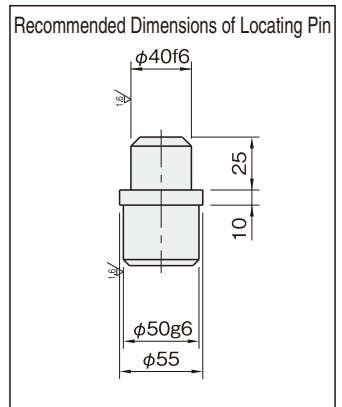
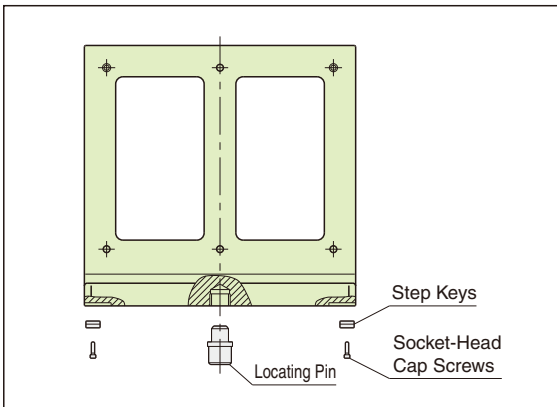
**Note:**

When using BJ065-3040-12 Two-Sided Frame Plates, mount only one BJ011-3040-12 Vertical Grid Plate on either face.

**How To Use**



Locate Vertical Grid Plates using BJ700 Locating Screws at the top corners.



Prepare a locating pin as specified above.

# BJ070/BJ071(Standard&Heavy) FOUR-SIDED GRID BLOCKS

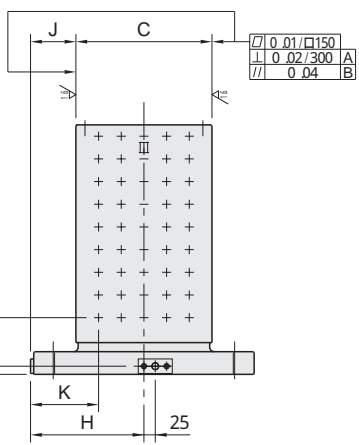
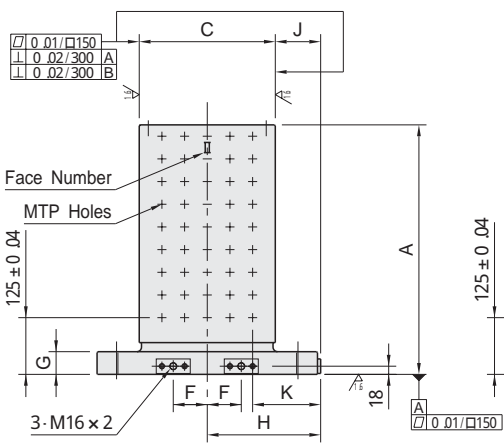
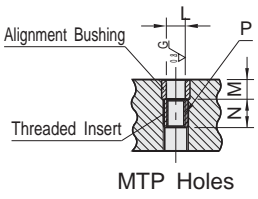
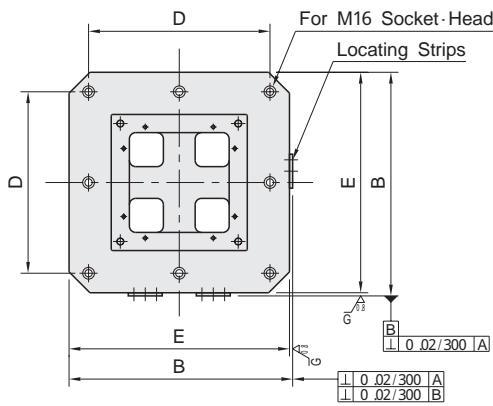


[Body]  
Material:FC300 cast iron  
Annealed  
Precision machined

[Alignment Bushing]  
Material:S45C steel  
Heat treated

[Threaded Insert]  
Material:S45C steel  
Nitrocarburized

Also available with DIN mounting capability or in other specified designs on request.



Part Number	Pallet Size	A	B	C ( $\pm 0.04$ )	D	E	F	G	H	J ( $\pm 0.04$ )	K ( $\pm 0.04$ )
<b>BJ070-4025-12</b>	400	450	393	250	320	386	55	50	200	75	125
<b>BJ070-4025-16</b>											
<b>BJ070-5030-12</b>	500	550	493	300	400	486	75	50	250	100	150
<b>BJ070-5030-16</b>											
<b>BJ070-6335-12</b>	630	700	623	350	500	616	100	55	315	140	190
<b>BJ070-6335-16</b>											
<b>BJ070-8050-12</b>	800	800	793	500	640	786	135	60	400	150	200
<b>BJ070-8050-16</b>											
<b>BJ071-4025-12</b>	400	550	393	250	320	386	55	50	200	75	125
<b>BJ071-4025-16</b>											
<b>BJ071-5030-12</b>	500	650	493	300	400	486	75	50	250	100	150
<b>BJ071-5030-16</b>											
<b>BJ071-6335-12</b>	630	800	623	350	500	616	100	55	315	140	190
<b>BJ071-6335-16</b>											

Part Number	L (F7)	M	N	P	No. of MTP Holes	No. of Mounting Holes	Weight (kg)
<b>BJ070-4025-12</b>	12	12.5	15	M12 x 1.75	112	4	149
<b>BJ070-4025-16</b>	16	16.5	18	M16 x 2			148
<b>BJ070-5030-12</b>	12	12.5	15	M12 x 1.75	180	8	232
<b>BJ070-5030-16</b>	16	16.5	18	M16 x 2			229
<b>BJ070-6335-12</b>	12	12.5	15	M12 x 1.75	288	8	381
<b>BJ070-6335-16</b>	16	16.5	18	M16 x 2			377
<b>BJ070-8050-12</b>	12	12.5	15	M12 x 1.75	504	8	627
<b>BJ070-8050-16</b>	16	16.5	18	M16 x 2			613
<b>BJ071-4025-12</b>	12	12.5	15	M12 x 1.75	144	4	172
<b>BJ071-4025-16</b>	16	16.5	18	M16 x 2			170
<b>BJ071-5030-12</b>	12	12.5	15	M12 x 1.75	220	8	262
<b>BJ071-5030-16</b>	16	16.5	18	M16 x 2			258
<b>BJ071-6335-12</b>	12	12.5	15	M12 x 1.75	336	8	418
<b>BJ071-6335-16</b>	16	16.5	18	M16 x 2			411

- MTP-hole protection plugs and eye bolts are included.
- Every MTP hole is marked with an address number and letter.
- MTP holes spacing :  $50 \pm 0.02\text{mm}$

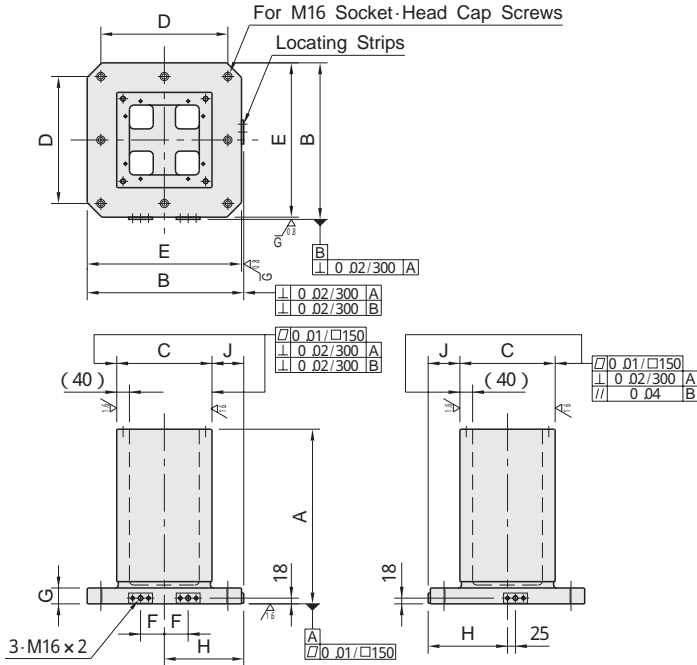
# BJ070/BJ071

# FOUR-SIDED BLANK BLOCKS



Also available with DIN mounting capability or in other specified designs on request.

Material:FC300 cast iron  
Annealed  
Precision machined



Part Number	Pallet Size	A	B	C (±0.2)	D	E	F	G	H	J (±0.2)	No. of Mounting Holes	Weight (kg)
<b>BJ070-4025-00</b>	400	450	393	251	320	386	55	50	200	74.5	4	149
<b>BJ070-5030-00</b>	500	550	493	301	400	486	75	50	250	99.5	8	237
<b>BJ070-6335-00</b>	630	700	623	351	500	616	100	55	315	139.5	8	389
<b>BJ070-8050-00</b>	800	800	793	501	640	786	135	60	400	149.5	8	655
<b>BJ071-4025-00</b>	400	550	393	251	320	386	55	50	200	74.5	4	176
<b>BJ071-5030-00</b>	500	650	493	301	400	486	75	50	250	99.5	8	268
<b>BJ071-6335-00</b>	630	800	623	351	500	616	100	55	315	139.5	8	434

- Eye bolts are included.
- Custom blocks are available on request.

Modular Fixture Bases  
Blank Fixture Bases  
Quick-Change Fixture Bases  
Standard Fixture Parts  
Modular Fixture Parts  
One-Touch Clamps

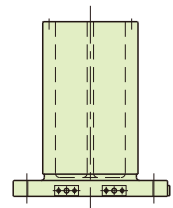
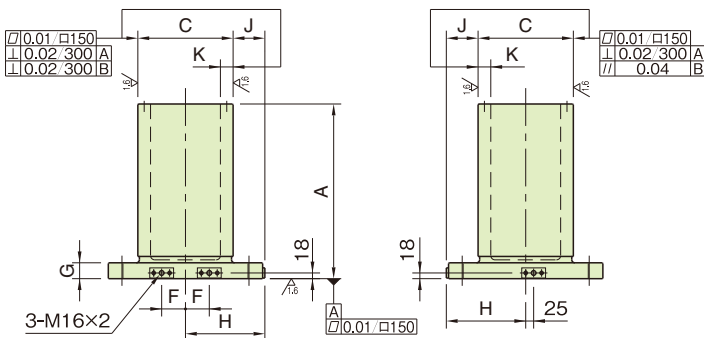
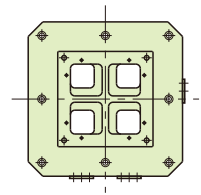
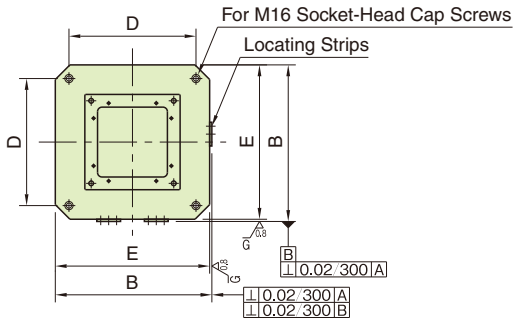
# CP7

## FOUR-SIDED BLANK BLOCKS, WIDE FACE

**⚠** Each face is precision ground with 0.5mm-deep finishing allowance for extra face finish to your specifications.

Also available with DIN mounting capability or in other specified designs on request.

Material : FC300 cast iron  
Annealed  
Precision machined



**CP7 -4\*\*\*-\*\*\*-\***

**CP7 -5\*\*\*-\*\*\*-\***

Series	Pallet Size	B	D	E	F	G	H	No. of MTP Holes
CP7-4***-***-*	□400	393	320	386	55	50	200	4
CP7-5***-***-*	□500	493	400	486	75		250	8

**CP7 -4\*\*\*-\*\*\*-(for 400mm pallets)**

Part Number	A	C (±0.2)	J (±0.2)	K	Weight (kg)
CP7-4200-450-4	450	201	99.5	40	128
CP7-4200-450-5				50	141
CP7-4225-450-4		226	87	40	140
CP7-4225-450-5				50	156
CP7-4250-450-5				251	74.5
CP7-4200-500-4	500	201	99.5	40	137
CP7-4200-500-5				50	152
CP7-4225-500-4		226	87	40	151
CP7-4225-500-5				50	168
CP7-4250-500-4				251	74.5
CP7-4250-500-5	50	185			
CP7-4200-550-4	550	201	99.5	40	147
CP7-4200-550-5				50	163
CP7-4225-550-4		226	87	40	162
CP7-4225-550-5				50	181
CP7-4250-550-5				251	74.5
CP7-4200-600-4	600	201	99.5	40	156
CP7-4200-600-5				50	174
CP7-4225-600-4		226	87	40	173
CP7-4225-600-5				50	194
CP7-4250-600-4				251	74.5
CP7-4250-600-5	50	215			
CP7-4200-650-4	650	201	99.5	40	166
CP7-4200-650-5				50	185
CP7-4225-650-4		226	87	40	184
CP7-4225-650-5				50	207
CP7-4250-650-4				251	74.5
CP7-4250-650-5	50	229			
CP7-4200-700-4	700	201	99.5	40	175
CP7-4200-700-5				50	196
CP7-4225-700-4		226	87	40	194
CP7-4225-700-5				50	220
CP7-4250-700-4				251	74.5
CP7-4250-700-5	50	244			

Eye bolts are included.

**Features:**

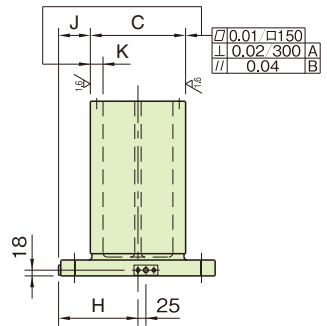
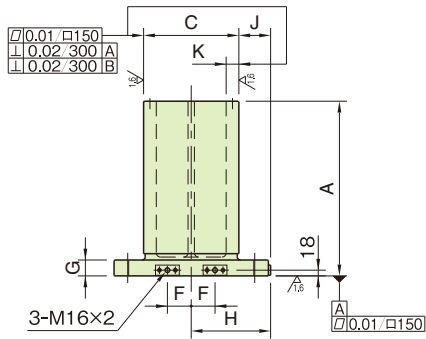
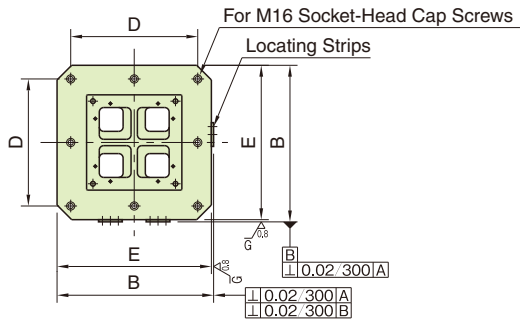
Available in many sizes for each pallet size.  
Also available in custom designs on request.

**Note:**

These blocks are non-stock items.

**CP7 -5\*\*\*-\*\*\*-(for 500m pallets)**

Part Number	A	C (±0.2)	J (±0.2)	K	Weight (kg)		
CP7-5250-600-4	600	251	124.5	40	244		
CP7-5250-600-5				50	267		
CP7-5300-600-4		301	99.5	40	278		
CP7-5300-600-5				50	310		
CP7-5350-600-4				351	74.5	40	312
CP7-5350-600-5	50	353					
CP7-5250-650-4	650	251	124.5	40	259		
CP7-5250-650-5				50	283		
CP7-5300-650-5		301	99.5	50	331		
CP7-5350-650-4				351	74.5	40	334
CP7-5350-650-5				50	379		
CP7-5250-700-4	700	251	124.5	40	274		
CP7-5250-700-5				50	300		
CP7-5300-700-4		301	99.5	40	315		
CP7-5300-700-5				50	352		
CP7-5350-700-4				351	74.5	40	356
CP7-5350-700-5	50	404					
CP7-5250-750-4	750	251	124.5	40	288		
CP7-5250-750-5				50	317		
CP7-5300-750-4		301	99.5	40	333		
CP7-5300-750-5				50	373		
CP7-5350-750-4				351	74.5	40	378
CP7-5350-750-5	50	429					
CP7-5250-800-4	800	251	124.5	40	303		
CP7-5250-800-5				50	334		
CP7-5300-800-4		301	99.5	40	351		
CP7-5300-800-5				50	395		
CP7-5350-800-4				351	74.5	40	400
CP7-5350-800-5	50	455					
CP7-5250-850-4	850	251	124.5	40	318		
CP7-5250-850-5				50	350		
CP7-5300-850-4		301	99.5	40	370		
CP7-5300-850-5				50	416		
CP7-5350-850-4				351	74.5	40	422
CP7-5350-850-5	50	480					
CP7-5250-900-4	900	251	124.5	40	333		
CP7-5250-900-5				50	367		
CP7-5300-900-4		301	99.5	40	388		
CP7-5300-900-5				50	437		
CP7-5350-900-4				351	74.5	40	444
CP7-5350-900-5	50	506					



**CP7** -6\*\*\*.\*\*\*.\*

**CP7** -8\*\*\*.\*\*\*.\*

Series	Pallet size	B	D	E	F	G	H	No. of MTP Holes
<b>CP7-6***.***.*</b>	$\square 630$	623	500	616	100	55	315	8
<b>CP7-8***.***.*</b>	$\square 800$	793	640	786	135	60	400	

**CP7 -6\*\*\*-\*\*\*\*(for 630mm pallets)**

Part Number	A	C (±0.2)	J (±0.2)	K	Weight (kg)	
CP7-6300-700-4	700	301	164.5	40	395	
CP7-6300-700-5				50	429	
CP7-6350-700-5		351	139.5	50	477	
CP7-6400-700-4		401	114.5	40	472	
CP7-6400-700-5				50	529	
CP7-6450-700-4		451	89.5	40	511	
CP7-6450-700-5				50	578	
CP7-6300-750-4		750	301	164.5	40	414
CP7-6300-750-5					50	451
CP7-6350-750-4			351	139.5	40	453
CP7-6350-750-5	50				504	
CP7-6400-750-4	401		114.5	40	499	
CP7-6400-750-5				50	560	
CP7-6450-750-4	451		89.5	40	541	
CP7-6450-750-5				50	613	
CP7-6300-800-4	800		301	164.5	40	433
CP7-6300-800-5					50	473
CP7-6350-800-5		351	139.5	50	530	
CP7-6400-800-4		401	114.5	40	525	
CP7-6400-800-5				50	591	
CP7-6450-800-4		451	89.5	40	572	
CP7-6450-800-5				50	649	
CP7-6300-850-4		850	301	164.5	40	452
CP7-6300-850-5					50	494
CP7-6350-850-4			351	139.5	40	499
CP7-6350-850-5	50				556	
CP7-6400-850-4	401		114.5	40	552	
CP7-6400-850-5				50	622	
CP7-6450-850-4	451		89.5	40	602	
CP7-6450-850-5				50	684	
CP7-6300-900-4	900		301	164.5	40	471
CP7-6300-900-5					50	516
CP7-6350-900-4		351	139.5	40	522	
CP7-6350-900-5				50	582	
CP7-6400-900-4		401	114.5	40	579	
CP7-6400-900-5				50	653	
CP7-6450-900-4		451	89.5	40	633	
CP7-6450-900-5				50	719	
CP7-6350-950-4		950	351	139.5	40	545
CP7-6350-950-5					50	609
CP7-6400-950-4	401		114.5	40	605	
CP7-6400-950-5				50	683	
CP7-6450-950-4	451		89.5	40	663	
CP7-6450-950-5				50	755	
CP7-6350-1000-4	1000		351	139.5	40	567
CP7-6350-1000-5					50	635
CP7-6400-1000-4			401	114.5	40	632
CP7-6400-1000-5					50	714
CP7-6450-1000-4		451	89.5	40	693	
CP7-6450-1000-5				50	790	

**CP7 -8\*\*\*-\*\*\*\*(for 800mm pallets)**

Part Number	A	C (±0.2)	J (±0.2)	K	Weight (kg)
CP7-8400-800-5	800	401	199.5	50	711
CP7-8450-800-5		451	174.5		772
CP7-8550-800-5		551	124.5		887
CP7-8400-850-5	850	401	199.5	50	743
CP7-8450-850-5		451	174.5		809
CP7-8500-850-5		501	149.5		872
CP7-8550-850-5		551	124.5		934
CP7-8400-900-5		401	199.5		775
CP7-8450-900-5	900	451	174.5	50	845
CP7-8500-900-5		501	149.5		913
CP7-8550-900-5		551	124.5		980
CP7-8400-950-5	950	401	199.5	50	807
CP7-8450-950-5		451	174.5		882
CP7-8500-950-5		501	149.5		955
CP7-8550-950-5	551	124.5	1,026		
CP7-8400-1000-5	1000	401	199.5	50	839
CP7-8450-1000-5		451	174.5		919
CP7-8500-1000-5		501	149.5		996
CP7-8550-1000-5	551	124.5	1,072		
CP7-8400-1050-5	1050	401	199.5	50	871
CP7-8450-1050-5		451	174.5		955
CP7-8500-1050-5		501	149.5		1,038
CP7-8550-1050-5	551	124.5	1,118		
CP7-8400-1100-5	1100	401	199.5	50	903
CP7-8450-1100-5		451	174.5		992
CP7-8500-1100-5		501	149.5		1,079
CP7-8550-1100-5	551	124.5	1,164		
CP7-8400-1150-5	1150	401	199.5	50	934
CP7-8450-1150-5		451	174.5		1,028
CP7-8500-1150-5		501	149.5		1,120
CP7-8550-1150-5	551	124.5	1,210		
CP7-8400-1200-5	1200	401	199.5	50	966
CP7-8450-1200-5		451	174.5		1,065
CP7-8500-1200-5		501	149.5		1,162
CP7-8550-1200-5	551	124.5	1,256		

Eye bolts are included.

**Features:**

Available in many sizes for each pallet size.  
Also available in custom designs on request.

**Note:**

These blocks are non-stock items.

# CP7

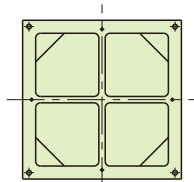
# FOUR-SIDED BLANK BLOCKS, WIDE FACE



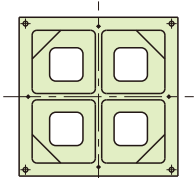
**⚠** Each face is precision ground with 0.5mm-deep finishing allowance for extra face finish to your specifications.

Also available with DIN mounting capability or in other specified designs on request.

Material : FC300 cast iron  
 Annealed  
 Precision machined



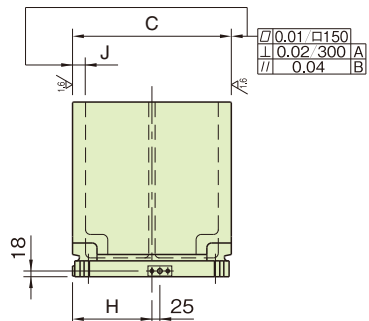
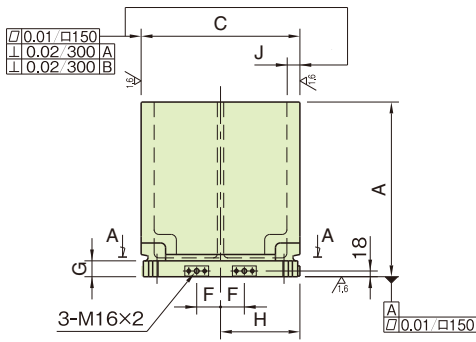
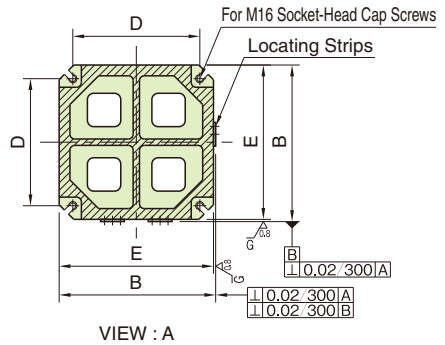
CP7 -4\*\*\*-\*\*\*\_\*



CP7 -5\*\*\*-\*\*\*\_\*

CP7 -6\*\*\*-\*\*\*\_\*

CP7 -8\*\*\*-\*\*\*\_\*



Part Number	Pallet Size	A	B	C (±0.2)	D	E	F	G	H	J	No. of MTP Holes	Weight (kg)									
CP7-4400- 450-4	□400	450	393	401	320	386	55	50	200	40	4	261									
CP7-4400- 450-5										50		292									
CP7-4400- 500-4		500								40		286									
CP7-4400- 500-5										50		321									
CP7-4400- 550-4		550								40		312									
CP7-4400- 550-5										50		351									
CP7-4400- 600-4		600								40		337									
CP7-4400- 600-5										50		381									
CP7-4400- 650-4		650								40		363									
CP7-4400- 650-5										50		411									
CP7-4400- 700-4		700								40		389									
CP7-4400- 700-5										50		440									
CP7-5500- 550-4	□500	550	493	501	400	486	75	50	250	40	4	399									
CP7-5500- 550-5										50		452									
CP7-5500- 600-4		600								40		432									
CP7-5500- 600-5										50		491									
CP7-5500- 650-4		650								40		465									
CP7-5500- 650-5										50		529									
CP7-5500- 700-4		700								40		498									
CP7-5500- 700-5										50		568									
CP7-5500- 750-4		750								40		531									
CP7-5500- 750-5										50		606									
CP7-5500- 800-4		800								40		564									
CP7-5500- 800-5										50		645									
CP7-5500- 850-4		850								40		596									
CP7-5500- 850-5										50		683									
CP7-5500- 900-4		900								40		629									
CP7-5500- 900-5										50		722									
CP7-6630- 700-5		□630								700		623	631	500	616	100	55	315	50	4	793
CP7-6630- 750-5										750											844
CP7-6630- 800-5	800		896																		
CP7-6630- 850-5	850		948																		
CP7-6630- 900-5	900		1,000																		
CP7-6630- 950-5	950		1,052																		
CP7-6630-1000-5	1000		1,103																		
CP7-8800- 800-5	□800	800	793	801	640	786	135	60	400	50	4	1,222									
CP7-8800- 900-5		900										1,362									
CP7-8800-1000-5		1000										1,501									
CP7-8800-1100-5		1100										1,641									
CP7-8800-1200-5		1200										1,781									

Eye bolts are included.

**Features:**

Available in many sizes for each pallet size.  
Also available in custom designs on request.

**Note:**

These blocks are non-stock items.

# CP7

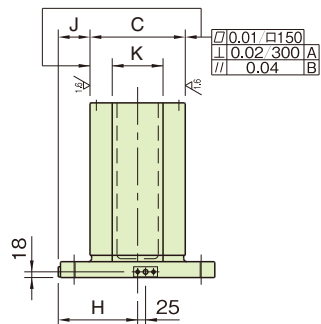
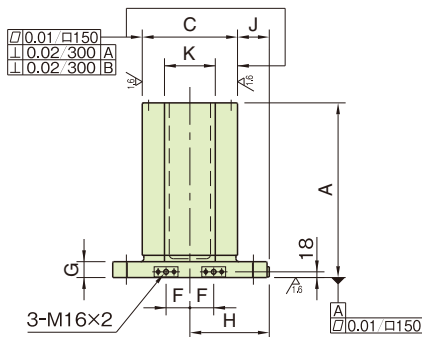
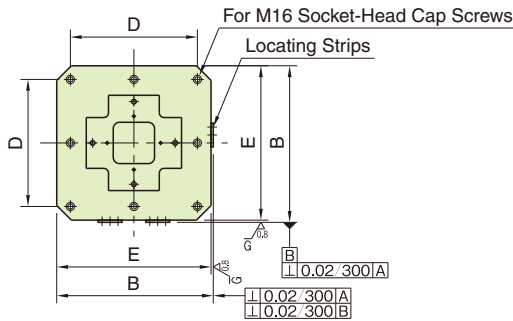
# FOUR-SIDED BLANK BLOCKS, CROSS STYLE



**⚠** Each face is precision ground with 0.5mm-deep finishing allowance for extra face finish to your specifications.

Also available with DIN mounting capability or in other specified designs on request.

Material : FC300 cast iron  
 Annealed  
 Precision machined



Series	Pallet size	B	D	E	F	G	H	No. of MTP Holes
CP7-4***.***	□400	393	320	386	55	50	200	4
CP7-5***.***	□500	493	400	486	75		250	
CP7-6***.***	□630	623	500	616	100	55	315	8
CP7-8***.***	□800	793	640	786	135	60	400	

**CP7 -4\*\*\*-\*\*\*-(for 400mm pallets)**

Part Number	A	C (±0.2)	J (±0.2)	K	Weight (kg)
CP7-4250-450-10	450	251	74.5	100	152
CP7-4250-450-15				150	159
CP7-4300-450-10		301	49.5	100	180
CP7-4300-450-15				150	202
CP7-4250-500-10	500	251	74.5	100	164
CP7-4250-500-15				150	172
CP7-4300-500-10		301	49.5	100	196
CP7-4300-500-15				150	220
CP7-4250-600-10	600	251	74.5	100	189
CP7-4250-600-15				150	198
CP7-4300-600-10		301	49.5	100	229
CP7-4300-600-15				150	257
CP7-4250-700-10	700	251	74.5	100	214
CP7-4250-700-15				150	225
CP7-4300-700-10		301	49.5	100	261
CP7-4300-700-15				150	295

**CP7 -5\*\*\*-\*\*\*-(for 500mm pallets)**

Part Number	A	C (±0.2)	J (±0.2)	K	Weight (kg)
CP7-5300-500-12	500	301	99.5	120	247
CP7-5300-500-20				200	254
CP7-5350-500-12		351	74.5	120	286
CP7-5350-500-20				200	319
CP7-5300-600-12	600	301	99.5	120	284
CP7-5300-600-20				200	292
CP7-5350-600-12		351	74.5	120	331
CP7-5350-600-20				200	371
CP7-5300-700-12	700	301	99.5	120	320
CP7-5300-700-20				200	330
CP7-5350-700-12		351	74.5	120	376
CP7-5350-700-20				200	423
CP7-5300-800-12	800	301	99.5	120	357
CP7-5300-800-20				200	368
CP7-5350-800-12		351	74.5	120	421
CP7-5350-800-20				200	475
CP7-5300-900-12	900	301	99.5	120	393
CP7-5300-900-20				200	406
CP7-5350-900-12		351	74.5	120	466
CP7-5350-900-20				200	527

Eye bolts are included.

**Features:**

Available in many sizes for each pallet size.  
Also available in custom designs on request.

**Note:**

These blocks are non-stock items.

**CP7 -6\*\*\*-\*\*\*-(for 630mm pallets)**

Part Number	A	C (±0.2)	J (±0.2)	K	Weight (kg)
CP7-6350-700-15	700	351	139.5	150	481
CP7-6350-700-25				250	475
CP7-6400-700-15		401	114.5	150	552
CP7-6400-700-25				250	593
CP7-6450-700-15	800	451	89.5	150	621
CP7-6450-700-25				250	708
CP7-6350-800-15		351	139.5	150	533
CP7-6350-800-25				250	526
CP7-6400-800-15	401	114.5	150	615	
CP7-6400-800-25			250	662	
CP7-6450-800-15	900	451	89.5	150	695
CP7-6450-800-25				250	795
CP7-6350-900-15		351	139.5	150	585
CP7-6350-900-25				250	576
CP7-6400-900-15	401	114.5	150	678	
CP7-6400-900-25			250	731	
CP7-6450-900-15	1000	451	89.5	150	768
CP7-6450-900-25				250	882
CP7-6350-100-15		351	139.5	150	637
CP7-6350-100-25				250	627
CP7-6400-100-15	401	114.5	150	741	
CP7-6400-100-25			250	799	
CP7-6450-100-15	451	89.5	150	842	
CP7-6450-100-25			250	968	

**CP7 -8\*\*\*-\*\*\*-(for 800mm pallets)**

Part Number	A	C (±0.2)	J (±0.2)	K	Weight (kg)
CP7-8450-800-20	800	451	174.5	200	897
CP7-8450-800-30				300	901
CP7-8580-800-20		581	109.5	200	1,176
CP7-8580-800-30				300	1,319
CP7-8450-900-20	900	451	174.5	200	983
CP7-8450-900-30				300	987
CP7-8580-900-20		581	109.5	200	1,300
CP7-8580-900-30				300	1,462
CP7-8450-100-20	1000	451	174.5	200	1,070
CP7-8450-100-30				300	1,074
CP7-8580-100-20		581	109.5	200	1,424
CP7-8580-100-30				300	1,605
CP7-8450-110-20	1100	451	174.5	200	1,156
CP7-8450-110-30				300	1,160
CP7-8580-110-20		581	109.5	200	1,548
CP7-8580-110-30				300	1,748
CP7-8450-120-20	1200	451	174.5	200	1,242
CP7-8450-120-30				300	1,247
CP7-8580-120-20		581	109.5	200	1,672
CP7-8580-120-30				300	1,891

# BJ070 / 071

# FOUR-SIDED QUICK-FIXTURE-CHANGE BLOCKS

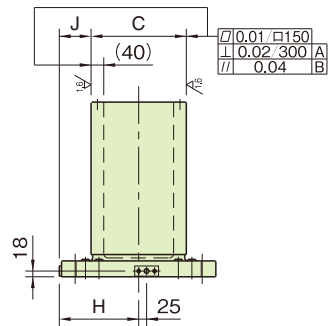
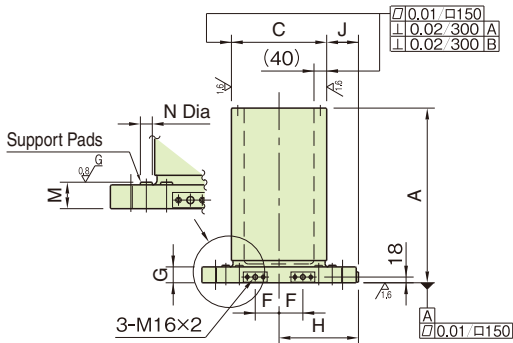
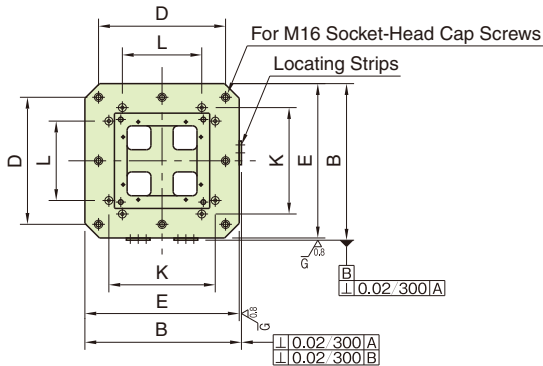


**⚠** Each face is finished to tight tolerances with 0.5mm-deep finishing allowance for extra face finish to your specifications.

Also available with DIN mounting capability or in other specified designs on request.



Material : FC300 cast iron  
 Annealed  
 Precision machined

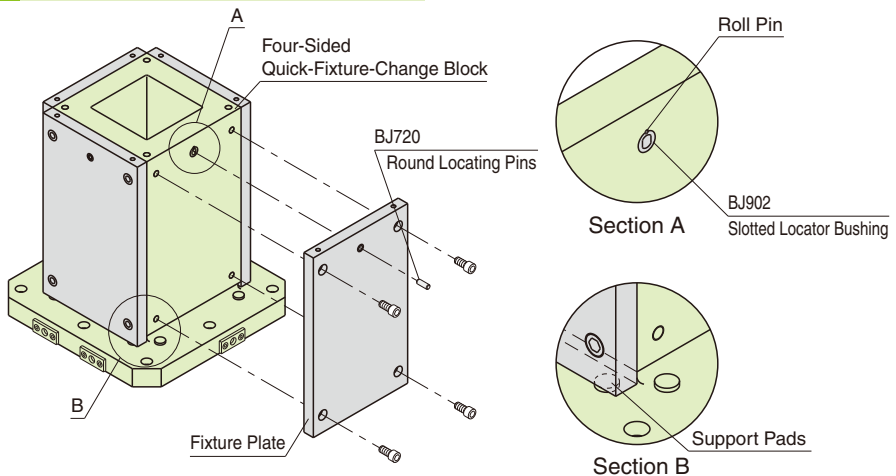


Part Number	Pallet Size	A	B	C (±0.2)	D	E	F	G	H	J (±0.2)	K
BJ070-4025F-00	400	450	393	251	320	386	55	50	200	74.5	285
BJ070-5030F-00	500	550	493	301	400	486	75		250	99.5	335
BJ070-6335F-00	630	700	623	351	500	616	100	55	315	139.5	390
BJ070-8050F-00	800	800	793	501	640	786	135	60	400	149.5	540
BJ071-4025F-00	400	550	393	251	320	386	55	50	200	74.5	285
BJ071-5030F-00	500	650	493	301	400	486	75		250	99.5	335
BJ071-6335F-00	630	800	623	351	500	616	100	55	315	139.5	390

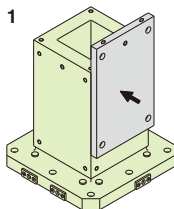
Part Number	L	M (±0.02)	N	No. of MTP Holes	Weight (kg)
BJ070-4025F-00	200	55	25	4	149
BJ070-5030F-00	250			8	237
BJ070-6335F-00	300	60	30	8	389
BJ070-8050F-00	450	65			655
BJ071-4025F-00	200	55	25	4	176
BJ071-5030F-00	250			8	268
BJ071-6335F-00	300	60	30	8	434

Eye bolts are included.

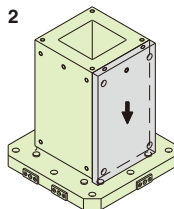
### How To Use



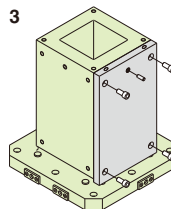
Following the procedure below allows locating fixture plates easily and quickly.



Fit a fixture plate to a face.



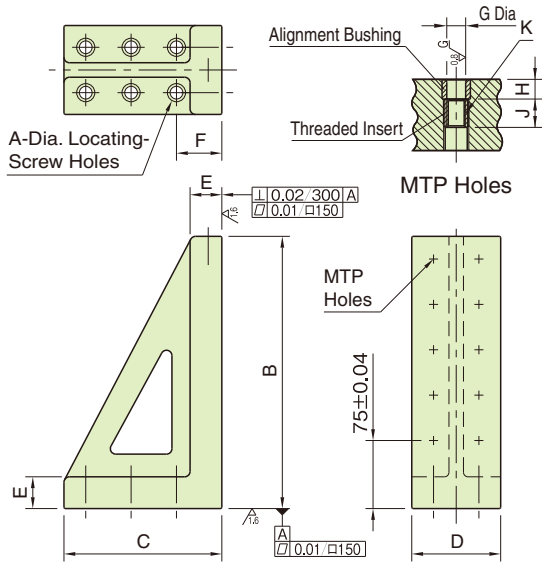
Slide the fixture plate down to the support pads.



Insert a BJ720 Round Locating Pin through the fixture plate into an embedded Slotted Locator Bushing and then fasten the fixture plate using cap screws.

# BJ080 (Standard & Heavy)

# ANGLE BLOCKS



[Body]  
 Material : FC300 cast iron  
 Annealed  
 Precision machined

[Alignment Bushing]  
 Material : SUJ2 steel  
 Heat treat : Quenched and tempered

[Threaded Inserts]  
 Material : S45C steel  
 Finish : Nitrocarburized

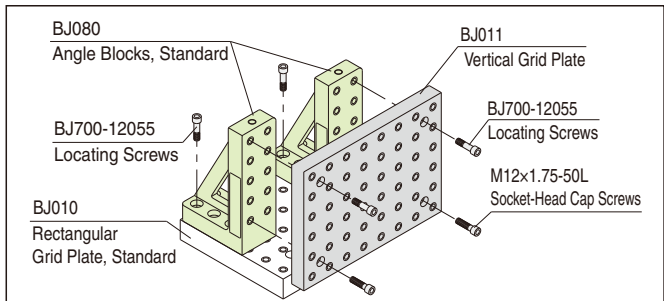
Part Number	A (F7)	B	C	D	E	F (±0.04)	G (F7)	H	J	K	No. of MTP Holes	No. of Mounting Holes	Proper Locating Screws	Weight (kg)
BJ080-1030-12		300	174	98	35	50	12	12.5	15	M12x1.75	10	6	BJ700-12055	12
BJ080-1040-12	12	400	224								14	8		17
BJ080-1050-12		500	274								18	10		23
BJ080-1030-16		300	179	40	55	16	16.5	18	M16x2	10	6	BJ700-16075	13	
BJ080-1040-16	16	400	229							14	8		19	
BJ080-1050-16		500	279							18	10		25	

MTP-hole protection plugs and eye bolts are included.

## How To Use

### Feature:

MTP Holes Spacing : 50mm±0.02



Use BJ700 Locating Screws for locating on a tooling plate or block.

# BJ081(Standard & Heavy)

# ANGLE BLOCKS



**[Body]**

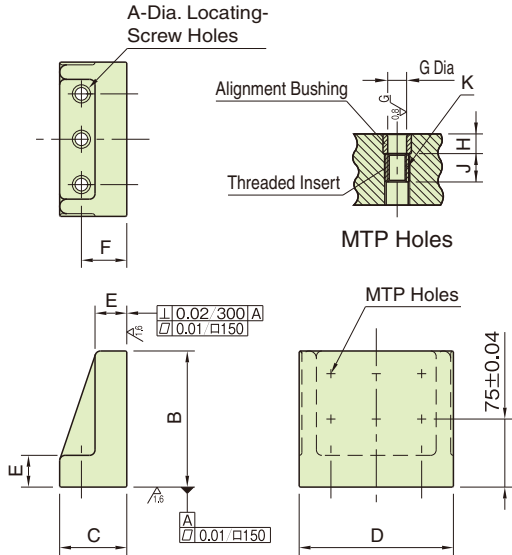
Material : FC300 cast iron  
 Annealed  
 Precision machined

**[Alignment Bushing]**

Material : SUJ2 steel  
 Heat treat : Quenched and tempered

**[Threaded Inserts]**

Material : S45C steel  
 Finish : Nitrocarburized



Part Number	A (F7)	B	C	D	E	F (±0.04)	G (F7)	H	J	K
<b>BJ081-1715-12</b>	12	150	74	170	35	50	12	12.5	15	M12x1.75
<b>BJ081-1725-12</b>		250	124							
<b>BJ081-1760-12</b>		600	324							
<b>BJ081-1715-16</b>	16	150	79	170	40	55	16	16.5	18	M16x2
<b>BJ081-1725-16</b>		250	129							

Part Number	No. of MTP Holes	No. of Mounting Holes	Proper Locating Screws	Weight (kg)
<b>BJ081-1715-12</b>	6	3	BJ700-12055	8
<b>BJ081-1725-12</b>	12	4		14
<b>BJ081-1760-12</b>	33	12		52
<b>BJ081-1715-16</b>	6	3	BJ700-16075	9
<b>BJ081-1725-16</b>	12	4		16

MTP-hole protection plugs and eye bolts are included.

**Feature:**

MTP Holes Spacing : 50mm±0.02

**How To Use**

Use BJ700 Locating Screws for locating on a tooling plate or block.

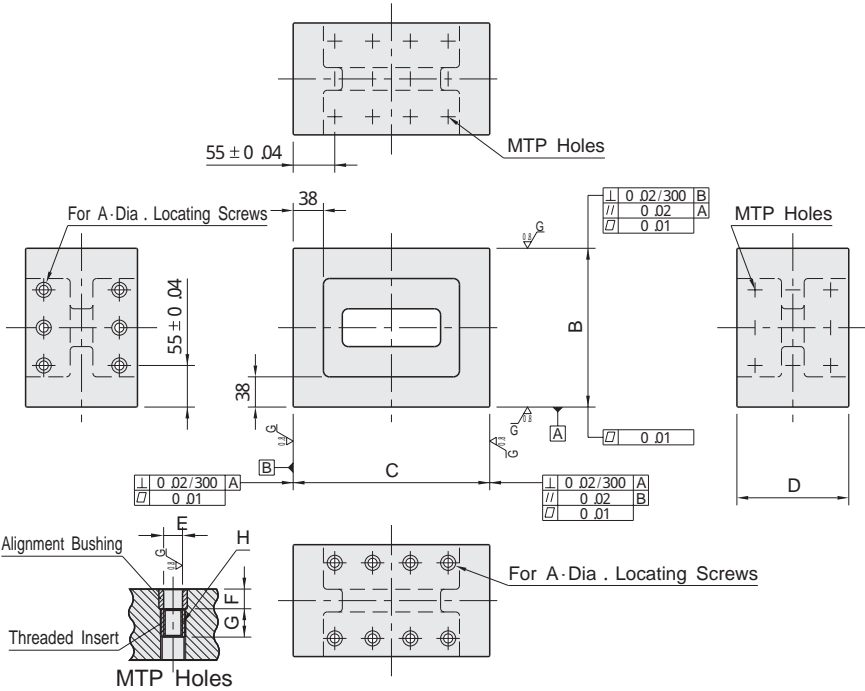
# BJ090(Standard&Heavy) RISER BLOCKS



[Body]  
 Material:FC300 cast iron  
 Annealed  
 Precision ground

[Alignment Bushing]  
 Material:SUJ2 steel  
 Heat treated

[Threaded Insert]  
 Material:S45C steel  
 Nitrocarburized



Part Number	A (F7)	B ±0.02	C ±0.02	D	E (F7)	F	G	H	No. of MTP Holes	No. of Mounting Holes	Proper Locating Screws	Weight (kg)
<b>BJ090-1621-12</b>	12	160	210	148	12	12.5	15	M12x1.75	15	10	BJ700-12065	26
<b>BJ090-2126-12</b>		210	260						21	14		37
<b>BJ090-1621-16</b>	16	160	210	148	16	16.5	18	M16x2	15	10	BJ700-16075	25
<b>BJ090-2126-16</b>		210	260						21	14		36

- MTP-hole protection plugs and eye bolts are included.
- Locate on a tooling plate or block using BJ700 Locating Screws.
- MTP holes spacing : 50 ± 0.02mm

## BJ092

## RISER BLOCKS (Rough-finish Machined)

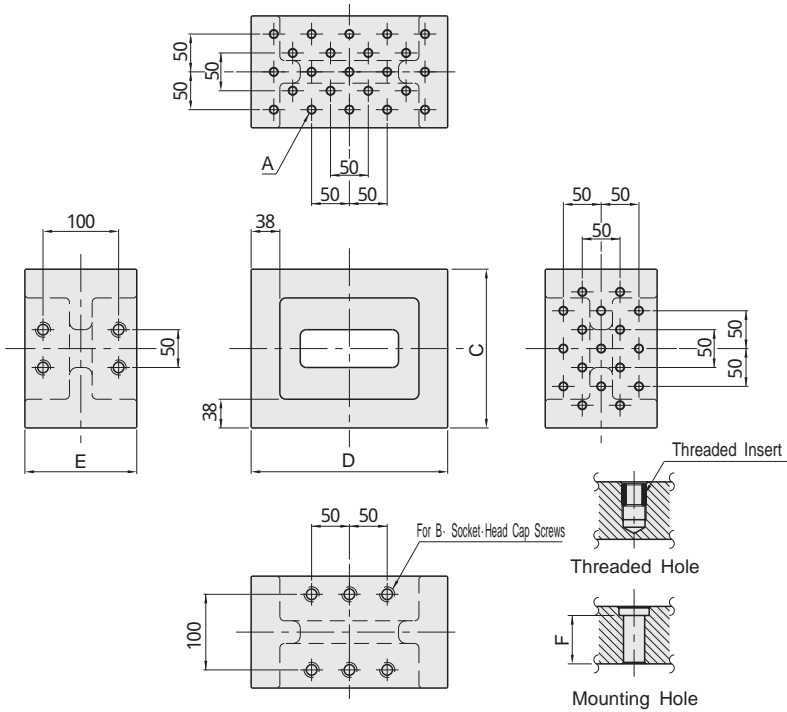


## [Body]

Material:FC300 cast iron  
Annealed

## [Thread Insert]

Material:S45C steel  
Nitrocarburized



Part Number	A	B	C ( $+0.5$ $+0.2$ )	D ( $+0.5$ $+0.2$ )	E	F	No. of Threaded Holes	No. of Mounting Holes	Weight (kg)
<b>BJ092-1621-12</b>	M12 x 1.75	M12	160	210	148	32	30	8	26
<b>BJ092-2126-12</b>			210	260			40	10	37
<b>BJ092-1621-16</b>	M16 x 2	M16	160	210		35	30	8	25
<b>BJ092-2126-16</b>			210	260			40	10	36

- Use to raise a workpiece or a fixture component part.
- The work-clamping surfaces have some machining allowance left for grinding finish.

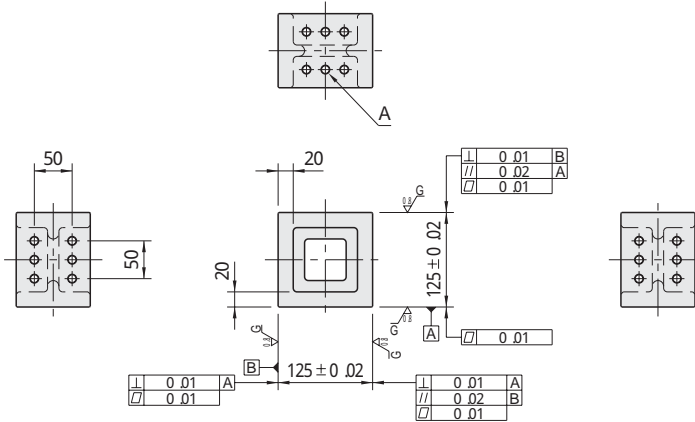
# BJ091(Standard&Heavy) COMPACT RISER BLOCKS



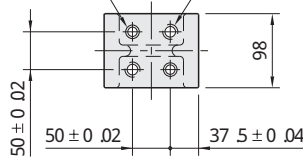
[Body]  
 Material:FC300 cast iron  
 Annealed  
 Precision ground

[Alignment Bushing]  
 Material:SUJ2 steel  
 Heat treated

[Threaded Insert]  
 Material:S45C steel  
 Nitrocarburized



For C·Dia . Locating Pins      For B· Socket·Head Cap Screws



Part Number	A	B	C (F7)	Weight (kg)
<b>BJ091-12125</b>	M12 x 1.75	M12	12	6.3
<b>BJ091-16125</b>	M16 x 2	M16	16	6.2

•Locate on a tooling plate or block using a round pin and a diamond pin.

Modular  
Fixture Bases

Blank  
Fixture Bases

Quick-Change  
Fixture Bases

Standard  
Fixture Parts

Modular  
Fixture Parts

One-Touch  
Clamps

# BJ770

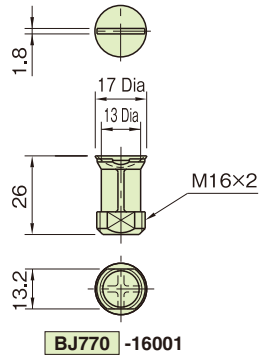
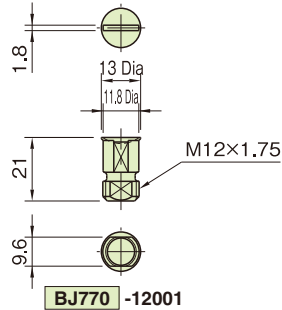
# PROTECTION PLUGS FOR MULTIPURPOSE HOLES



**BJ770 -12001**



**BJ770 -16001**



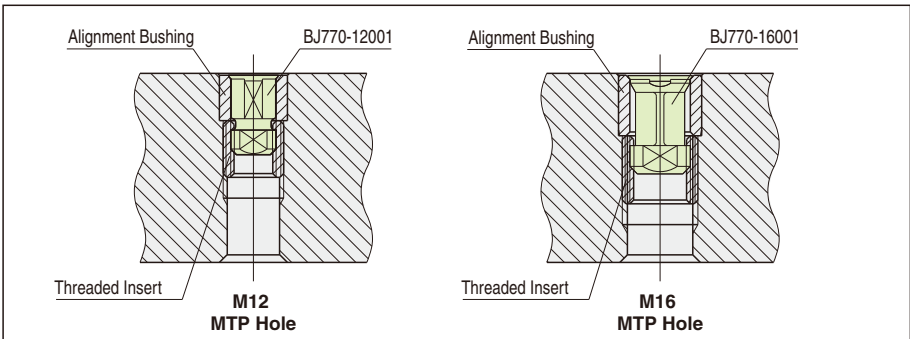
Material : Die-cast zinc alloy (ZDC2)

Part Number	Thread Size	Weight (g)
<b>BJ770-12001</b>	M12	15
<b>BJ770-16001</b>	M16	20

### Feature:

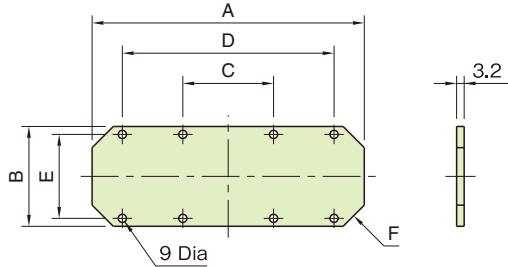
Perfect for keeping chips and dirt out of unused MTP holes.

### How To Use



# BJ960

## COVER PLATES FOR TWO-SIDED BLOCKS

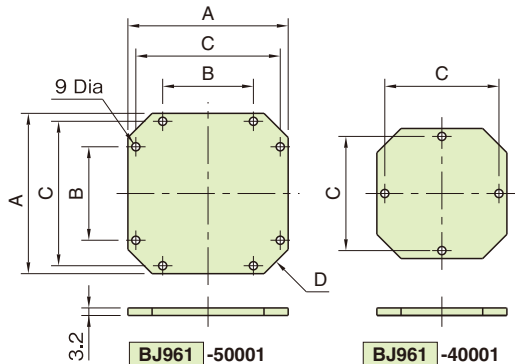


Material : SPCC steel  
Finish : Black oxide

Part Number	A	B	C	D	E	F	Two-Sided Blocks	Weight (kg)
<b>BJ960-40001</b>	350	115	60	250	95	25	<b>BJ060-4015, BJ061-4015</b>	0.8
<b>BJ960-50001</b>	450	165	150	350	145	35	<b>BJ060-5020, BJ061-5020</b>	1.5
<b>BJ960-60001</b>	560	215		450	195		<b>BJ060-6325, BJ061-6325</b>	2.4
<b>BJ960-80001</b>	730	245	250	550	225	40	<b>BJ060-8030</b>	3.6

# BJ961

## COVER PLATES FOR FOUR-SIDED BLOCKS



Material : SPCC steel  
Finish : Black oxide

**BJ961** -50001  
**BJ961** -60001  
**BJ961** -80001

**BJ961** -40001

Part Number	A	B	C	D	Four-Sided Blocks	Weight (kg)
<b>BJ961-40001</b>	215	-	195	40	<b>BJ070-4025, BJ071-4025</b>	0.9
<b>BJ961-50001</b>	265	150	245		<b>BJ070-5030, BJ071-5030</b>	1.4
<b>BJ961-60001</b>	315	200	295	45	<b>BJ070-6335, BJ071-6335</b>	2
<b>BJ961-80001</b>	445	250	425	40	<b>BJ070-8050</b>	4