HIGH STRENGTH ALUMINUM BASE SERIES

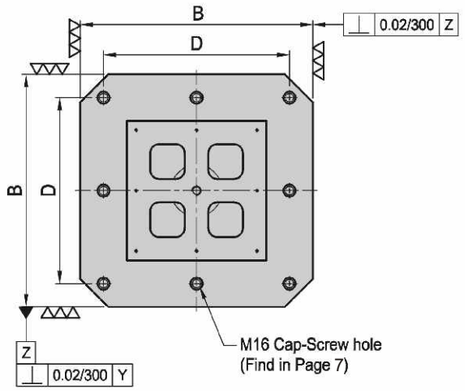
BPA07~BPA12

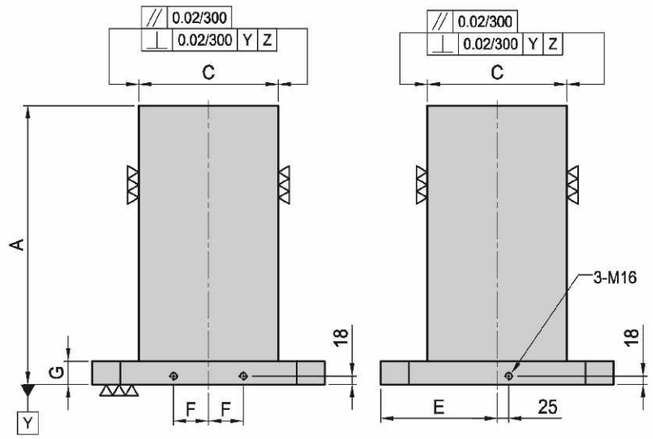
SQUARE TOOLING COLUMN DOUBLE SIDED TOOLING COLUMN

BPA07

SQUARE TOOLING COLUMN

- Material: High Strength Aluminum Casting.
- Application: Horizontal Machining Center.
- Features: Ready to accept a hole pattern for your special jig.
- Eye bolt & Top cover included.





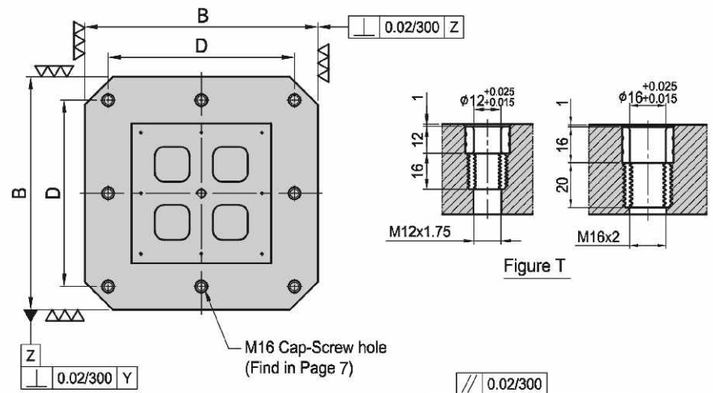
MODEL NO.	A	B	C	D	E	F	G	Mounting holes	kg
BPA07-400400-0500	500	400	250	320	200	55	40	4	56
BPA07-400400-0650	650								73
BPA07-500500-0600	600	500	300	400	250	75	40	8	91
BPA07-500500-0750	750								122
BPA07-630630-0700	700	630	350	500	315	100	50	8	129
BPA07-630630-0850	850								180
BPA07-800800-0800	800	800	500	640	400	135	50	8	215
BPA07-800800-1000	1000								312

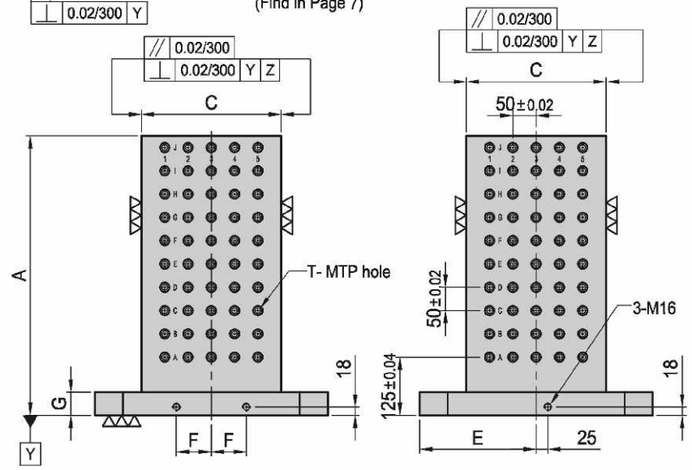
*Special Design Welcome !

BPA08

SQUARE TOOLING COLUMN

- Material: High Strength Aluminum Casting.
- Alignment bushing: SUJ2(JIS) / 100Cr6(DIN), heat treated
  Threaded Insert: S45C(JIS) / CK45(DIN), heat treated
  MTP hole spacing: 50±0.02
- Application: Horizontal Machining Center.
- Features: Alignment bushing & thread insert at every hole location, easily adapts to standardized jig components.
- Eye bolt & Top cover included.





MODEL NO.	A	B	C	D	E	F	G	T		MTP	Mount-ing holes	kg
BPA08-400400-0500-12	500	400	250	320	200	55	40	ϕ12	M12	128	4	54
BPA08-400400-0650-12	650									176		73
BPA08-500500-0600-12	600	500	300	400	250	75	40	ϕ12	M12	200	8	88
BPA08-500500-0750-12	750									260		122
BPA08-630630-0700-12	700	630	350	500	315	100	50	ϕ12	M12	288	8	126
BPA08-630630-0850-12	850									360		180
BPA08-800800-0800-12	800	800	500	640	400	135	50	ϕ12	M12	504	8	204
BPA08-800800-1000-12	1000									648		312

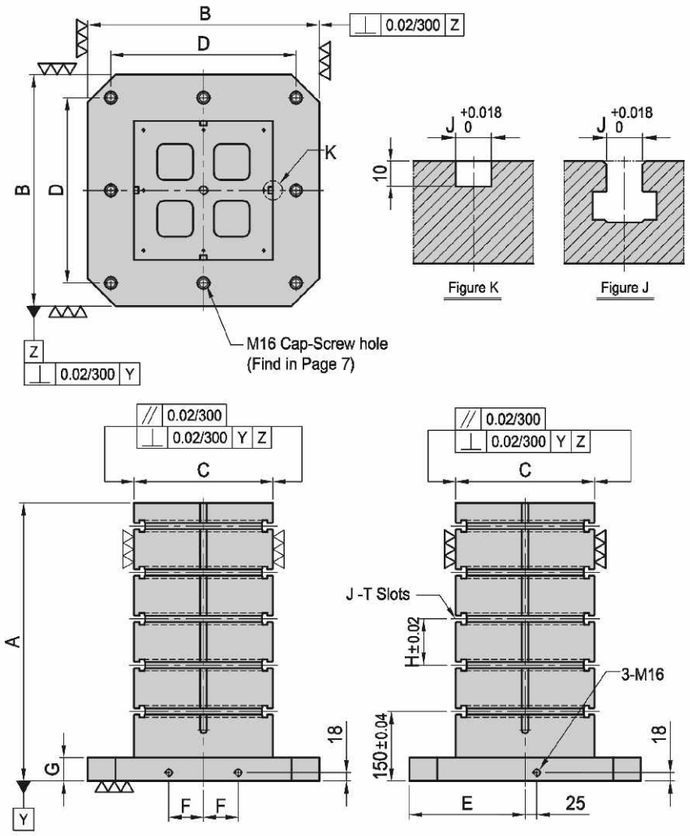
MODEL NO.	A	B	C	D	E	F	G	T		MTP	Mount-ing holes	kg
BPA08-400400-0500-16	500	400	250	320	200	55	40	ϕ16	M16	128	4	54
BPA08-400400-0650-16	650									176		73
BPA08-500500-0600-16	600	500	300	400	250	75	40	ϕ16	M16	200	8	88
BPA08-500500-0750-16	750									260		122
BPA08-630630-0700-16	700	630	350	500	315	100	50	ϕ16	M16	288	8	123
BPA08-630630-0850-16	850									360		180
BPA08-800800-0800-16	800	800	500	640	400	135	50	ϕ16	M16	504	8	201
BPA08-800800-1000-16	1000									648		312

*Special Design Welcome !

BPA09

SQUARE TOOLING COLUMN

- Material: High Strength Aluminum Casting.
- Application: Horizontal Machining Center.
- Features: T-Slots running horizontally, key-way running vertically, easily adapts to standardized jig components.
- Eye bolt & Top cover included.



MODEL NO.	A	B	C	D	E	F	G	H	J	Mount-ing holes	kg
BPA09-400400-0500-14	500	400	250	320	200	55	40	100	14	4	61
BPA09-400400-0650-14	650										84
BPA09-500500-0600-14	600	500	300	400	250	75	40	100	14	8	86
BPA09-500500-0750-14	750										127
BPA09-630630-0700-14	700	630	350	500	315	100	50	125	14	8	136
BPA09-630630-0850-14	850										183
BPA09-800800-0800-14	800	800	500	640	400	135	50	150	14	8	260
BPA09-800800-1000-14	1000										319

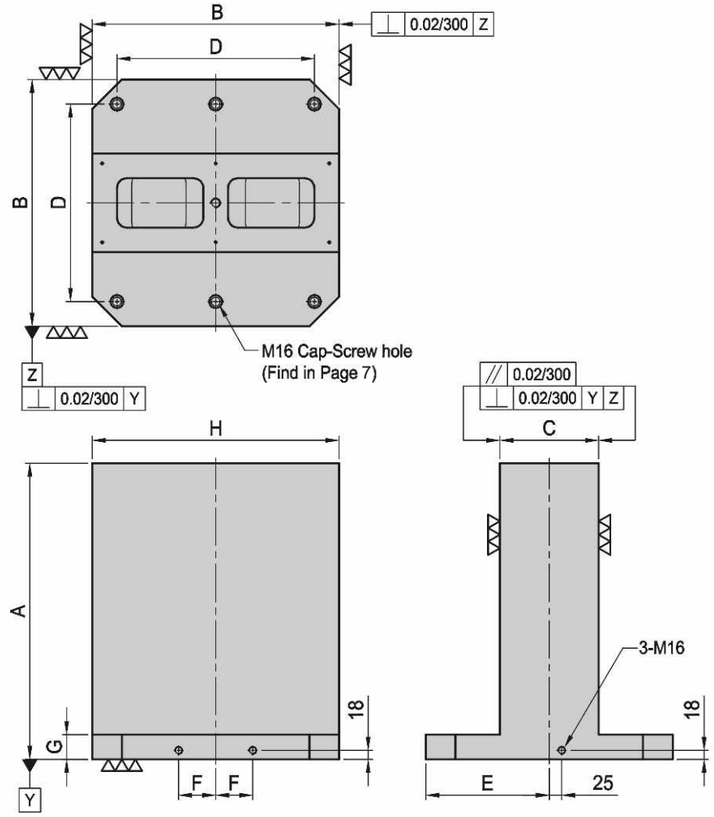
MODEL NO.	A	B	C	D	E	F	G	H	J	Mount-ing holes	kg
BPA09-400400-0500-18	500	400	250	320	200	55	40	100	18	4	60
BPA09-400400-0650-18	650										84
BPA09-500500-0600-18	600	500	300	400	250	75	40	100	18	8	85
BPA09-500500-0750-18	750										135
BPA09-630630-0700-18	700	630	350	500	315	100	50	125	18	8	135
BPA09-630630-0850-18	850										183
BPA09-800800-0800-18	800	800	500	640	400	135	50	150	18	8	254
BPA09-800800-1000-18	1000										319

*Special Design Welcome !

BPA10

DOUBLE SIDED TOOLING COLUMN

- Material: High Strength Aluminum Casting.
- Application: Horizontal Machining Center.
- Features: Ready to accept a hole pattern for your special jig.
- Eye bolt & Top cover included.



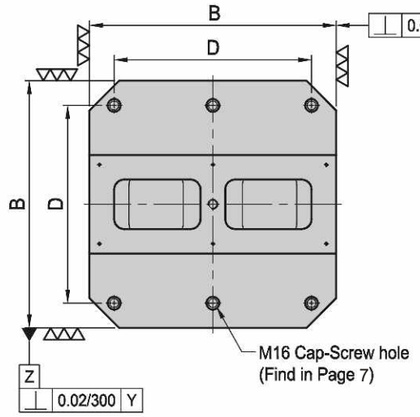
MODEL NO.	A	B	C	D	E	F	G	H	Mounting holes	kg
BPA10-400400-0500	500	400	150	320	200	55	40	400	4	62
BPA10-400400-0650	650									86
BPA10-500500-0600	600	500	200	400	250	75	40	500	6	96
BPA10-500500-0750	750									135
BPA10-630630-0700	700	630	250	500	315	100	50	630	6	176
BPA10-630630-0850	850									202
BPA10-800800-0800	800	800	300	640	400	135	50	800	6	217
BPA10-800800-1000	1000									318

*Special Design Welcome !

BPA11

DOUBLE SIDED TOOLING COLUMN

- Material: High Strength Aluminum Casting.
- Alignment Bushing: SUJ2(JIS) / 100Cr6 (DIN), heat treated
  Threaded Insert: S45C(JIS) / CK45(DIN), heat treated
  MTP hole spacing: 50±0.02
- Application: Horizontal Machining Center.
- Features: Alignment bushing & thread insert at every hole location, easily adapts to standardized jig components.
- Eye bolt & Top cover included.



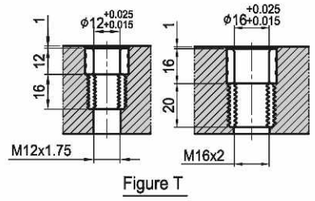
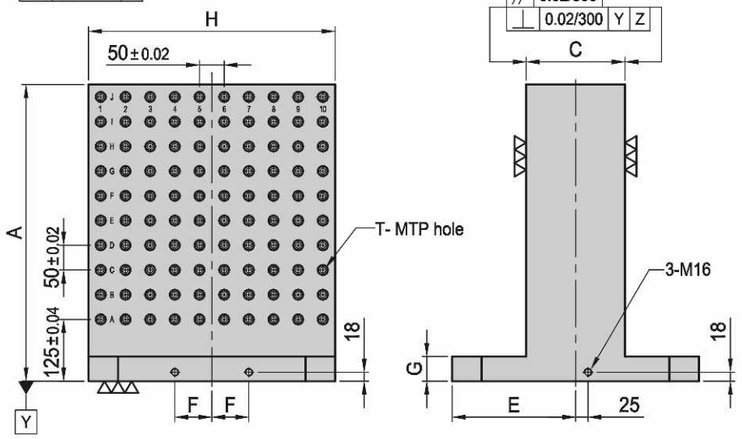


Figure T



MODEL NO.	A	B	C	D	E	F	G	H	T	MTP	Mount-ing holes	kg
BPA11-400400-0500-12	500	400	150	320	200	55	40	400	ϕ12 M12	128	4	56
BPA11-400400-0650-12	650									176		86
BPA11-500500-0600-12	600	500	200	400	250	75	40	500	ϕ12 M12	200	6	91
BPA11-500500-0750-12	750									260		135
BPA11-630630-0700-12	700	630	250	500	315	100	50	630	ϕ12 M12	288	6	154
BPA11-630630-0850-12	850									360		202
BPA11-800800-0800-12	800	800	300	640	400	135	50	800	ϕ12 M12	420	6	214
BPA11-800800-1000-12	1000									540		318

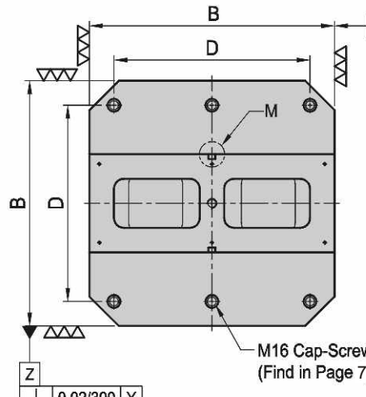
MODEL NO.	A	B	C	D	E	F	G	H	T	MTP	Mount-ing holes	kg
BPA11-400400-0500-16	500	400	150	320	200	55	40	400	ϕ16 M16	128	4	60
BPA11-400400-0650-16	650									176		86
BPA11-500500-0600-16	600	500	200	400	250	75	40	500	ϕ16 M16	200	6	103
BPA11-500500-0750-16	750									260		135
BPA11-630630-0700-16	700	630	250	500	315	100	50	630	ϕ16 M16	288	6	170
BPA11-630630-0850-16	850									360		202
BPA11-800800-0800-16	800	800	300	640	400	135	50	800	ϕ16 M16	420	6	210
BPA11-800800-1000-16	1000									540		318

*Special Design Welcome !

BPA12

DOUBLE SIDED TOOLING COLUMN

- Material: High Strength Aluminum Casting.
- Application: Horizontal Machining Center.
- Features: T-Slots running horizontally, key-way running vertically, easily adapts to standardized jig components.
- Eye bolt & Top cover included.



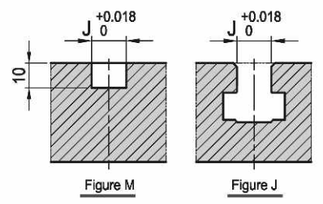
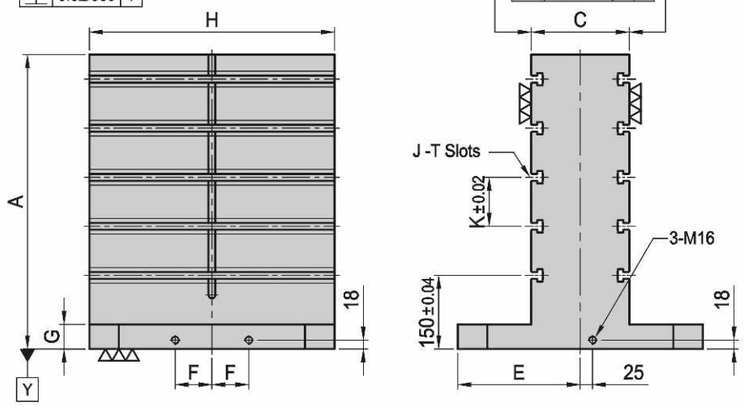


Figure M

Figure J



MODEL NO.	A	B	C	D	E	F	G	H	J	K	Mount-ing holes	kg
BPA12-400400-0500-14	500	400	150	320	200	55	40	400	14	100	4	60
BPA12-400400-0650-14	650											92
BPA12-500500-0600-14	600	500	200	400	250	75	40	500	14	100	6	87
BPA12-500500-0750-14	750											142
BPA12-630630-0700-14	700	630	250	500	315	100	50	630	14	125	6	165
BPA12-630630-0850-14	850											212
BPA12-800800-0800-14	800	800	300	640	400	135	50	800	14	150	6	243
BPA12-800800-1000-14	1000											325

MODEL NO.	A	B	C	D	E	F	G	H	J	K	Mount-ing holes	kg
BPA12-400400-0500-18	500	400	150	320	200	55	40	400	18	100	4	60
BPA12-400400-0650-18	650											92
BPA12-500500-0600-18	600	500	200	400	250	75	40	500	18	100	6	86
BPA12-500500-0750-18	750											142
BPA12-630630-0700-18	700	630	250	500	315	100	50	630	18	125	6	163
BPA12-630630-0850-18	850											212
BPA12-800800-0800-18	800	800	300	640	400	135	50	800	18	150	6	240
BPA12-800800-1000-18	1000											325

*Special Design Welcome !