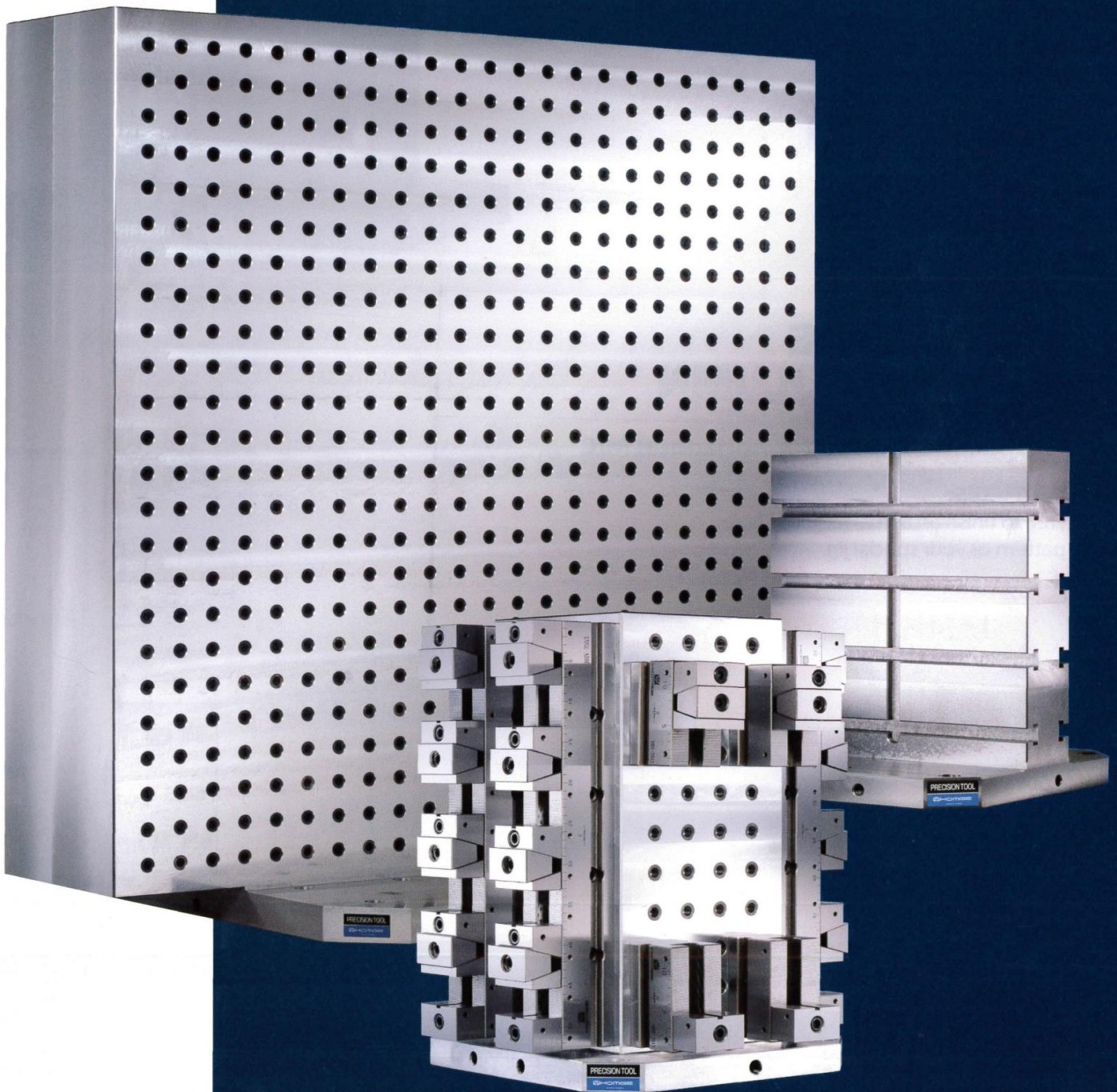




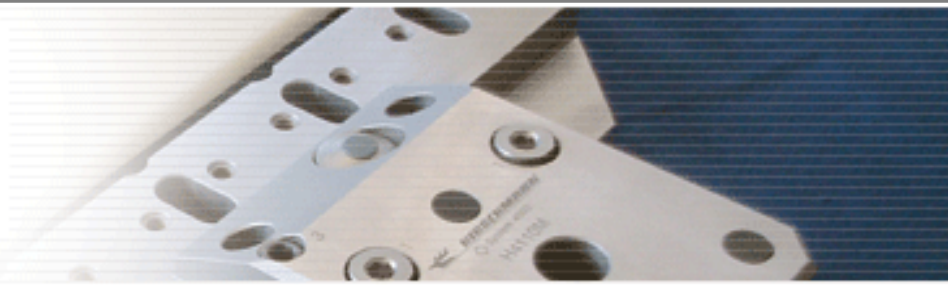
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M/C SQUARE DOUBLE SIDED TOOLING COLUMN





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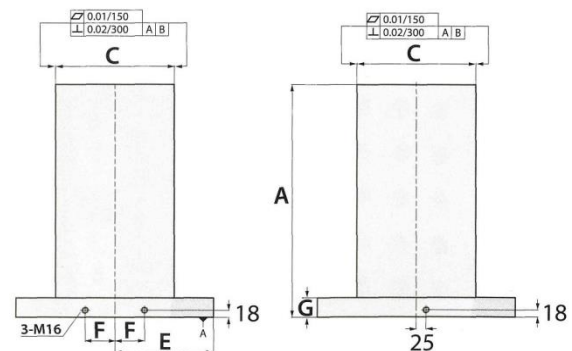
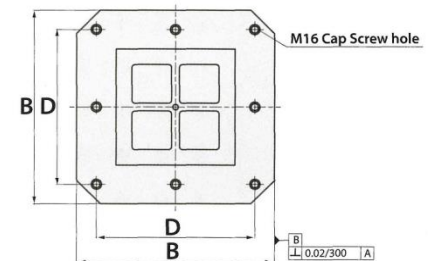


M/C SQUARE TOOLING COLUMN

- Heat treated (Normalized)
- Application: Good for horizontal M/C

FEATURES:

Free to finish an actual required hole pattern or your special jig.



SPECIFICATIONS (Material: FCD 50 / Aluminum A356)

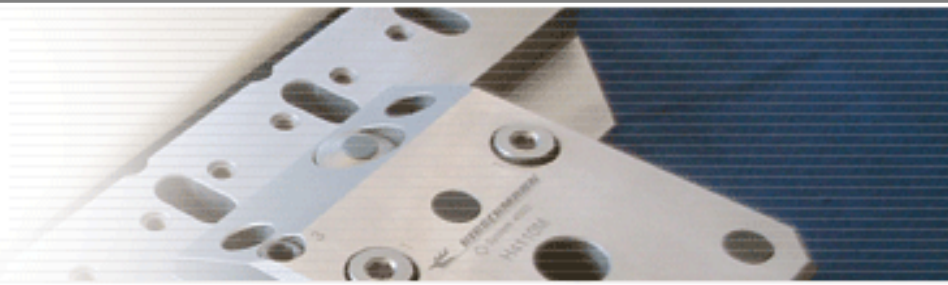
Unit: mm

Model	A	B	C	D	E	F	G	Mounting Holes	Weight (kg)	
									FCD50	A356
HSF-400400-0500	500	400	250	320	200	55	50	4	166	65
HSF-500500-0600	600	500	300	400	250	75	50	8	253	100
HSF-630630-0700	700	630	350	500	315	100	50	8	371	146
HSF-800800-0800	800	800	500	640	400	135	50	8	607	240

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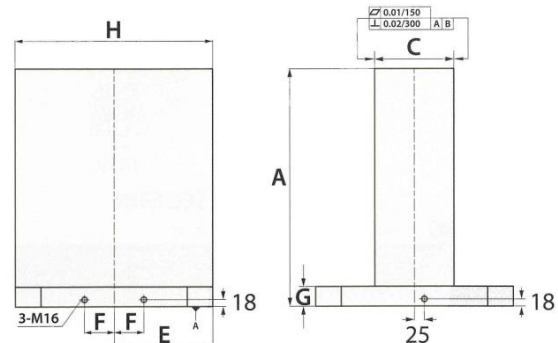
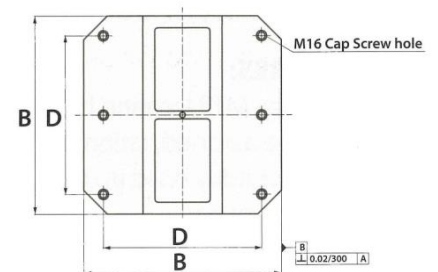


M/C DOUBLE SIDED TOOLING COLUMN

- Heat treated (Normalized)
- Application: Good for horizontal M/C

FEATURES:

Free to finish an actual required hole pattern or your special jig.



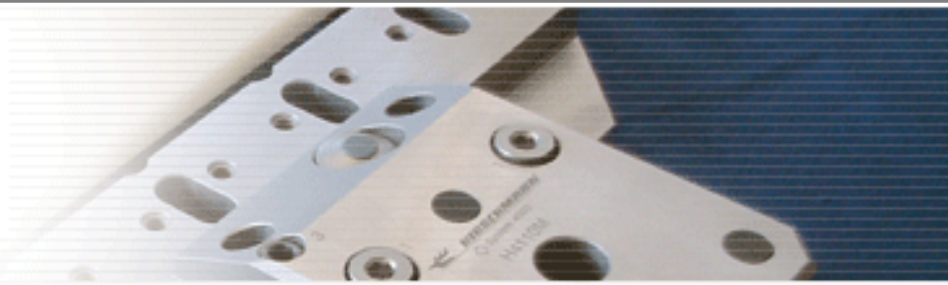
SPECIFICATIONS (Material: FCD 50 / Aluminum A356)

Unit: mm

Model	A	B	C	D	E	F	G	H	Mounting Holes	Weight (kg)	
										FCD50	A356
HDF-400400-0500	500	400	150	320	200	55	50	400	4	168	73
HDF-500500-0600	600	500	200	400	250	75	50	500	6	282	108
HDF-630630-0700	700	630	250	500	315	100	50	630	6	444	170
HDF-800800-0800	800	800	300	640	400	135	50	800	6	646	247



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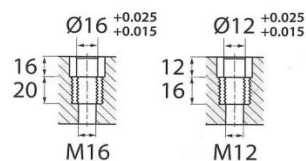
M/C SQUARE TOOLING COLUMN

- Heat treated (Normalized)
- Application: Good for horizontal M/C

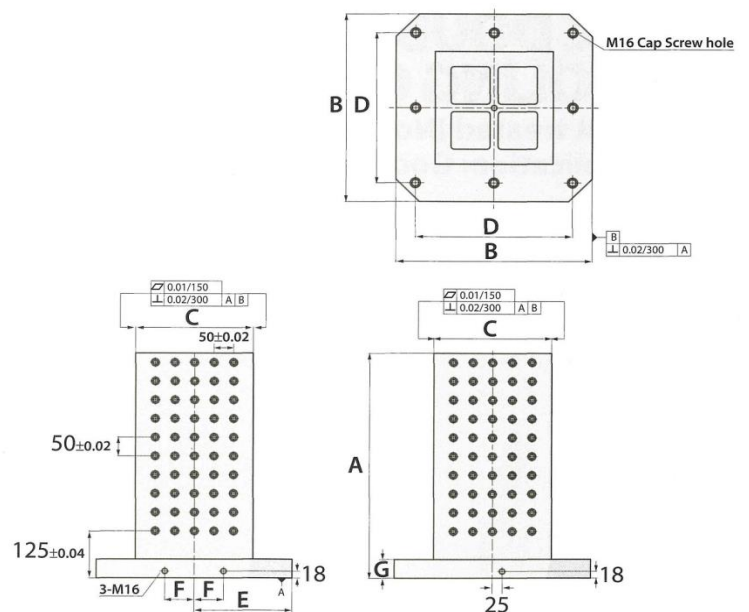
FEATURES:

Locked by MTP locating holes.

Using the assorted, rationalized jig component, you can quickly build up to meet requirement jig.



T MTP SECTION



SPECIFICATIONS (Material: FCD 50 / Aluminum A356)

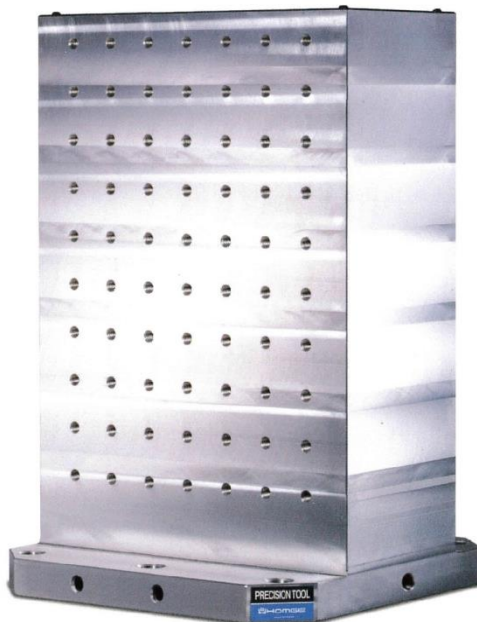
Unit: mm

Model	A	B	C	D	E	F	G	T		No.of MTP Holes	Mounting Holes	Weight (kg)	
												FCD50	A356
HSH-400400-0500-12	500	400	250	320	200	55	50	ø12	M12	128	4	161	63
HSH-500500-0600-12	600	500	300	400	250	75	50	ø12	M12	200	8	246	94
HSH-630630-0700-12	700	630	350	500	315	100	50	ø12	M12	288	8	361	138
HSH-800800-0800-12	800	800	500	640	400	135	50	ø12	M12	504	8	589	225
HSH-400400-0500-16	500	400	250	320	200	55	50	ø16	M16	128	4	158	60
HSH-500500-0600-16	600	500	300	400	250	75	50	ø16	M16	200	8	241	92
HSH-630630-0700-16	700	630	350	500	315	100	50	ø16	M16	288	8	353	135
HSH-800800-0800-16	800	800	500	640	400	135	50	ø16	M16	504	8	576	220

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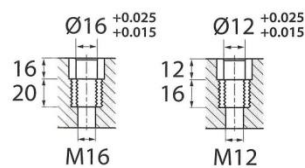


M/C DOUBLE SIDED TOOLING COLUMN

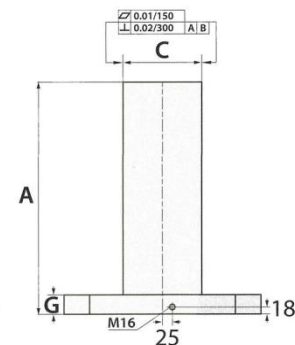
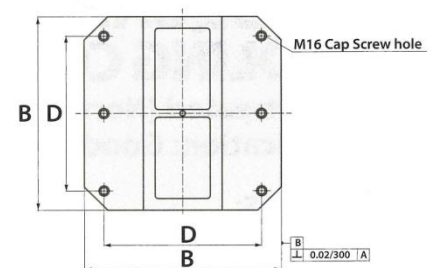
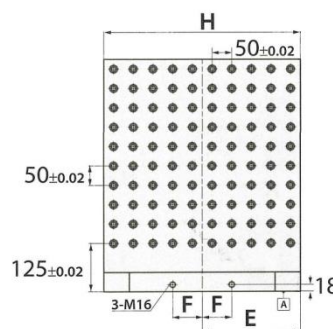
- Heat treated (Normalized)
- Application: Good for horizontal M/C

FEATURES:

Locked by MTP locating holes.
Using the assorted, rationalized jig component, you can quickly build up to meet requirement jig.



T MTP SECTION



SPECIFICATIONS (Material: FCD 50 / Aluminum A356)

Unit: mm

Model	A	B	C	D	E	F	G	H	T	No. of MTP Holes	Mounting Holes	Weight (kg)		
												FCD50	A356	
HDH-400400-0500-12	500	400	150	320	200	55	50	400	ø12	M12	128	4	163	62
HDH-500500-0600-12	600	500	200	400	250	75	50	500	ø12	M12	200	6	275	105
HDH-630630-0700-12	700	630	250	500	315	100	50	630	ø12	M12	288	6	434	166
HDH-800800-0800-12	800	800	300	640	400	135	50	800	ø12	M12	420	6	631	241
HDH-400400-0500-16	500	400	150	320	200	55	50	400	ø16	M16	128	4	160	61
HDH-500500-0600-16	600	500	200	400	250	75	50	500	ø16	M16	200	6	269	102
HDH-630630-0700-16	700	630	250	500	315	100	50	630	ø16	M16	288	6	426	163
HDH-800800-0800-16	800	800	300	640	400	135	50	800	ø16	M16	420	6	620	237



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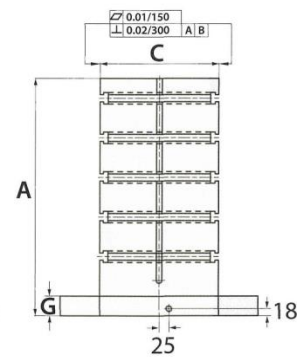
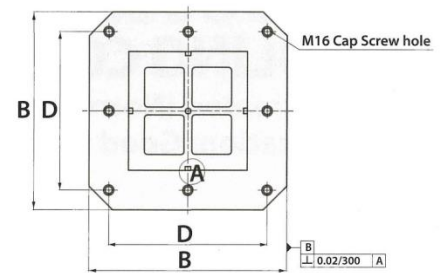
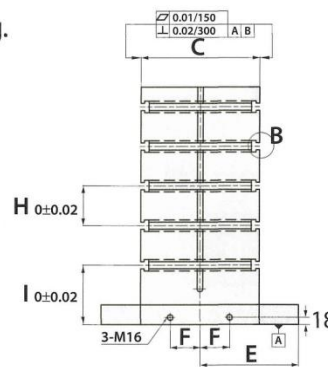
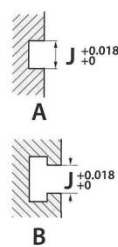
M/C SQUARE TOOLING COLUMN

- Heat treated (Normalized)
- Application: Good for horizontal M/C

FEATURES:

Locked by T-slot.

Using the assorted, rationalized jig component, you can quickly build up to meet requirement jig.



SPECIFICATIONS (Material: FCD 50 / Aluminum A356)

Unit: mm

Model	A	B	C	D	E	F	G	H	I	J	Weight (kg)	
											FCD50	A356
HST-400400-0500-14	500	400	250	320	200	55	50	100	150	14	153	58
HST-500500-0600-14	600	500	300	400	250	75	50	100	150	14	233	89
HST-630630-0700-14	700	630	350	500	315	100	50	125	150	14	348	133
HST-800800-0800-14	800	800	500	640	400	135	50	150	150	14	574	220
HST-400400-0500-18	500	400	250	320	200	55	50	100	150	18	146	56
HST-500500-0600-18	600	500	300	400	250	75	50	100	150	18	224	85
HST-630630-0700-18	700	630	350	500	315	100	50	125	150	18	337	129
HST-800800-0800-18	800	800	500	640	400	135	50	150	150	18	559	214

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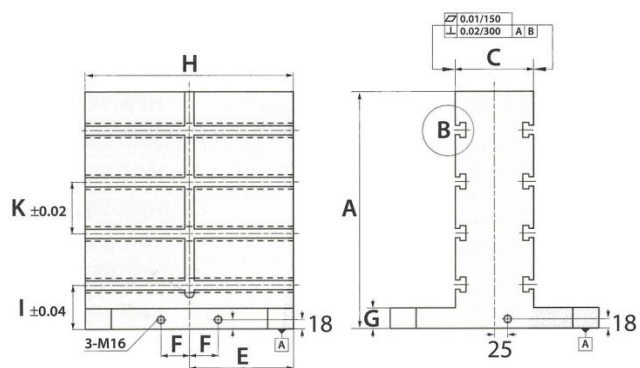
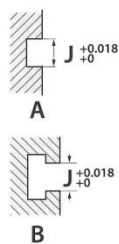
M/C DOUBLE SIDED TOOLING COLUMN

- Heat treated (Normalized)
- Application: Good for horizontal M/C

FEATURES:

Locked by T-slot.

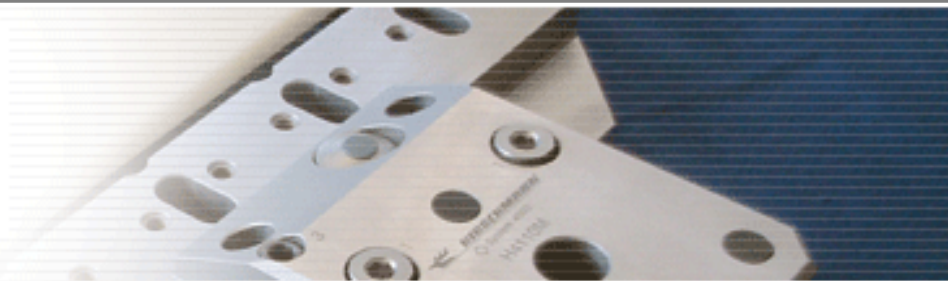
Using the assorted, rationalized jig component, you can quickly build up to meet requirement jig.



SPECIFICATIONS (Material: FCD 50 / Aluminum A356)

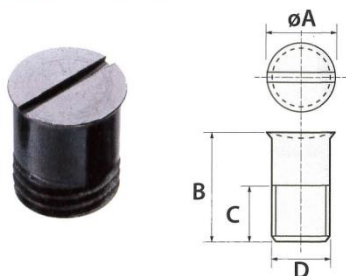
Unit: mm

Model	A	B	C	D	E	F	G	H	I	J	K	Weight (kg)	
												FCD50	A356
HDT-400400-0500-14	500	400	150	320	200	55	50	400	150	14	100	157	60
HDT-500500-0600-14	600	500	200	400	250	75	50	500	150	14	100	265	101
HDT-630630-0700-14	700	630	250	500	315	100	50	630	150	14	125	423	161
HDT-800800-0800-14	800	800	300	640	400	135	50	800	150	14	150	620	237
HDT-400400-0500-18	500	400	150	320	200	55	50	400	150	18	100	152	58
HDT-500500-0600-18	600	500	200	400	250	75	50	500	150	18	100	258	98
HDT-630630-0700-18	700	630	250	500	315	100	50	630	150	18	125	413	158
HDT-800800-0800-18	800	800	300	640	400	135	50	800	150	18	150	607	232



OPTIONAL ACCESSORIES:

PROTECTION PLUG

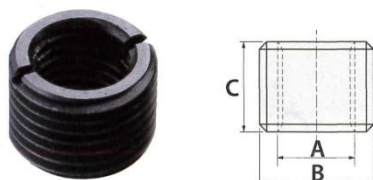


SPECIFICATIONS (Material: S45C)

Unit: mm

Model	A	B	C	D (Thread)
HPP-12-JIS	14	22	11	M12
HPP-16-JIS	18	25	13	M16

THREADED INSERT

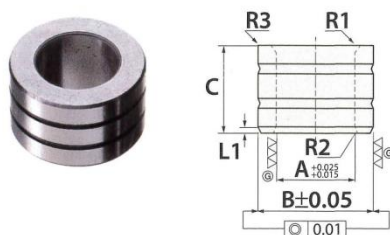


SPECIFICATIONS (Material: S45C, Hardness: HRC 32~35°)

Unit: mm

Model	A	B	C	Weight (kg)
HTI-0612-10	M6x10	M12x1.5	10	0.005
HTI-0814-12	M8x1.25	M14x1.5	12	0.008
HTI-1016-15	M10x1.5	M16x1.5	15	0.010
HTI-1218-16	M12x1.75	M18x2.0	16	0.015
HTI-1420-18	M14x2.0	M20x2.0	18	0.030
HTI-1622-20	M16x2.0	M22x2.0	20	0.025
HTI-2028-25	M20x2.0	M28x2.0	25	0.050

POSITIONING BUSHING



SPECIFICATIONS (Material: SUJ2, Hardness: HRC 60°)

Unit: mm

Model	A	B	C	R1	R2	R3	L1	Weight (kg)
HPB-0613-10	$\phi 6$	$\phi 13$	10	1	0.5	0.5	1.25	0.007
HPB-0815-10	$\phi 8$	$\phi 15$	10	1	0.5	0.5	1.25	0.009
HPB-1018-12	$\phi 10$	$\phi 18$	12	1.5	1	0.5	1.5	0.015
HPB-1220-12	$\phi 12$	$\phi 20$	12	1.5	1	0.5	1.5	0.017
HPB-1423-16	$\phi 14$	$\phi 23$	16	1.5	1	0.5	1.5	0.030
HPB-1523-16	$\phi 15$	$\phi 23$	16	1.5	1	0.5	1.5	0.028
HPB-1623-16	$\phi 16$	$\phi 23$	16	1.5	1	0.5	1.5	0.025
HPB-1826-20	$\phi 18$	$\phi 26$	20	2	1.5	0.5	2.5	0.040
HPB-2030-20	$\phi 20$	$\phi 30$	20	2	1.5	0.5	2.5	0.060
HPB-2230-20	$\phi 22$	$\phi 30$	20	2	1.5	0.5	2.5	0.050
HPB-2535-20	$\phi 25$	$\phi 35$	20	2	1.5	0.5	2.5	0.070
HPB-3042-25	$\phi 30$	$\phi 42$	25	2	1.5	0.5	2.5	0.130
HPB-4055-30	$\phi 40$	$\phi 55$	30	3	2	1	3	0.255
HPB-5070-30	$\phi 50$	$\phi 70$	30	3	2	1	3	0.430



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