HOMGE

Quality engineering equipment
enhanced by continual research
and development for long
durability, high accuracy
and efficient operation

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001

Established in 1978

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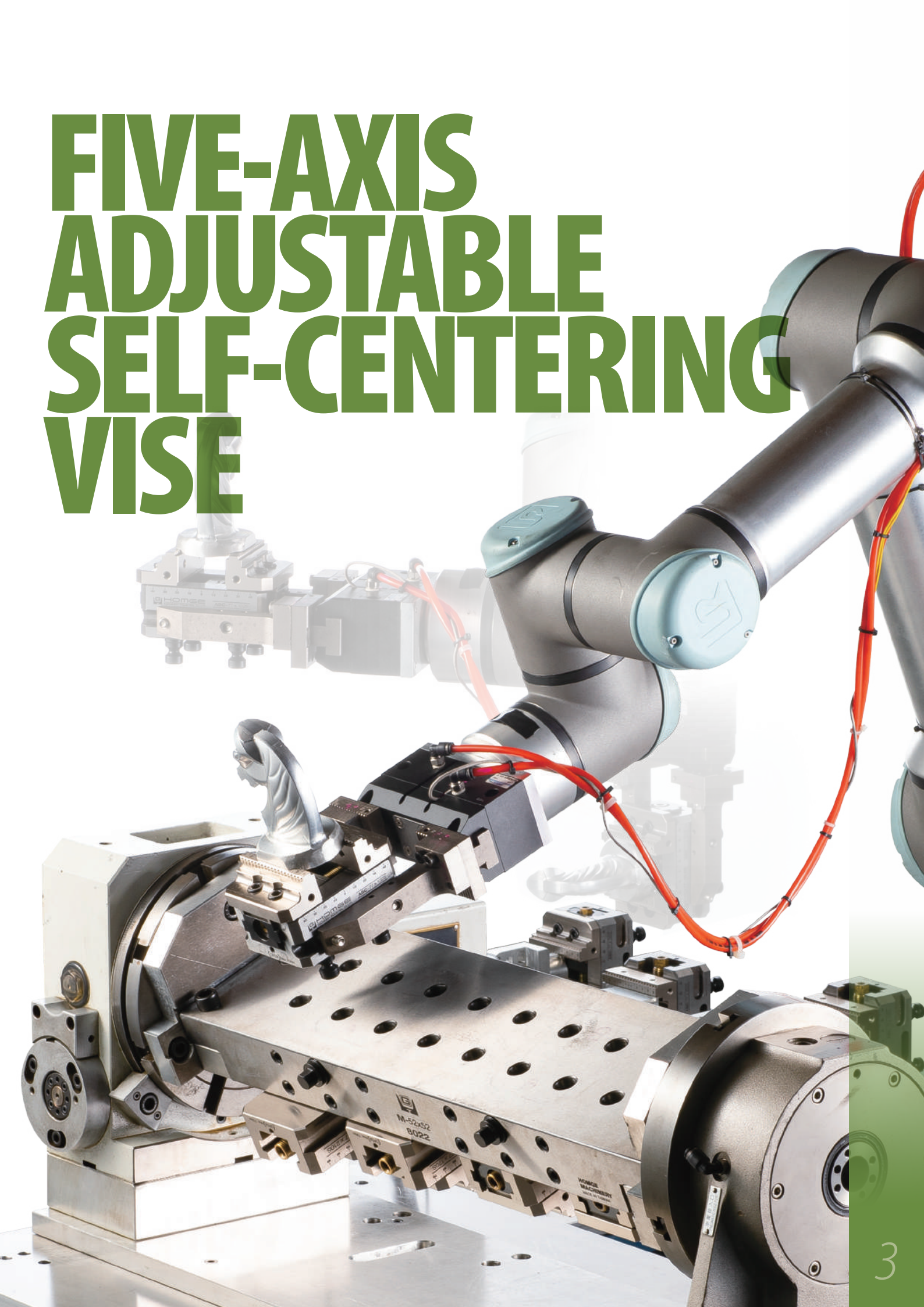
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FIVE-AXIS ADJUSTABLE SELF-CENTERING VISE



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FIVE-AXIS ADJUSTABLE SELF-CENTERING VISE

Model: ASC-77x102S, 77x130S, 77x170S, 77x210S
ASC-127x160S, 127x210S, 127x260S, 127x310S, 127x360S



- Patented stud bolt seat design can efficiently calibrate the clamping center.
- It is recommended to operate with a Master Plate on a five-axis machine.
- Compatible with Robotic Arms.

ASC-S Series

STANDARD ACCESSORIES:

- 4 pcs of Clamp
- 1 pc of Wrench



1	2	3	4	5
Users can calibrate the clamping center of vise by adjusting the screws on both ends.	Detachable jaws are made of **High quality Tool Steel (SCM440)** and gone through carburizing to achieve **HRC50**. Since both sides are fixed size and able to be used as a datum, users can reverse them to increase clamping range.	The vise's clamping force can achieve **1300KG**, the repeatability positioning precision of its clamping center is within **±0.02mm**.	The **45° dovetail structure with teeth** on the upper jaw ensures the bottom of the workpiece to be firmly clamped.	Vise body is made of **High quality Steel (S50C)** and its slideways gone through high-frequency hardening to achieve **HRC50**, which makes the whole part durable.



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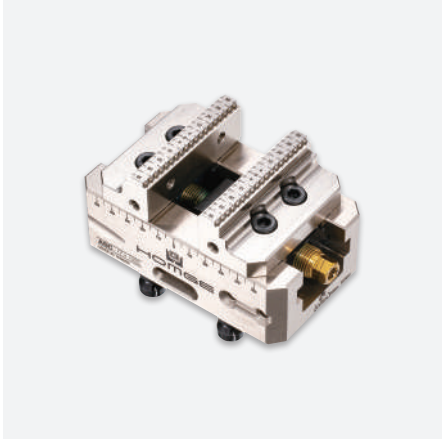
ASC-S Series

Model: ASC-77x102S, 77x130S, 77x170S, 77x210S
ASC-127x160S, 127x210S, 127x260S, 127x310S, 127x360S



ASC-77x102S

Size	107x77x70 mm
Weight (kg)	2.8



ASC-77x130S

Size	135x77x70 mm
Weight (kg)	3.5



ASC-77x170S

Size	175x77x70 mm
Weight (kg)	4.2



ASC-77x210S

Size	215x77x70 mm
Weight (kg)	4.9



ASC-127x160S

Size	165x127x87 mm
Weight (kg)	9



ASC-127x210S

Size	215x127x87 mm
Weight (kg)	11



ASC-127x260S

Size	265x127x87 mm
Weight (kg)	13



ASC-127x310S

Size	315x127x87 mm
Weight (kg)	15

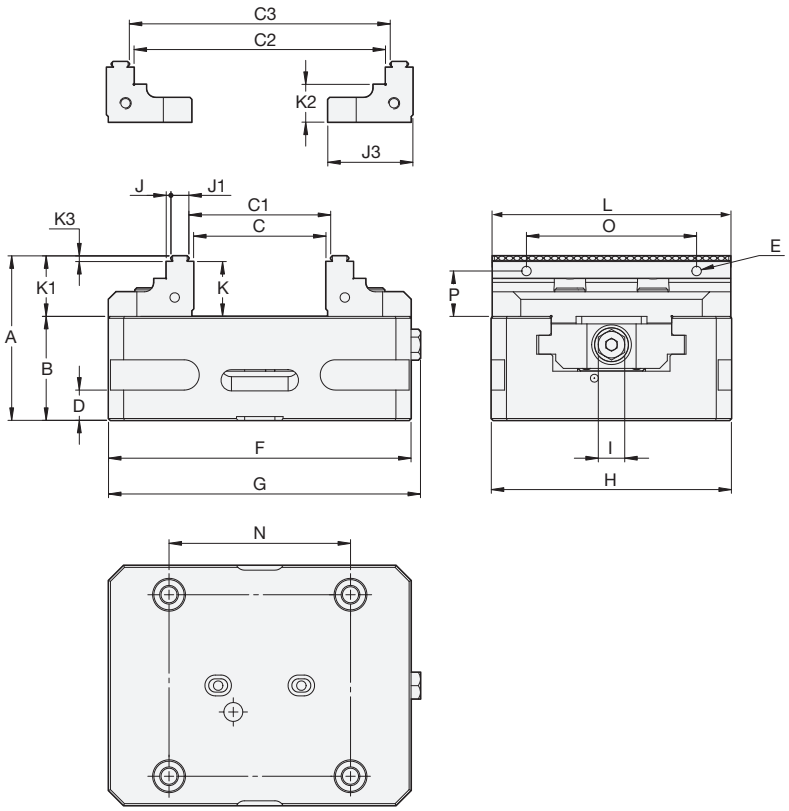


ASC-127x360S

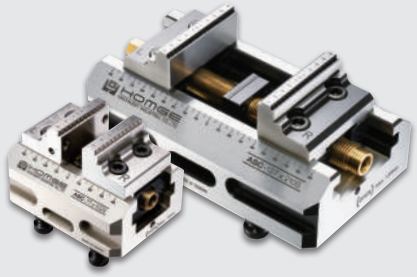
Size	365x127x87 mm
Weight (kg)	17

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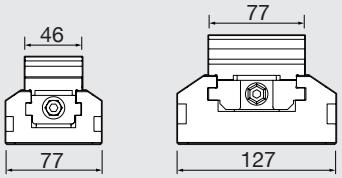
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Narrow Version :



The Narrow Version of our Vise Body and Jaw Sets is a solution designed specifically to manage interference problems. All of our ASC-S series models are readily available.



SPECIFICATIONS (Material: Vise body S50C. Rail hardness: HRC 50 / Jaws SCM440. Hardness: HRC 48-50)

Unit: mm

Model	A	B	C	C1	C2	C3	D	E	F	G	H	I	J	J1
ASC- 77x102S	70	43	28	32	85	89	10	M6	102	107	77	12	2	9.5
ASC- 77x130S	70	43	56	60	113	117	10	M6	130	135	77	12	2	9.5
ASC- 77x170S	70	43	96	100	153	157	10	M6	170	175	77	12	2	9.5
ASC- 77x210S	70	43	136	140	193	197	10	M6	210	215	77	12	2	9.5
ASC- 127x160S	87	55	70	75	133	138	16	M6	160	165	127	14	2.5	9.5
ASC- 127x210S	87	55	120	125	183	188	16	M6	210	215	127	14	2.5	9.5
ASC- 127x260S	87	55	170	175	233	238	16	M6	260	265	127	14	2.5	9.5
ASC- 127x310S	87	55	220	225	283	288	16	M6	310	315	127	14	2.5	9.5
ASC- 127x360S	87	55	270	275	333	338	16	M6	360	365	127	14	2.5	9.5

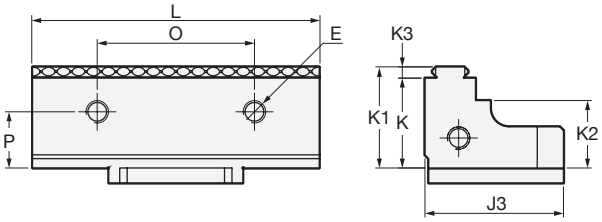
Model	J3	K	K1	K2	K3	L	N	O	P	Pull Stud	Weight (kg)
ASC- 77x102S	37	24	27	18	3	77	52	42	15	**M-52x52PS**	2.8
ASC- 77x130S	37	24	27	18	3	77	52	42	15	**M-52x52PS**	3.5
ASC- 77x170S	37	24	27	18	3	77	52	42	15	**M-52x52PS**	4.2
ASC- 77x210S	37	24	27	18	3	77	52	42	15	**M-52x52PS**	4.9
ASC- 127x160S	45	29	32	20	3	126	96	90	24	**M-96x96PS**	9
ASC- 127x210S	45	29	32	20	3	126	96	90	24	**M-96x96PS**	11
ASC- 127x260S	45	29	32	20	3	126	96	90	24	**M-96x96PS**	13
ASC- 127x310S	45	29	32	20	3	126	96	90	24	**M-96x96PS**	15
ASC- 127x360S	45	29	32	20	3	126	96	90	24	**M-96x96PS**	17

Optional Accessories

Clamping Jaws



Standard Hard Jaws



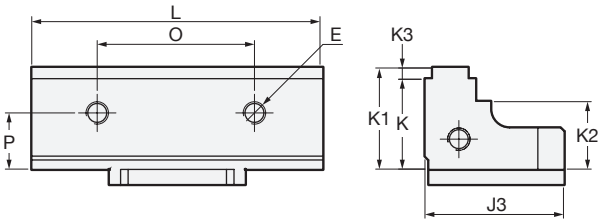
SPECIFICATIONS

Unit: mm

for Model	E	L	K	K1	K2	K3	J3	O	P	Weight (kg)
ASC-77	M6	77	24	27	18	3	37	42	15	0.8
ASC-127	M6	126	29	32	20	3	45	90	24	1.7



Flat Jaws



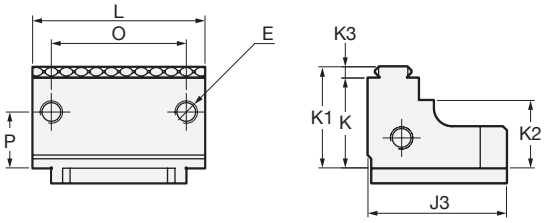
SPECIFICATIONS

Unit: mm

for Model	E	L	K	K1	K2	K3	J3	O	P	Weight (kg)
ASC-77	M6	77	24	27	18	3	37	42	15	0.8
ASC-127	M6	126	29	32	20	3	45	90	24	1.7



Narrow Jaws



SPECIFICATIONS

Unit: mm

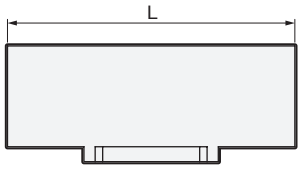
for Model	E	L	K	K1	K2	K3	J3	O	P	Weight (kg)
ASC-77	M6	46	24	27	18	3	37	36	15	0.5
ASC-127	M6	77	29	32	20	3	45	63	24	1.1

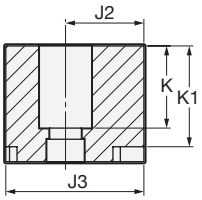
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Optional Accessories

Clamping Jaws







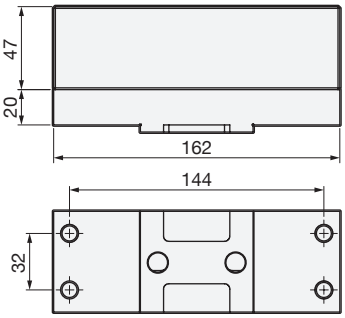
SPECIFICATIONS

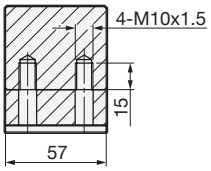
Unit: mm

for Model	L	K	K1	J2	J3	Weight (kg)
ASC-77	77	22	27	21	37	1.3
ASC-127	126	27	32	23	45	1.4

Soft Jaws







Quick Change Soft Jaws Set (for ASC-127, WEIGHT: 1.7KG)

OPTIONAL ACCESSORIES:

- Rectangular Plate
- Round Plate
- Pull Studs

Please refer to Page 34
Zero Point Quick Change Devices

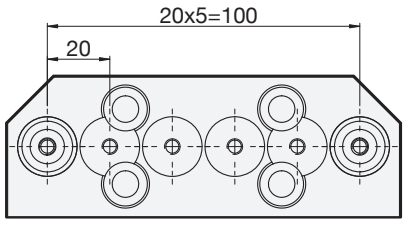


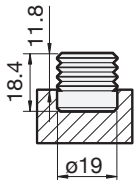
Suitable for round workpiece



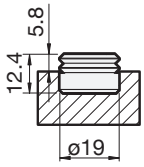
Flexi Jaws (WEIGHT: 2.6KG)

Two sizes of Grippers are available.

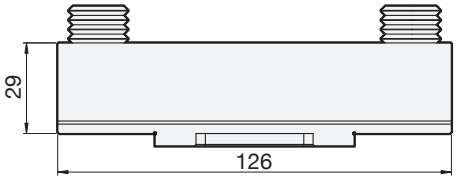


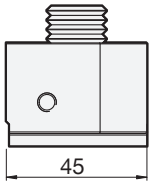


Long type

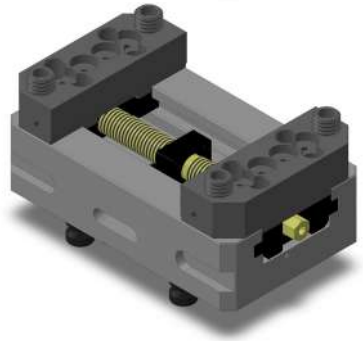


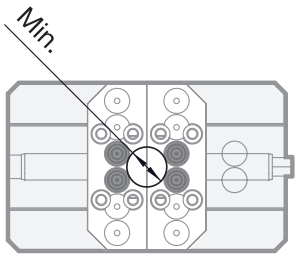
Short type

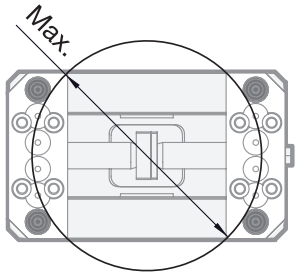












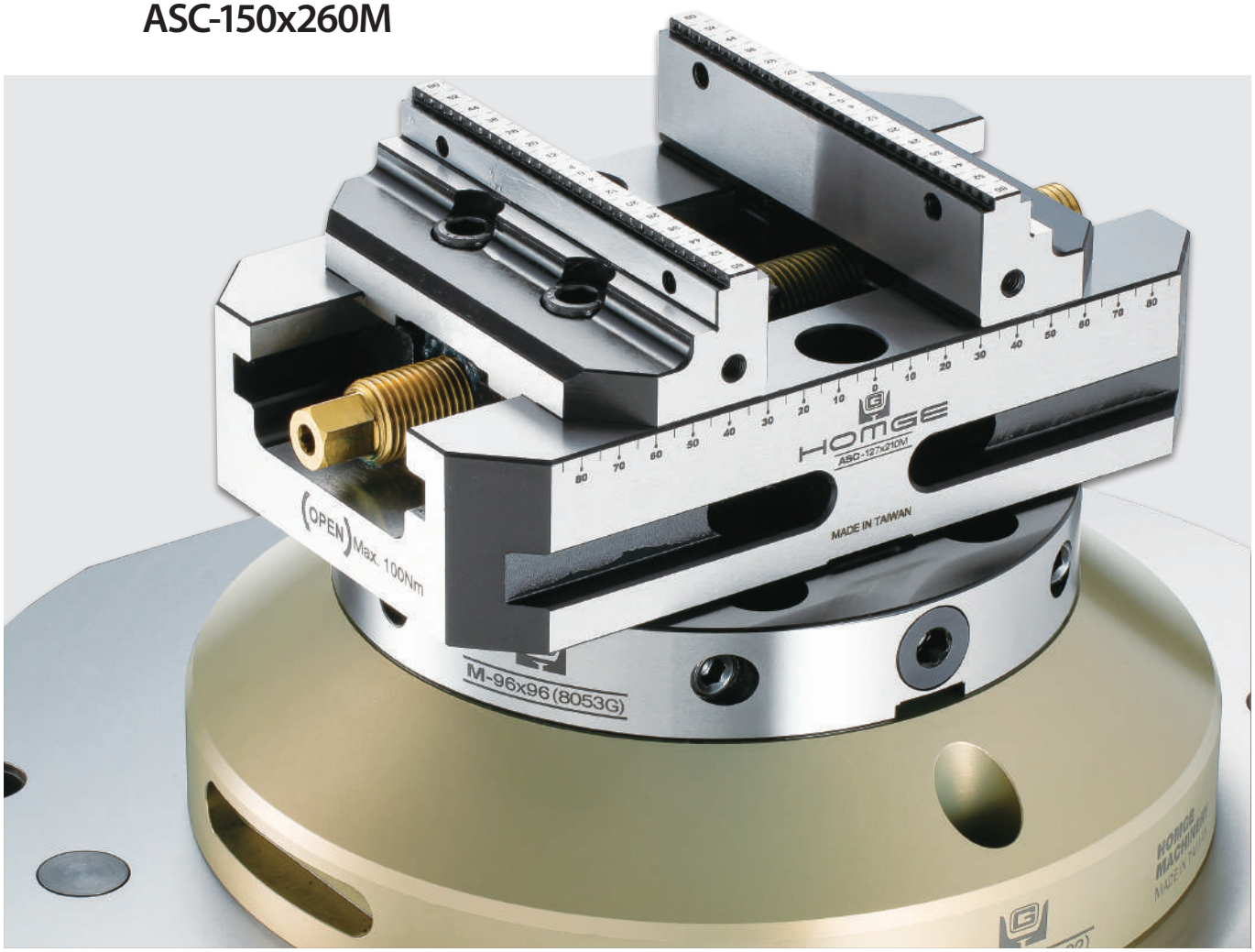
CLAMPING RANGE Unit: mm

for Model	Max.	Min.
ASC- 127x160S	Ø133	Ø30.2
ASC- 127x210S	Ø173	Ø30.2
ASC- 127x260S	Ø218	Ø30.2
ASC- 127x310S	Ø264	Ø30.2
ASC- 127x360S	Ø311	Ø30.2

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FIVE-AXIS ADJUSTABLE SELF-CENTERING VISE

Model: ASC-77x102M, 77x130M, 77x170M,
ASC-127x130M, 127x160M, 127x210M, 127x260M,
ASC-150x260M



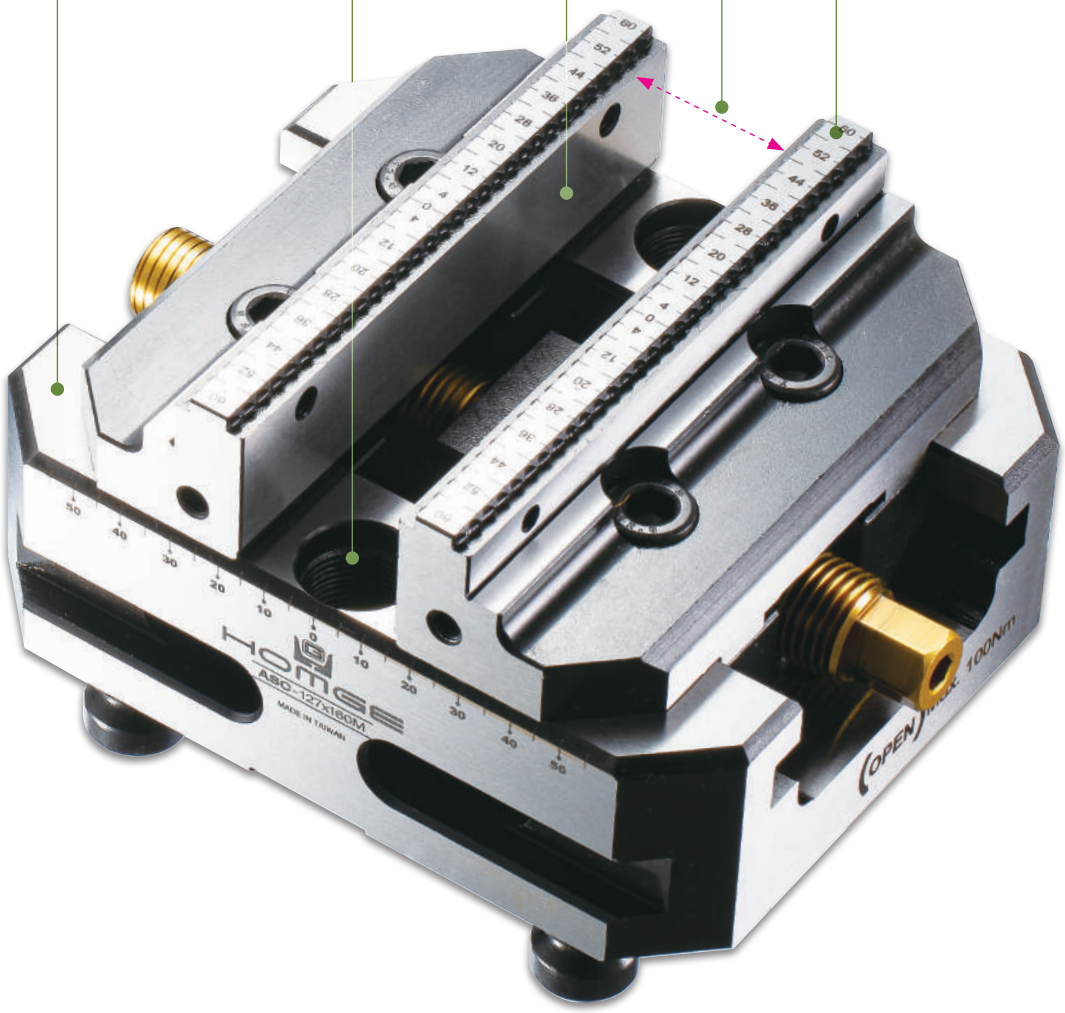
- Special 45° dovetail structure with teeth
- With a pair of mounting holes, ASC-M series can be directly fixed on the 3rd, 4th or 5th-Axis machine bed.
- Purchase an additional Center Jaw to enable dual clamping.

ASC-M Series

STANDARD ACCESSORIES:

- 4 pcs of Clamp
- 1 pc of Wrench

1	2	3	4	5
Vise body is made of **High quality Steel (S50C)** and its slideways gone through high-frequency hardening to achieve **HRC50**, which makes the whole part durable.	The vise body can be mounted directly on the machine table by the middle with 2 pieces of M12 screws. This vise also can clamp 2 workpieces by mounting the centre jaw in the middle.	Detachable jaws are made of **High quality Tool Steel (SCM440)** and gone through carburizing to achieve **HRC50**. Since both sides are fixed size and able to be used as a datum, users can reverse them to increase clamping range.	The vise's clamping force can achieve **1300KG**, the repeatability positioning precision of its clamping center is within **±0.02mm**.	The **45° dovetail structure with teeth** on the upper jaw ensures the bottom of the workpiece to be firmly clamped.



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ASC-M Series

Model: ASC-77x102M, 77x130M, 77x170M
ASC-127x130M, 127x160M, 127x210M, 127x260M,
ASC-150x260M



ASC-77x102M

Size	107x77x70 mm
Weight (kg)	2.8



ASC-77x130M

Size	135x77x70 mm
Weight (kg)	3.3



ASC-77x170M

Size	175x77x70 mm
Weight (kg)	3.9



ASC-127x130M

Size	135x127x80 mm
Weight (kg)	7.3



ASC-127x160M

Size	165x127x80 mm
Weight (kg)	7.5



ASC-127x210M

Size	215x127x80 mm
Weight (kg)	8.5



ASC-127x260M

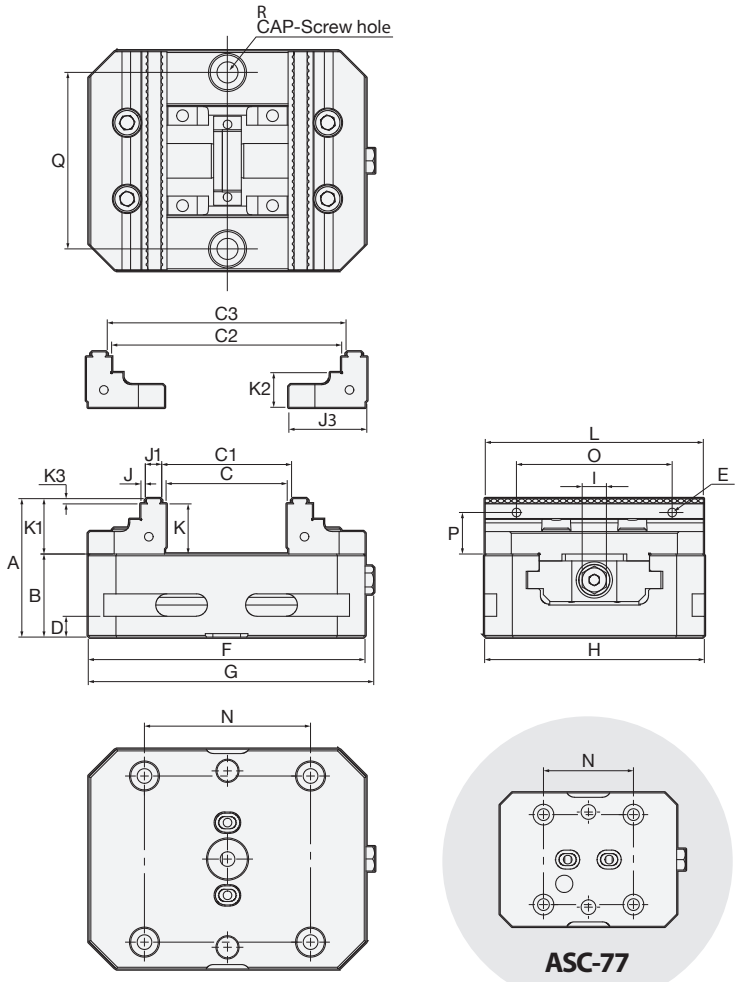
Size	265x127x80 mm
Weight (kg)	10



ASC-150x260M

Size	265x150x80 mm
Weight (kg)	13.5

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ASC-77

OPTIONAL ACCESSORIES:

- Rectangular Plate
- Round Plate
- Pull Studs

Please refer to Page 34
Zero Point Quick Change Devices

SPECIFICATIONS (Material: Vise body S50C. Rail hardness: HRC 50 / Jaws SCM440. Hardness: HRC 48-50)

Unit: mm

Model	A	B	C	C1	C2	C3	D	E	F	G	H	I	J	J1
ASC-77x102M	70	43	28	32	85	89	10	M6	102	107	77	12	2	9.5
ASC-77x130M	70	43	56	60	113	117	10	M6	130	135	77	12	2	9.5
ASC-77x170M	70	43	96	100	153	157	10	M6	170	175	77	12	2	9.5
ASC-127x130M	80	48	40	45	103	108	12	M6	130	135	127	14	2.5	9.5
ASC-127x160M	80	48	70	75	133	138	12	M6	160	165	127	14	2.5	9.5
ASC-127x210M	80	48	120	125	183	188	12	M6	210	215	127	14	2.5	9.5
ASC-127x260M	80	48	170	175	233	238	12	M6	260	265	127	14	2.5	9.5
ASC-150x260M	80	48	170	175	233	238	12	M6	260	265	150	14	2.5	9.5

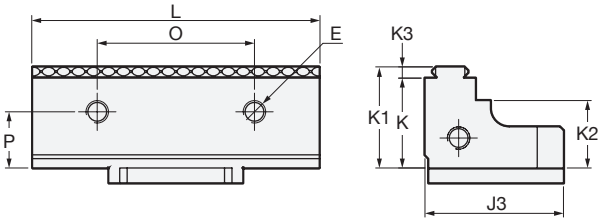
Model	J3	K	K1	K2	K3	L	N	O	P	Q	R	Pull Stud	Weight (kg)
ASC-77x102M	37	24	27	18	3	77	52	42	15	55	M8	**M-52x52PS**	2.8
ASC-77x130M	37	24	27	18	3	77	52	42	15	55	M8	**M-52x52PS**	3.3
ASC-77x170M	37	24	27	18	3	77	52	42	15	55	M8	**M-52x52PS**	3.9
ASC-127x130M	45	29	32	20	3	126	96	90	24	102	M12	**M-96x96PS**	7.3
ASC-127x160M	45	29	32	20	3	126	96	90	24	102	M12	**M-96x96PS**	7.5
ASC-127x210M	45	29	32	20	3	126	96	90	24	102	M12	**M-96x96PS**	8.5
ASC-127x260M	45	29	32	20	3	126	96	90	24	102	M12	**M-96x96PS**	10
ASC-150x260M	45	29	32	20	3	149	96	90	24	120	M12	**M-96x96PS**	13.5

Optional Accessories

Clamping Jaws



Standard Hard Jaws



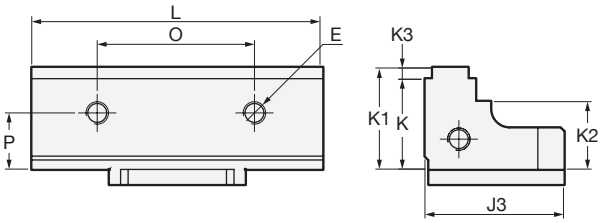
SPECIFICATIONS

Unit: mm

for Model	E	L	K	K1	K2	K3	J3	O	P	Weight (kg)
ASC-77	M6	77	24	27	18	3	37	42	15	0.8
ASC-127	M6	126	29	32	20	3	45	90	24	1.7



Flat Jaws



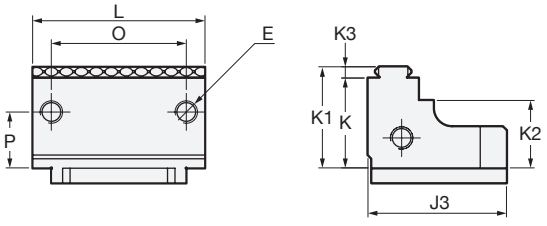
SPECIFICATIONS

Unit: mm

for Model	E	L	K	K1	K2	K3	J3	O	P	Weight (kg)
ASC-77	M6	77	24	27	18	3	37	42	15	1.2
ASC-127	M6	126	29	32	20	3	45	90	24	1.7



Narrow Jaws



SPECIFICATIONS

Unit: mm

for Model	E	L	K	K1	K2	K3	J3	O	P	Weight (kg)
ASC-77	M6	46	24	27	18	3	37	36	15	0.5
ASC-127	M6	77	29	32	20	3	45	63	24	1.1

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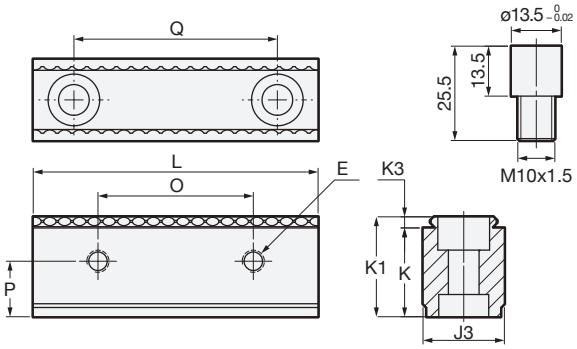
Optional Accessories

Clamping Jaws

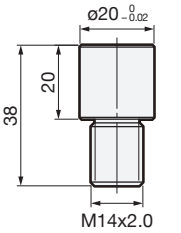


Center Jaw

ASC-77



ASC-127, 150

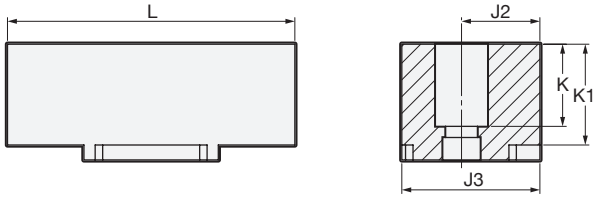


SPECIFICATIONS Unit: mm

for Model	E	L	K	K1	K3	J3	O	P	Q	Weight (kg)
ASC-77	M6	77	24	27	3	22	42	15	55	0.4
ASC-127	M6	126	29	32	3	34	90	24	102	1
ASC-150	M6	149	29	32	3	34	90	24	120	1.2



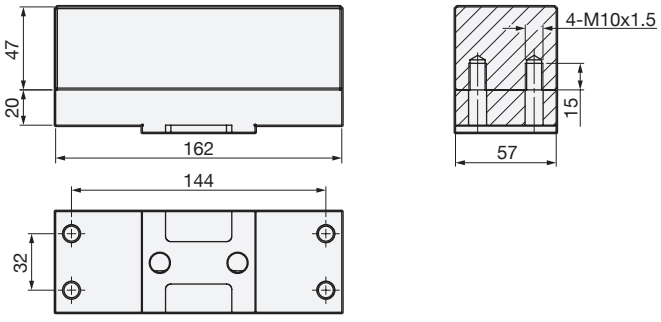
Soft Jaws



SPECIFICATIONS Unit: mm

for Model	L	K	K1	J2	J3	Weight (kg)
ASC-77	77	22	27	21	37	1.3
ASC-127	126	27	32	23	45	1.4





Quick Change Soft Jaws Set (for ASC-127, WEIGHT: 1.7KG)

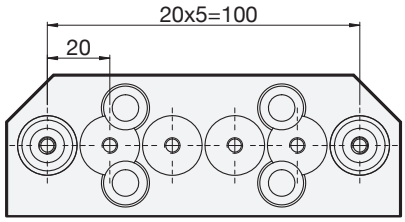


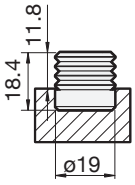
Suitable for round workpiece



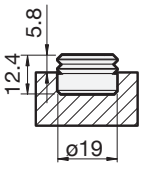
Flexi Jaws (WEIGHT: 2.6KG)

Two sizes of Grippers are available.

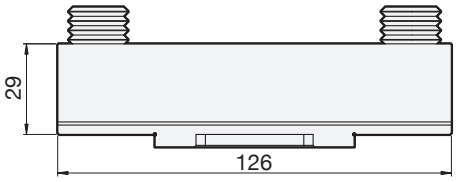


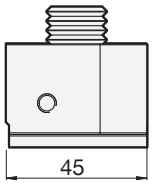


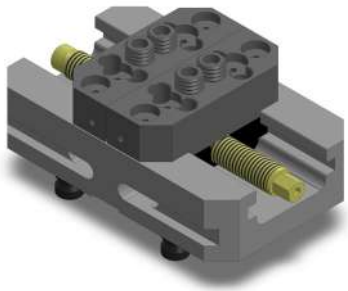
Long type

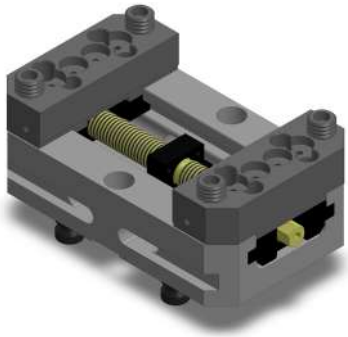


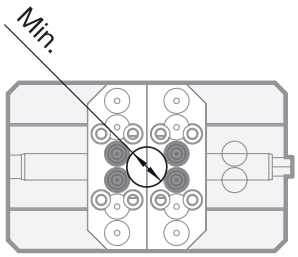
Short type

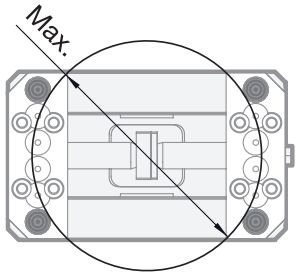












CLAMPING RANGE Unit: mm

for Model	Max.	Min.
ASC- 127x130M	Ø112	Ø30.2
ASC- 127x160M	Ø133	Ø30.2
ASC- 127x210M	Ø173	Ø30.2
ASC- 127x260M	Ø218	Ø30.2
ASC- 150x260M	Ø218	Ø30.2

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FIVE-AXIS ADJUSTABLE SELF-CENTERING VISE

Model: ASC-130x310K
ASC-160x310K



- High rigidity due to reinforced stud bolt seat and hard jaws, suitable for machining large workpieces.
- Applicable to all machine tool models. With the patented center positioning threaded pin, users can regulate clamping center easily and rapidly.
- All ASC-Series Vises are dedicated to consistency in materials and manufacturing processes.

ASC-K Series

STANDARD ACCESSORIES:

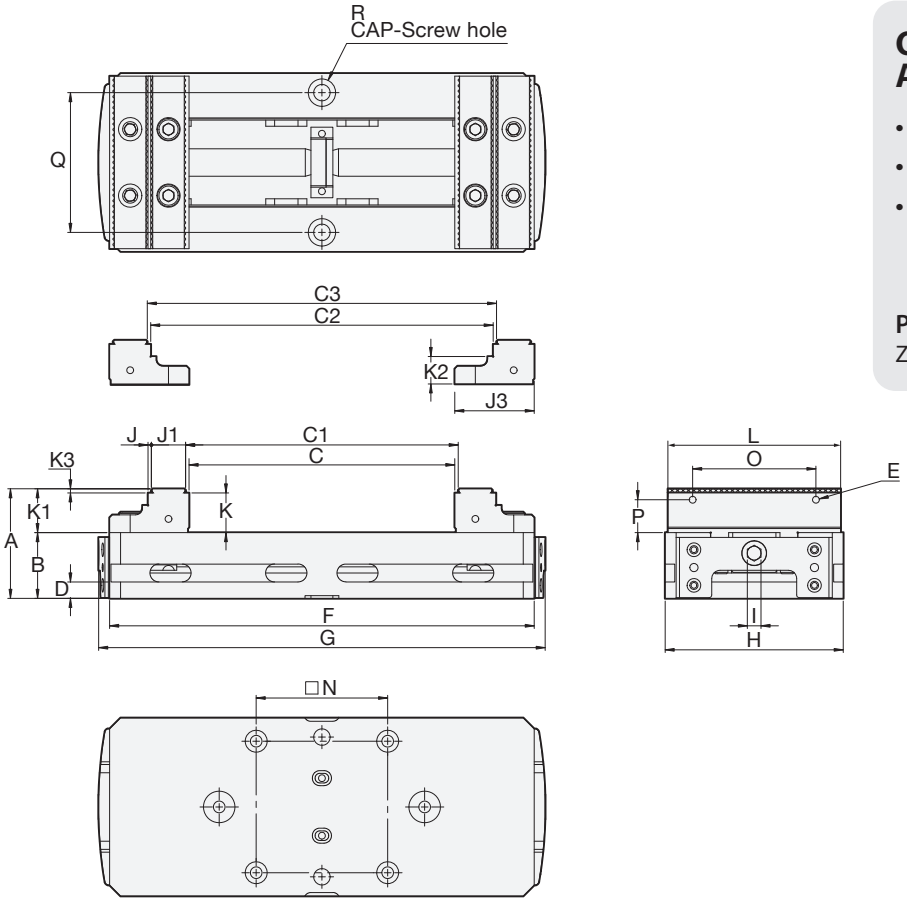
- 4 pcs of Clamp
- 1 pc of Wrench



ASC-130x310K



ASC-160x310K



OPTIONAL ACCESSORIES:

- Rectangular Plate
- Master Gauging Pallet
- Pull Studs

Please refer to Page 34
Zero Point Quick Change Devices

SPECIFICATIONS

(Material: Vise body S50C. Rail hardness: HRC 50 / Jaws SCM440. Hardness: HRC 48-50)

Unit: mm

Model	A	B	C	C1	C2	C3	D	E	F	G	H	I	J	J1	J3
ASC-130x310K	80	48	194	199	250	255	12	M6	310	326	130	10	2.5	25	58
ASC-160x310K	80	48	194	199	250	255	12	M6	310	326	160	10	2.5	25	58

Model	K	K1	K2	K3	L	N	O	P	Q	R	Pull Stud	Weight (kg)
ASC-130x310K	29	32	20	3	126	96	90	24	102	M12	**M-96x96PS**	13.6
ASC-160x310K	29	32	20	3	156	96	90	24	120	M12	**M-96x96PS**	17.4

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FIVE-AXIS COMPACT VISE
(Single Direction)

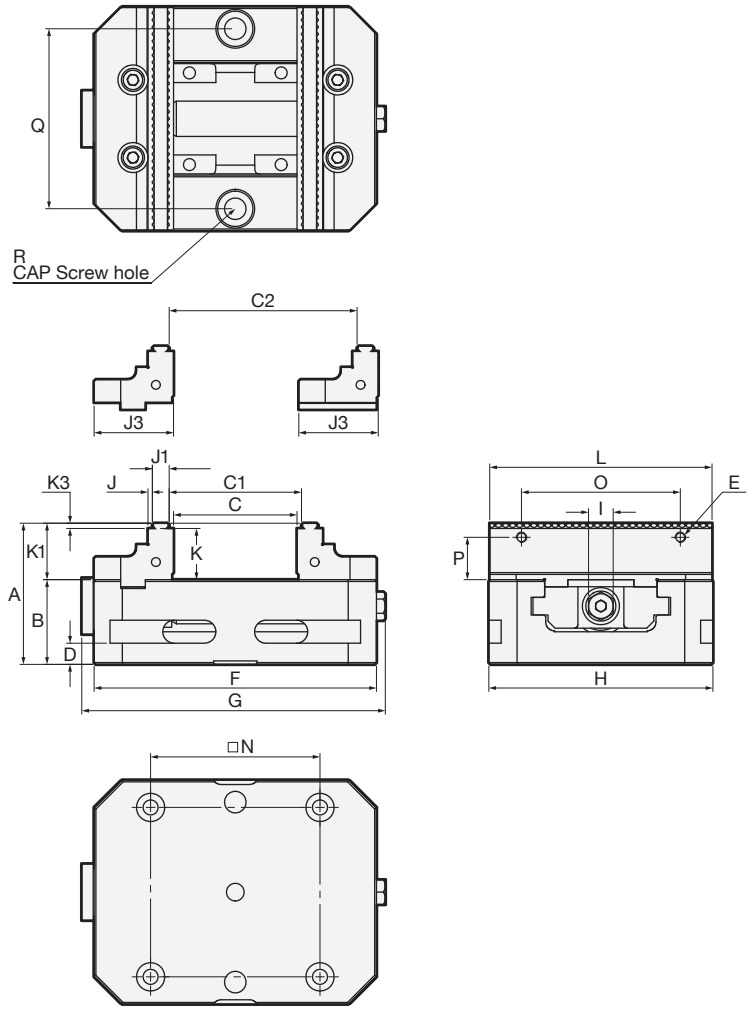
Model: ACK-77x130
ACK-127x160, 127x210



- Clamps in a single direction, ensuring repeatable positioning precision within **±0.01mm**.
- Similar form factor to the ASC- series, ideal for multi-process downstream applications.
- Suitable for three-axis machines with rotary bridge plates, horizontal machines with columns, and other multi-axis machining centers.

STANDARD ACCESSORIES:

- 2 pcs of Mounting Screws
- 4 pcs of Clamp
- 1 pc of Wrench



SPECIFICATIONS (Material: Vise body S50C. Rail hardness: HRC 50 / Jaws SCM440. Hardness: HRC 48-50)

Unit: mm

Model	A	B	C	C1	C2	D	E	F	G	H	I	J	J1
ACK-77x130	70	43±0.01	56	60	88.5	10	M6	130	137	77	12	2	9.5
ACK-127x160	80	48±0.01	70	75	106.5	12	M6	160	172	127	14	2.5	9.5
ACK-127x210	80	48±0.01	120	125	156.5	12	M6	210	222	127	14	2.5	9.5

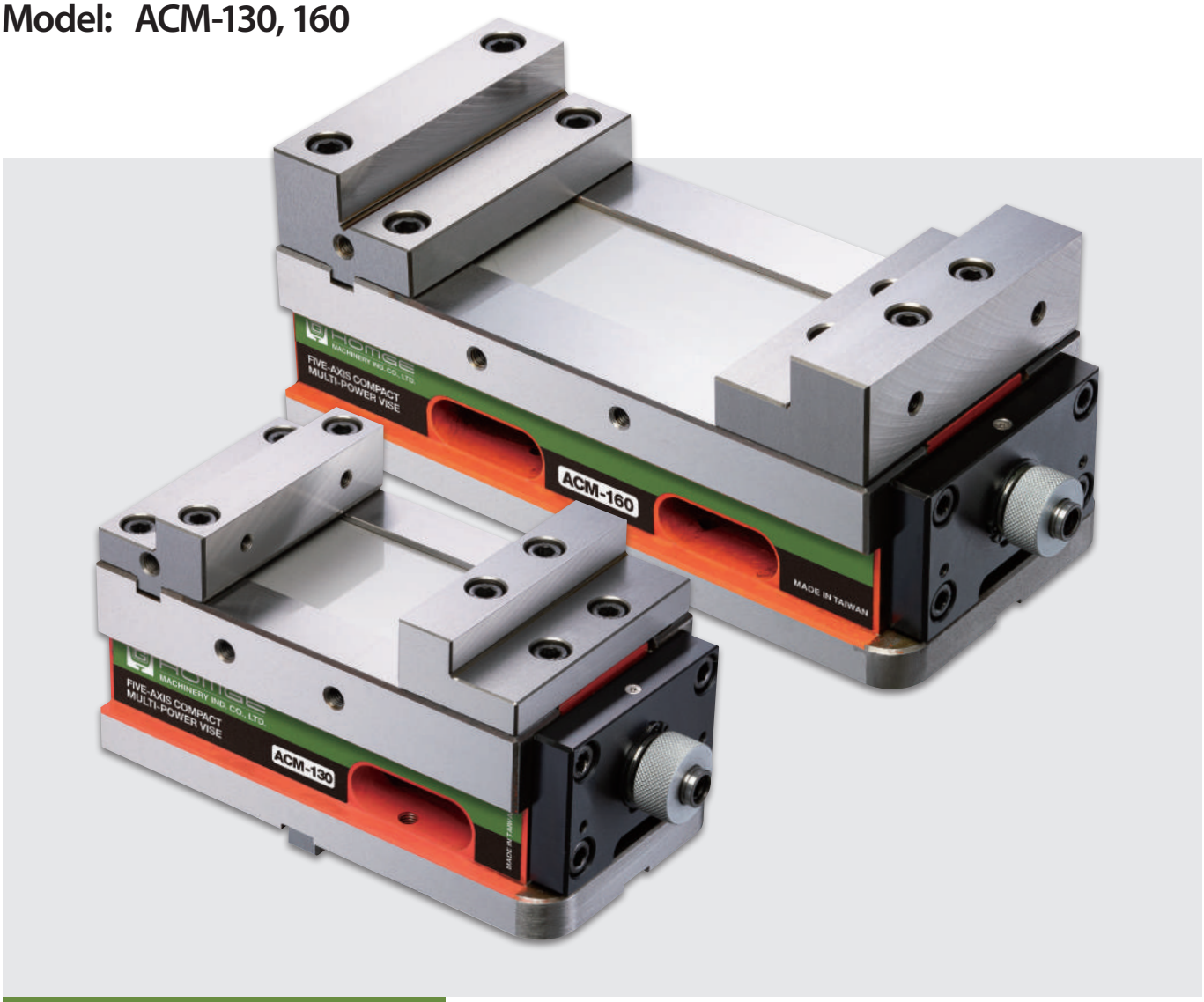
Model	J3	K	K1	K3	N	O	P	Q	R	Pull Stud	Weight (kg)
ACK-77x130	37	24	27	3	52	42	15	55	M8	**M-52x52PS**	4.9
ACK-127x160	45	29	32	3	96	90	24	102	M12	**M-96x96PS**	12.8
ACK-127x210	45	29	32	3	96	90	24	102	M12	**M-96x96PS**	17

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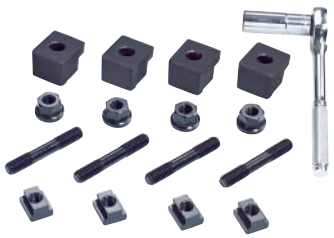
HOMGE

FIVE-AXIS COMPACT MULTI-POWER VISE

Model: ACM-130, 160



- Suitable for CNC 5-Axis Machining Centers, horizontal and vertical CNC Machining Centers
- Shortest Length with **Big Jaw Opening**
- Extremely High Accuracy and Repeatability
- Special MULTI-POWER design enhances clamping force of **0~5000KG**



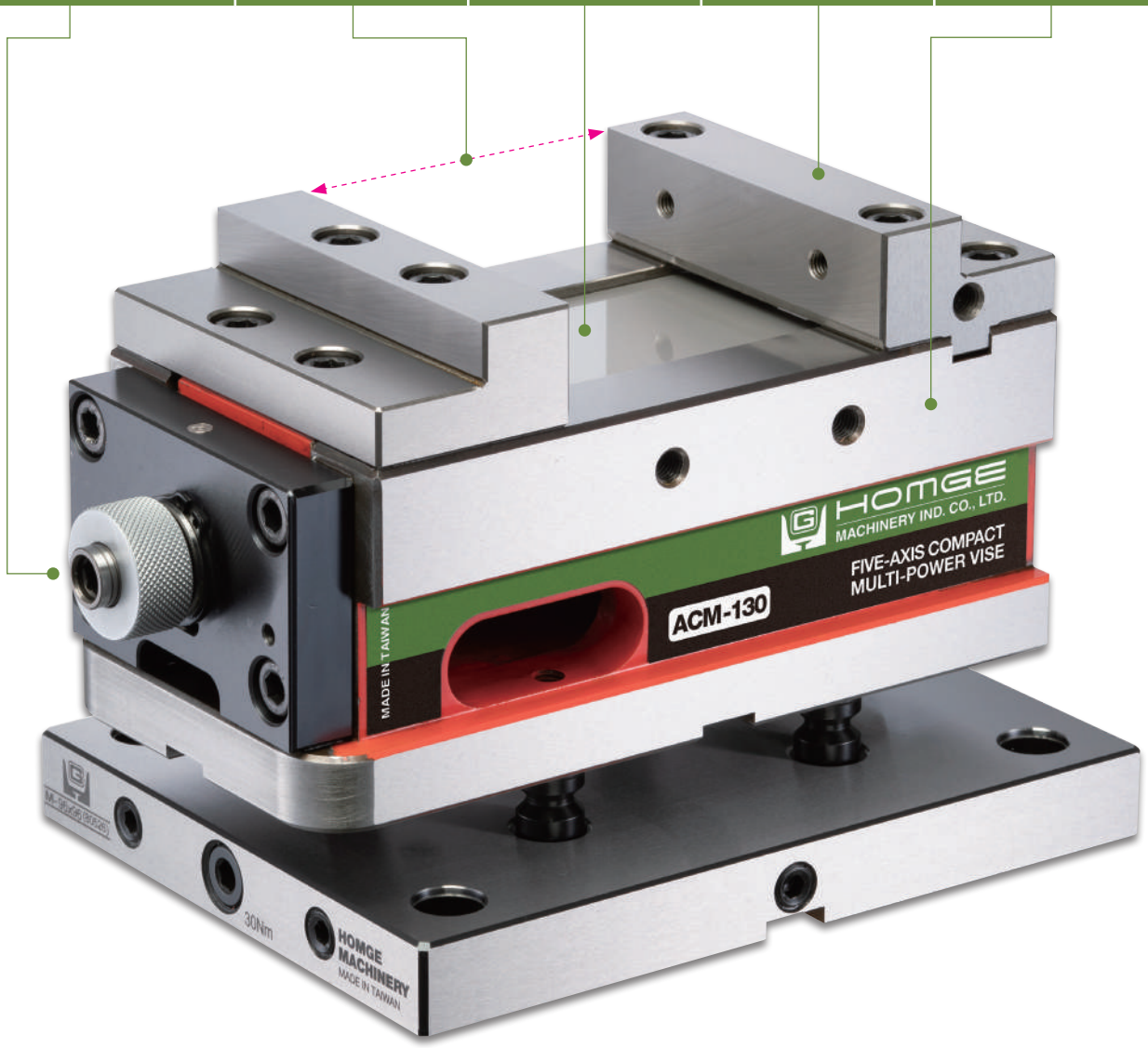
STANDARD ACCESSORIES:

- 2 pcs of Alignment Wedge
- 4 pcs of Clamp
- 1 pc of Wrench

OPTIONAL ACCESSORIES:

- Serrated Jaws
- Soft Jaws

1	2	3	4	5
Constructed from High Grade **BEARING STEEL**, the patented **MULTIPOWER SYSTEM** doubles the clamping force of the vise, offering a clamping force range of **0 to 5000kg** . Additionally, this system guarantees a consistent application of pressure, effectively eliminating concerns related to oil leakage commonly associated with hydraulic vises.	Compact design with **big jaw opening**, which enhances machine space utilization.	Special Leadscrew Covers protect Leadscrew from swarf and avoid any possible damage to internal parts.	Vise jaws are made of **High quality Tool Steel (SCM440)** and Hardened to achieve **HRC 55**, which makes vise clamp the workpieces easily and firmly.	Vise body is made of **Ductile Iron** above **FCD 60** grade and its slideways are **hardened** to **HRC 52**, which increase the tensile strength of the vise to ensure clamping accuracy.



Compatible with zero-point quick change devices.
Using with M-96x96 (8066G, 8067G, 8057G) is recommended.

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Optional Accessories

Clamping Jaws



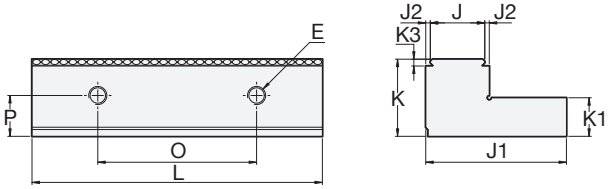


Soft Jaws

SPECIFICATIONS Unit: mm

for Model	J1	K	L	Weight (kg)
ACM-130	62	34	128	5
ACM-160	80	50	158	11





Serrated Jaws

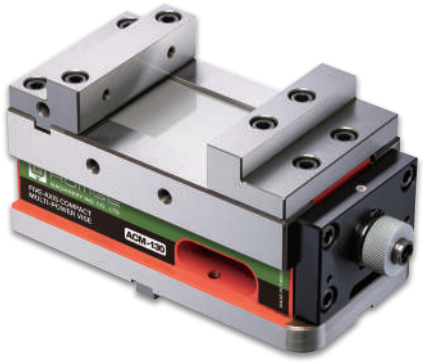
SPECIFICATIONS Unit: mm

for Model	E	J	J1	J2	K	K1	K3	L	O	P	Weight (kg)
ACM-130	M8	24	62	2	34	17	3	128	70	18	3
ACM-160	M10	35	80	2.5	50	25	3	158	90	25	7

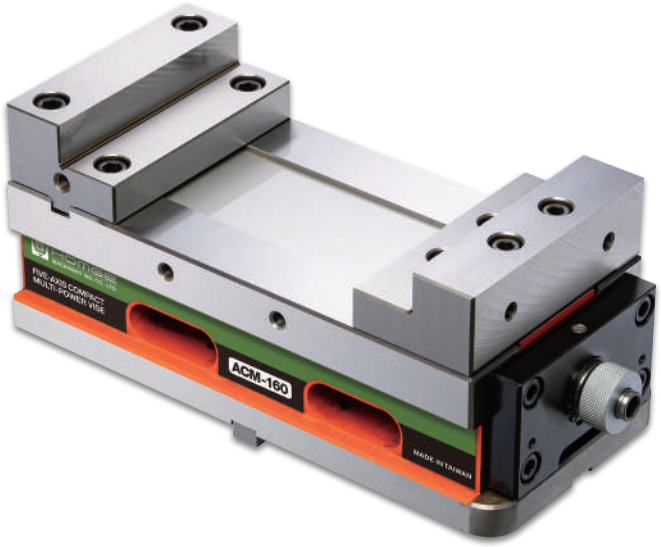
OPTIONAL ACCESSORIES:

- Rectangular Plate
- Multi Plate
- Pull Studs

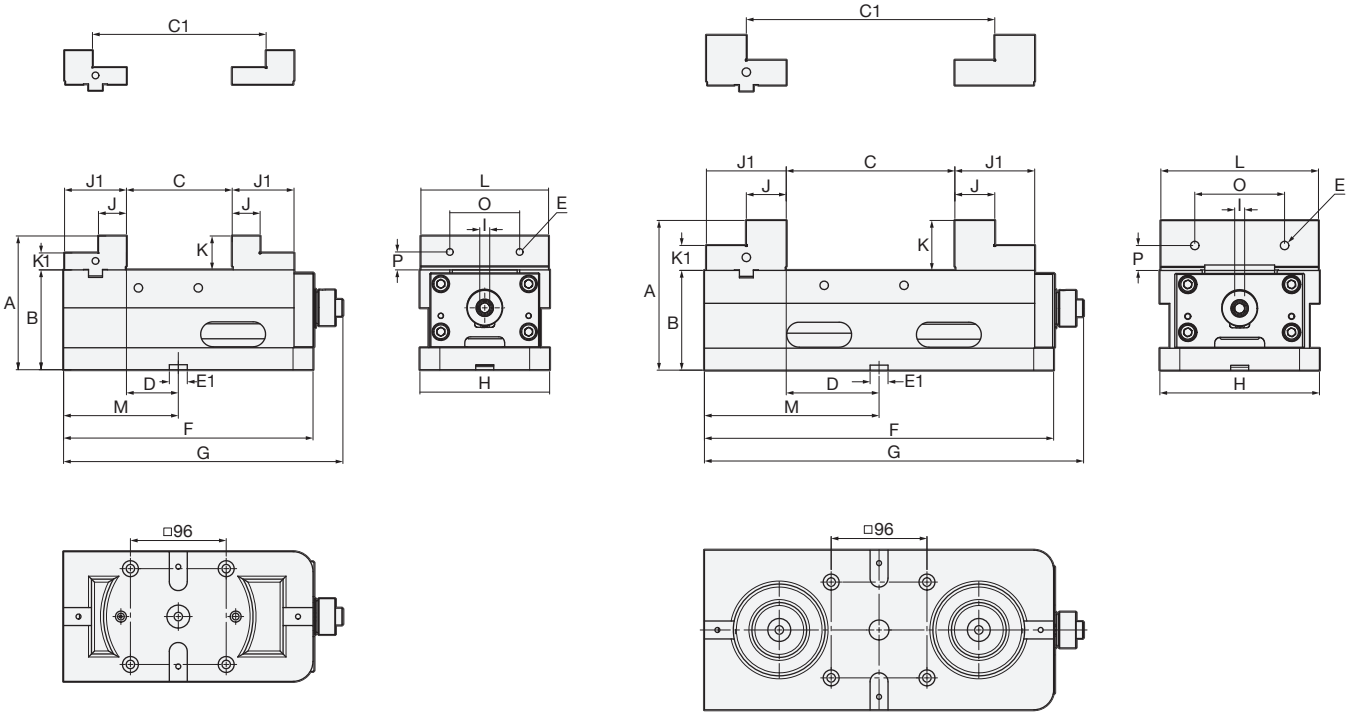
Please refer to Page 34
Zero Point Quick Change Devices



ACM-130



ACM-160



SPECIFICATIONS (Material: Vise body: Ductile Iron FCD60. Rail hardness: HRC 50 / Jaws SCM440. Hardness: HRC 50-52)

Unit: mm

Model	A	B	C	C1	D	E	E1	F	G	H	I	J	J1
ACM-130	134	100 ±0.01	105	173	52	M8	18	250	263	130	10	28	62
ACM-160	150	100 ±0.01	167	247	93	M10	18	350	363	160	10	40	80

Model	K	K1	L	M	O	P	Pull Studs	Max. Clamping Force	Weight (kg)
ACM-130	34	17	128	115	70	18	**M-96x96PS**	5000kg	22
ACM-160	50	25	158	175	90	25	**M-96x96PS**	5000kg	40

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HOMGE

CNC COMPACT MULTI-POWER SUPER VISE

Model: ACM-100S, 130S, 160S



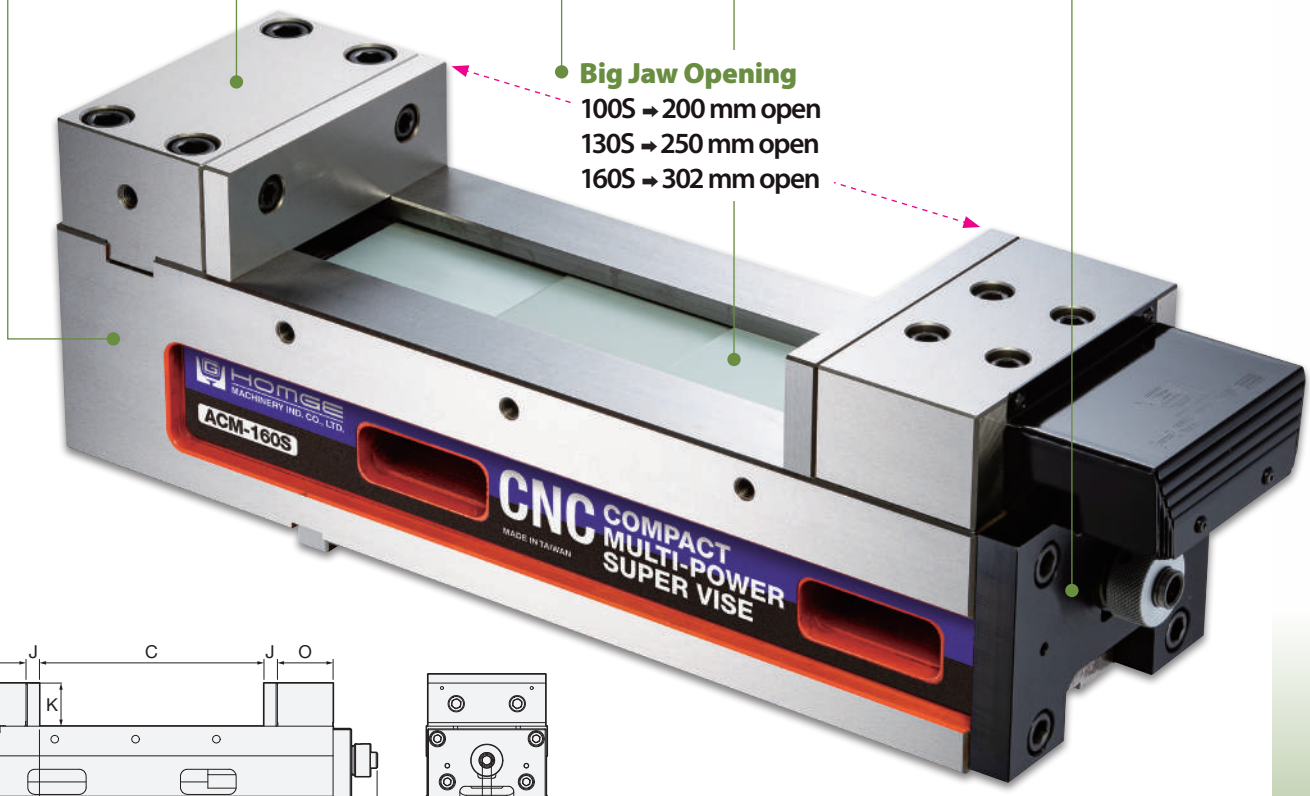
- Shortest Vise Body
- Big Jaw Opening
- Compact Multi-Power System clamping force **0-5000 kg**

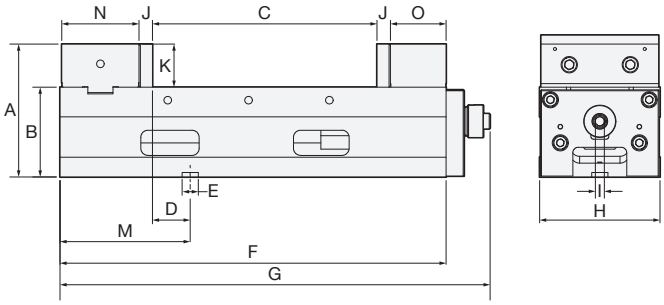


STANDARD ACCESSORIES:

- 2 pcs of Alignment Wedge
- 4 pcs of Clamp
- 1 pc of Wrench

1	2	3	4	5
Vise body is made of **Ductile Iron** above **FCD 60** grade and its slideways are **hardened** to **HRC 50**, which make the vise tensile strength with high precision accuracy.	Vise jaws are made of **High Quality Tool Steel (SCM440)** and Hardened to achieve **HRC 50**, which makes vise clamp the workpieces easily and firmly.	**Compact design** with **big jaw opening**, which enhances machine space utilization. Suitable for all kinds of horizontal and vertical CNC Machining Centers, also Tapping Centers.	Special Leadscrew Covers protect **Leadscrew** from swarf and avoid any possible damage to internal parts.	Constructed from High Grade **BEARING STEEL**, the patented **MULTIPOWER SYSTEM** doubles the clamping force of the vise, offering a clamping force range of **0 to 5000kg**. Additionally, this system guarantees a consistent application of pressure, effectively eliminating concerns related to oil leakage commonly associated with hydraulic vises.





SPECIFICATIONS (Material: Vise body: Ductile Iron FCD60. Rail hardness: HRC 50 / Fixed Jaw & Moveable Jaw: S50C. Hardness: HRC 50)

Unit: mm

Model	A	B	C	D	E	F	G	H	I	J	K	M	N	O	Max. Clamping Force	Weight (kg)
ACM-100S	140	100±0.01	**200**	68	18	352	411	100	10	15	40	145	60	62	**4000kg**	31
ACM-130S	148	100±0.01	**250**	42	18	430	479	134	10	15	48	145	86	62	**4000kg**	46
ACM-160S	168	115±0.01	**302**	42	18	500	549	161	10	15	53	145	86	80	**5000kg**	63

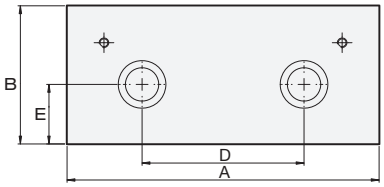
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Optional Accessories

Clamping Jaws



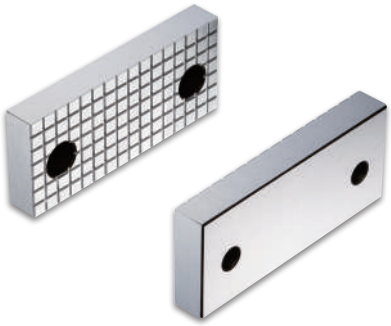
Outer Jaws



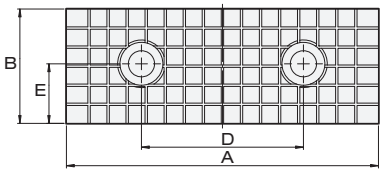
SPECIFICATIONS

Unit: mm

for Model	A	B	C	D	E	Max. Clamping Range	Weight (kg)
ACM-100S	101	50	20	58	22	350	1.6
ACM-130S	131	58	22	68	25	410	2.2
ACM-160S	158	63	21	98	32	498	2.4



Cross Grooved Jaws



SPECIFICATIONS

Unit: mm

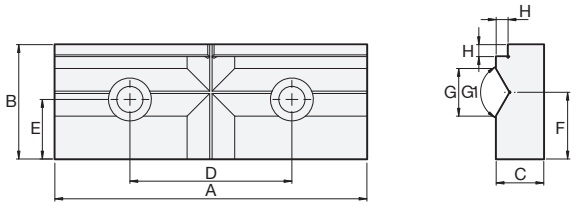
for Model	A	B	C	D	E	Weight (kg)
ACM-100S	101	40	15	58	18	0.9
ACM-130S	131	48	18	68	25	1.6
ACM-160S	158	53	18	98	32	2.3

Optional Accessories

Clamping Jaws



Combined Jaws

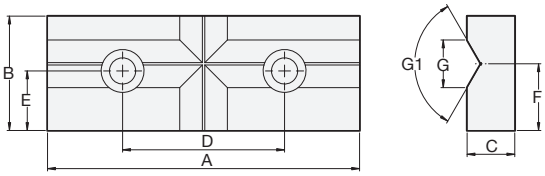


SPECIFICATIONS Unit: mm

for Model	A	B	C	D	E	F	G	G1	H	Weight (kg)
ACM-100S	101	40	18	58	18	22	18	120°	5	1.2
ACM-130S	131	48	20	68	25	28	20	120°	5	2
ACM-160S	158	53	20	98	32	24	20	120°	5	2.6



V Jaws

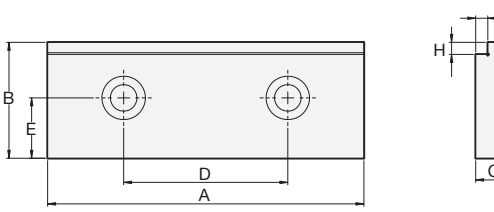


SPECIFICATIONS Unit: mm

for Model	A	B	C	D	E	F	G	G1	Weight (kg)
ACM-100S	101	40	18	58	18	22	18	120°	1.2
ACM-130S	131	48	20	68	25	28	20	120°	2
ACM-160S	158	53	20	98	32	24	20	120°	2.6



Step Jaws



SPECIFICATIONS Unit: mm

for Model	A	B	C	D	E	H	Weight (kg)
ACM-100S	101	40	15	58	18	5	1
ACM-130S	131	48	15	68	25	5	1.6
ACM-160S	158	53	21	98	32	5	2.8

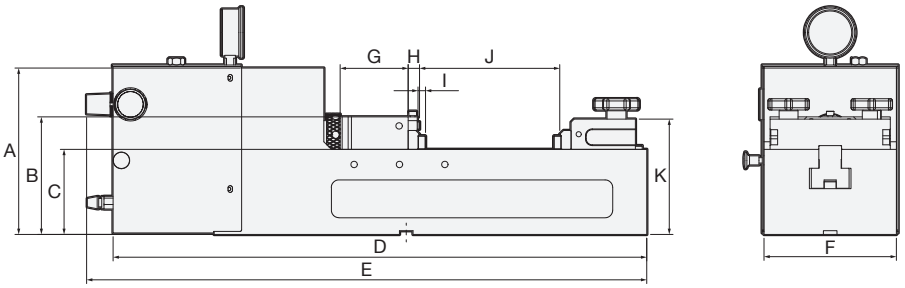
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STAMPING UNIT

Model: ASC-153

Prep outside the machine for faster changeovers, more reliable cutting, and a steady production tempo.





SPECIFICATIONS (Material: FCD 60 ductile Iron. Hardness: HRC 50)

Unit: mm

Model	A	B	C	D	E	F	G	H	I
ASC-153	220	155.5	112.5	706	741	175	90	15	10

Model	J	K	Stamping Force	Safety Range	Weight (kg)
ASC-153	185.5	152.5	**0-24000 kg**	10 mm	103

SIMPLE, QUICK & ACCURATE

ASC-153 Stamping Unit can easily shape tooth profile on the workpiece, which allows precise positioning between the workpiece and the vise.

1 OFF-MACHINE PREP — Serrations formed off-machine; load and cut immediately. No in-machine tweaks or trial cuts, sharply cutting setup time.

2 DIMENSIONAL STABILITY — Form-fit location resists vibration and shift over long runs, extending tool life and improving yield.

3 HIGH GRIP, LOW PRESSURE — Form-fit teeth deliver strong hold at lower clamping pressure—safer for thin-wall and cosmetic parts.

4 ADJUSTABLE PRESSURE — Built-in regulator lets you fine-tune pre-bite pressure by material and contact area, balancing grip and surface protection.

5 SPEC RANGE — Works with ≤35 HRC materials, 5–185mm parts, and up to 24t clamping force.

6 ECOSYSTEM INTEGRATION — Compatible with HOMGE 5-axis vises; pair with zero-point plate to complete the fixturing system and hold takt steady.

Simple setting, Quick pre-stamping, which can greatly improve the reliability of five-axis processing.

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How To Quickly Find Zero-Point Solution?

Beginner

CNC Machine Type?

- **Vertical CNC Machine**

3 Axis Machining

Recommend:

Base Plates p 37
Twin Bases p 63

4 Axis Machining

Recommend:

Base Plates p 37
Clamping Bridges p 58
Twin Bases p 63

- **Horizontal CNC Machine**

Recommend:

Tombstones p 66
Grid Plates p 43

- **5 Axis Machine**

Recommend:

Round Plates p 40
Multi Plates p 45
Risers p 53
Pyrimads p 69

The Right

Experienced User

Upgrade or New Needs

- **Precise positioning**

  Recommend:

  Base Plates p 37
  Twin Bases p 63

- **Maximize Space**

  Recommend:

  Multi Plates p 45
  Tombstones p 66
  Pyrimads p 69

- **High Flexibilty**

  Recommend:

  Adapter Plates p 49
  Combo Plates p 51

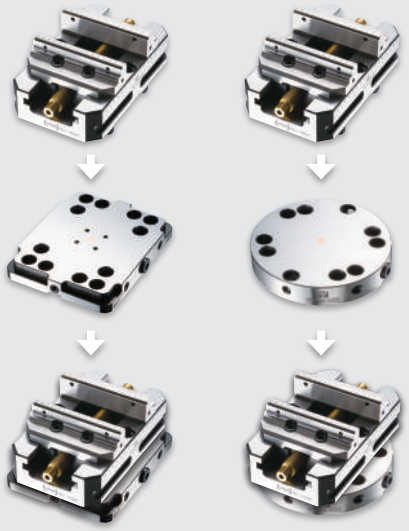
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ZERO POINT QUICK CHANGE DEVICES

Quick Change Device and its accessories (including Base Plate, Adapter Plate 52/96, Column, Riser Block, Multi Plate, Clamping Bridge, etc.) are highly modular, and their combination can satisfy different machine tools, fixtures and processes

- Installing Quick Change Device can greatly save the positioning time of the fixture during change over
- Installing Quick Change Device in the entire production line can effectively reduce the accumulated tolerance
- Fixtures can be rotated 90 degrees while maintaining centering accuracy
- Support common stud specifications in the market (52/ 96 mm bolt distance)
- Various specifications for flexible configuration, especially suitable for 4, 5-axis machine tool with limited bed space





Base Plates

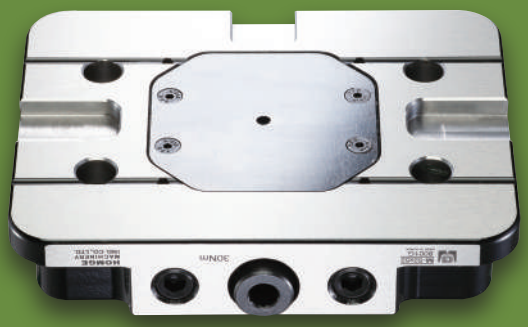
Base plate is made of High quality Steel (S50C) with heat treatment to HRC 46, then grounded precisely to ensure the durability and accuracy.

Repeatability: < 0.008 mm
Pull stud spacing: 52mm or 96mm

1. Mechanical clamping with a screw or fast actuation system
2. 4xM5 threads are used as positioning support for vises
3. 20 mm keyways for axial alignment
4. A flexible positioning solution for vertical and horizontal machining centers. Suitable for using on 3- and 5-axis machine tables and 4th axis rotary or trunnion systems.



FRONT



BACK

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Rectangular Plate

with clamping edge & mounting bores



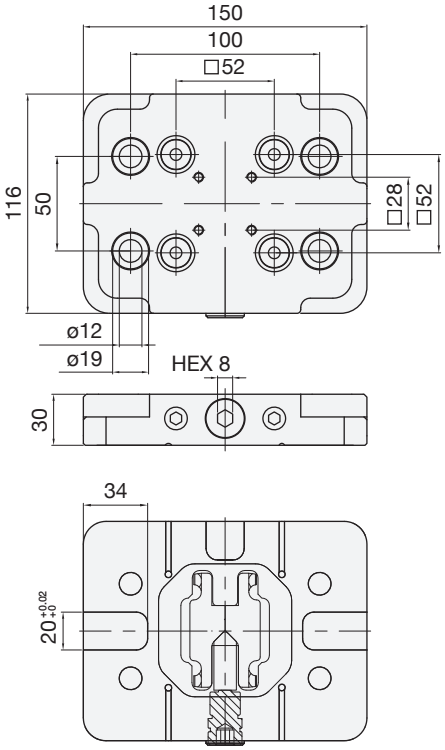
M-52x52 (8001G)

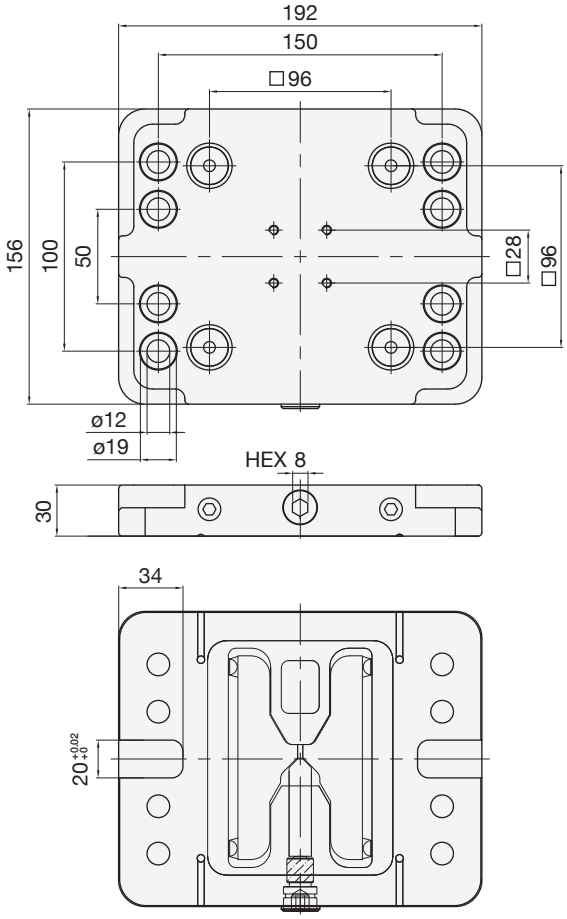
Size	150x116x30 mm
Pull Studs	M-52x52PS
Mounting Holes	100x50 mm
Weight (kg)	3.2



M-96x96 (8051G)

Size	192x156x30mm
Pull Studs	M-96x96PS
Mounting Holes	150x50/100 mm
Weight (kg)	6.4





Rectangular Plate

without clamping edge & mounting bores



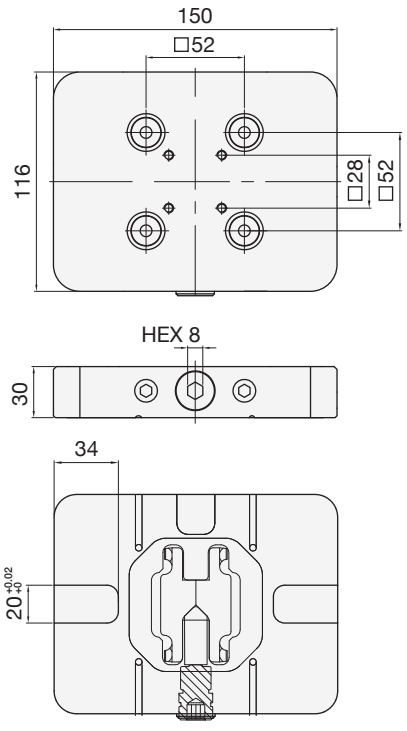
M-52x52 (8002G)

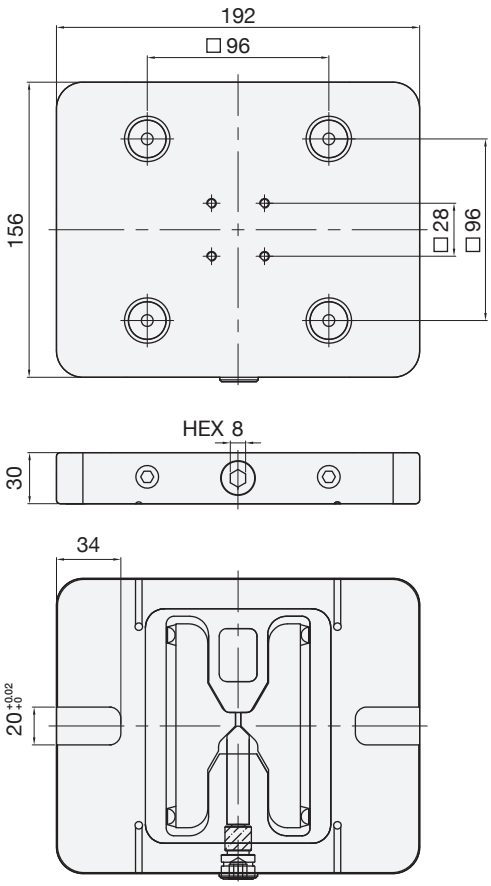
Size	150x116x30 mm
Pull Studs	M-52x52PS
Mounting Holes	–
Weight (kg)	4.2



M-96x96 (8052G)

Size	192x156x30 mm
Pull Studs	M-96x96PS
Mounting Holes	–
Weight (kg)	7.8





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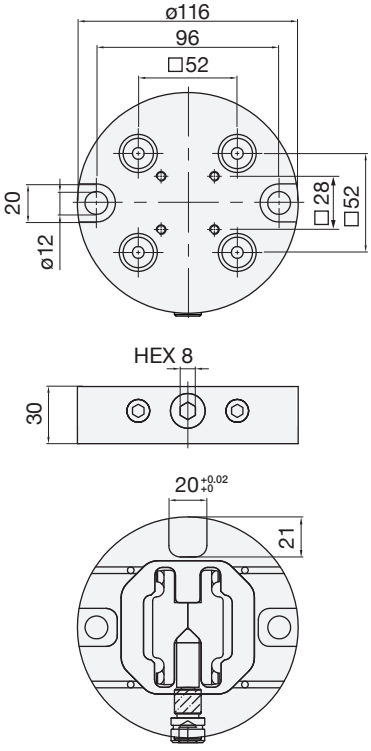
Round Plate

with clamping edge & mounting bores



M-52x52 (8004G)

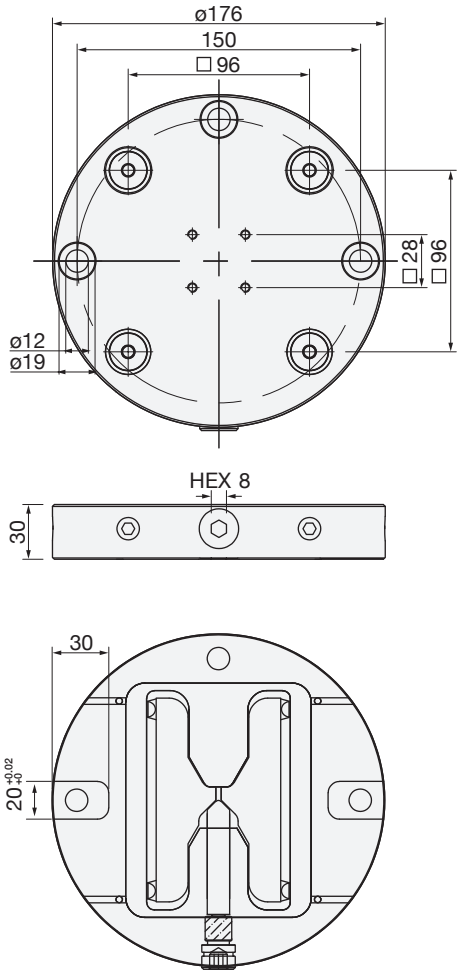
Size	Ø116x30 mm
Pull Studs	M-52x52PS
Mounting Holes	96 mm
Weight (kg)	2.2





M-96x96 (8053G)

Size	Ø176x30 mm
Pull Studs	M-96x96PS
Mounting Holes	150/ 60x126 mm
Weight (kg)	5.3



Round Plate

without clamping edge & mounting bores



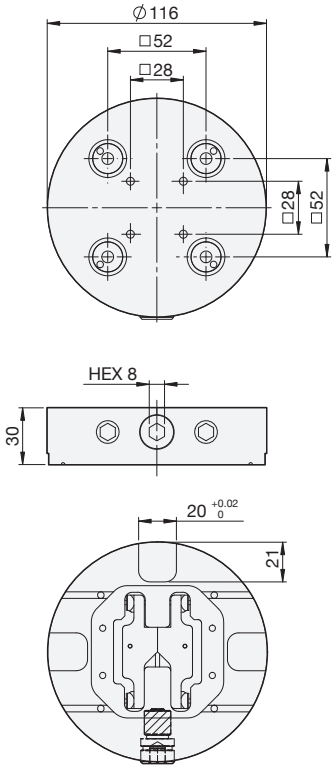
M-52x52 (8005G)

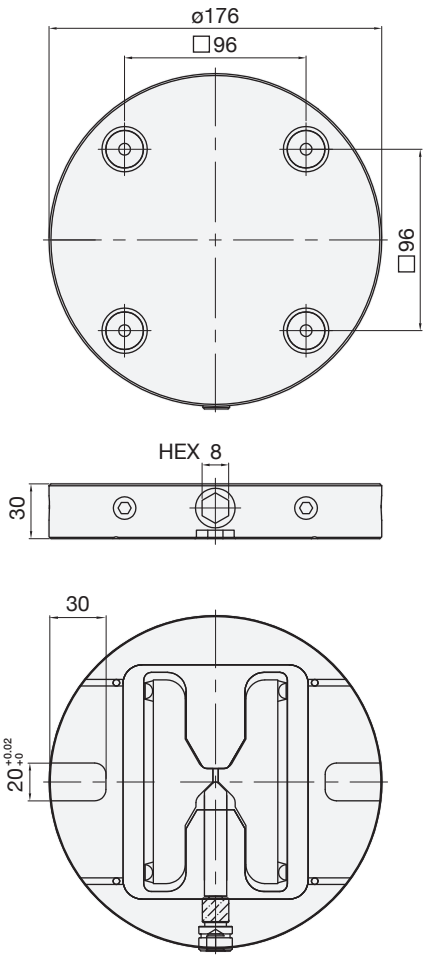
Size	Ø116x30 mm
Pull Studs	M-52x52PS
Mounting Holes	–
Weight (kg)	2.4



M-96x96 (8054G)

Size	Ø176x30 mm
Pull Studs	M-96x96PS
Mounting Holes	–
Weight (kg)	6





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HOMGE

Round Plate

with mounting bores for tables with 90° grooves



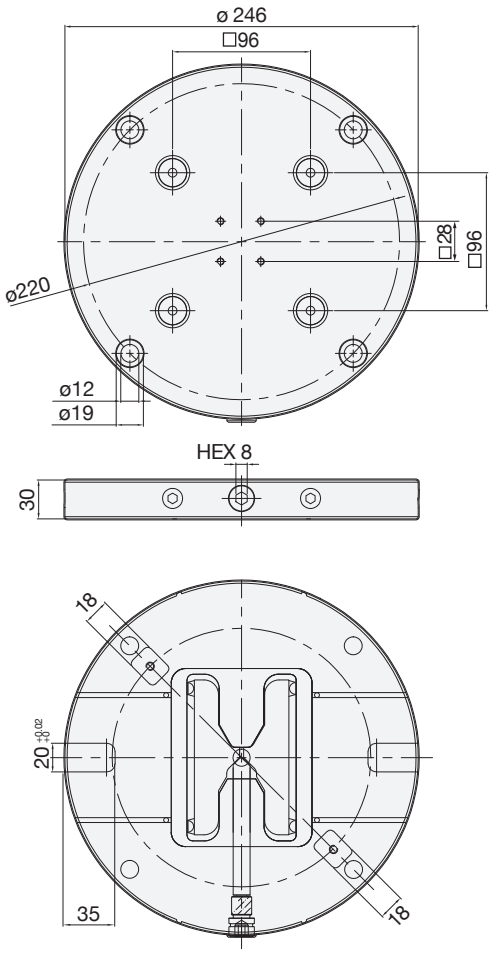


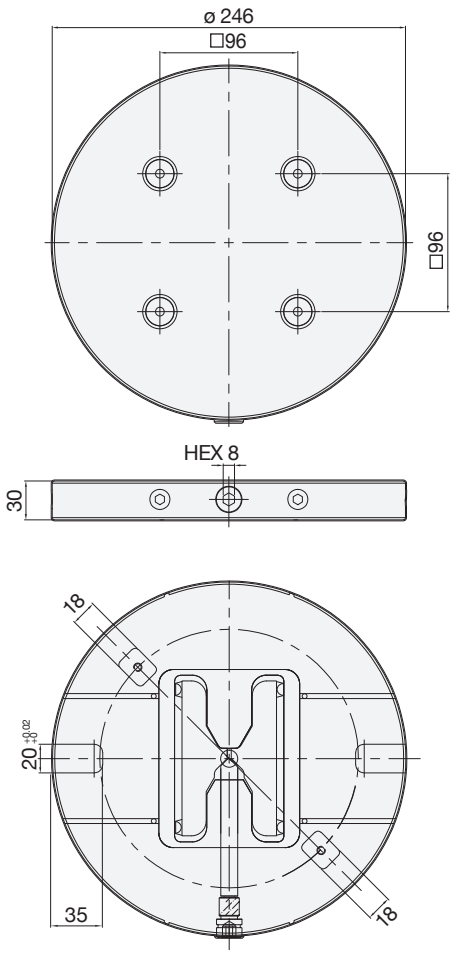
M-96x96 (8057G)

Size	Ø246x30 mm
Pull Studs	M-96x96PS
Mounting Holes	4x90°/ Diameter 220 mm
Weight (kg)	11.6

M-96x96 (8059G)

Size	Ø246x30 mm
Pull Studs	M-96x96PS
Mounting Holes	–
Weight (kg)	12.2





Grid Plates

GRID PLATE turns the Zero-Point interface into a modular, tile-able system. Each plate mates seamlessly with the next, so you can start with a single unit and extend coverage as budgets or jobs grow—no redesign, just add another tile.

This puzzle-like fit also lets you cover columns, risers, or rotary trunnions with one continuous reference surface. Three-axis mills and multi-side setups gain the same flexibility as a full multi-station table, but at a much lower cost. Expand your workspace piece by piece while every fixture stays on the standard pull-stud pattern.



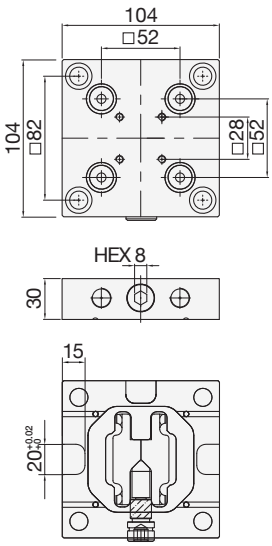
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Grid Plate



M-52x52 (8011G)

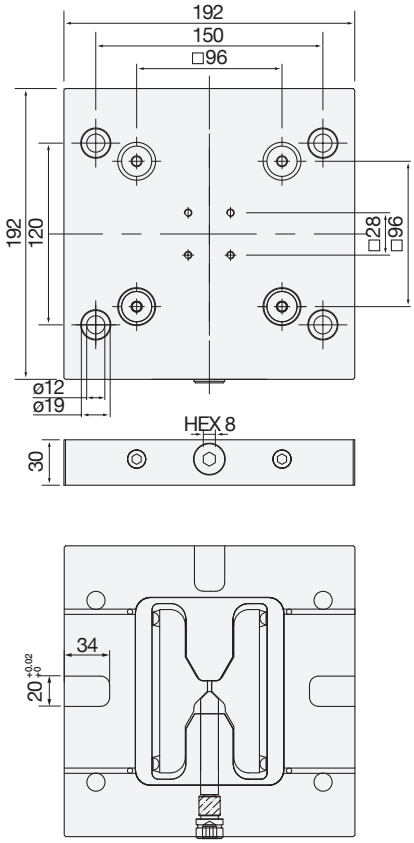
Size	104x104x30 mm
Pull Studs	M-52x52PS
Mounting Holes	82x82 mm
Weight (kg)	2.3





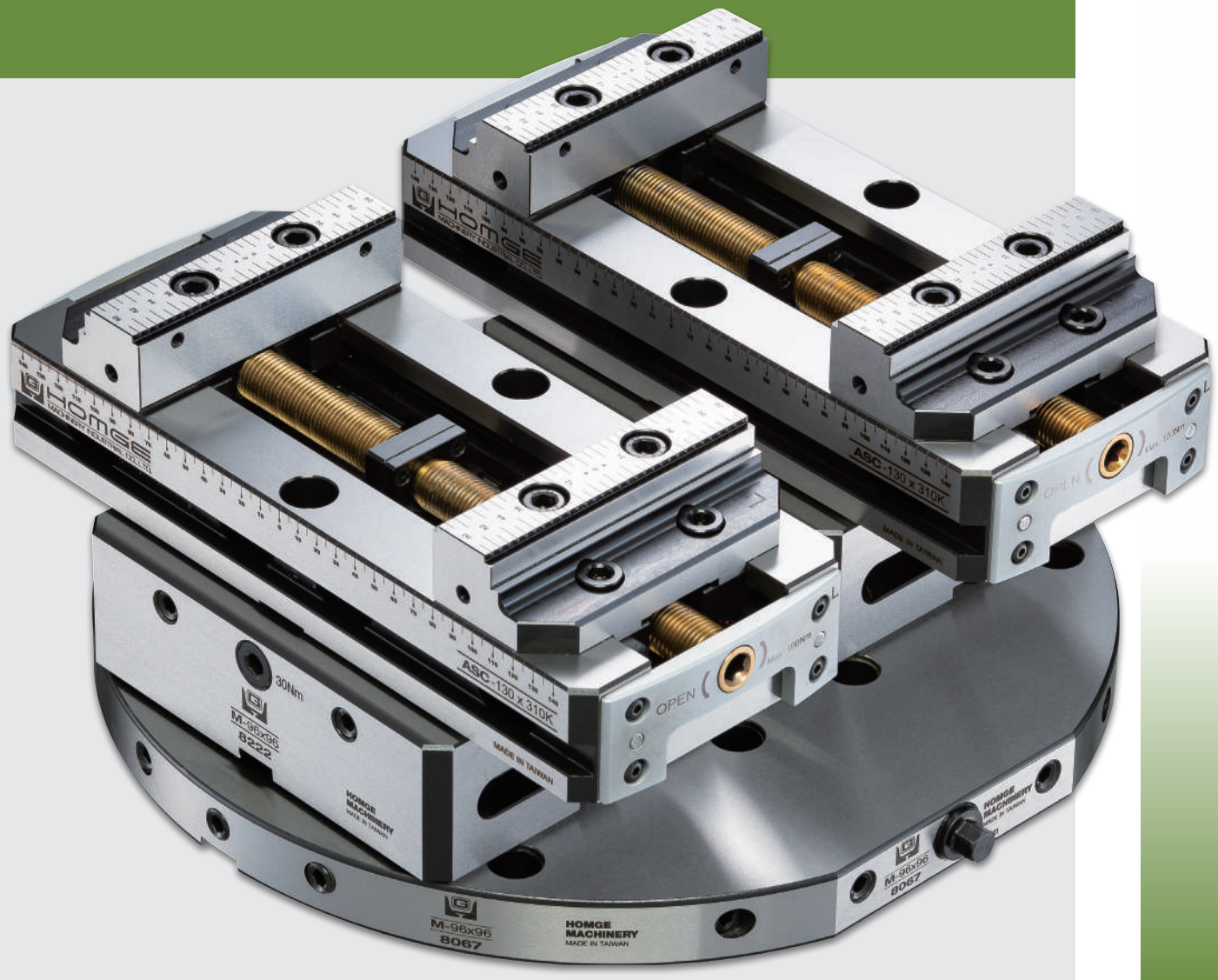
M-96x96 (80522G)

Size	192x192x30 mm
Pull Studs	M-96x96PS
Mounting Holes	150x120 mm
Weight (kg)	7.6



Multi Plates

Multi plates provide more positioning points, allowing users to effectively use the space of machine tables; whether it is fixing a single large workpiece or multiple small parts, the fixture positioning is fast and accurate



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HOMGE

Multi Plate / 2-Fold Grid Plate

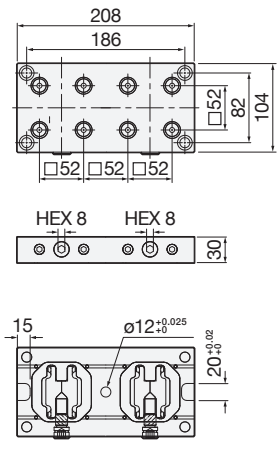
RECTANGULAR

with Mounting Bores



M-52x52 (7062G)

Size	208x104x30 mm
Pull Studs	M-52x52PS
Mounting Holes	186x82 mm
Weight (kg)	4.6
Standard Accessories	Cover Plug M-52x52CPS x 8 pcs Cover Plug with Hook M-52x52H x 2 pcs Cover Plug Remover x 1 pc

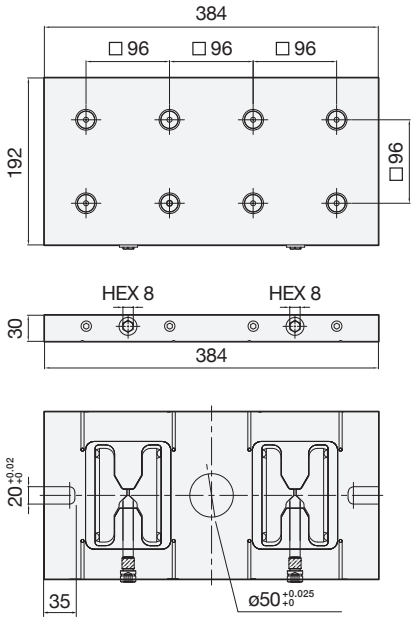


without Mounting Bores



M-96x96 (8062G)

Size	384x192x30 mm
Pull Studs	M-96x96PS
Mounting Holes	–
Weight (kg)	14
Standard Accessories	Cover Plug M-96x96CPS x 8 pcs Cover Plug with Hook M-96x96H x 2 pcs Cover Plug Remover x 1 pc



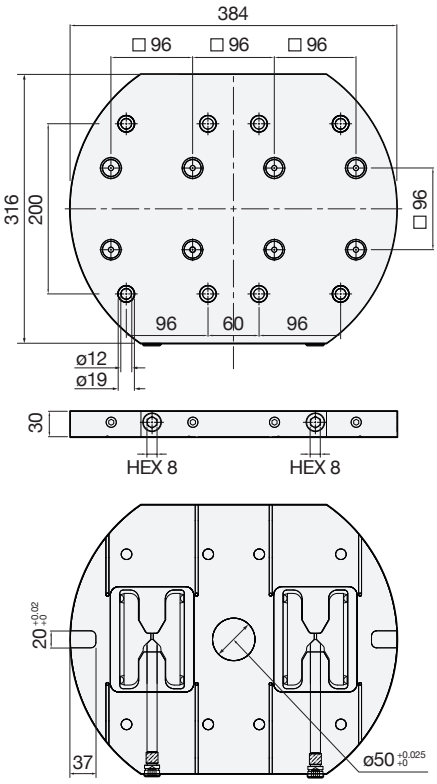
ROUND

with Mounting Bores for 100mm T-Slot distance



M-96x96 (8067G)

Size	Ø384x316x30 mm
Pull Studs	M-96x96PS
Mounting Holes	as the drawing shown
Weight (kg)	21.2
Standard Accessories	Cover Plug M-96x96CPS x 8 pcs Cover Plug with Hook M-96x96H x 2 pcs Cover Plug Remover x 1 pc



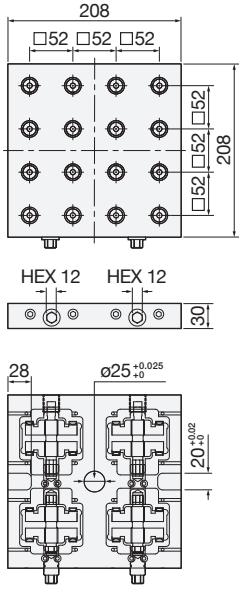
Multi Plate / 4-Fold Grid Plate

M-52x52
without Mounting Bores



M-52x52 (8026G)

Size	208x208x30 mm
Pull Studs	M-52x52PS
Mounting Holes	–
Weight (kg)	11
Standard Accessories	Cover Plug M-52x52CPS x 16 pcs Cover Plug with Hook M-52x52H x 2 pcs Cover Plug Remover x 1 pc

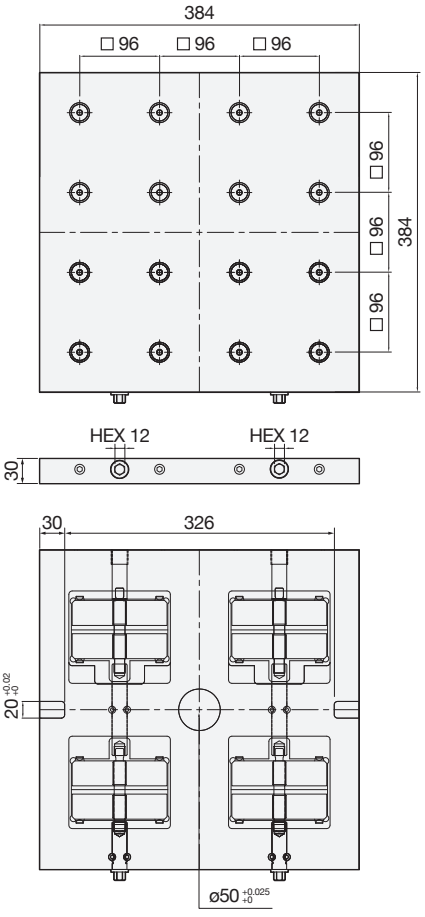


M-96x96
without Mounting Bores



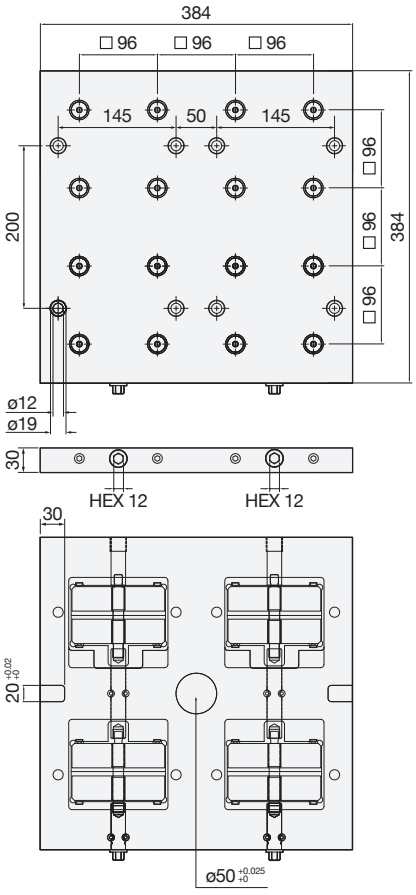
M-96x96 (8066G)

Size	384x384x30 mm
Pull Studs	M-96x96PS
Mounting Holes	–
Weight (kg)	32
Standard Accessories	Cover Plug M-96x96CPS x 16 pcs Cover Plug with Hook M-96x96H x 2 pcs Cover Plug Remover x 1 pc



M-96x96 (8066G-M)

Size	384x384x30 mm
Pull Studs	M-96x96PS
Mounting Holes	as the drawing shown
Weight (kg)	31.5
Standard Accessories	Cover Plug M-96x96CPS x 16 pcs Cover Plug with Hook M-96x96H x 2 pcs Cover Plug Remover x 1 pc



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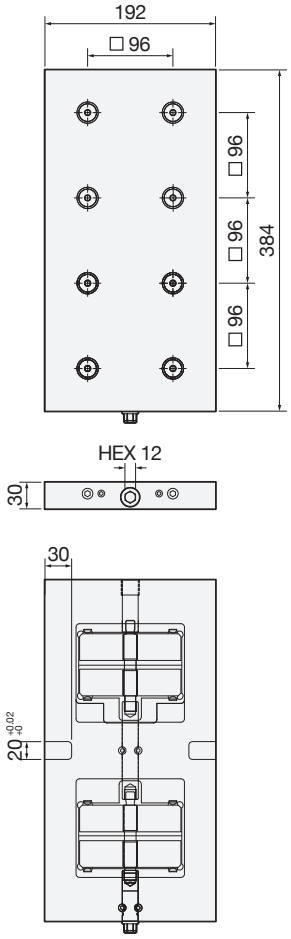
Multi Plate / Side-Mounted Plate

M-96x96
2-Fold



M-96x96 (8088G)

Size	384x192x30 mm
Pull Studs	M-96x96PS
Mounting Holes	–
Weight (kg)	15.7
Standard Accessories	Cover Plug M-96x96CPS x 8 pcs Cover Plug with Hook M-96x96H x 2 pcs Cover Plug Remover x 1 pc



Adapter Plates-52/96

For users of our 96mm Zero-Point Positioning System who are looking to integrate the 52mm standard, we recommend our Adapter Plate. This design allows for a smooth transition between standards without the need for recalibration.



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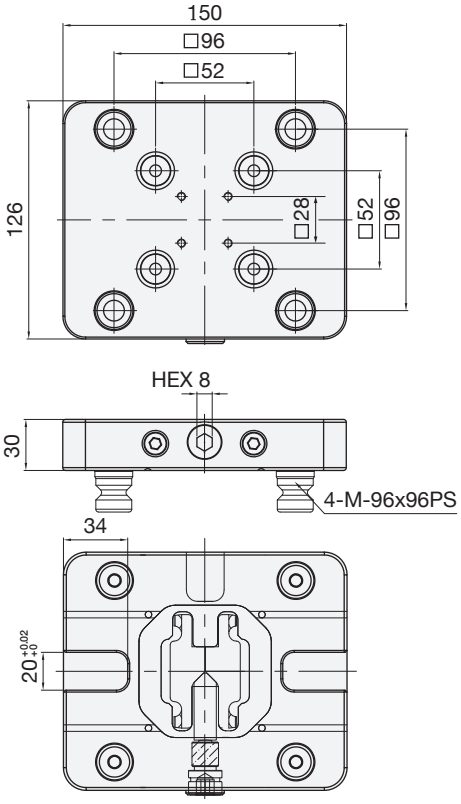
Adapter Plates

Rectangular Adapter Plate



M-52x96 (8003G)

Size	150x126x30 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	96x96 mm
Weight (kg)	4.9

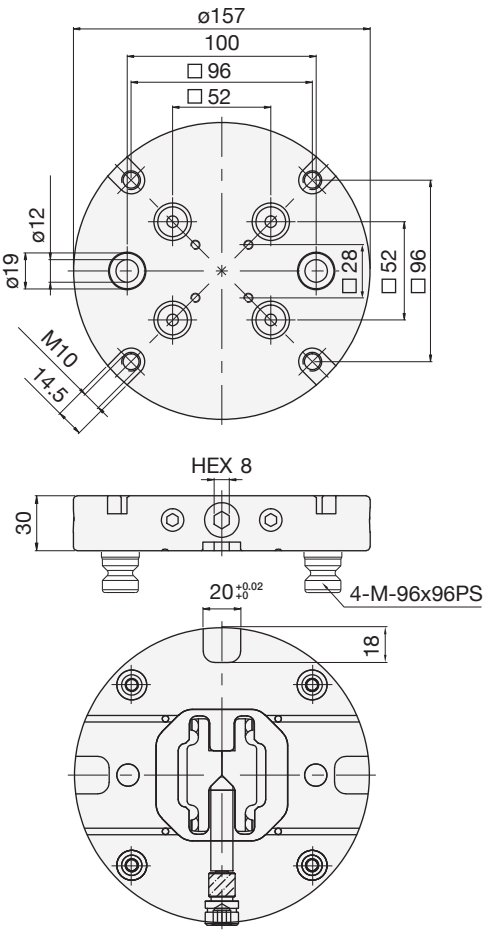


Round Adapter Plate



M-52x96 (8006G)

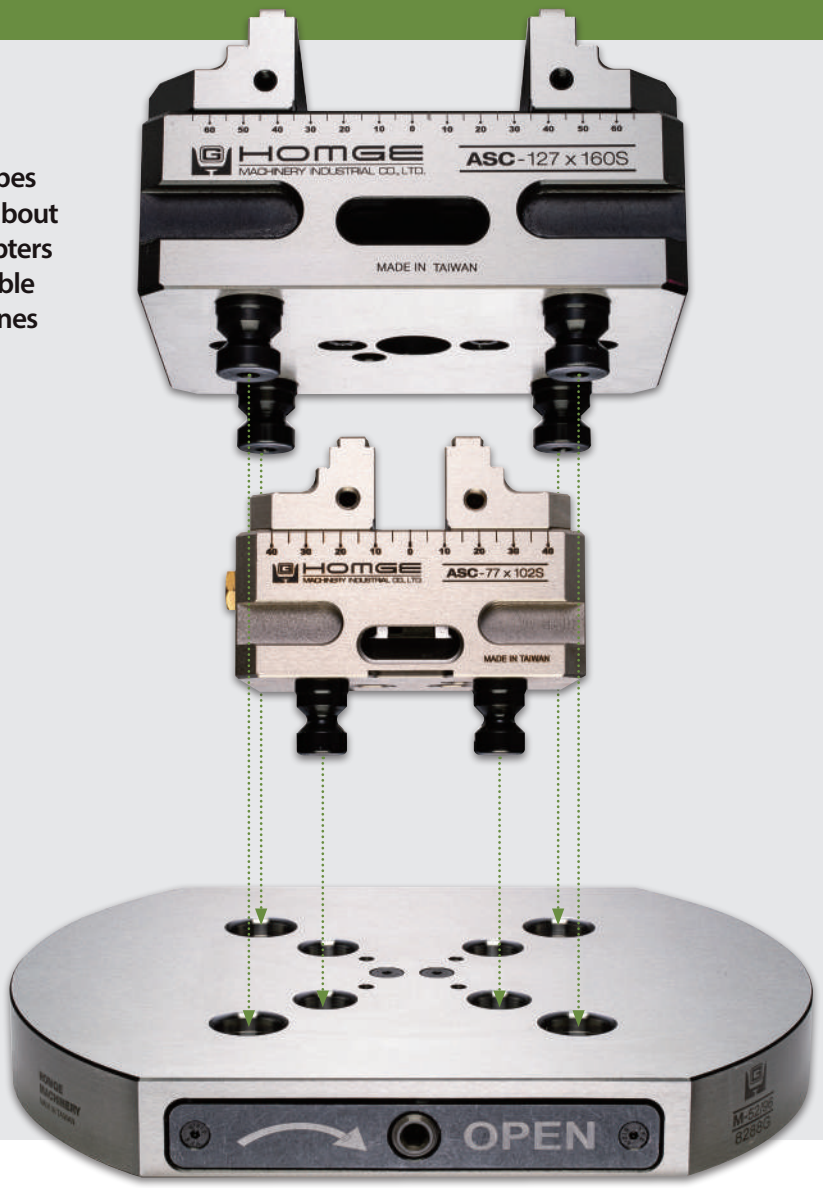
Size	Ø157x30 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	100/ 96x96 mm
Weight (kg)	4.5



Combo Plates

COMBO Plate unites 52 mm and 96 mm pull-stud patterns in a single design, preserving the sub-micron repeatability of our Zero-Point series while giving fixtures from either standard a direct, drop-in fit. For almost every plate in the range, a COMBO version is available, so system changeovers never limit your setup options.

Dual compatibility brings two clear gains. Fixture planning becomes straightforward—vises, risers, or cubes can be swapped without worrying about stud spacing—and eliminating adapters trims the stack height, freeing valuable envelope on 3-, 4-, and 5-axis machines and reducing collision risk.



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Combo Plates



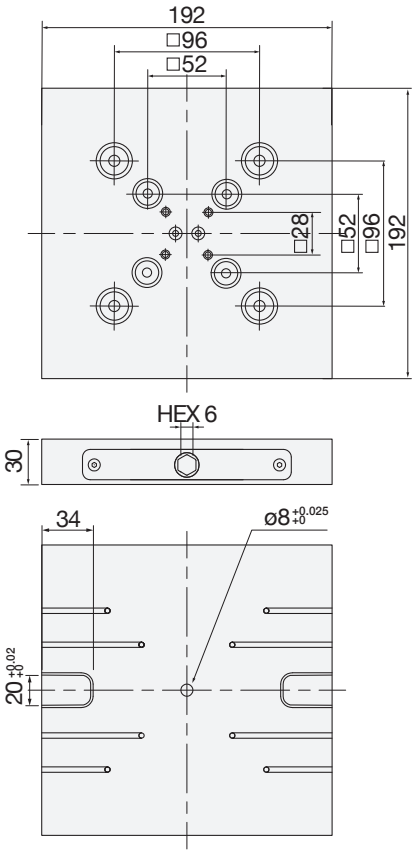
M-52/96 (8287G)

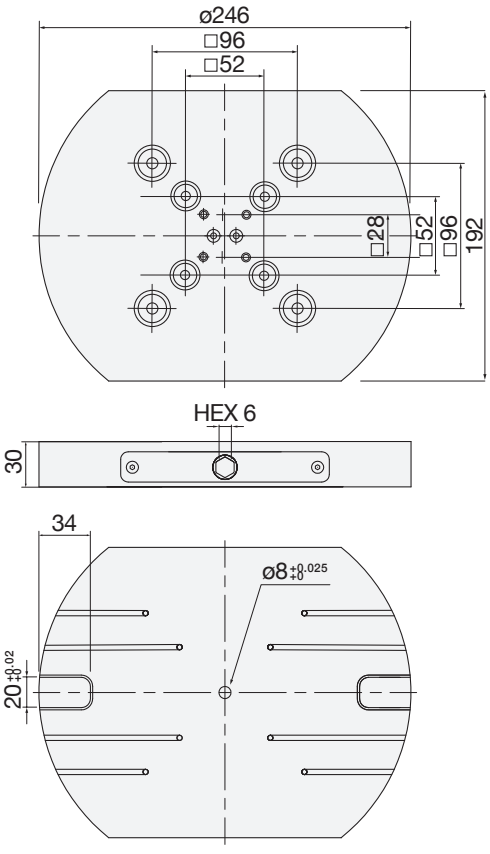
Size	192x192x30 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	–
Weight (kg)	9.4



M-52/96 (8288G)

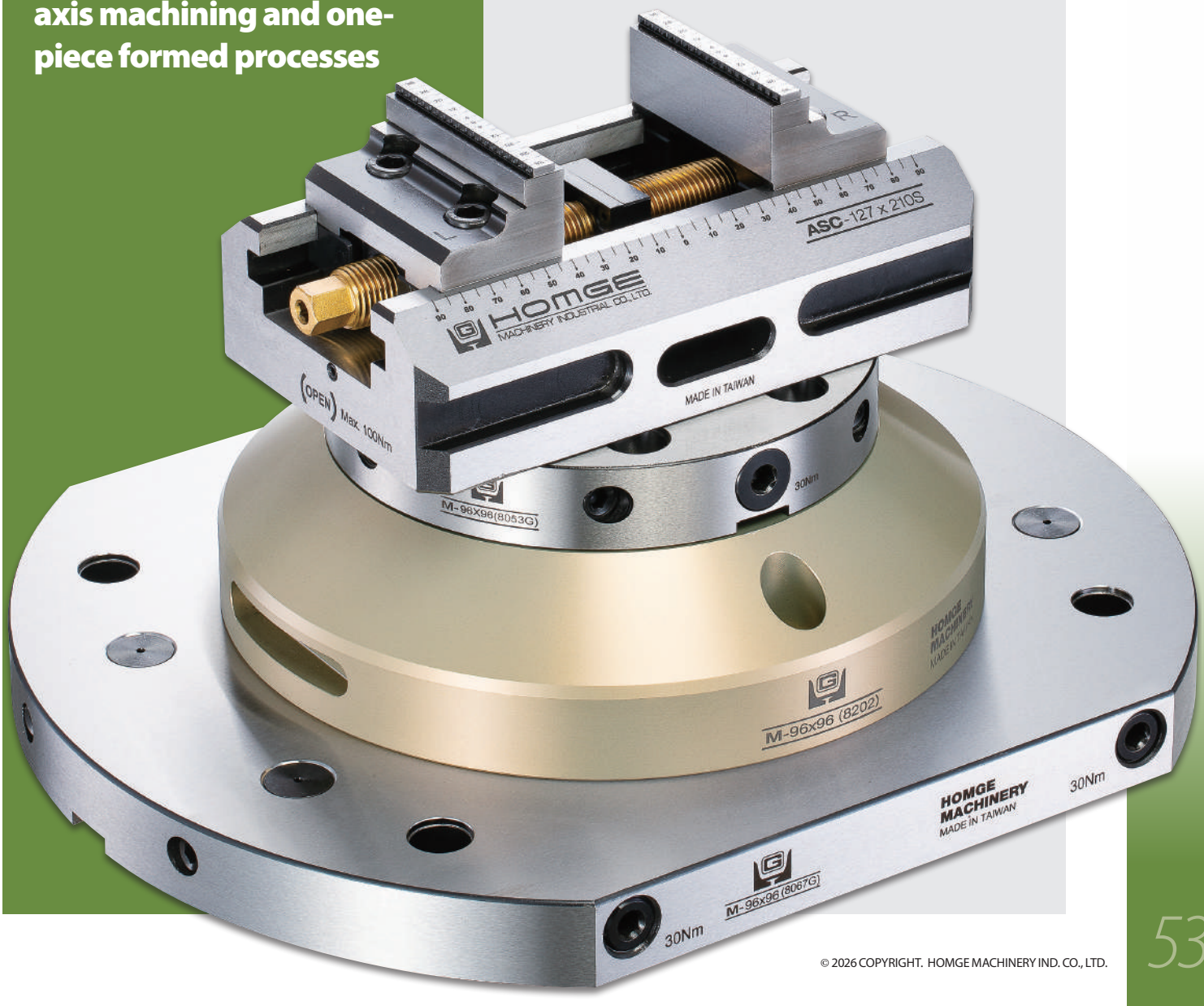
Size	Ø246x30 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	–
Weight (kg)	10.6





Riser Blocks

Riser Block provides sufficient space for tool feed by reducing the interference between the bed and the machining tool Suitable for multi-axis machining and one-piece formed processes



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Rectangular Riser

(Height: 60 mm)



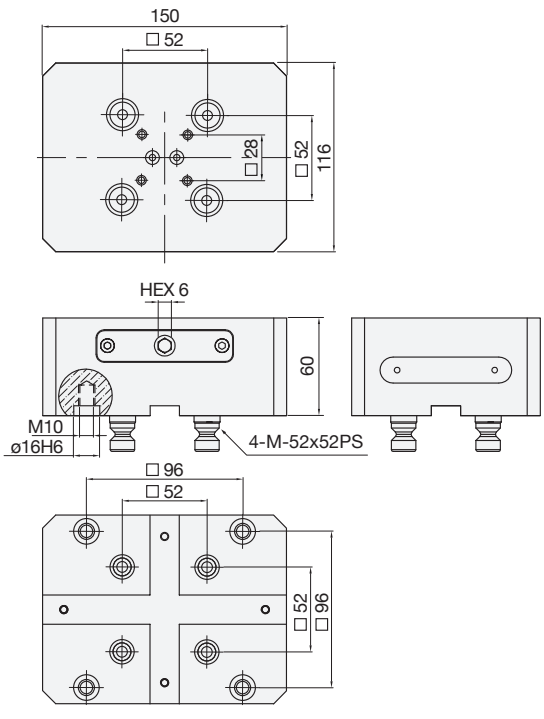
M-52x52 (3131G)

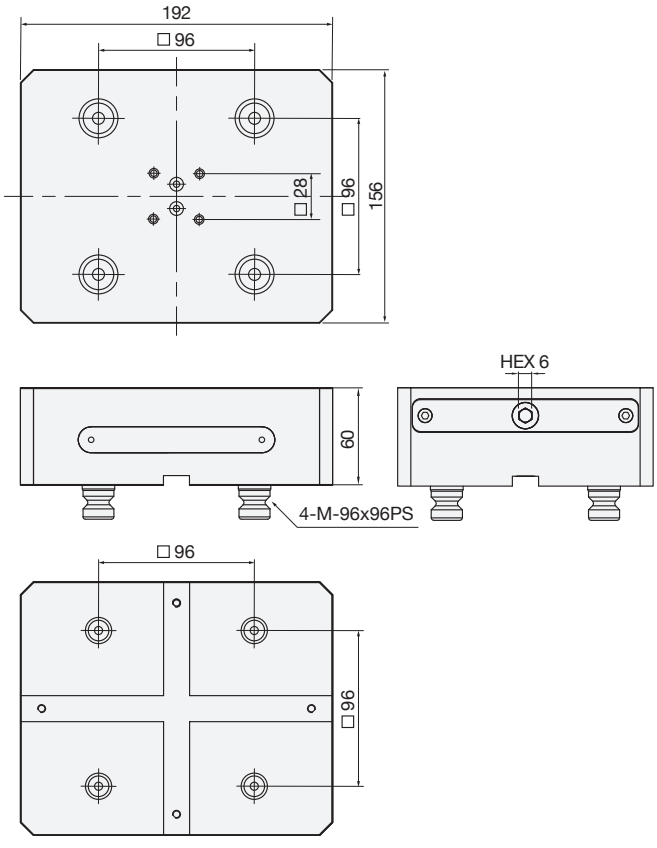
Size	150x116x60 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	–
Weight (kg)	7.9



M-96x96 (8222G)

Size	192x156x60 mm
Pull Studs	M-96x96PS
Mounting Holes	–
Weight (kg)	13.5





Rectangular Riser

(Height: 100 mm)



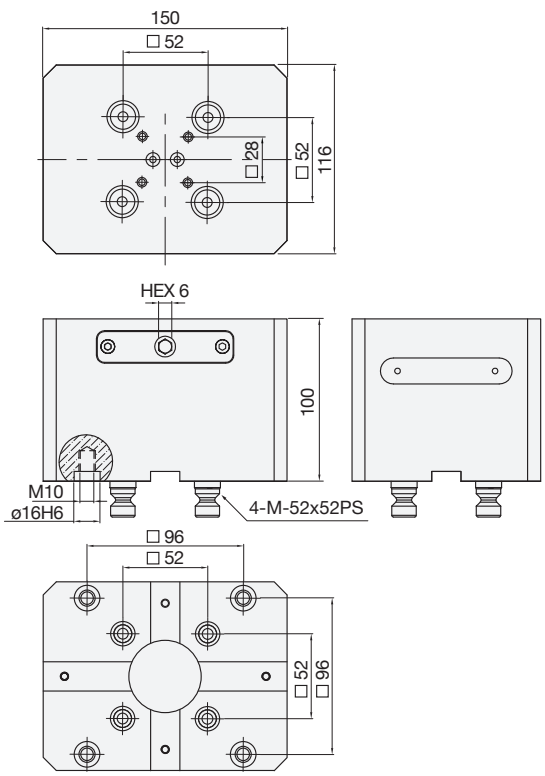
M-52x52 (3133G)

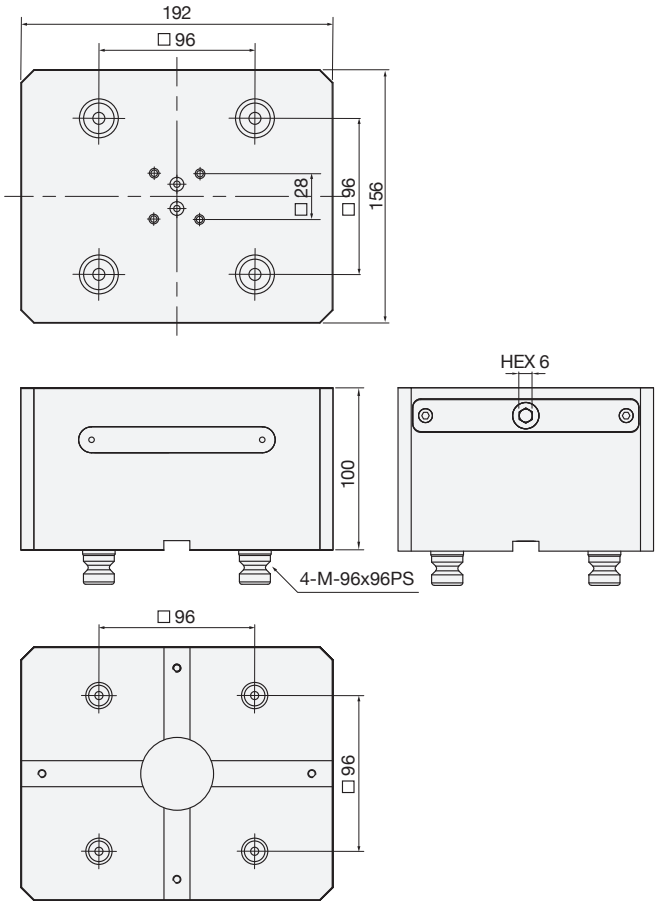
Size	150x116x100 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	–
Weight (kg)	12.9



M-96x96 (8226G)

Size	192x156x100 mm
Pull Studs	M-96x96PS
Mounting Holes	–
Weight (kg)	22.5





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Rectangular Riser (Combo)



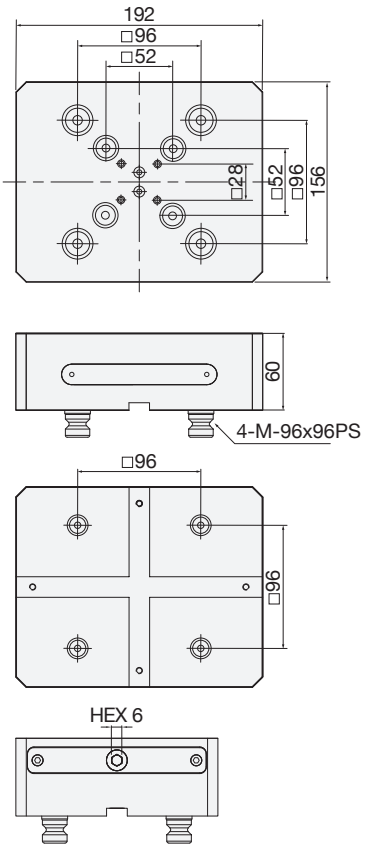
M-52/96 (8282G)

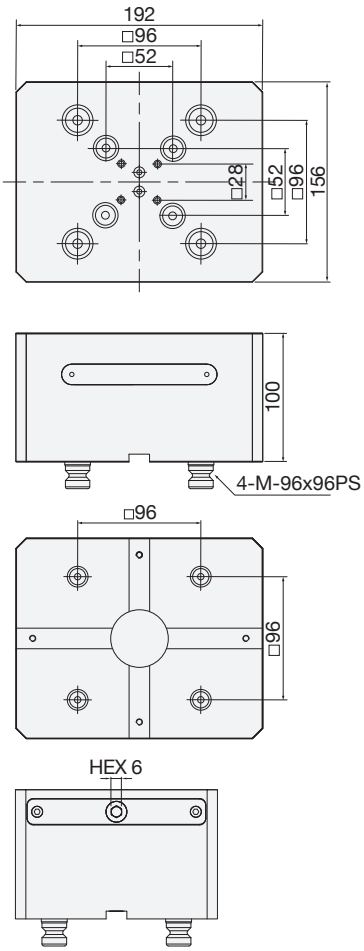
Size	192x156x60 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	–
Weight (kg)	12.5



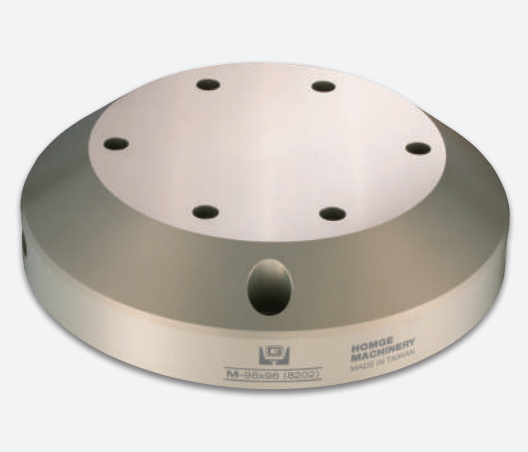
M-52/96 (82822G)

Size	192x156x100 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	–
Weight (kg)	18.1



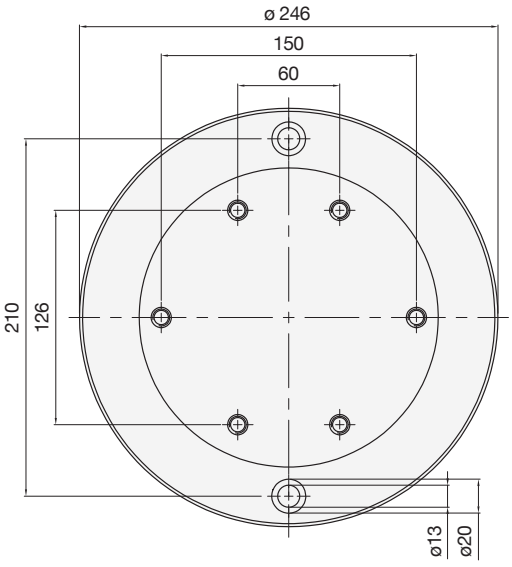


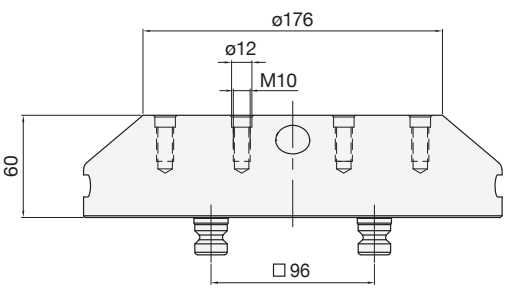
Round Aluminum Riser

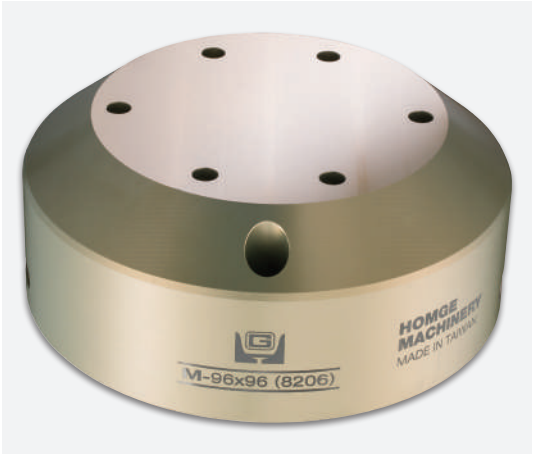


M-96x96 (8202)

Size	ø246x60 mm
Pull Stud No.	M-96x96PS
Mounting Holes	210 mm / 150 mm / 60x126 mm
Weight (kg)	7
Material	Aluminum

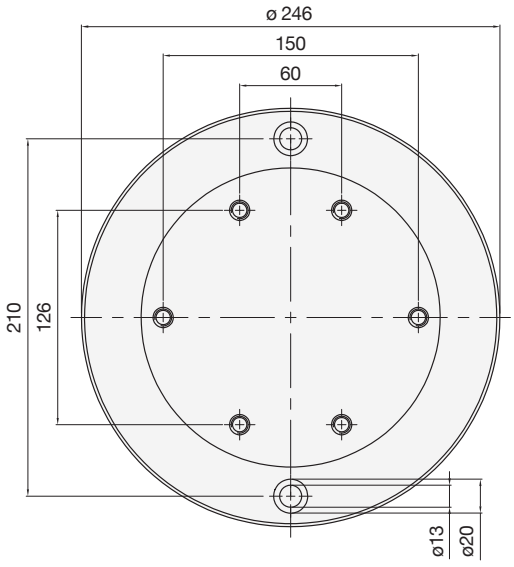


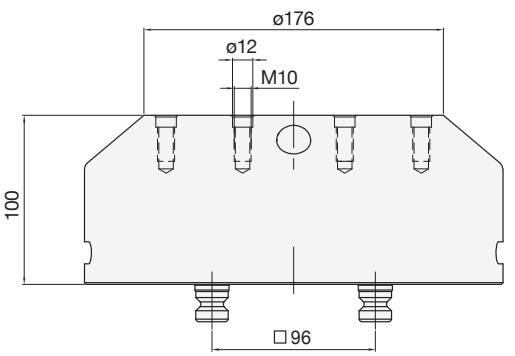




M-96x96 (8206)

Size	ø246x100 mm
Pull Stud No.	M-96x96PS
Mounting Holes	210 mm / 150 mm / 60x126 mm
Weight (kg)	12
Material	Aluminum





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Clamping Bridges

BRIDGE brings the Zero-Point interface onto 4-axis rotary bridge plates, turning a 3-axis mill plus a fourth-axis table into a genuinely flexible cell. A single, repeatable locating grid replaces dedicated pallets and unifies fixture management, so every station can run any mix of parts without re-engineering the setup.

Beyond the plate itself, our engineering team provides the custom adapters, L-blocks, and air-or-oil routing solutions you need, tuned to your specific rotary unit. This technical support removes the usual integration hurdles and lets you step into high-mix, low-volume production with confidence.



FRONT



BACK

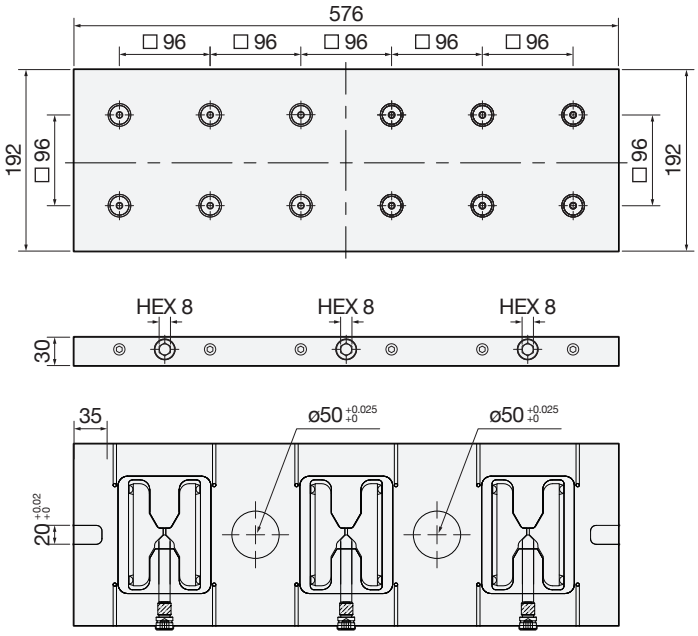
Clamping Bridge

Single Clamping Bridge



M-96x96 (8072G)

Size	576x192x30 mm
Pull Studs	M-96x96PS
Mounting Holes	–
Weight (kg)	24.3
Standard Accessories	Cover Plug M-96x96CPS x 12 pcs Cover Plug with Hook M-96x96H x 2 pcs Cover Plug Remover x 1 pc



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HOMGE

Clamping Bridge

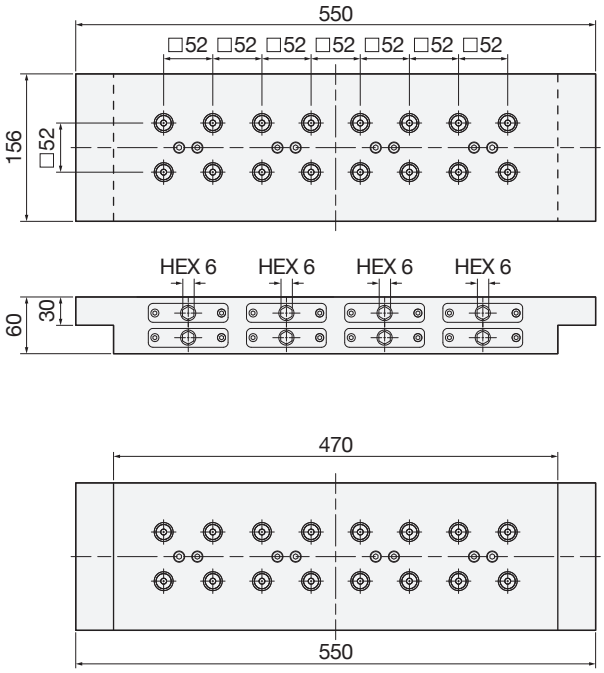
Twin Clamping Bridge





M-52x52 (8022G)

Size	550x156x60 mm
Pull Studs	M-52x52PS
Mounting Holes	–
Weight (kg)	34.2
Standard Accessories	Cover Plug M-52x52CPS x 32 pcs Cover Plug with Hook M-52x52H x 2 pcs Cover Plug Remover x 1 pc



Clamping Bridge (Combo)

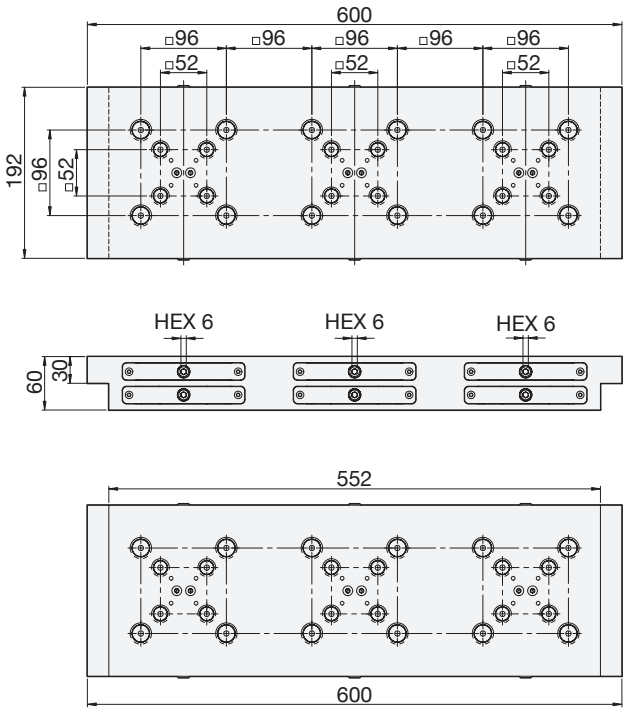
Twin Clamping Bridge





M-52/96 (80722G)

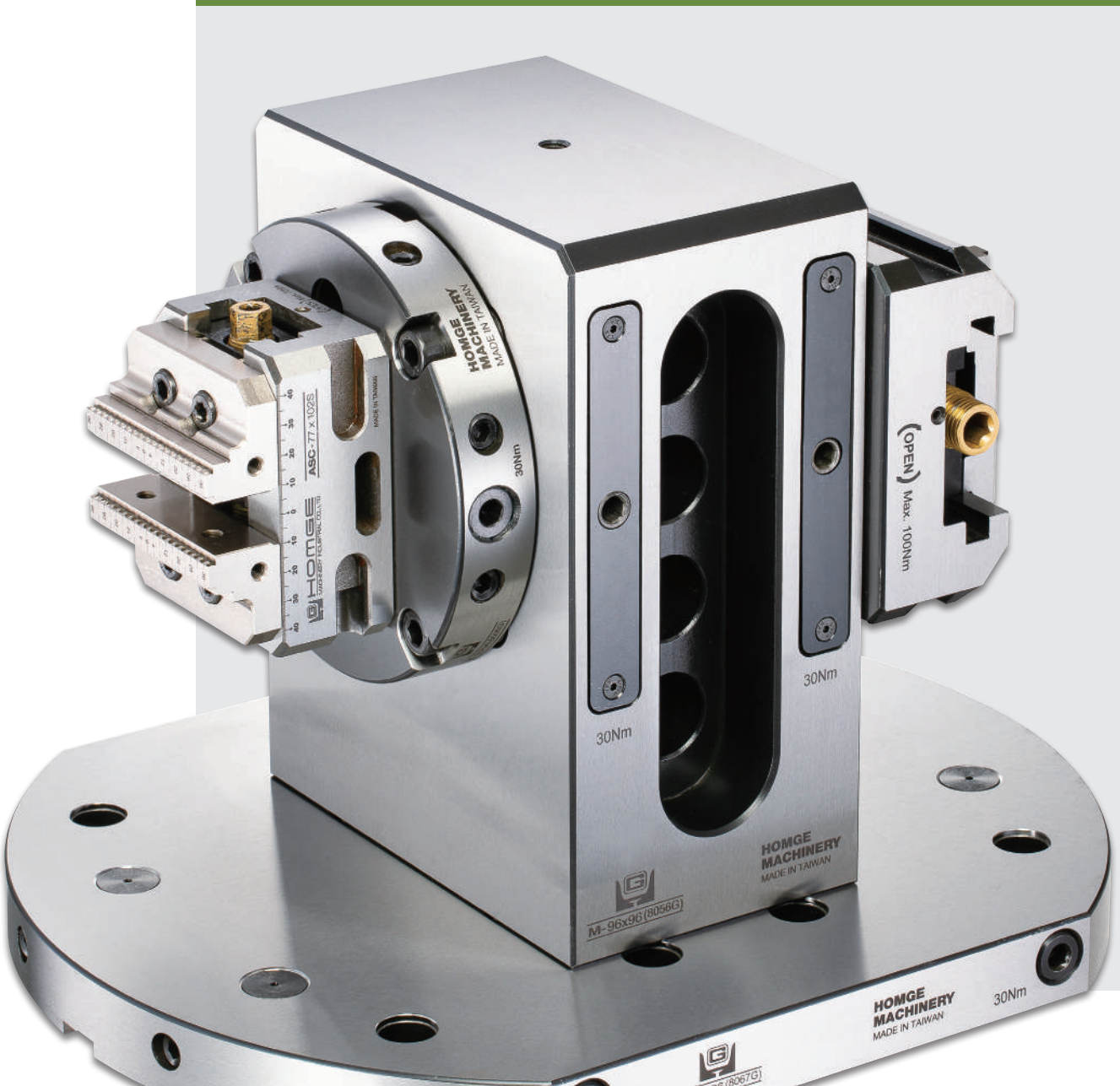
Size	600x192x60 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	-
Weight (kg)	45.9
Standard Accessories	Cover Plug M-52x52CPS x 24 pcs Cover Plug M-96x96CPS x 24 pcs Cover Plug with Hook M-96x96H x 2 pcs Cover Plug Remover x 1 pc



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Columns

Double-sided positioning tombstone inherits the characteristics of the positioning plate and can utilize the processing space of the machine tool. Suitable for 3-axis machine tool users who often apply dual-sided processing.



Twin Base

COMBO



M-52x52 (8008G)

Size	146x76x168 mm
Pull Studs	M-52x52PS
Mounting Holes	–
Weight (kg)	15.5



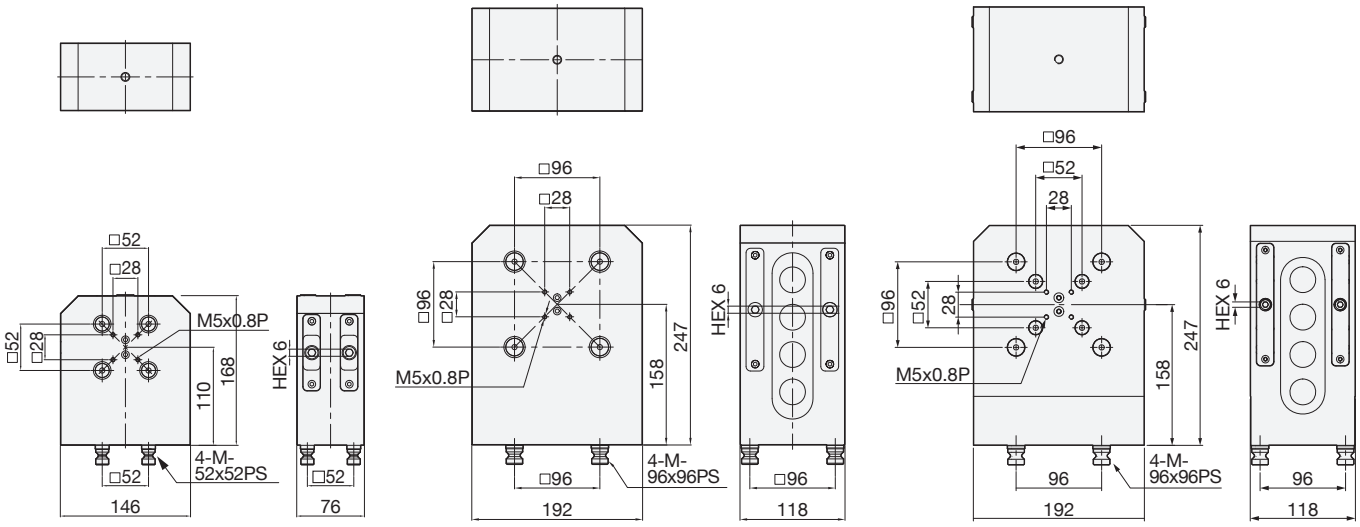
M-96x96 (8056G)

Size	192x118x247 mm
Pull Studs	M-96x96PS
Mounting Holes	–
Weight (kg)	36.5



M-52/96 (8056G)

Size	192x118x247 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	-
Weight (kg)	37



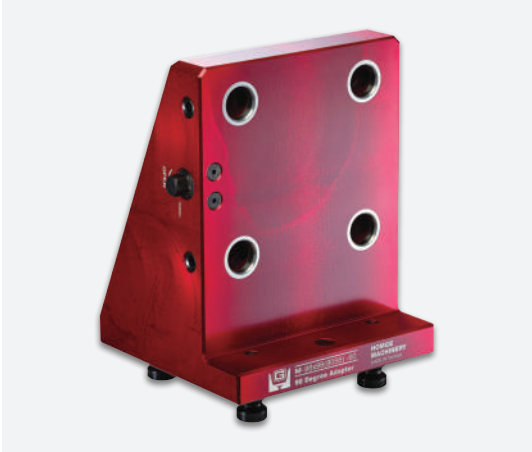
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90 Degree Adapter



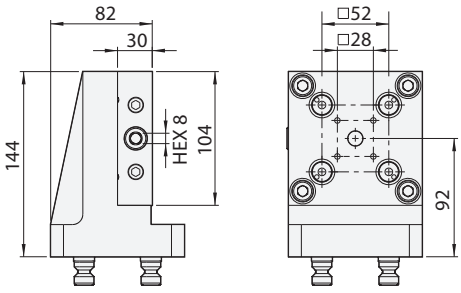
M-52x52 (8008)-90

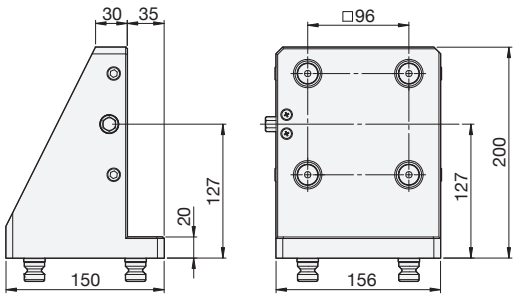
Size	104x104x144 mm
Pull Studs	M-52x52PS
Mounting Holes	-
Weight (kg)	4.1
Material	Aluminum
Standard with	Grid Plate M-52x52 (8011G) x 1pc

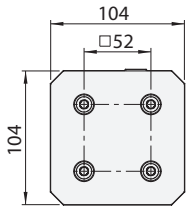


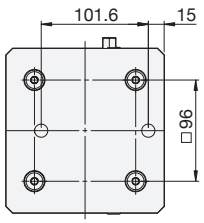
M-96x96 (8056)-90

Size	156x150x200 mm
Pull Studs	M-96x96PS
Mounting Holes	-
Weight (kg)	5.4
Material	Aluminum







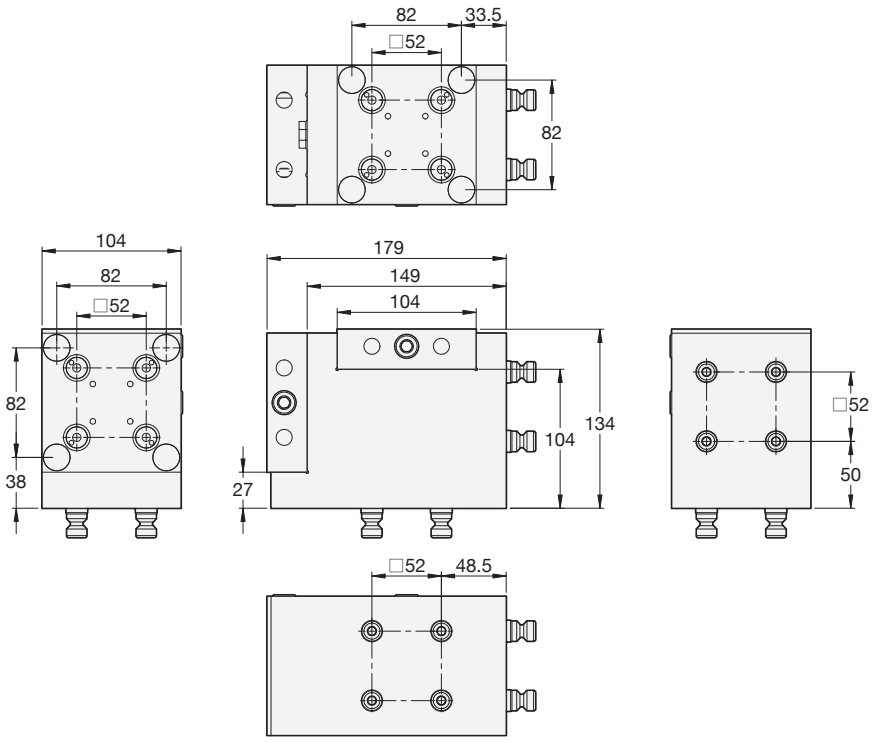


0/90 Degree Multi-Adapter



M-52x52 (8008)-0/90

Size	104x176x134 mm
Pull Studs	M-52x52PS
Mounting Holes	-
Weight (kg)	14
Material	Steel S50C
Standard with	Grid Plate M-52x52 (8011G) x 2pcs



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Tombstones

Advancements in Machining Centers Efficiency
The 3-sided or 4-sided Tombstone effectively enhances changeout efficiency in machining centers, particularly with smaller 5-axis machines. This innovation overcomes conventional clamping setup restrictions, enabling the execution of complex tasks even on compact machines.



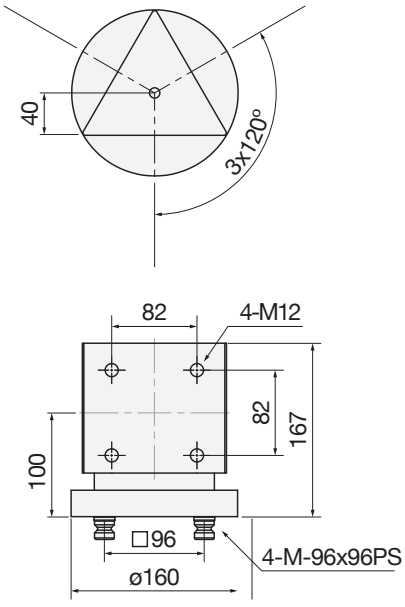
Tombstone

3-Faced Tombstone



M-52x52 (9313)

Size	Ø160x167 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	–
Weight (kg)	4.5
Compatible with	Grid Plate M-52x52 (8011G) x 3 pcs

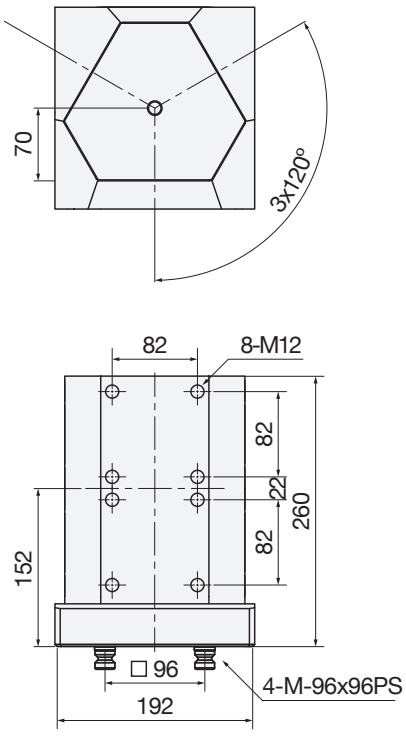


4-Faced Tombstone



M-52x52 (9333)

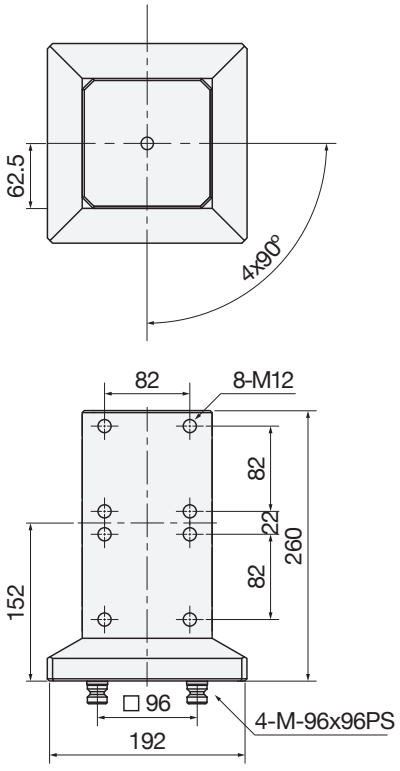
Size	192x192x260 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	–
Weight (kg)	15.2
Compatible with	Grid Plate M-52x52 (8011G) x 6 pcs





M-52x52 (9433)

Size	192x192x260 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	–
Weight (kg)	12.5
Compatible with	Grid Plate M-52x52 (8011G) x 8 pcs

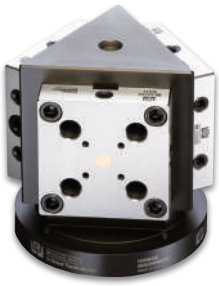


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Tombstone (Clamping Examples)

with Grid Plate M-52x52 (8011G)









M-52x52 (8011G)

Size	104x104x30 mm
Pull Studs	M-52x52PS
Mounting Holes	82x82 mm
Weight (kg)	2.3

with Multi Plate M-52x52 (7062G)







M-52x52 (7062G)

Size	208x104x30 mm
Pull Studs	M-52x52PS
Mounting Holes	186x82 mm
Weight (kg)	4.6
Standard Accessories	Cover Plug M-52x52CPS x 8 pcs Cover Plug with Hook M-52x52H x 2 pcs Cover Plug Remover x 1 pc

3-Faced Pyramids

PYRAMID multiplies 5-axis throughput by aligning a tri-face carrier to the machine's rotary center. Three Zero-Point stations share that axis in perfect point symmetry, giving each workpiece an identical, mirrored coordinate frame while fitting comfortably inside the limited machine work-space.



Angled faces prevent part collision and keep cutting forces near the centerline. Loading three parts in one setup slashes idle time, and CAM can reuse a single toolpath with minor offsets. For seasoned 5-axis users chasing higher spindle uptime, PYRAMID turns precise alignment into measurable productivity.



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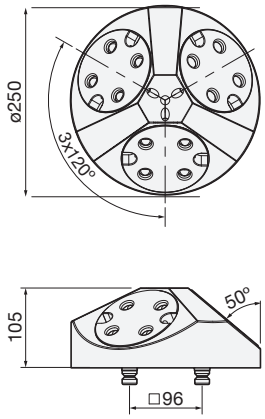
HOMGE

3-Faced Pyramid



M-52x52 (9314)

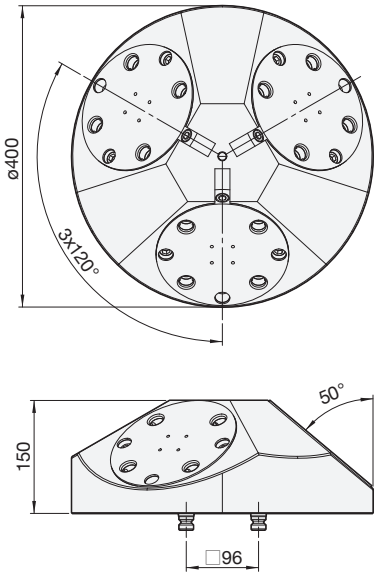
Size	Ø250x105 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	–
Weight (kg)	12.7
Standard with	Round Plate M-52x52 (8004G) x 3 pcs





M-96x96 (9319)

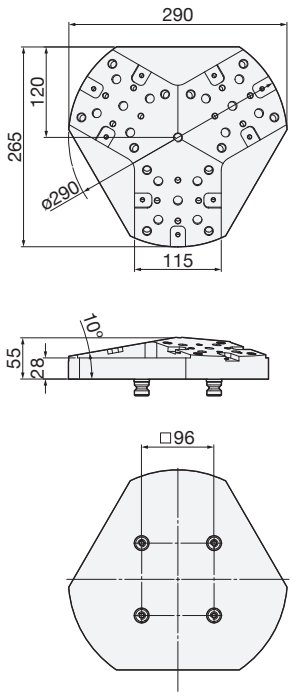
Size	Ø400x150 mm
Pull Studs	M-96x96PS
Mounting Holes	–
Weight (kg)	44
Standard with	Round Plate M-96x96 (8053G) x 3 pcs





M-52x52 (9314)-10D

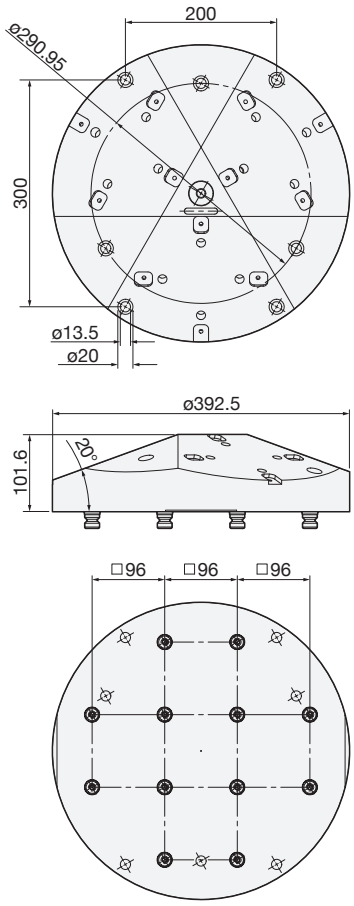
Size	Ø290x55 mm
Pull Studs	M-96x96PS
Mounting Holes	as the drawing shown
Weight (kg)	6
Compatible with	Rectangular Plate M-52x52 (8011G) x 3 pcs / ASC- x 3 pcs





M-96x96 (9319)-20D

Size	Ø392.5x102 mm
Pull Studs	M-96x96PS
Mounting Holes	as the drawing shown
Weight (kg)	22.9
Compatible with	Rectangular Plate M-96x96 (80526G) x 3 pcs / ASC- x 3 pcs



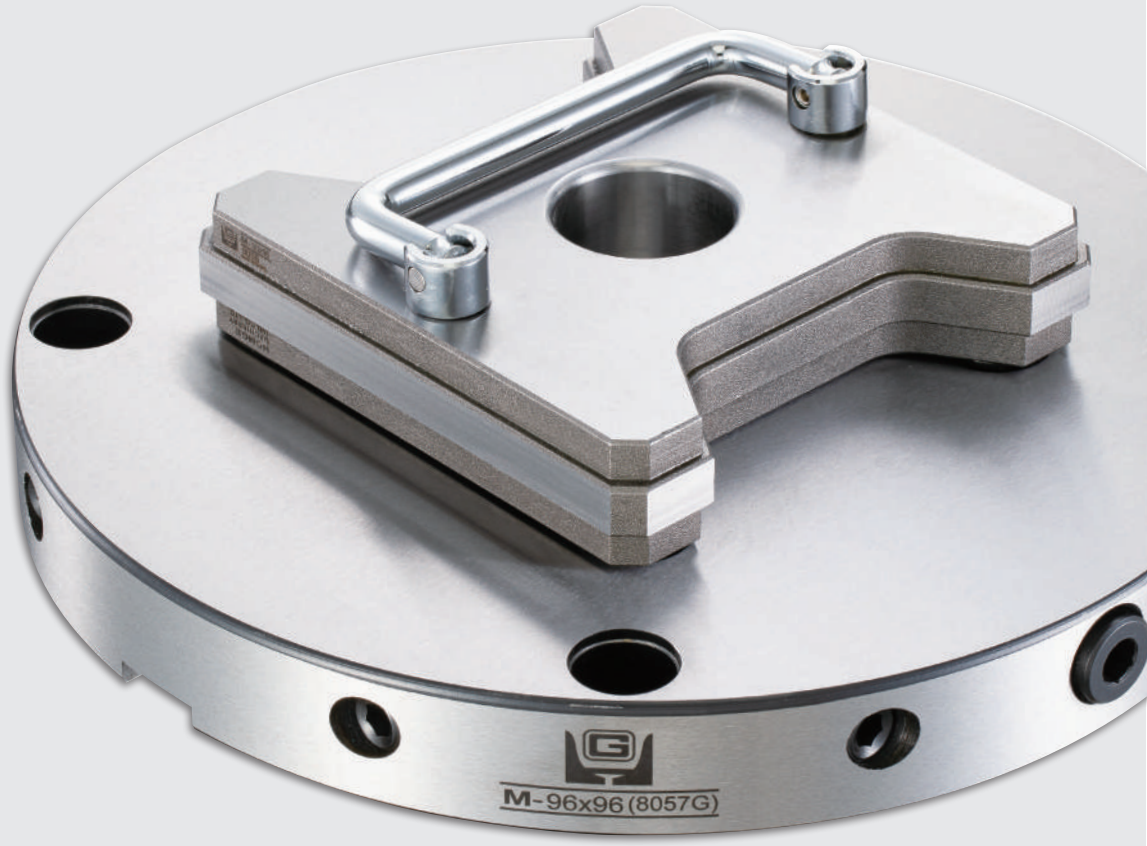
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Master Gauging Pallet

Suitable for quick checking the precise alignment of Quick Changing Plates and for concentric alignment of rotary or chucks.

How it works:

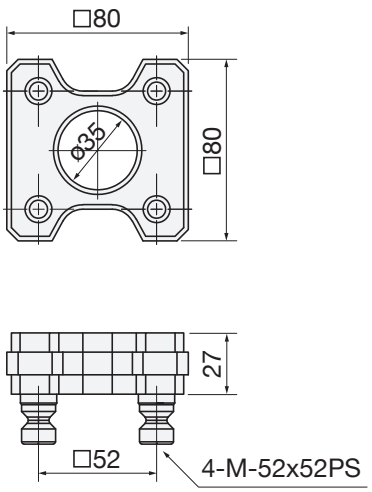
After clamping the gauging pallet in a Quick Change Device - plate, the axial alignment of the Quick Change Device - plate is done by probing the jig-ground sides of the gauging pallet. For a concentric alignment the inner diameter of the gauging pallet can be used.





M-52x52 (8010)

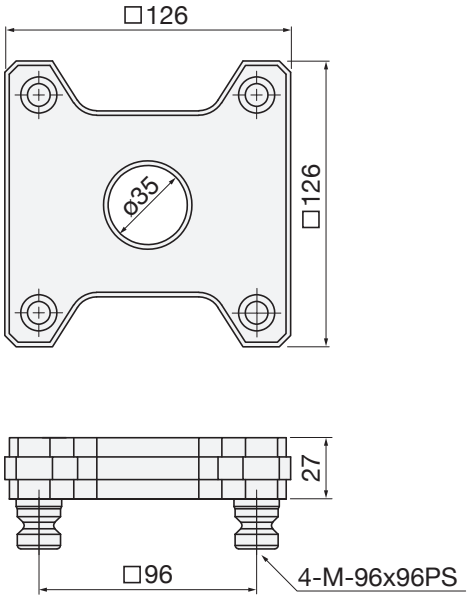
Size	80x80x27 mm
Pull Studs	M-52x52PS
Weight (kg)	1.1





M-96x96 (8058)

Size	126x126x27 mm
Pull Studs	M-96x96PS
Weight (kg)	2.6



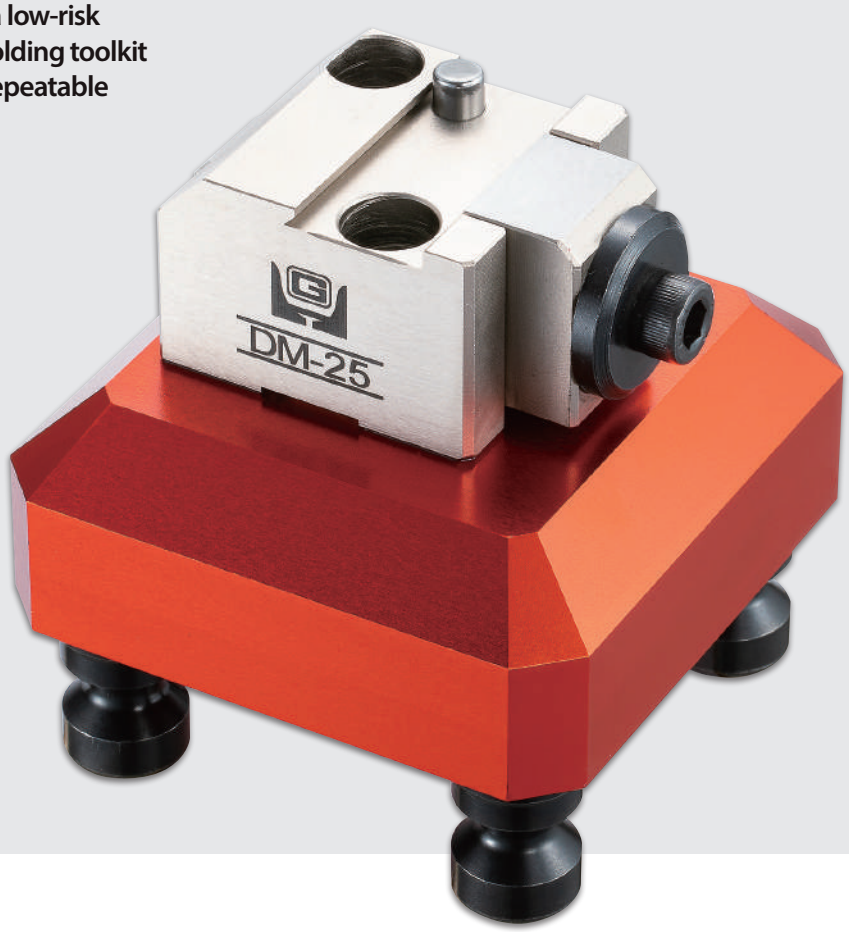


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Top Clamping

Top Clamping extends the Zero-Point lineup with a concise set of specialty holders — ER collets, dovetail blocks, and compact three-jaw chucks — each built on the same pull-stud interface as our vises.

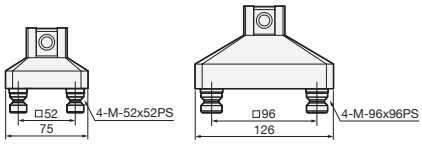
- We offer the most versatile sizes, giving users an out-of-the-box option for parts that don't sit naturally in a vise while we explore broader fixture needs.
- Because every unit locks straight onto the Zero-Point grid, you can mix these clamps with existing vises in a single setup, keep your changeover routine unchanged, and purchase everything through one channel. It's a low-risk way to widen your workholding toolkit without leaving the fast, repeatable system you already trust.

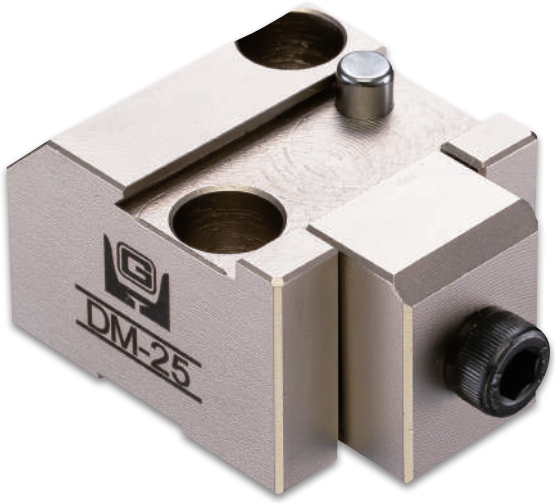


Top Clamping

Dovetail Fixture

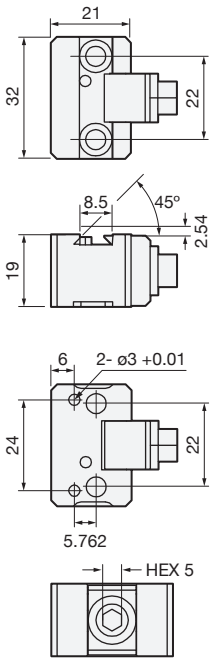
Aluminum Block for 52 or 96 system are available for order seperately.





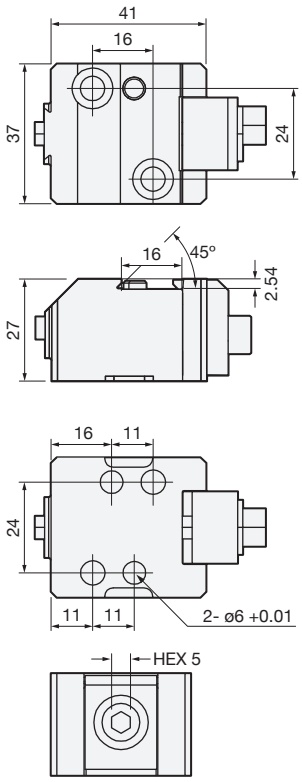
DM-12

Size	21x32x19 mm
Clamping Range	8.5 mm
Weight (kg)	0.07



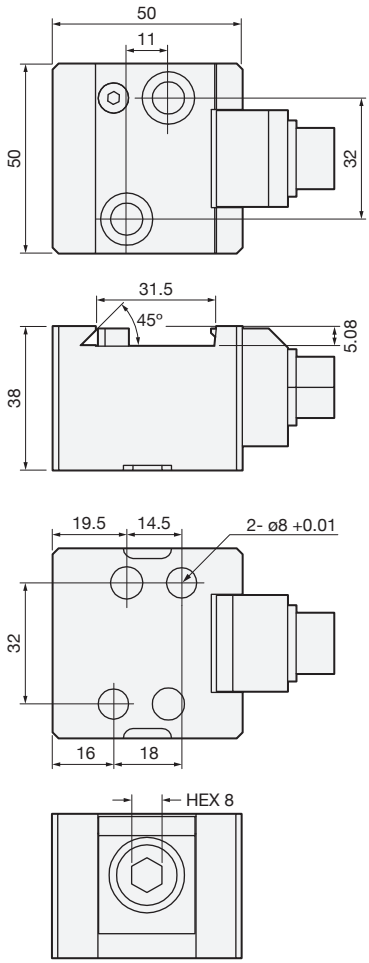
DM-25

Size	41x37x27 mm
Clamping Range	16 mm
Weight (kg)	0.29



DM-50

Size	50x50x38 mm
Clamping Range	31.5 mm
Weight (kg)	0.72



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Top Clamping
Dovetail Fixture Combo



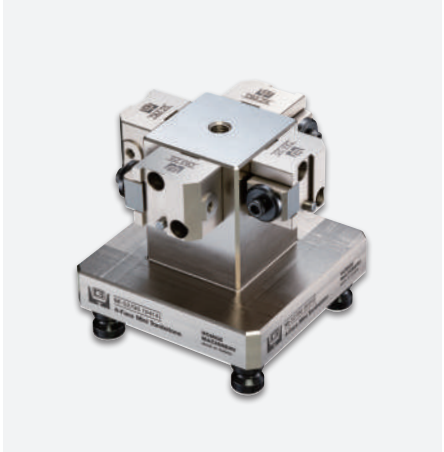
M-52/96 (9443)

Size	126x126x134 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	-
Weight (kg)	3.9
Standard with	DM-12 x 12 pcs



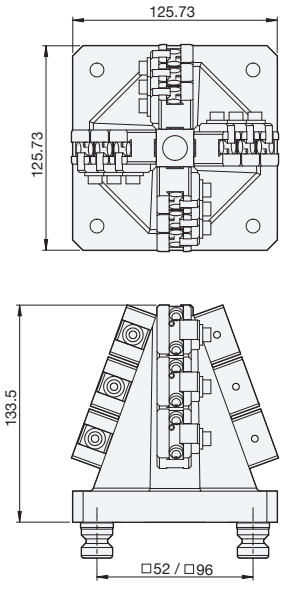
M-52/96 (9419)

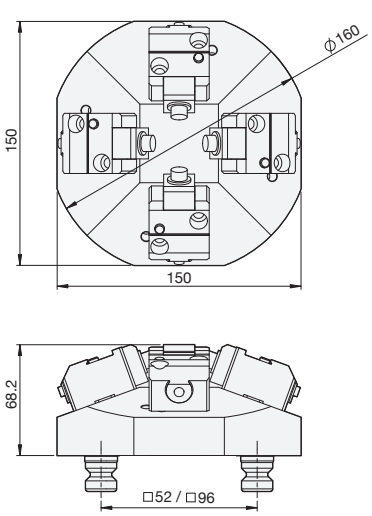
Size	150x150x69 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	-
Weight (kg)	3.5
Standard with	DM-25 x 4pcs

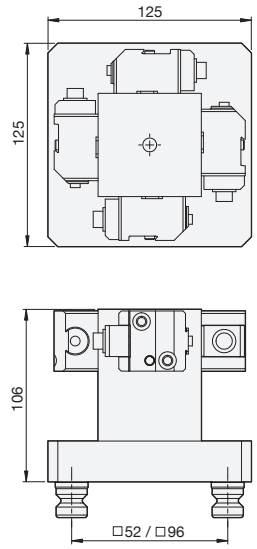


M-52/96 (9414)

Size	125x125x106 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	-
Weight (kg)	7.2
Standard with	DM-25 x 4 pcs







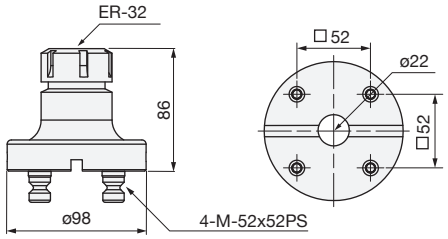
Top Clamping

Collect Chuck

Model: M-52x52 (ER32)C

- Size: Ø98x86 mm
- Clamping Range: Ø1-20 mm
- Weight: 2.0 kg

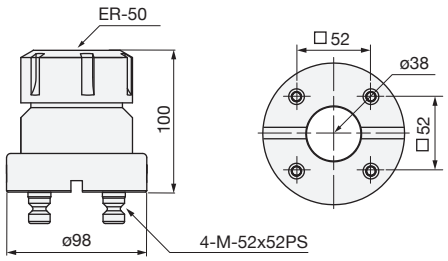




Model: M-52x52 (ER50)C

- Size: Ø98x100 mm
- Clamping Range: Ø10-34 mm
- Weight: 3.1 kg



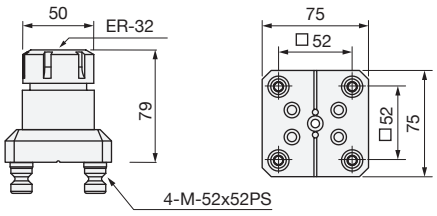


Round Bar Fixture

Model: M-52x52 (ER32)

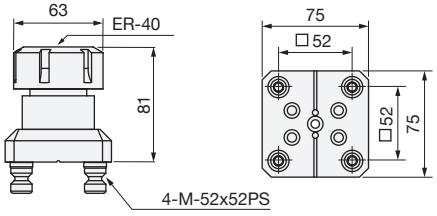
- Size: 75x75x79 mm
- Clamping Range: Ø1-20 mm
- Weight: 1.5 kg





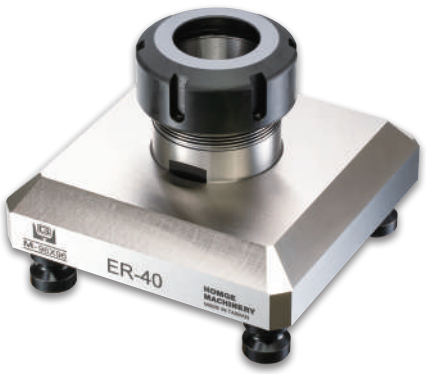
Model: M-52x52 (ER40)

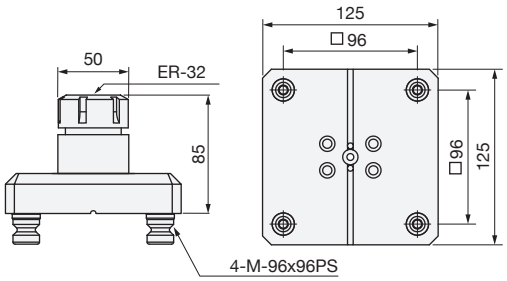
- Size: 75x75x81 mm
- Clamping Range: Ø2-26 mm
- Weight: 1.7 kg



Model: M-96x96 (ER32)

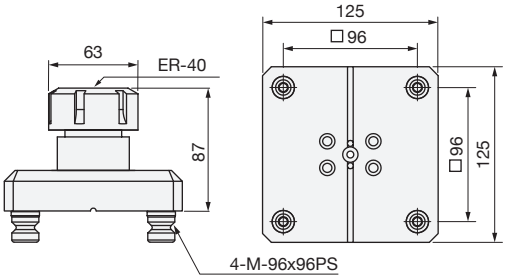
- Size: 125x125x85 mm
- Clamping Range: Ø1-20 mm
- Weight: 3.7 kg





Model: M-96x96 (ER40)

- Size: 125x125x87 mm
- Clamping Range: Ø2-26 mm
- Weight: 3.9 kg

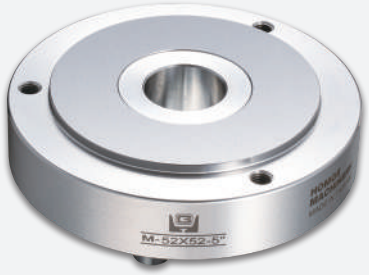


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Adapter Plate for 3-Jaw Chuck

3 Jaw Chuck Adapter Plate for M-52x52

FRONT



BACK



M-52x52 (4")

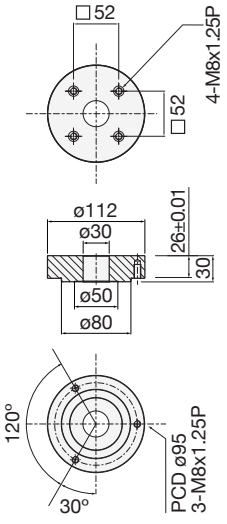
Size	ø112x30 mm
Pull Studs	M-52x52PS
Mounting Holes	M8
Weight (kg)	2

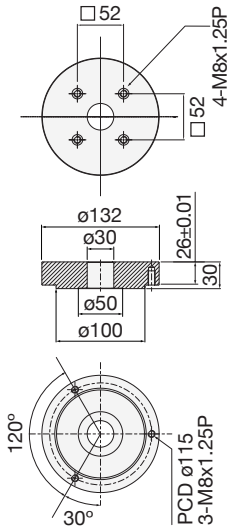
M-52x52 (5")

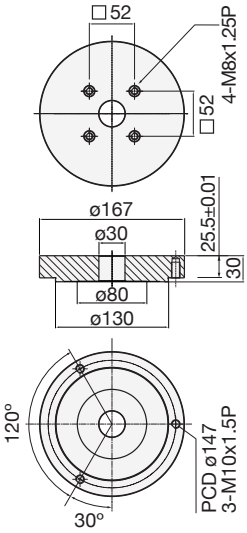
Size	ø132x30 mm
Pull Studs	M-52x52PS
Mounting Holes	M8
Weight (kg)	2.9

M-52x52 (6")

Size	ø167x30 mm
Pull Studs	M-52x52PS
Mounting Holes	M10
Weight (kg)	4.6







3 Jaw Chuck Adapter Plate for M-96x96





M-96x96 (6")

Size	ø167x30 mm
Pull Studs	M-96x96PS
Mounting Holes	M10
Weight (kg)	4.6

M-96x96 (7")

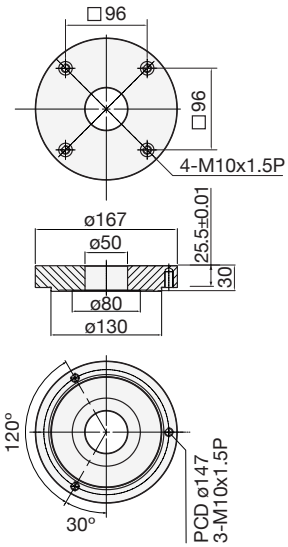
Size	ø193x30 mm
Pull Studs	M-96x96PS
Mounting Holes	M10
Weight (kg)	6

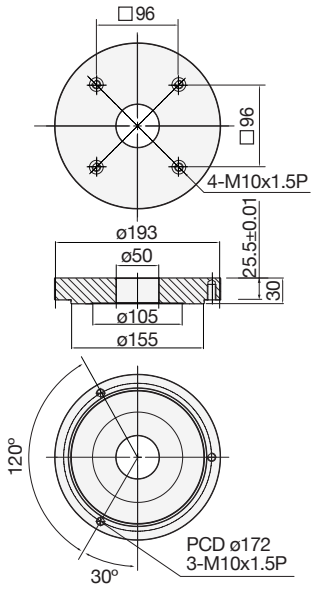
M-96x96 (8")

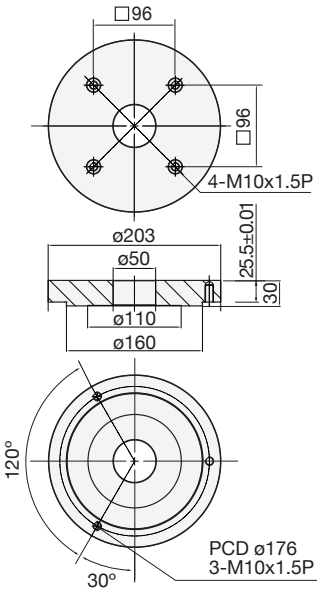
Size	ø203x30 mm
Pull Studs	M-96x96PS
Mounting Holes	M10
Weight (kg)	6.7

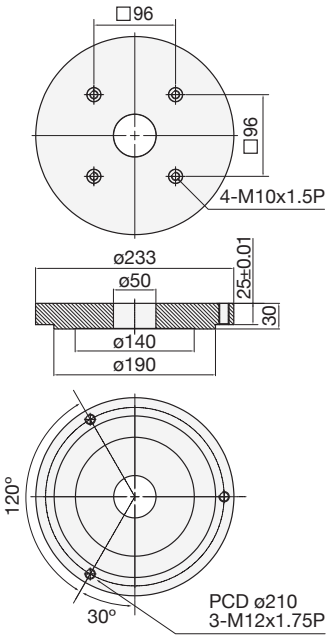
M-96x96 (9")

Size	ø233x30 mm
Pull Studs	M-96x96PS
Mounting Holes	M12
Weight (kg)	8.9









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Optional Accessories

for Zero Point Quick Change Devices

Pull Studs

Can be adopted onto vises or workpieces to use together with any Quick Change Device.

Model: M-52x52PS

- 4 pcs / set
- Weight: 0.16 kg / set



Model: M-96x96PS

- 4 pcs / set
- Weight: 0.28 kg / set



Spacer Studs

Improve the machining accessibility of edges or angles by making a through space between workpieces and Quick Change Devices.

Model: M-52x52SS

- 4 pcs / set
- Weight: 0.27 kg / set

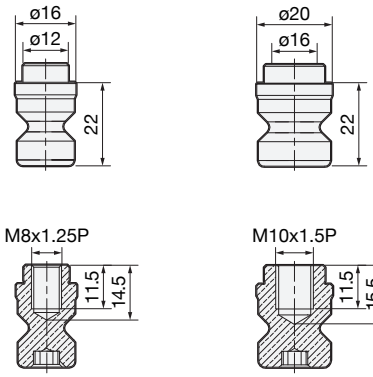


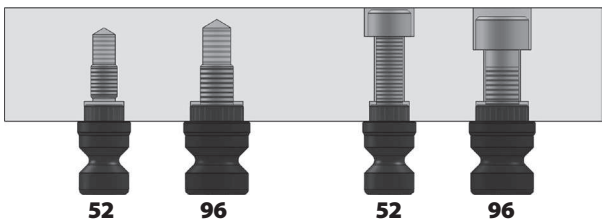
Model: M-96x96SS

- 4 pcs / set
- Weight: 0.4 kg / set

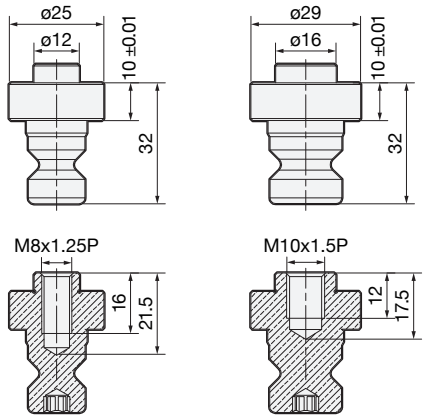


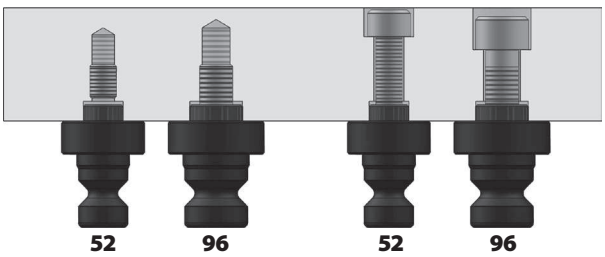
M-52x52PS **M-96x96PS**



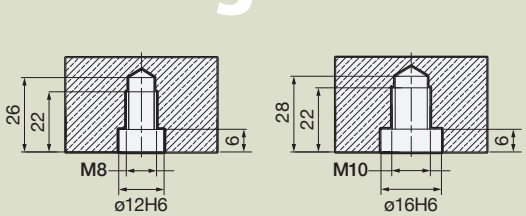


M-52x52SS **M-96x96SS**

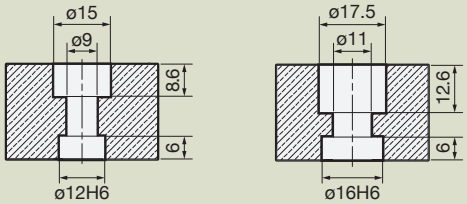




Mounting Instructions



Using Set Screw



Using Hex Socket Cap Screw

Cover Plugs - Plastic

Model: M-52x52CPP

- 4 pcs / set
- Weight: 0.01 kg / set

Model: M-96x96CPP

- 4 pcs / set
- Weight: 0.02 kg / set



Cover Plugs - Steel

Model: M-52x52CPS

- 4 pcs / set
- Weight: 0.10 kg / set

Model: M-96x96CPS

- 4 pcs / set
- Weight: 0.16 kg / set



Cover Plug with hook

Model: M-52x52H

- 2 pcs / set
- Weight: 0.18 kg / set

Model: M-96x96H

- 2 pcs / set
- Weight: 0.32 kg / set



Cover Plug Remover

for M-52x52 and M-96x96

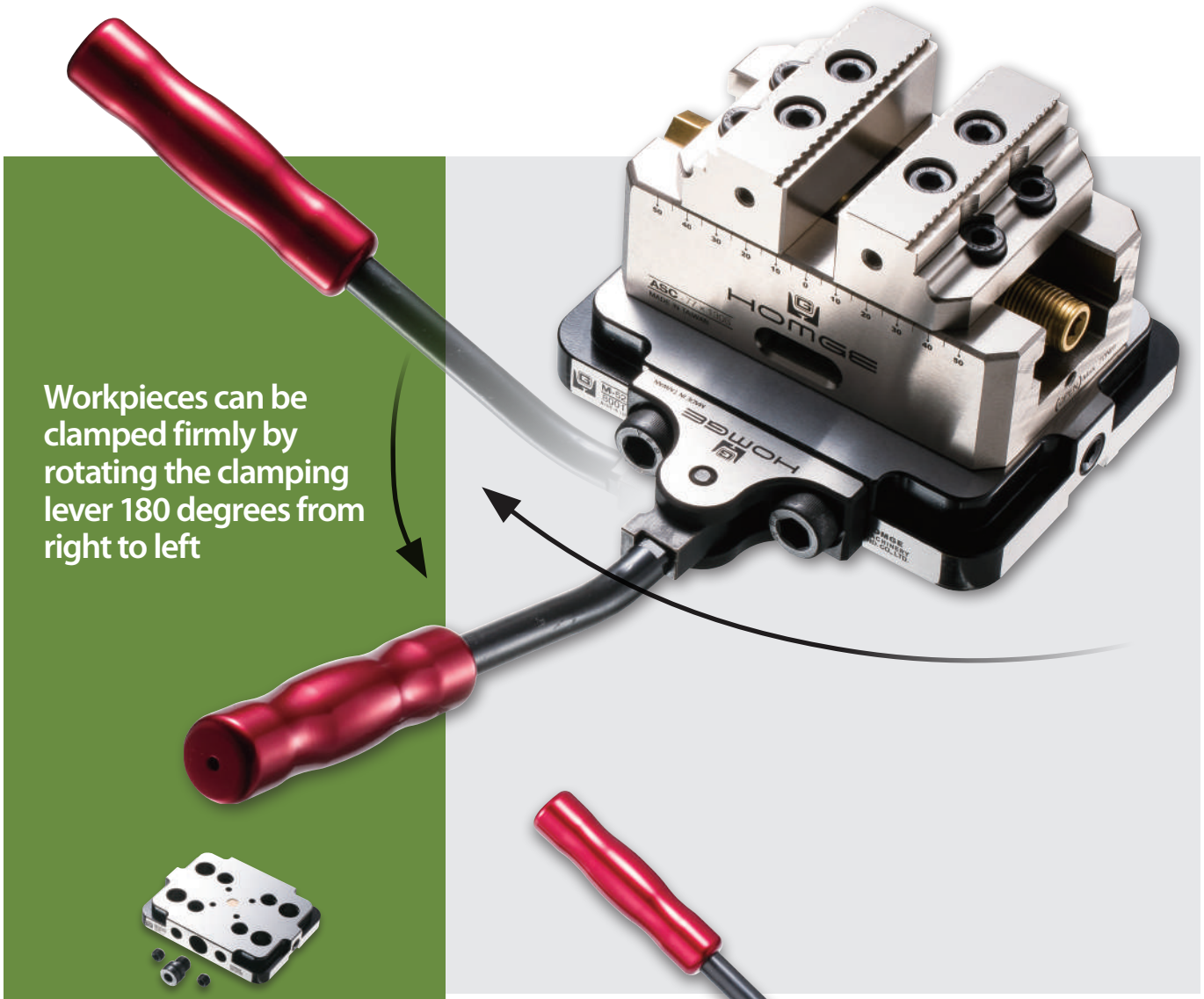
- 1 pc
- Weight: 0.11 kg



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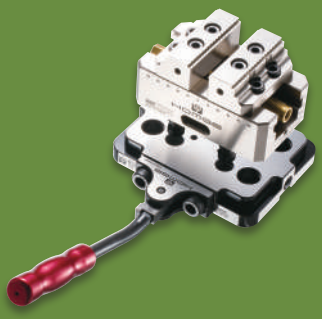
HOMGE

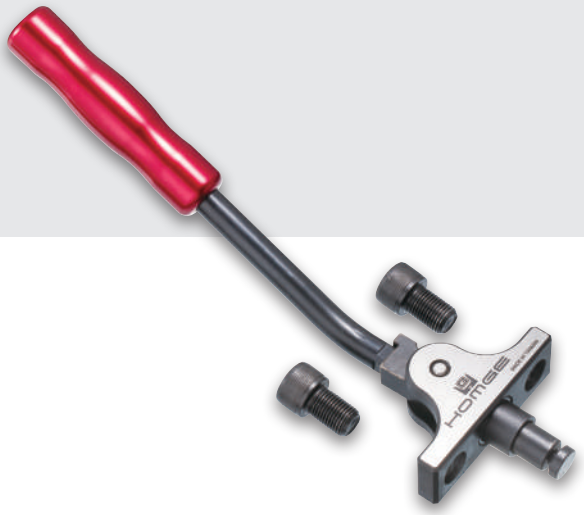
FAST ACTUATION SYSTEM



Workpieces can be clamped firmly by rotating the clamping lever 180 degrees from right to left







Model: M-52x52AS

- 1 set
- Weight: 0.49 kg / set

Model: M-96x96AS

- 1 set
- Weight: 0.63 kg / set

Automation

AUTOMATION Plate carries Zero-Point precision into lights-out production. Pneumatic actuation locks or releases the pull stud while monitoring line pressure, confirming that each fixture is fully seated before machining starts. Should the air supply drop unexpectedly, the clamp remains closed, satisfying safety requirements for unattended cells.

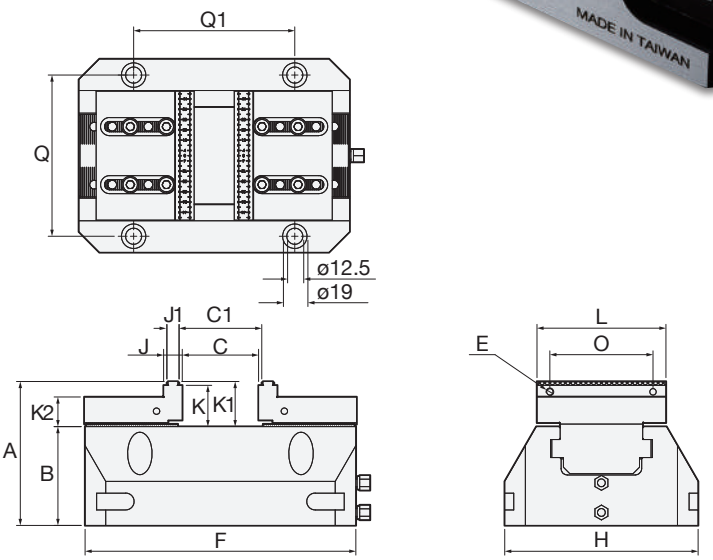
The interface stays true to our standard studs, so existing vises, cubes, and pallets mount without modification. Installation needs only shop air; no extra manifolds or specialized tooling. Although the housing is slightly larger, it integrates quickly, letting users upgrade one station at a time instead of overhauling the entire line.

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PNEUMATIC FIVE-AXIS SELF-CENTERING VISE

Model: ASC-150x210A-100





SPECIFICATIONS (Material: Vise body S50C. Rail hardness: HRC 50 / Jaws SCM440. Hardness: HRC 48-50)

Unit: mm

Model	A	B	C	C1	E	F	H	J	J1
ASC-150x210A-100	112	77	59	64	M6	210	150	2.5	9.5

Model	K	K1	K2	L	O	Q	Q1	Weight (kg)
ASC-150x210A-100	32	35	23	100	80	125	125	17.5

ASC-
Automation Series

1 ONE-TOUCH CHANGEOVER — Button/signal triggered; clamp or release in 1.5 seconds No wrench, minimal downtime.

2 ASSURED ACCURACY — ±0.015mm repeatability and stable clamping force ensure consistent quality and fewer reworks.

3 PLUG-AND-PLAY AUTOMATION — Standard air interface; supports multiple vises on one CNC and works with robotic arms to scale quickly.

4 FAIL-SAFE HOLDING — Spring-loaded mechanism keeps parts secure even if air supply is lost, protecting people and equipment.

5 BUILT TO LAST — Alloy-steel body and hardened jaws maintain original accuracy under heavy cycles, cutting maintenance costs.

6 FLEXIBLE WORKHOLDING — Reversible, quick-change jaws adapt fast to varied parts and leave room for future expansion.

One-day installation for higher utilization and steadier delivery quality.

STANDARD ACCESSORIES:

- 4 pcs of Mounting Screws

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Automation

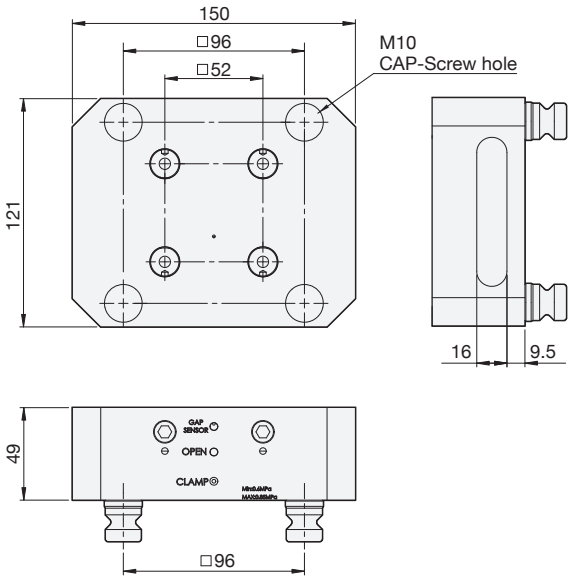
Pneumatic Rectangular Plates

Adapter Plate 52x96



M-52x96 (8003A)

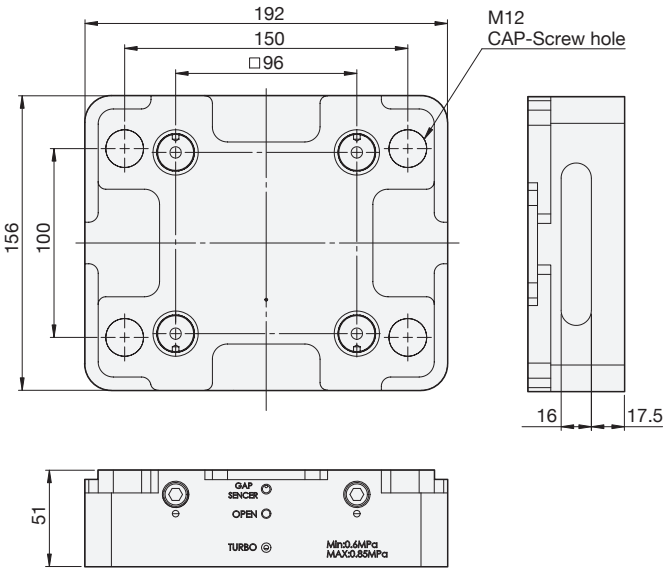
Size	150x121x49 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	96x96 mm
Weight (kg)	5.5





M-96x96 (8051A)

Size	192x156x51 mm
Pull Studs	M-96x96PS
Mounting Holes	150x100 mm
Weight (kg)	9.2

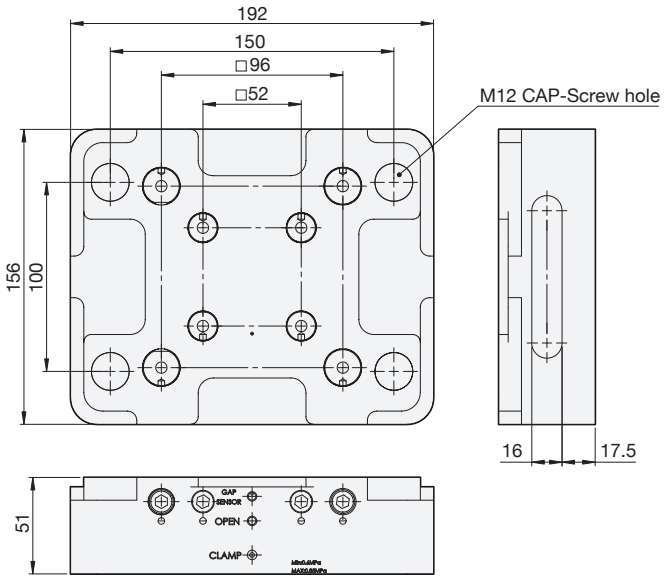


COMBO



M-52/96 (8287A)

Size	192x156x51 mm
Pull Studs	M-52x52PS / M-96x96PS
Mounting Holes	150x100 mm
Weight (kg)	9



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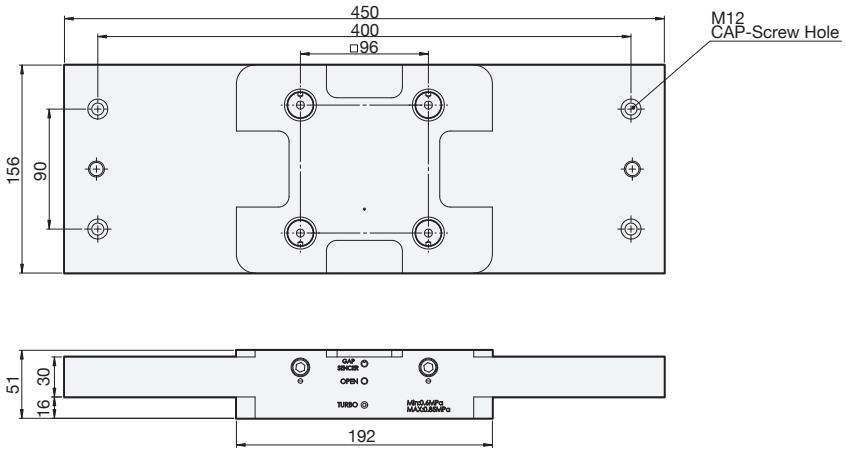
Automation

Pneumatic Single Clamping Bridge



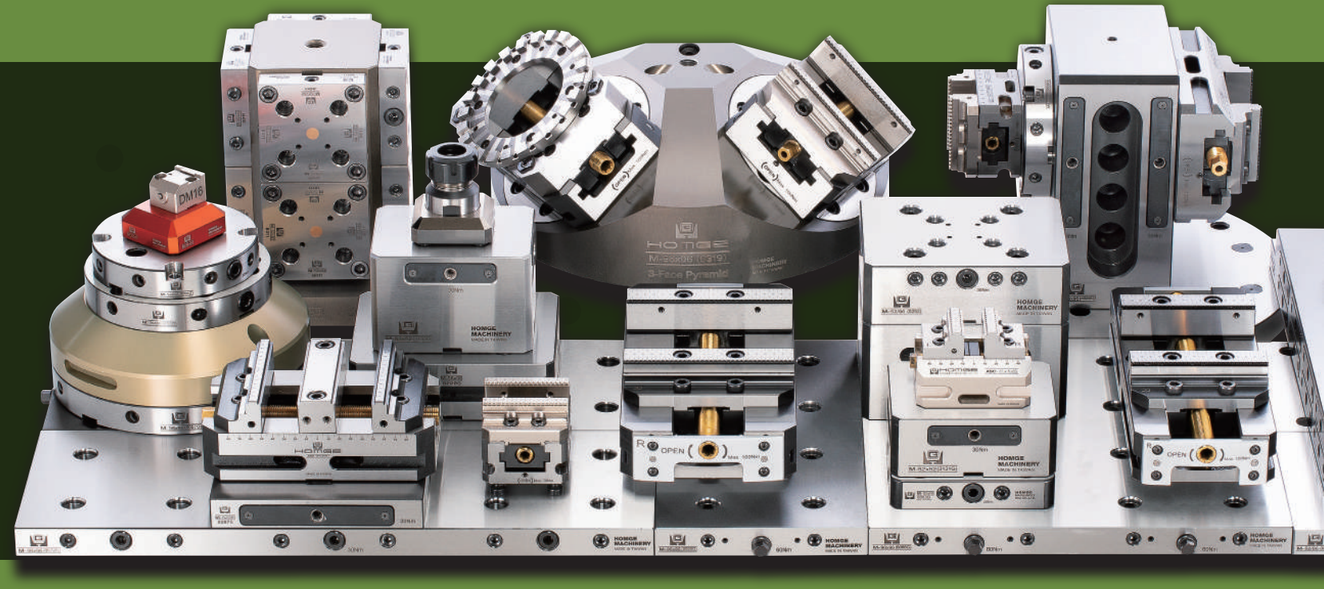
M-96x96 (8051A)S

Size	450x156x51 mm
Pull Studs	M-96x96PS
Mounting Holes	400x90 mm
Weight (kg)	19.7



HOMGE

Machine Tool Accessories



HOMGE MACHINERY IND. CO., LTD.

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E-mail: homge@ms22.hinet.net | **http:**//www.homge.com.tw

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

www.homge.com.tw