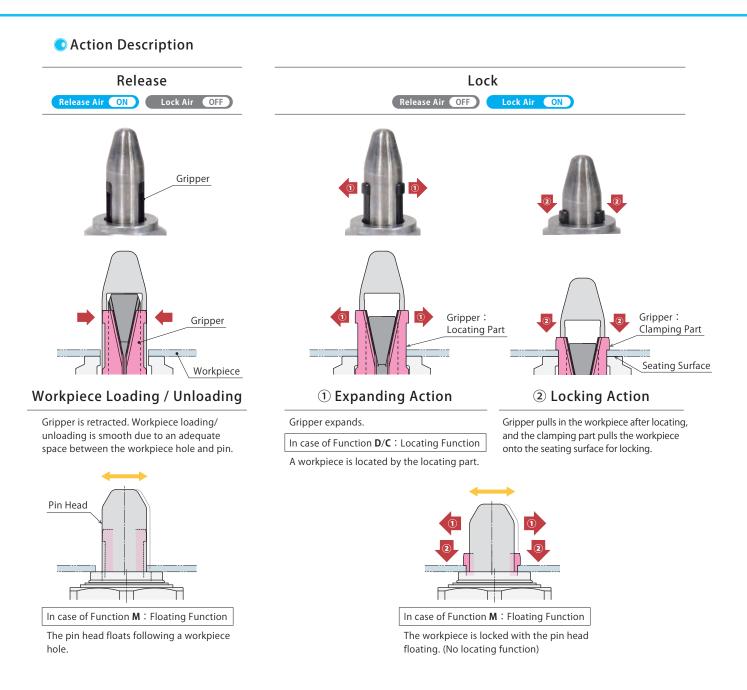
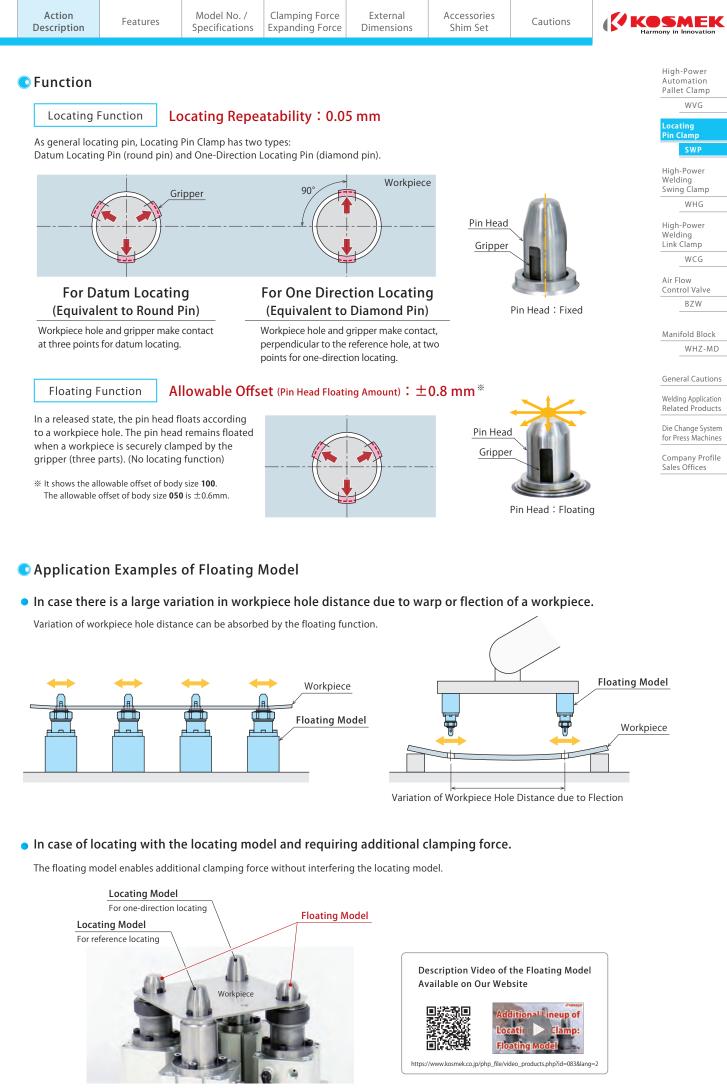
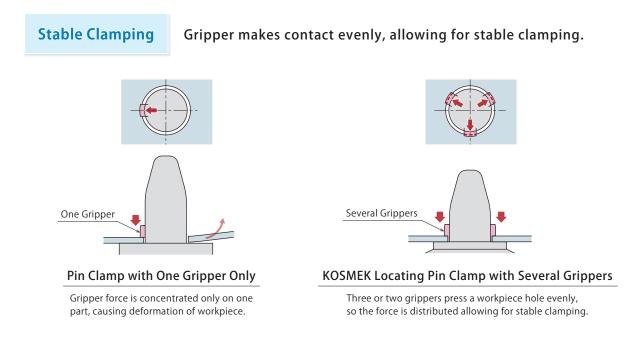


High Accuracy Locating and Clamping of Thin Workpieces Applicable to Workpiece Hole Diameter ϕ 8 or larger PAT.





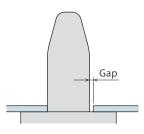
🔍 Features



High Accuracy

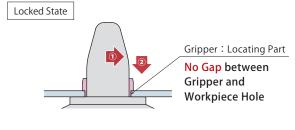
Expansion of locating part enables higher accuracy than general locating pin. Locating Repeatability : 0.05mm

% In case of Locating Model (when combining Functions D and C) only.



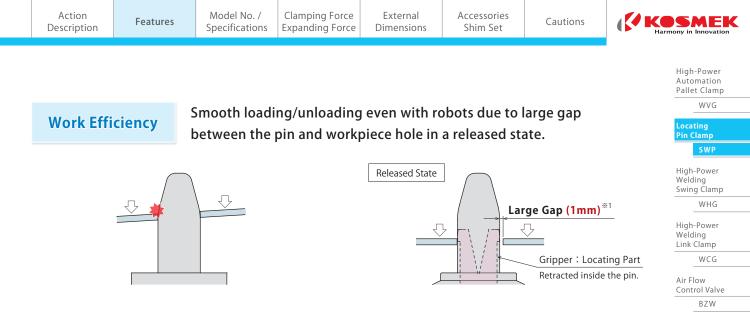
General Locating Pin

Backlash caused by the gap between locating pin and workpiece hole lowers locating accuracy. Also, variance in tolerance of workpiece hole diameter creates variance in locating repeatability of each workpiece.



KOSMEK Locating Pin Clamp

Gripper expansion allows for high accuracy locating with no gaps. Variance in tolerance of workpiece hole diameter never affects locating accuracy.



General Locating Pin

When making a gap smaller in order to improve locating accuracy, it becomes difficult to load/unload workpieces, causing frequent momentary stops of automated system. Also, wear of the pin lowers locating accuracy.

KOSMEK Locating Pin Clamp

Workpieces do not touch the grippers and are smoothly loaded/unloaded since the grippers are retracted inside the pin at released state.

※1. The gap is 0.2mm for SWP0502-□-080/090-□ (Workpiece Hole Diameter \$\phi 8/9\$), and 0.5mm for SWP0502-□-100-□ (Workpiece Hole Diameter \$\phi 10\$). Refer to the external dimensions for further information.

General Cautions Welding Application Related Products

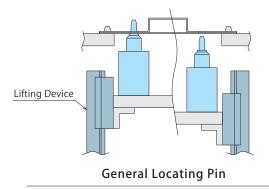
WHZ-MD

Manifold Block

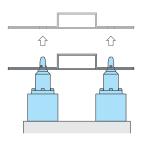
Die Change System for Press Machines

Company Profile Sales Offices

• Fixture Cost Reduction



Because a gap between a locating pin and a workpiece hole is small, a lifting device may be required to pull out the workpiece stuck by welding distortion.



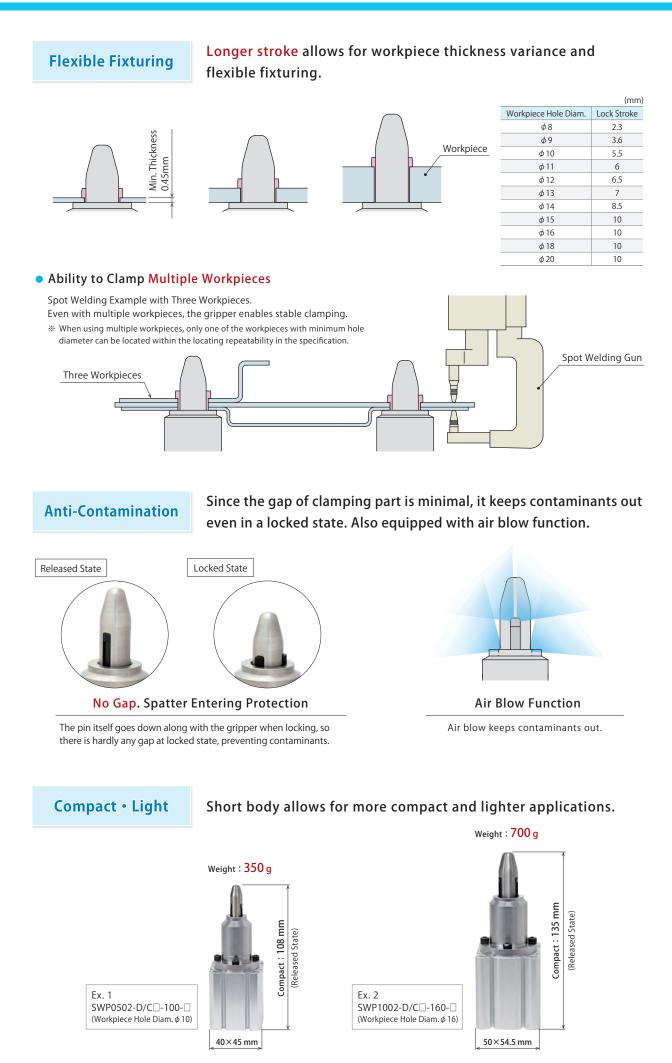
KOSMEK Locating Pin Clamp

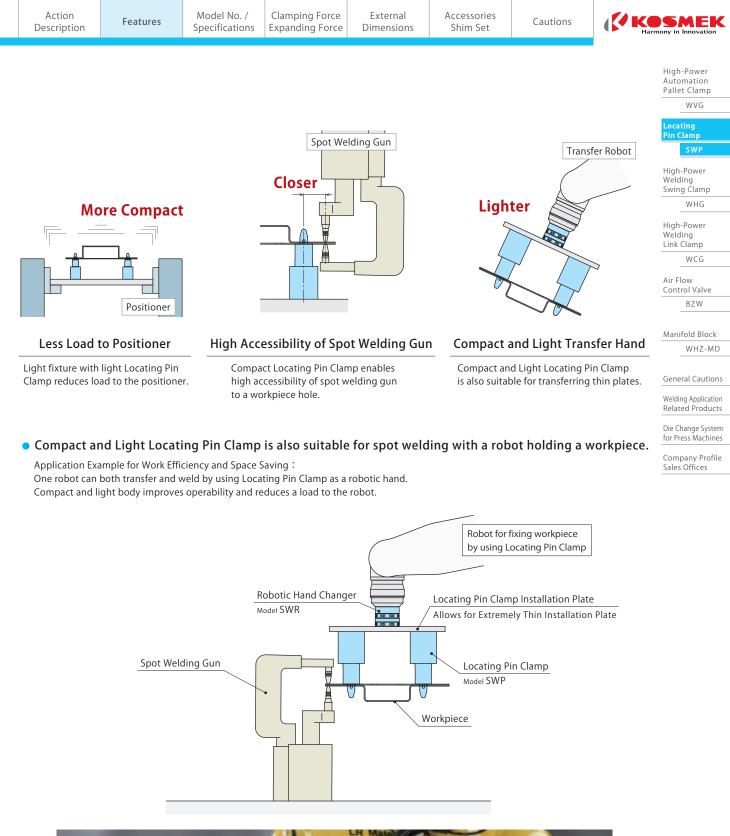
Enables simple and low-cost equipment by smooth loading/unloading due to a large gap between Locating Pin Clamp and a workpiece hole.

Smooth Workpiece Transfer with Expansion Pin Clamp for Dual Robot Systems

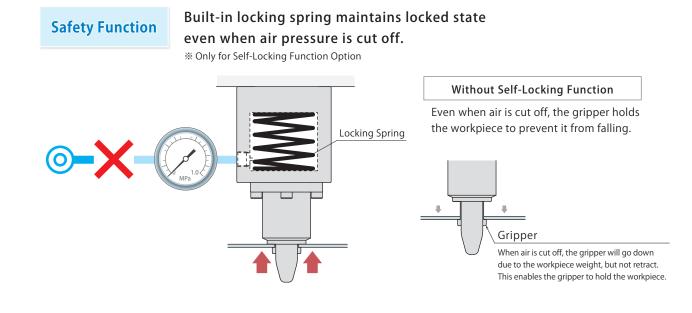
Application Example :

Using Transfer Robot to hand over the workpiece directly to the other robot. Locating Pin Clamp allows for smooth transfer with large gap in a released state. Workpiece Handling Robot Workpiece Robotic Hand Changer Model SWR FA Pneumatic Hole Clamp **2 Model WKH Robot for fixing workpieces by using Locating Pin Clamp Locating Pin Clamp *2 %2. Before using Locating Pin Clamp (model SWP) Model SWP and FA Pneumatic Hole Clamp (model WKH): Make sure to test and ensure that there is no trouble such as workpiece deformation, etc.



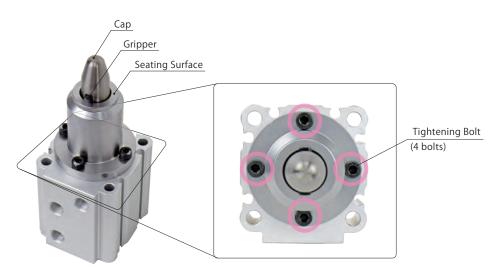






Removable Pin Allows for Simple Maintenance

The gripper and cap can be replaced by removing tightening bolts on the seating part. No special tools or hard work are required for maintenance. It also helps customer prepare for replacements.

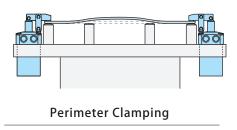


% The picture shows in case of functions D/C.

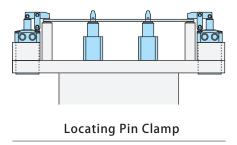
No Bending

Maintenance

Compared to perimeter clamping, Locating Pin Clamp is able to clamp the center of the workpiece without bending.



Perimeter clamping can be the cause of bending.



No bending with Locating Pin Clamp by clamping workpiece holes.



- ※2. Please use D-P3DWA (made by SMC) for an environment which generates a magnetic field disturbance. JEP/JES series cannot be used in such an environment.
 - 1. When using an auto switch not made by Kosmek, check specifications of each manufacturer.
 - 2. Auto Switch may be stuck out of the clamp depending on the installation position and direction.

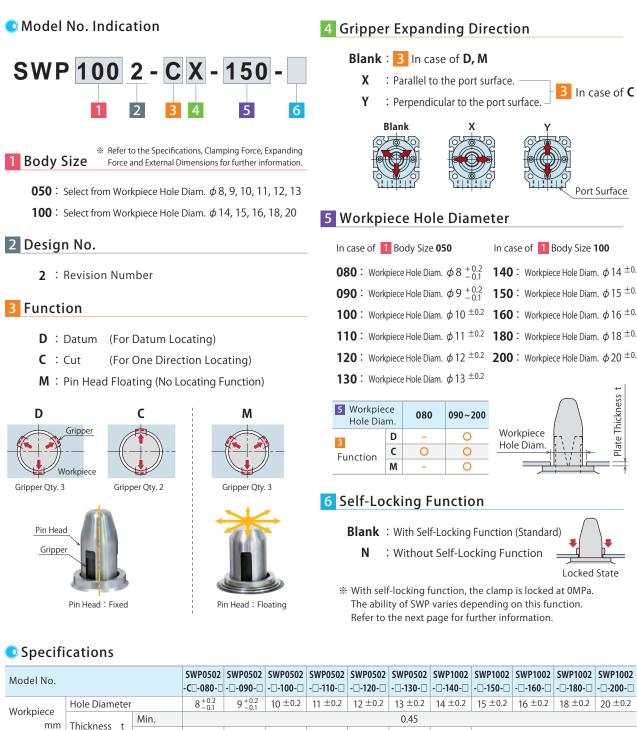
Company Profile Sales Offices

3 In case of **C**

Port Surface

of 1 Body Size 100

Workpiece Hole Diam. ϕ 14 $^{\pm 0.2}$



Warkpiece	Hole Diameter		8+0.2	9 ^{+0.2} _{-0.1}	10 ±0.2	11 ±0.2	12 ±0.2	13 ±0.2	14 ±0.2	15 ±0.2	16 ±0.2	18 ±0.2	20 ±0.2
Workpiece mm	Thickness t	Min.		0.45									
	THICKNESS L	Max.	2.3	3.6	5.5	6	6.5	7	8.5		1	0	
Repeatability	/ *1	mm				0.0	5 (when c	ombining	3 D and	C)			
Allowable Offse	et (Pin Head Floating	Amount) mm	-		±0.6 (In case of	3 M)			±0.8 (In case of	3 M)	
Cylinder Full	Stroke	mm	8	9.3	12.1	13.8	14.3	14.8	16.3		17	7.8	
Lock Stroke mm		2.3	3.6	5.5	6	6.5	7	8.5	10				
Cylinder	ider Lock Side		5.5	6.4	8.4	9.5	9.9	10.2	17.2	18.8			
Capacity cm ³	Release Side		6.4	7.5	9.7	11.1	11.5	11.9	20.5		22	2.4	
6 Blank	Max. Operating Pressure MPa			0.5									
DIdlik	Min. Releasing Pressure MPa			0.2									
6 N Operating Pressure MPa				0.2 ~ 0.5									
Withstanding Pressure MPa				0.75									
Usable Fluid				Dry Air									
Recommended Air Blow Pressure MPa				0.1 ~ 0.2									
Operating Temperature °C				0 ~ 70									
Weight		ç		350 700									

Notes :

%1. Repeatability under the same condition (no load).

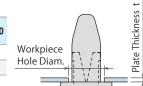
1. This product locks and releases with air pressure.

2. When using SWP - D/C - with other clamps, make sure SWP - D/C - operates first by sequence control of a circuit.

3. When using SWP_____-M-__ with other locating clamps or locating devices, make sure SWP_____-M-__ operates after workpiece locating is completed.

ion.		- -
13		7
0	5 Workpiece Hole Diame	eter
	In case of 1 Body Size 050	In case
	080 : Workpiece Hole Diam. ϕ 8 $^{+0.2}_{-0.1}$	140 :
	non : Warkpiece Hole Diam $\phi q + 0.2$	150 ·

	ess t
30 : Workpiece Hole Diam. ϕ 13 \pm 0.2	
20 : Workpiece Hole Diam. ϕ 12 \pm 0.2	200 : Workpiece Hole Diam. ϕ 20 $^{\pm 0.2}$
10 : Workpiece Hole Diam. ϕ 11 \pm 0.2	180 : Workpiece Hole Diam. ϕ 18 \pm 0.2
00 : Workpiece Hole Diam. ϕ 10 \pm 0.2	160 : Workpiece Hole Diam. ϕ 16 \pm 0.2
190 : Workpiece Hole Diam. ϕ 9 $^{+0.2}_{-0.1}$	150 : Workpiece Hole Diam. ϕ 15 \pm 0.2



Blank : With Self-Locking Function (Standard)

: Without Self-Locking Function



% With self-locking function, the clamp is locked at 0MPa. The ability of SWP varies depending on this function. Refer to the next page for further information.

Clamping Force • Expanding Force

Model No.		SWP	0502	SWP1002			
		6 Blank: With Self-Locking	6 N:Without Self-Locking	6 Blank: With Self-Locking	6 N:Without Self-Locking	Lo Pi	
	Air Pressure 0.5 MPa	380	325	600	500		
×2	Air Pressure 0.4 MPa	315	260	500	400		
Clamping	Air Pressure 0.3 MPa	250	195	400	300	Hig We	
Force	Air Pressure 0 MPa	55	-	100	-	Sw	
	Calculated Value **4	Fc=650×P+55	Fc=650×P	Fc=1000×P+100	Fc=1000×P		
	Air Pressure 0.5 MPa	1015	880	1600	1330	High-P	
*3	Air Pressure 0.4 MPa	840	700	1330	1060	We	
Expanding Force	Air Pressure 0.3 MPa	670	530	1060	800	Lin	
	Air Pressure 0 MPa	145	-	260	-		
	Calculated Value **4	Fe=1740×P+145	Fe=1760×P	Fe=2680×P+260	Fe=2660×P	Air	

Notes :

%2. Clamping force shows the pressing force against the seating surface.

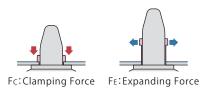
The values in the table shows the calculated value when the workpiece thickness t is 0.45mm.

*3. Expanding force shows the gripping force generated inside workpiece hole.

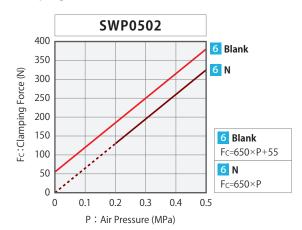
Values in the table show the calculated value when the friction coefficient is μ 0.15.

%4. Fc:Clamping Force (N), FE:Expanding Force (N), P:Air Pressure (MPa)

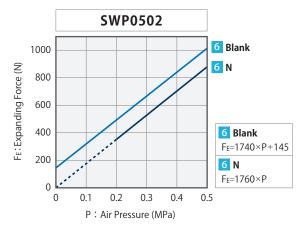
1. Depending on the material, thickness and chamfer shape of a workpiece hole, it can be deformed by clamping action, and the specifications will not be satisfied. Make sure to test clamping beforehand and adjust pressure accordingly.

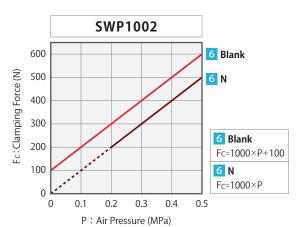


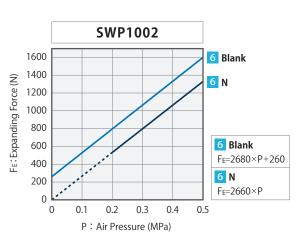
Clamping Force Curve











High-Power

Automation Pallet Clamp

BZW

Manifold Block

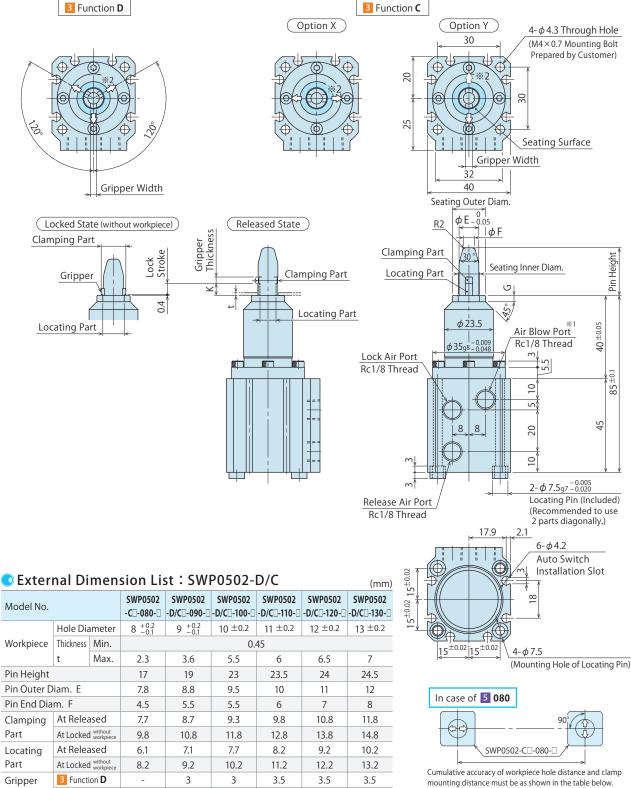
General Cautions

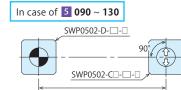
Welding Application Related Products

Die Change System for Press Machines Company Profile Sales Offices

WHZ-MD

SWP0502-D/C ** This drawing shows the released state of SWP0502-D/C.





Cumulative accuracy of workpiece hole distance and clamp mounting distance must be as shown in the table below.

5 Hole Diam.	Distance Accuracy				
080 ~ 090	\pm 0.05mm or better				
100	\pm 0.15mm or better				
110 ~ 130	\pm 0.40mm or better				

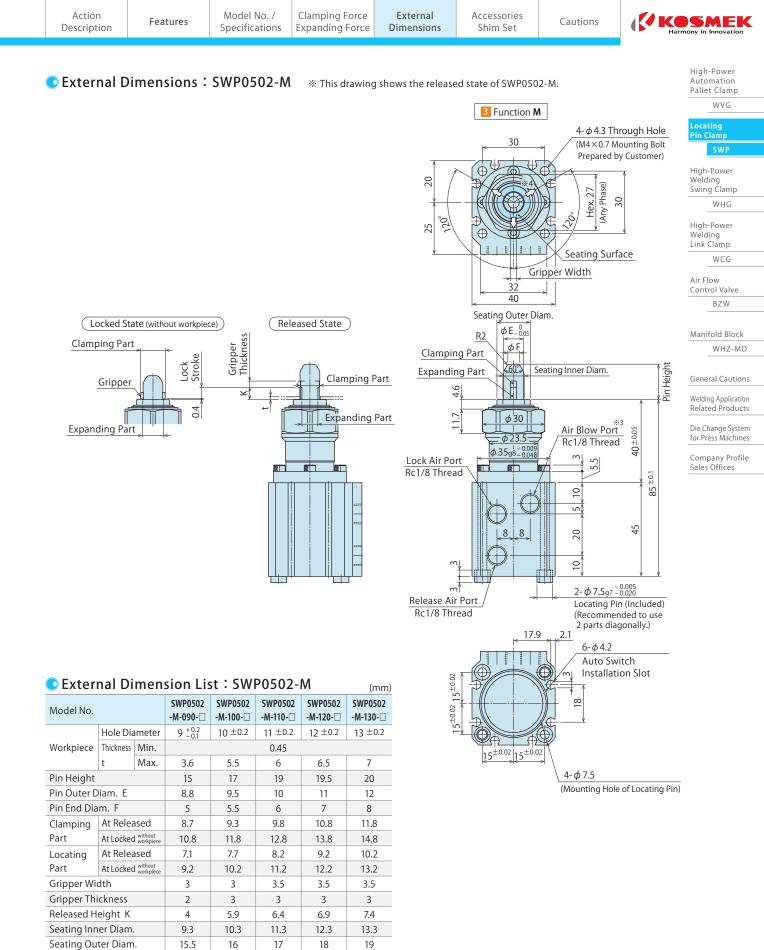
I

	Hole Dia	ameter	8 +0.2 -0.1	9 +0.2	10 ±0.2	11 ±0.2	12 ±0.2	13 ±0.2				
Workpiece	Thickness	Thickness Min.		0.45								
	t	Max.	2.3	3.6	5.5	6	6.5	7				
Pin Height			17	19	23	23.5	24	24.5				
Pin Outer D	iam. E		7.8	8.8	9.5	10	11	12				
Pin End Dia	m. F		4.5	5.5	5.5	6	7	8				
Clamping	At Relea	ased	7.7	8.7	9.3	9.8	10.8	11.8				
Part	At Locked without workpiece		9.8	10.8	11.8	12.8	13.8	14.8				
Locating	At Released		6.1	7.1	7.7	8.2	9.2	10.2				
Part	At Locked	without workpiece	8.2	9.2	10.2	11.2	12.2	13.2				
Gripper	Gripper 3 Function D		-	3	3	3.5	3.5	3.5				
Width 🛛 🖪 Fund		ion C	3	3	3.5	3.5	3.5	3.5				
Gripper Thi	Gripper Thickness Released Height K		2	2	3	3	3	3				
Released H			2.7	4	5.9	6.4	6.9	7.4				
Seating Inner Diam. Seating Outer Diam.		8.3	9.3	10.3	11.3	12.3	13.3					
		15	15.5	16	17	18	19					
Seating Par	Seating Part G			2.5	3	3	3	3				
Lock Stroke	2		2.3	3.6	5.5	6	6.5	7				

Notes :

%1. Continuously supply air pressure to the air blow port for the use in an environment where contaminants may enter into the product such as welding.

 2. The arrow \Box in the drawing shows expanding direction of grippers. Since the clamping part is not a floating structure, when clamping a workpiece with two of these products, consider distance accuracy and use them with arrangement shown in the drawing on the right. With out-of specification distance accuracy, workpiece will interfere with the guide part causing damages.



Notes :

Lock Stroke

%3. Continuously supply air pressure to the air blow port for the use in an environment

6

6.5

7

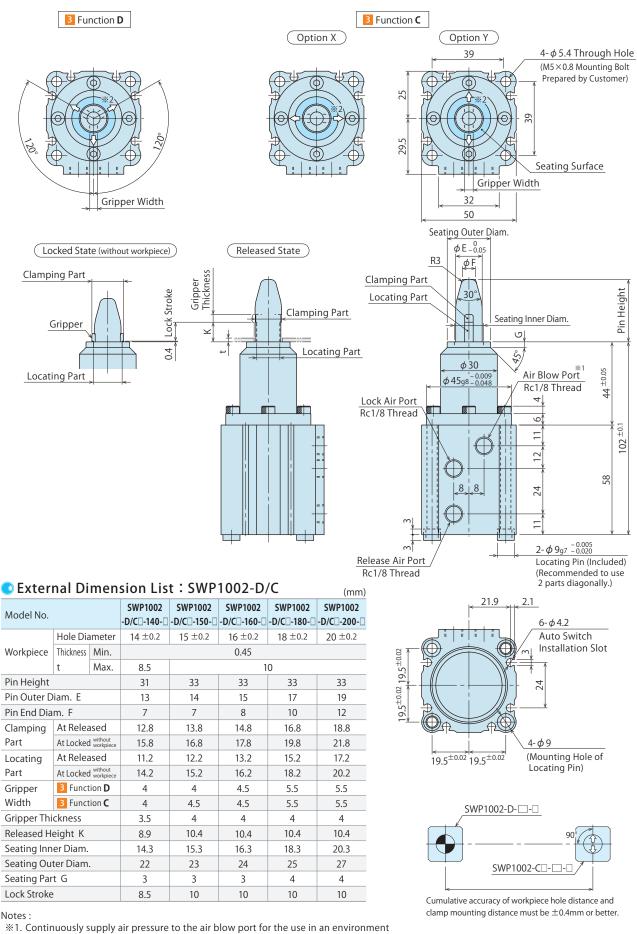
5.5

where contaminants may enter into the product such as welding.

3.6

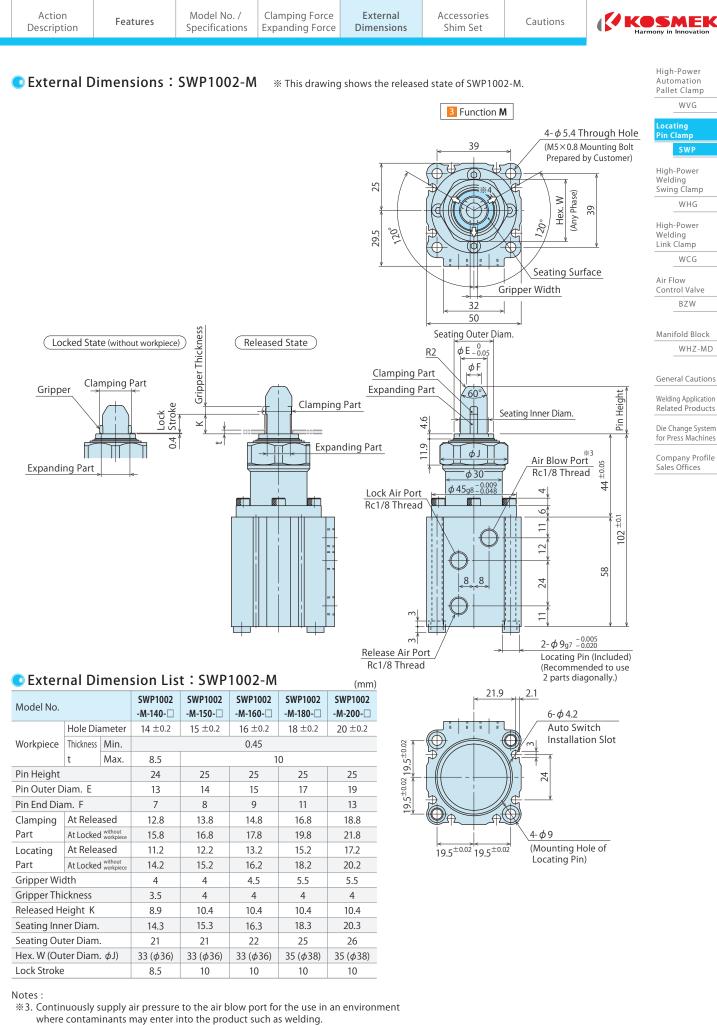
4. The arrow \Box in the drawing shows expanding direction of grippers.

• External Dimensions : SWP1002-D/C * This drawing shows the released state of SWP1002-D/C.



where contaminants may enter into the product such as welding. $\ll 2$. The arrow \Box in the drawing shows expanding direction of grippers.

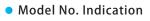
Since the clamping part is not a floating structure, when clamping a workpiece with two of these products, use them within ±0.4mm of distance accuracy and with arrangement shown in the drawing on the right. With out-of specification distance accuracy, workpiece will interfere with the guide part causing damages.



*4. The arrow in the drawing shows expanding direction of grippers.

Accessory : Shim Set

A set of shims for level adjustment of the seating surface.





1 Body Size

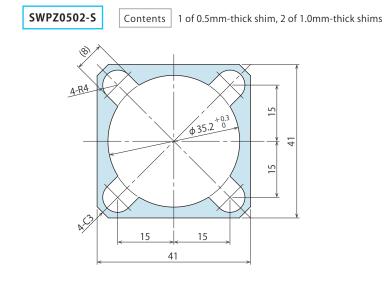
050: For SWP0502

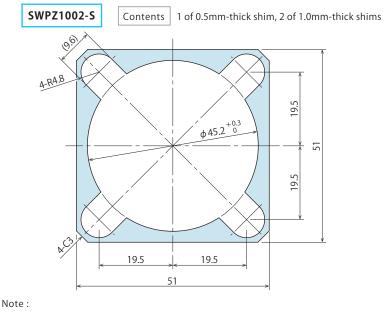
100: For SWP1002

2 Design No.

2 : Revision Number

External Dimensions

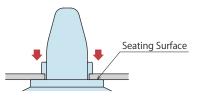






	Action Description	Features	Model No. / Specifications	Clamping Force Expanding Force	External Dimensions	Accessories Shim Set	Cautions	
	Cautions							High-Power Automation
	Notes for D	esign						Pallet Clamp WVG
1) Check Specifications 6) Installation of the Clamp								Locating Pin Clamp

- Please use each product according to the specifications.
- This product is an air double-acting clamp which locks and releases with air pressure. In case of Self-Locking Function Option, the clamp will be locked by spring force when release air pressure is released.
- 2) Reference Surface (Seating Surface) towards Z-axis
- This product has the seating surface for workpiece and locates in Z direction.

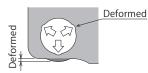


- 3) Clamping Force and Expanding Force
- Clamping force shows the pressing force against the seating surface, and expanding force shows the gripping force generated inside workpiece hole.

Make sure to test clamping and adjust pressure accordingly. Insufficient clamping force and/or expanding force leads to locking malfunctions and accuracy failure.

- 4) Wall Thickness around Workpiece Hole
- Thin wall around the workpiece hole could be deformed by locking action, and clamping force and/or locating repeatability will not fill the specification.

Please test clamping and adjust pressure accordingly before use.



5) Workpiece hole size and thickness should be within the range of the specification.

When workpiece hole diameter is larger than specification.	Expansion stroke is insufficient leading to accuracy failure and locking malfunction.
When using it with insufficient clamping force.	Leads to locking malfunction.
When workpiece hole diameter is smaller than specification.	Difficult to attach/detach the workpiece leading to damage.
Workpiece is thin.	Leads to locking malfunction.
Workpiece is thick.	Leads to locking malfunction.

● The arrow ⊏> in the drawing shows expanding direction of grippers. Since the clamping part of Function D (Datum) / C (Cut) does not have a floating structure, when clamping a workpiece with two of these products, consider distance accuracy and use them with arrangement shown in the drawing below.

High-Power Welding

Swing Clamp

High-Power

Welding Link Clamp

WHG

WCG

BZW

Manifold Block WHZ-MD

General Cautions

Welding Application Related Products

Die Change System for Press Machines

Company Profile Sales Offices

Air Flow Control Valve

(Accuracy is not guaranteed since there is no reference locating.) With out-of specification distance accuracy, workpiece will interfere with the guide part causing damages.

Please use Function M (Floating) when using more than three of these products.

In case of Workpiece Hole Diam. **080**: ϕ 8

(Accuracy is not guaranteed since there is no reference locating.)



Cumulative accuracy of workpiece hole distance and clamp mounting distance must be as shown in the table below.

In case of Workpiece Hole Diam. **090** ~ **200**: ϕ 9 ~ 20



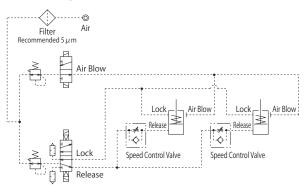
Cumulative accuracy of workpiece hole distance and clamp mounting distance must be as shown in the table below.

Hole Diam.	Distance Accuracy				
080~090	±0.05mm or better				
100	\pm 0.15mm or better				
110~200	\pm 0.40mm or better				

7) Refer to the drawing below for air circuit.

Excessive locking action speed leads to possible damage to the grippers and internal parts. Adjust the flow control valve with check valve (meter-out) to set the locking action time at 0.5 ~ 1 sec.

When using two Locating Pin Clamps for locating a workpiece, adjust the action procedure so that Function D (Datum) is locked before Function C (Cut). Function M (Floating) should be locked after locating is completed.

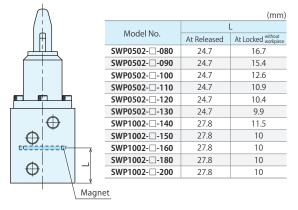


- 8) Fall Prevention Measures
- When using for transfer, etc., please prepare fall prevention measures for safety in case of an accident such as detachment of a workpiece.

Cautions

- Notes for Design
- 9) For Use of Auto Switch
- Magnet is built in the cylinder of this product, so the clamp action can be detected by auto switch.

Refer to the following for the position of the built-in magnet.



- Select an auto switch depending on the environment.
- Please use a magnetic field resistant auto switch for an environment which generates a magnetic field disturbance. Recommended Auto Switch : D-P3DWA (made by SMC)
- An auto switch may be stuck out of the clamp depending on the installation position and direction.
- If a magnetic substance (such as a steel plate) closely set with the cylinder, the operation of the auto switch may become unstable.
- The auto switch detection part (magnet) is interlocked with the piston movement, so it does not detect the gripper movement.
- 10) Continuously supply air pressure to the air blow port for the use in an environment where contaminants may enter into the product such as welding.
- When using under environment with cutting chips, air blow is recommended in order to prevent spatter from entering in.
- 11) Release Action

When using in a horizontal application, it is recommended to install a fall prevention of workpiece for temporal tacking.

- 12) All clamps must be fully released before loading and unloading a workpiece.
- When a workpiece is loaded and unloaded during lock or release operation, it will lead to damage of clamp or fall of workpiece.

Installation Notes

- 1) Check the fluid to use.
- Please supply filtered clean dry air.
- Also, install the drain removing device such as aftercooler, air dryer, etc.
 Oil supply with a lubricator, etc. is unnecessary.
- Oil supply with a lubricator may cause loss of the initial lubricant. The operation under low pressure and low speed may be unstable.

2) Preparation for Piping

- The pipeline, piping connector and fixture circuits should be cleaned and flushed thoroughly. The dust and cutting chips in the circuit can lead to fluid leakage and malfunction.
- There is no filter provided with this product to prevent contamination in the circuit.
- 3) Applying Sealing Tape
- Wrap with tape 1 to 2 times following the screwing direction.
- Pieces of the sealing tape can lead to air leakage and malfunction.
- In order to prevent contamination during the piping work, it should be carefully cleaned before working.

4) Mounting Locating Pin Clamp

When mounting the product use four hexagonal socket bolts (with tensile strength of 12.9 or A2-70) and tighten them with the torque shown in the table below. Tightening with greater torque than recommended can dent the seating surface or break the bolt.

Model No.	Tightening Bolt Size	Strength Class	Tightening Torque (N·m)
SWP0502	M4×0.7	12.9	3.2
3WP0302	1014 ~ 0.7	A2-70	2.5
SWP1002	M5×0.8	12.9	6.3
5WP1002	1015 ~ 0.0	A2-70	5.0

5) Port Position of Locating Pin Clamp

 The name of each port is marked on the flange surface. Be careful with the mounting direction of piping.

- LOCK : Lock Air Port
- RELEASE : Release Air Port
- BLOW : Air Blow Port
- It is recommended to use air piping with outer diameter φ6 (inner diameter φ4) or larger for air blow.
- Level Adjustment of the Seating Surface If requiring level adjustment of the seating surface, use a shim set for level adjustment (sold separately).

Action Description	Features	Model No. / Specifications	Clamping Force Expanding Force	External Dimensions	Accessories Shim Set	Cautions	

Notes on Handling

- 1) It should be operated by qualified personnel.
- Machines and devices with hydraulic and pneumatic products should be operated and maintained by qualified personnel.
- 2) Do not operate or remove the product unless the safety protocols are ensured.
- ① Machines and devices can only be inspected or prepared when it is confirmed that the safety devices are in place.
- ② Before removing the product, make sure that the above-mentioned safety devices are in place. Shut off the pressure and power source, and make sure no pressure exists in the air circuits.
- ③ After stopping the product, do not remove until the temperature drops.
- ④ Make sure there is no trouble/issue in the bolts and respective parts before restarting the machine or equipment.
- Do not touch the clamp while it is working. Otherwise, your hands may be injured.
- In case of Self-Locking Function Option, the clamp will be locked when air pressure is cut off. Be careful not to pinch your hands.



- When transferring a workpiece, secure the safety of environment in case of a workpiece detachment.
- 5) Do not modify or disassemble the air cylinder.
- Contains a powerful spring in the air cylinder which is dangerous.

Maintenance and Inspection

- 1) Removal of the Product and Shut-off of Pressure Source
- Before removing the product, make sure that safety devices and preventive devices are in place. Shut off the pressure and power source, and make sure no pressure exists in the air circuits.
- Make sure there is no trouble/issue in the bolts and respective parts before restarting.
- 2) Regularly clean the gripper and the seating surface.
- If it is used when the surface is contaminated with dirt, it may lead to malfunctioning, accuracy failure and air leakage.



 If there is malfunction even after cleaning the product from outside, there may be contaminants or damage within internal parts. In this case, overhaul is required. Please call us or overhaul by yourself following the replacement procedure. Contact us for the replacement procedure for grippers. (If overhauled by unauthorized personnel, the warranty will be void even the period is still active.)

3) Regularly tighten pipe, mounting bolt to ensure proper use.

- Friction on the gripper leads to locking malfunction and lower locating repeatability.
- Replacement period differs depending on operating pressure, workpiece material, and shape of hole. When you find friction on gripper locating part, the gripper needs to be replaced. Please contact us for replacement, or replace the parts by following the replacement procedure. Regularly apply lubricant oil or grease on the gripper locating part in order to prevent friction and extend the gripper's operational life.
- 5) Make sure there is a smooth action without an irregular noise.
 Especially when it is restarted after left unused for a long period, make sure it can be operated correctly.
- The products should be stored in the cool and dark place without direct sunshine or moisture.
- 7) Please contact us for overhaul and repair. Contains a powerful spring in the air cylinder which is dangerous.

Automation Pallet Clamp WVG

High-Power





Welding Swing Clamp WHG

High-Power Welding Link Clamp WCG

Air Flow Control Valve BZW

Manifold Block WHZ-MD

General Cautions

Welding Application Related Products Die Change System for Press Machines

Company Profile

Sales Offices

Cautions

Notes on Handling

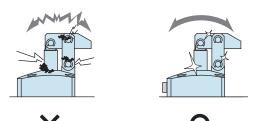
- 1) It should be operated by qualified personnel.
- Hydraulic and/or pneumatic machines and devices should be operated and maintained by qualified personnel.
- 2) Do not operate or remove the product unless the safety protocols are ensured.
- ① The machine and equipment can only be inspected or prepared when it is confirmed that the safety devices are in place.
- ② Before removing the product, make sure that the above-mentioned safety devices are in place. Shut off the pressure and power source, and make sure no pressure exists in the air circuits.
- ③ After stopping the product, do not remove until the temperature drops.
- ④ Make sure there is no trouble/issue in the bolts and respective parts before restarting the machine or equipment.
- Do not touch the clamp (cylinder) while it is working. Otherwise, your hands may be injured.



- 4) Do not disassemble or modify.
- If the product is taken apart or modified, the warranty will be voided even within the warranty period.

Maintenance and Inspection

- 1) Removal of the Product and Shut-off of Pressure Source
- Before removing the product, make sure that safety devices and preventive devices are in place. Shut off the pressure and power source, and make sure no pressure exists in the air and hydraulic circuits.
- Make sure there is no abnormality in the bolts and respective parts before restarting.
- 2) Regularly clean the area around the piston rod.
- If it is used when the surface is contaminated with dirt, it may lead to packing seal damage, malfunctioning and fluid leakage.



- 3) Regularly tighten pipes, mounting bolts, nuts, snap rings, cylinders and others to ensure proper use.
- 4) Make sure there is a smooth action without an irregular noise.
- Especially when it is restarted after left unused for a long period, make sure it can be operated correctly.
- 5) The products should be stored in the cool and dark place without direct sunshine or moisture.
- 6) Please contact us for overhaul and repair.



Warranty

- 1) Warranty Period
- The product warranty period is 18 months from shipment from our factory or 12 months from initial use, whichever is earlier.
- 2) Warranty Scope
- If the product is damaged or malfunctions during the warranty period due to faulty design, materials or workmanship, we will replace or repair the defective part at our expense.
 Defects or failures caused by the following are not covered.
- ① If the stipulated maintenance and inspection are not carried out.
- ② Failure caused by the use of the non-confirming state at the user's discretion.
- ③ If it is used or handled in inappropriate way by the operator.
 (Including damage caused by the misconduct of the third party.)
- ④ If the defect is caused by reasons other than our responsibility.
- (5) If repair or modifications are carried out by anyone other than Kosmek, or without our approval and confirmation, it will void warranty.
- ⑥ Other caused by natural disasters or calamities not attributable to our company.
- ⑦ Parts or replacement expenses due to parts consumption and deterioration.

(Such as rubber, plastic, seal material and some electric components.)

Damages excluding from direct result of a product defect shall be excluded from the warranty.

High-Power Automation Pallet Clamp

WVG

Locating Pin Clamp SWP

High-Power Welding Swing Clamp WHG

High-Power Welding Link Clamp WCG

Air Flow Control Valve BZW

Manifold Block

General Cautions

Welding Application Related Products

Die Change System for Press Machines

Company Profile Sales Offices

Company Profile



KOSMEK LTD. Head Office

Company Name	KOSMEK LTD.	
Established	May 1986	
Capital	¥99,000,000	
President & CEO	Koji Kimura	
Employee Count	270	
Group Company	KOSMEK LTD. KOSMEK ENGINEERING LTD.	
	KOSMEK (USA) LTD. KOSMEK EUROPE GmbH	
	KOSMEK (CHINA) LTD. KOSMEK LTD INDIA	
Business Fields	Design, production and sales of precision products,	
	and hydraulic and pneumatic equipment	
Customers	Manufacturers of automobiles, industrial machinery semiconductors and electric appliances	
Banks	Resona bank, Tokyo-Mitsubishi bank	

Sales Offices

Sales Offices across the World	JAPAN HEAD OFFICE Overseas Sales	TEL. +81-78-991-5162 FAX. +81-78-991-8787 KOSMEK LTD. 1-5, 2-chome, Murotani, Nishi-ku, Kobe-city, Hyogo, Japan 651-2241 〒651-2241 〒651-2241 兵庫県神戸市西区室谷2丁目1番5号		
	United States of America SUBSIDIARY	TEL. +1-630-620-7650 FAX. +1-630-620-9015		
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	KOSMEK EUROPE GmbH	Schleppeplatz 2 9020 Klagenfurt am Wörthersee Austria		
	CHINA	TEL. +86-21-54253000 FAX. +86-21-54253709		
	KOSMEK (CHINA) LTD. 考世美(上海)貿易有限公司	Room601, RIVERSIDE PYRAMID No.55, Lane21, Pusan Rd, Pudong Shanghai China 中国上海市浦东新区浦三路21弄55号银亿滨江中心601室		
	INDIA BRANCH OFFICE	TEL. +91-9880561695		
	KOSMEK LTD INDIA	4A/Old No:649, Ground Floor, 4th D cross, MM Layout, Kavalbyrasandra, RT Nagar, Bangalore -560032 India		
	THAILAND REPRESENTATIVE OFFICE	TEL. +66-2-300-5132 FAX. +66-2-300-5133		
	KOSMEK Thailand Representation Office	67 Soi 58, RAMA 9 Rd., Phatthanakan, Suanluang, Bangkok 10250, Thailand		
	TAIWAN (Taiwan Exclusive Distributor)	TEL. +886-2-82261860 FAX. +886-2-82261890		
	Full Life Trading Co., Ltd. 盈生貿易有限公司	16F-4, No.2, Jian Ba Rd., Zhonghe District, New Taipei City Taiwan 23511 台湾新北市中和區建八路2號 16F-4(遠東世紀廣場)		
	PHILIPPINES (Philippines Exclusive Distributor)	TEL. +63-2-310-7286 FAX. +63-2-310-7286		
	G.E.T. Inc, Phil.	Victoria Wave Special Economic Zone Mt. Apo Building, Brgy. 186, North Caloocan City, Metro Manila, Philippines 14		
	INDONESIA (Indonesia Exclusive Distributor)	TEL. +62-21-29628607 FAX. +62-21-29628608		
	PT. Yamata Machinery	Delta Commercial Park I, Jl. Kenari Raya B-08, Desa Jayamukti, Kec. Cikarang Pusat Kab. Bekasi 17530 Indone		
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	Overseas Sales	〒651-2241 兵庫県神戸市西区室谷2丁目1番5号		
-	Tokyo Sales Office	TEL. 048-652-8839 FAX. 048-652-8828 〒331-0815 埼玉県さいたま市北区大成町4丁目81番地		
		TEL. 0566-74-8778 FAX. 0566-74-8808		
	Nagoya Sales Office	〒446-0076 愛知県安城市美園町2丁目10番地1		
		TEL. 092-433-0424 FAX. 092-433-0426		
	Fukuoka Sales Office			



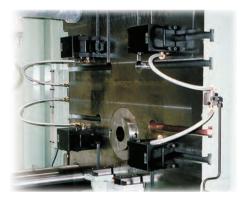
Product Line-up



Quick Die Change Systems FOR PRESS MACHINES



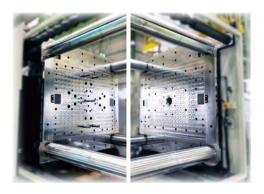
Kosmek Factory Automation Systems FACTORY AUTOMATION INDUSTRIAL ROBOT RELATED PRODUCTS



Diecast Clamping Systems FOR DIECAST MACHINES



Kosmek Work Clamping Systems MACHINE TOOL RELATED PRODUCTS



Quick Mold Change Systems FOR INJECTION MOLDING MACHINES



Washing Application Products KOSMEK PRODUCTS FOR WASHING APPLICATION

High-Power Automation Pallet Clamp

WVG

Locating Pin Clamp SWP

High-Power Welding Swing Clamp

WHG High-Power

Welding Link Clamp WCG

Air Flow Control Valve BZW

Manifold Block WHZ-MD

General Cautions

Welding Application Related Products

Die Change System for Press Machines

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For Further Information on Unlisted Specifications and Sizes, Please call us. Specifications in this Leaflet are Subject to Change without Notice.



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