

Q. D. C. System

Quick Die Change System









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MICO Myoungjin



















CEO's Message

MICO Myoungjin

MICO Myoungjin has had the honor to be in partnership with your company for years since the establishment in November 1, 1989.

MICO Myoungjin is a reliable and innovative general equipment company that provides a quick, accurate, safe and easy die change system for the equipments, including a press, an injection molding machine, a die casting, and a forging press.

Main products include the quick die change system (QDC System), the mold rack, the die opening/closing turnover machine, and the mold moving cart.

Paying attention to the voice of customer, MICO Myoungjin is endeavoring to meet the customer's needs based on the "Quality First" philosophy.

Management Philosophy

Challenge to the innovation that develops the intelligent, functional and durable QDC systems

Business Policy

Listening to the voice of the customer

Company Motto

With a 'Can Do' belief, MICO Myoungjin will lead in the QDC systems that satisfy the customer with the best quality.

Myoung Hyo LEE CEO

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LY TYPE CLAMP 7~8



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TM TYPE CLAMP 15



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AFSY TYPE CLAMP 21~22



NSY TYPE CLAMP 23
TN TYPE CLAMP 24



DIE LIFTER 50 TYPE 25
DIE LIFTER 70 TYPE 27

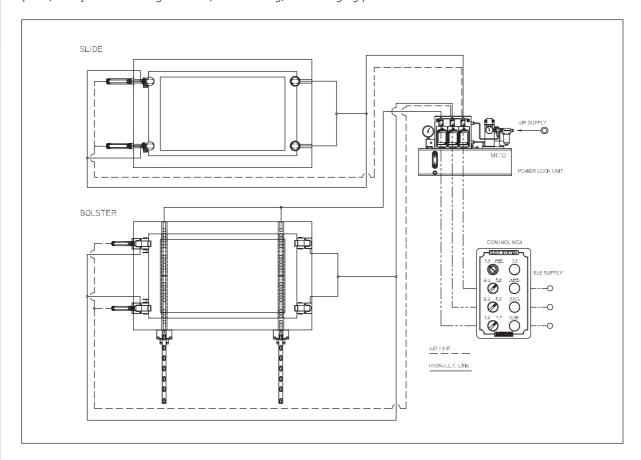
DIE LIFTER 28 TYPE

DIE LIFTER BL TYPE 28



system maximizes the functionality, economical efficiency and safety.

MICO Myoungjin provides a quick, accurate, safe and easy QDC system for the equipments, including a press, an injection molding machine, a die casting, and a forging press.



Selection of Clamp

The total clamping force (Σ Fc), which is 10-20% of the machine power, divided by the number of clamp (N) is the unit clamping force (Fc).

$$FC = \frac{\sum FC}{N}$$
 (ton)

BOLT SIZE	M16	M18	M20	M24	M30	M38
Clamping Force (ton) 3	4	6	10	15	20

Estimated maximum clamping force per a bolt (Re.) Bolt material = S45C, 4y = 50 kgf/mm2 Clamping Force = 0.55 by Wrench Manipulation Force = 50 kgf

Duration to Maintain the Clamping Force

A non-leak valve in the power lock unit maintains the pressure more than 50% to clamp a mold even in a power or air supply failure.

Basic Type	Ltype Check	AHPC-20
45hrs	240hrs	350hrs

Clamping Time

$$t = \frac{\sum V \times 60}{0.7 \sim 0.8 \times Qf} + 1 \text{(sec)}$$

t: Clamping time

Y: Cylinder volume in clamping

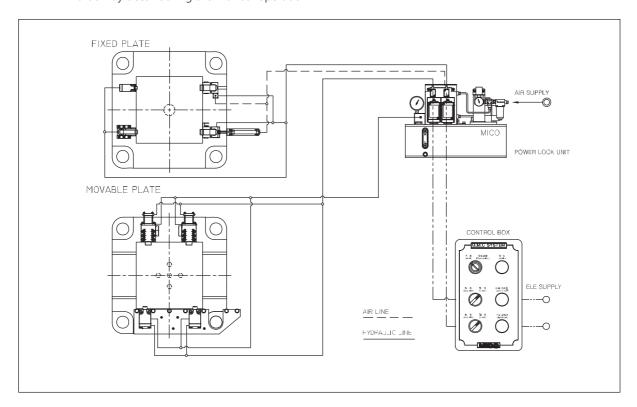
Qf: Pump discharge (ml/min)

Safe Circuit

- A pressure switch in the power lock unit is activated if the hydraulic pressure falls below a certain level in a circuit.
- An interlock circuit connected with the basic circuit maintains the safety to detect the failure.
- A non-leak valve in the power lock unit maintains the pressure.
- An interlock circuit between a bottom clamp and a die lifter holds the slide in place during the operation of a die lifter.
- A standard system equips with a hydraulic pressure gauge for a visual inspection.

Integrated Automation System

- **Functionality:** The system components are highly durable to stand against vigorous operation conditions, including a high speed, vibration, a high temperature, and humid.
- Economic Efficiency: An automatic change system allows changing a large-sized mold within several minutes.
- **Safety:** Together with a safety control device, a non-touch clamp and a mechanical lock clamp eliminate risks that may occur during the manual operation.



INJECTION & DIE-CASTING MACHINE

Injection M	olding M/C	Cla	mp		T-G	roove		
Capacity	Mold Opening Force	Type/Capacity	Type/Capacity	А	В	С	D	
~100TON	8 TON	TM 2.5 x 8	LY 2 x 8	0.5	2		2	
~150TON	10 TON	11VI Z.5 X 8	LY 4 x 8	$22^{+0.5}_{0}$	37 ⁺³	22 +2	22 +2	
~250TON	16 TON	TM 4 x 8	LT 4 X O					
~350TON	24 TON	TM 6 x 8	LY 6 x 8	28 +0.5	46 0	20 +2	28 +2	
~550TON	40 TON	TM 10 x 8	LY 10 x 8	20 0	40 0	20 0	20 0	
~850TON	64 TON	TM 16 x 8	LY 16 x 8	32 +0.5	53 +4	24 +2	28 +2	B
~1250TON	100 TON	TM 16 x 12	LY 25 x 8	<i>J</i> 2 ₀)) ₀	Z4 ₀	20 0	1 1

Example: For an injection molding machine with a capacity of 550 ton

The mold opening force is 40 ton, which requires 8 TM clamps for 10 ton, or 8 LY clamps for 10 ton.

Internal and External Preparations for the Operation of a QDC System

• Internal Preparation

Completely stop the operation of the associated machines, including a press, an injection molding machine, a die casting machine, and a QDC system.

• External Preparation

Use a moving cart to transport and place a mold drawn from a mold rack to an injection molding machine, and prepare a turnover machine necessary for the mold repair.





9 111111

Designation



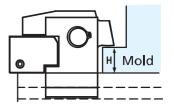




① Nomi	nal Clamping Force
2	2 tons
4	4 tons
6	6 tons
10	10 tons
16	16 tons

	② Installation								
Т	Movable with T Bold								
F	Fixed with Bolster								

③ Mold Height: H (mm)



Auto Clamp SLY Type



with an air cylinder attached.

- There are two LY type clamps: movable with T-groove bolt, and fixed with bolster.
- As the cylinder part is separate from the lever part, an equal force is applied to T-groove. The grooves are evenly worn down, with an allowable tolerance in clamping.
- Usable for the mold that has no U-groove
- The pressure is primarily increased from the operating pressure in proportion to the cylinder area, and secondarily by the lever.

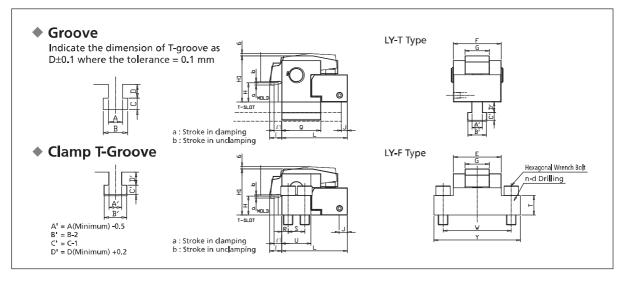


Specifications

Item Type	LY2	LY4	LY6	LY10	LY16	LY25			
Internal Pressure (kgf/cm²)	275								
Maximum Operating Pressure (kgf/cm²)	185								
Commercial Clamping Force (ton)	2	4	6	10	16	25			
Stroke (mm)	5	5	7	8	8	10			
Required Flow Rate (ml)	6.8	12.5	25.8	59	80.5	112.5			
Operating Temperature (°C)			-5~6	0°C					
Weight (kgf)*	3	4.8	9	15.1	23.5	43			

^{*} Weight at H = 50 mm

Profiles & Dimensions



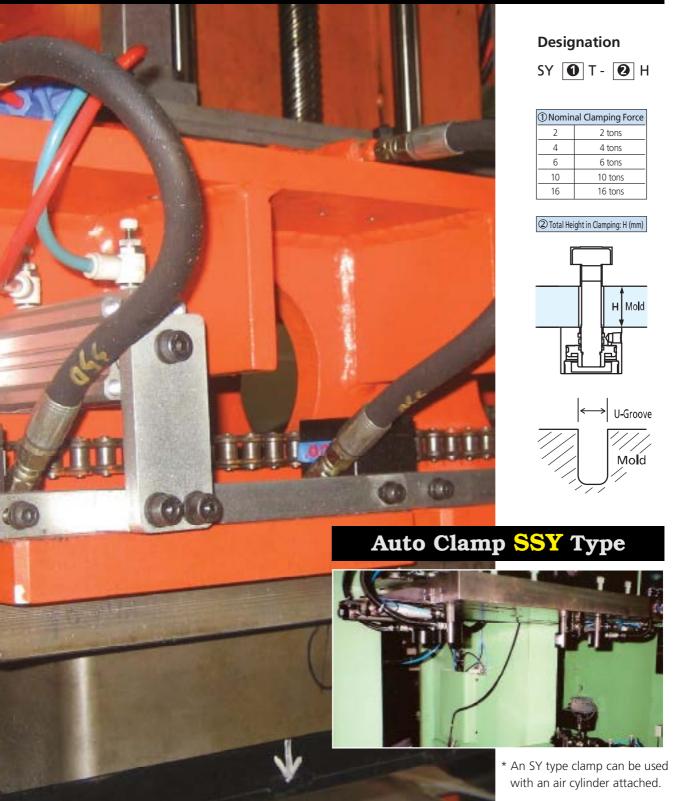
Mold Type	Height H	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115 1	20	а	b	F	G	L	I	Ī1	J	R	S	Т	U	w	Υ	n-d	Q
LY 2			6	1		7	1	8	1	_											-	2	3	66	30	79	18	14	15	16	-	30	31	90	115	2-16	45
LY 4	Mo	_			78			8	8	98	3	10	8	_							-	2	3	78	40	104	21	16	20	21	-	33	46	110	144	2 - 22	61
LY 6	H P	_		-			95				10)5	11	5	12	5	13	5	_		-	2.5	4.5	98	50	134	25	18	25	30	-	40	60	140	180	2 - 26	80
LY 10	eight	_				_				12	0				13	0	14	10		150		3	5	108	55	158	28	20	32	16	34	50	68	140	172	4-22	87
LY 16	:: <u>=</u>	_						_			138			14	18	15	8	16	8	178	3	3	5	138	60	195	32	22	38	20	45	55	85	180	220	4-29	108
LY 25		_								_		168	8			20)2			238		4	6	156	70	240	41	25	50	28	48	65	106	204	250	4-33	126

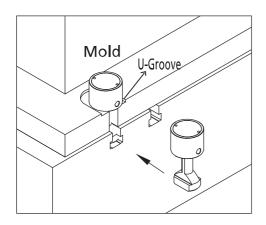
^{*} Above specifications are subject to change without notice for further improvement in quality.

• For a Heavy & Large Injection Molding Machine

	Injection Molding M/C	100TON	150TON	250TON	350TON	450-550TON	650-850TON	1300TON	1600TON	3000TON
ľ	Clamp	LY 2T	LY 4T	LY 4T	LY 6T	LY 10T	LY 16T	LY 16T	LY 16T	LY 25T
ľ	Q'ty	8 EA	8 EA	12 EA	16 EA	16 EA				







- Generally used in press mainly when the slide area and a mold are small.
- Use T-groove to easily change a mold.
- mold shall have U-groove.
- Use a horseshoe block to adjust the clamping height of a non-standard mold.
- Customization is available for the specific conditions of mold and press.

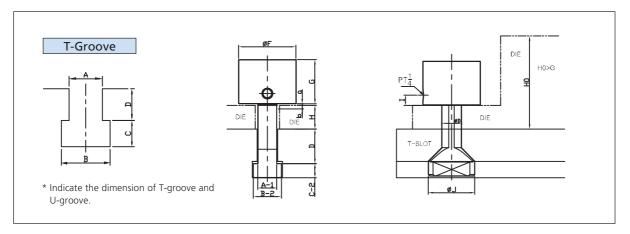


Specifications

Item Type	SY2	SY4	SY6	SY10	SY16			
Internal Pressure (kgf/cm²)			275					
Maximum Operating Pressure (kgf/cm²)	185							
Commercial Clamping Force (ton)	2.0	4.2	6.0	10.5	16.8			
Stroke (mm)	5	5	7	8	8			
Required Flow Rate (ml)	5.6	11.7	24.2	46.7	74.8			
Operating Temperature (°C)		•	-5~60°C					
Oil		Com	mon Hydraul	ic Oil				
Weight (kgf)*	1.2	2.2	3.5	6.3	12.2			

^{*} Weight at H = 100 mm

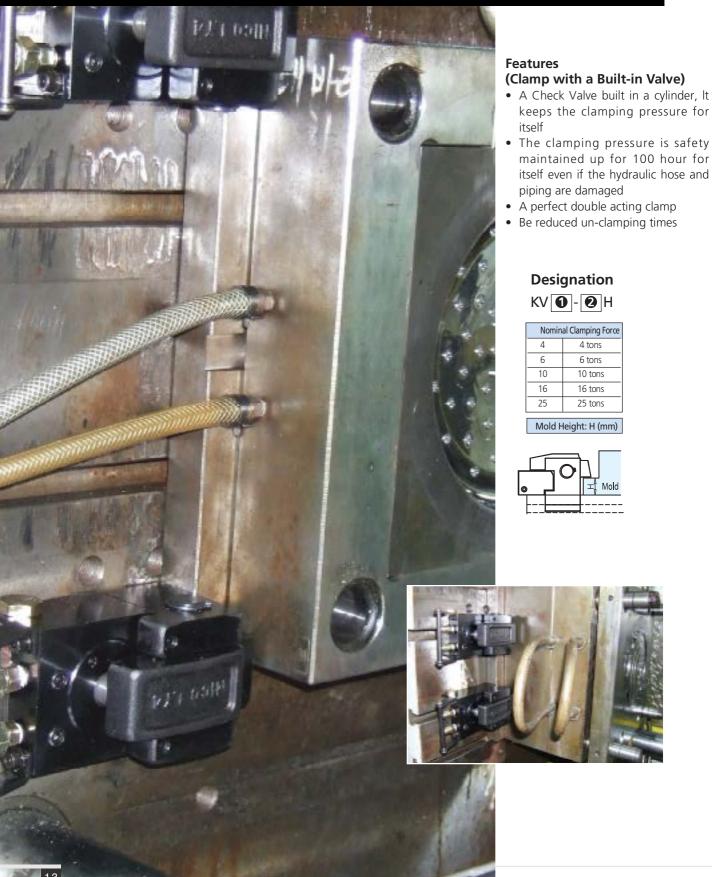
Profiles & Dimensions



Item	2	h	٦	-	G	N			Min K	Min M	Flow Rate (ml)		
TYPE	а	b	a	Г	g	IN		J	IVIIII K	IVIIII IVI	UNCLAMP	CLAMP	
SY 2	2	3	18	58	49	10	12	38	8	12	5.6	4.3	
SY 4	2	3	25	73	56	17.5	13	59	10	17	11.7	7.5	
SY 6	2.5	4.5	30	88	64	17.5	15	64	14	20	24.2	15.6	
SY10	3	5	40	108	77	20	15	79	17	28	46.7	29.2	
SY16	3	5	50	146	86	20	15	89	20	32	74.8	46.7	

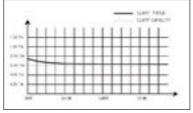
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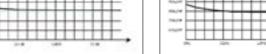
Auto Clamp KV Type



KV 10 ton clamp keeps the clamping pressure for itself



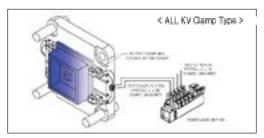




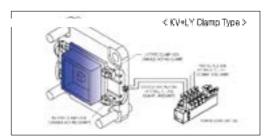
Office The hydraulic hose was removed, The clamp pressure test?

Other The hydraulic power was removed, The clamp pressure test-

"The Safety which is Perfect"



- The new perfect safety Clamp
 The good safety for Big Injection machines and press machines
- For the safety of worker and mold, machine



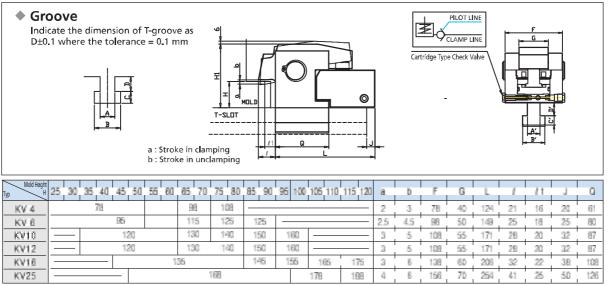
- The Type which is reduced a price
- When The Hydraulic hose is damaged, It can keep the clamping pressure for itself

Specifications

Item Type	KV4	KV6	KV10	KV16	KV25
Internal Pressure (kgf/cm²)			275		
Maximum Operating Pressure (kgf/cm²)			185		
Commercial Clamping Force (ton)	4	6	10	16	25
Stroke (mm)	5	7	8	8	10
Required Flow Rate (ml)	12.5	25.8	59	80.5	112.5
Operating Temperature (°C)			-5~60°C		-
Weight (kgf)*	4.8	9.8	15.1	25.4	38

^{*} Weight at H = 50 mm

Profiles & Dimensions



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Auto Clamp TK Type

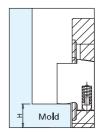


Designation

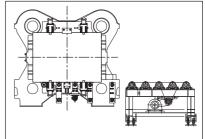
TK **1** T - **2** H

① Nomi	nal Clamping Force
16	16 tons
25	25 tons
40	40 tons

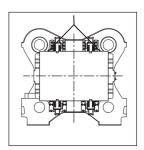




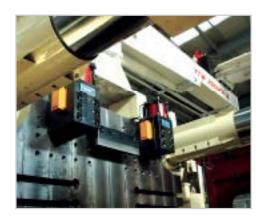
How to Change a Mold



< Using a Cart >



< Using a Hoist >

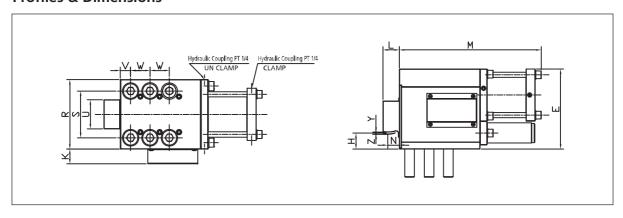


- Mainly used in a heavy and large injection molding machine.
 A high clamping force is safely maintained even if there is no hydraulic pressure.
- The lever is stuck out of the clamp body in clamping, and retracted into the clamp body in unclamping.
- A mold shall be standardized.
- Use a hoist or cart to change a mold.

Specifications

Item	Туре	TK16	TK24	TK40	
Clamping Force (ton)	(Hydraulic 140kg/cm³)	5 TON	8 TON	14 TON	
Retention Force (ton)	(Hydraulic 140kg/cm³)	15 ton (max. 20 ton)	25 ton (max. 31 ton)	40 ton (max. 50 ton)	
Neterition Force (tori)	(Hydraulic 0kg/cm³)	2 TON	3 TON	5 TON	
Forward Stroke (mm)		4.5	4.5	5.5	
Clamp Stroke (mm)		2	2	2.5	
Safe Stroke (mm)		2.5 2.5		3	
Required Flow Rate (ml)		284	460	859	

Profiles & Dimensions



Item Type	Е	L	М	N	R	S	U	V	W	K	Х	Υ	Z	Н
TK16	H+140	30	300	20	145	65	98	22	39	5	M20	2	2.5	MIN40
TK25	H+170	30	355	20	175	76	118	27	49	47.5	M24	2	2.5	MIN50
TK40	H+200	33	420	25	215	90	145	32	60	53.5	M30	2.5	3	MIN50

^{*}Above specifications are subject to change without notice for further improvement in quality.

◆ For a Heavy & Large Injection Molding Machine

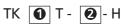
Injection Molding M/C	1000TON	2000TON	2500TON	
Clamp	TK16T	TK25T	TK40T	
Q'ty	8EA	8EA	8EA	

Auto Clamp TM Type



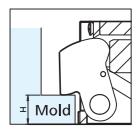
Designation



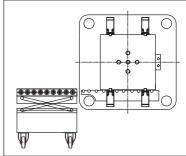


① Nomi	nal Clamping Force
1	1 tons
2.5	2.5 tons
4	4 tons
6	6 tons
10	10 tons
16	16 tons

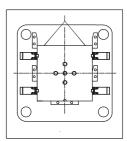
② Total Height in Clamping: H (mm)



How to Change a Mold



<Using a Cart>



<Using a Hoist>

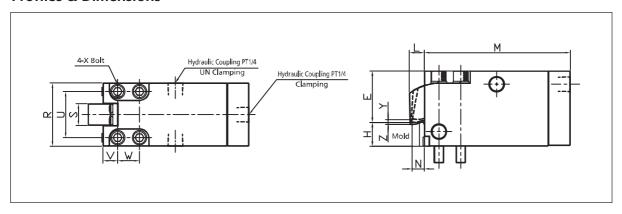
- A high clamping force is safely maintained even if there is no hydraulic pressure.
- Suitable for light and small injection molding machine
- A mold shall be standardized.
- Use a hoist or cart to change a mold.



Specifications

Item	Туре	TM1	TM2.5	TM4	TM6	TM10	TM16
Clampin	g Force (ton)	1	2.5	4	6.3	10	196
Retentio (Hydraul	n Force (ton) ic 0kg.cm²)	0.05	0.1	0.16	0.25	0.4	0.6
Forward	Stroke (mm)	3.5	4	4	4	4.5	4.5
Clamp S	troke (mm)	2	2	2	2	2	2
Safe Stro	oke (mm)	1.5	2	2	2	2.5	2.5
Unclamping Hydraulic (kg/cm²)		30	30	30	30	30	30
Flow	Clamping (cc)	15	41	92	163	298	520
Rate	Unclamping (cc)	6	11	28	48	87	143

Profiles & Dimensions



Item Type	Е	L	M	N	R	S	U	V	W	Υ	Z	Х	Н
TM 1	42	11	118	9	52	18	38	12	18	2	1.5	M8	MIN20
TM2.5	56	16	145	12	78	27	58	17	22	2	2	M10	MIN30
TM 4	76	19	177	14.5	88	35	68	20	26	2	2	M12	MIN30
TM 6	90	21	197	15	108	45	84	22	30	2	2	M14	MIN35
TM10	112	25	236	19	135	55	106	30	36	2	2.5	M18	MIN40
TM16	137	32	285	20	182	72	135	40	50	3	3	M24	MIN40

^{*} Above specifications are subject to change without notice for further improvement in quality.

For a Light & Small Injection Molding Machine

Injection Molding M/C	100TON	150TON	250TON	350TON	550TON	850TON
Clamp	TM1T	TM2.5T	TM4T	TM6T	TM10T	TM16T
Q'ty	8EA	8EA	8EA	8EA	8EA	8EA

Auto Clamp GS Type



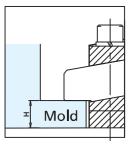
Designation



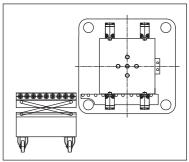


① Nom	① Nominal Clamping Force					
4	4 tons					
6	6 tons					
10	10 tons					

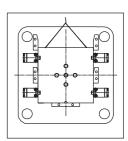
② Mold Height : H (mm)



How to Change a Mold



<Using a Cart>

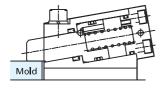


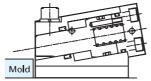
<Using a Hoist>



- A high clamping force is safely maintained even if there is no hydraulic pressure.
- Suitable for medium and small injection molding machine
- A mold shall be standardized.
- Use a hoist or cart to change a mold.

Structure

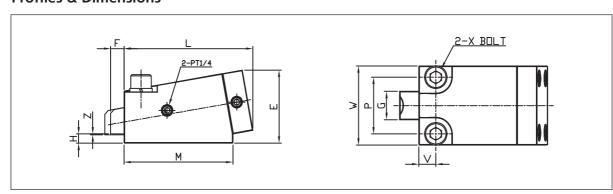




Specifications

Item Type	GS4	GS6	GS10
Clamping Force (ton)	4	6	10
Retention Force (ton) (Hydraulic Okg/cm²)	0.2	0.25	0.3
Forward Stroke (mm)	4	4.8	5.6
Clamp Stroke (mm)	2.7	.9	3.5
Safe Stroke (mm)	1.3	1.9	2.4
Hydraulic Pressure in Unclamping (kg/cm²)	30	30	30

Profiles & Dimensions



Item Type	Е	L	G	Н	L	М	Р	V	W	Х	Z
GS 4	100	15	40	30	149	129	62	22	90	16	2.7
GS 6	130	16	50	35	172	148	76	25	110	20	2.9
GS10	160	17	60	40	200	167	90	28	130	22	3.5

^{*} Above specifications are subject to change without notice for further improvement in quality.

◆ For a Medium & Small Injection Molding Machine

Injection Molding M/C	Injection Molding M/C 150TON		450-550TON
Clamp	GS4T	GS6T	GS10T
Q'ty	8EA	8EA	8EA

Auto Clamp LYS Type

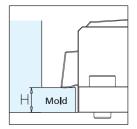


Designation

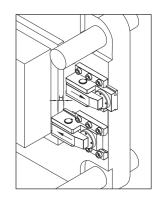
LYS **1** T - **2** - H

① Nominal Clamping Force					
4	4 tons				
6	6 tons				
10	10 tons				

② Mold Height : H (mm)



Bolting



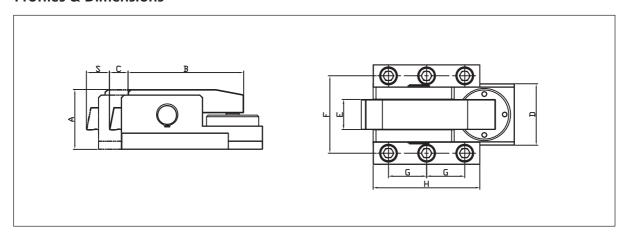


- Mainly used for a non-standard mold in the injection molding machine without T-groove.
- A guide block allows the clamp moving forward/backward for an easy operation.
- Like LY type, the pressure is primarily increased by the cylinder, and secondarily by the lever.
- Durable and safe

Specifications

Item Type	LYS 4	LYS 6	LYS 10				
Internal Pressure (kgf/cm²)	275						
Maximum Operating Pressure (kgf/cm²)	185						
Commercial Clamping Force (ton)	4 6 10						
Stroke (mm)	5	7	8				
Required Flow Rate (ml)	14	28	65				
Operating Temperature (°C)	-5~60°C						
ST	80	120					
Oil	Common Hydraulic Oil (ISO VG 32-56)						

Profiles & Dimensions



Item Type	А	В	С	D	Е	F	G	Н	S
LYS 4	105	188	21	75	40	100	40	115	75
LYS 6	110	245	22	96	50	125	55	145	100
LYS10	140	288	29	113	55	150	70	190	100

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• For a Medium Injection Molding Machine

Injection Molding M/C	250TON	250TON 350TON		
Clamp LYS4T		LYS6T	LYS10T	
Q'ty 8EA		8EA	8EA	

Auto Clamp AFSY Type



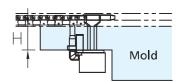
Designation

AF 10 20 T - 13 - 20 S

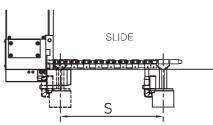
① MODEL
LY
SY

② Nomii	nal Clamping Force
4	4 tons
6	6 tons
10	10 tons

③ Mold Height : H (mm)







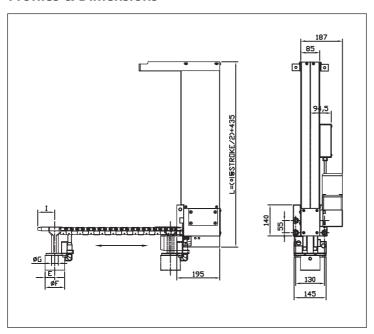


- AFSY type auto clamp is a semi-auto SY clamp attached with a chain, an air cylinder and a small motor, which allows automatic forward and backward movements. No operator is needed to operate this movable slide clamp.
- A compact design that introduces a hydraulic hose and a proximity switch cable built into a chain to eliminate the interference of a feed bar from a transfer line.
- A slide roller chain in a movable part prevents the damage by the vibration of press.
- Mainly used in a large press to clamp a mold in place regardless of the mold size.

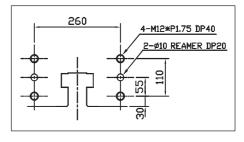
Specifications

	Small-Sized Motor Driven System							
Item Type	AFSY 4	AFSY 6	AFSY 10					
Internal Pressure (kgf/cm²)		275						
Maximum Operating Pressure (kgf/cm²)	185							
Commercial Clamping Force (ton)	4.2	6.0	10.5					
Unclamping (Kgf/cm²)	3.7	3.7	3.9					
Required Flow Rate (ml)	19.9	29.4	49.6					
Operating Temperature (°C)	-5~60℃							
Oil		Common Hydraulic Oil (ISO VG 32-56)						

Profiles & Dimensions



Bolt Hole



	Type tem	E	ØF	ØG	I	J	К	0	Р	Q
	AFSY 4	42	73	25	30	30	100	38	103	38
	AFSY 6	49	88	30	32	30	100	45	118	45
ľ	AFSY 10	59	108	40	40	40	105	55	138	55

^{*} Above specifications are subject to change without notice for further improvement in quality.





- A hydraulic driven rod swing
- A compact design that introduces a special CAM for
- The swing angle is adjustable by an angle control device at 15 degrees
- Hydraulic driven cylinder allows a wide range of tolerance in the mold
- A CAM is activated in the stroke of a hydraulic cylinder to swing a clamp rod. A Hydraulic cylinder with minimum output reduces the unclamping time and protects a swing CAM.

• Please refer to the TN type.

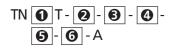
Item Type	NSY 2	NSY 4	NSY 6	NSY10	NSY16		
Commercial Clamping Force (ton)	2	4	6	10	16		
Clamp Rod Internal Force (ton)	4	6	10	15	22		
Clamp Stroke	4	5	5	6	6		
Safety Stroke	2.5	2.5	2.5	3	3		
Internal Pressure (kgf/cm²)	275						
Maximum Operating Pressure (kgf/cm²)	185						
Operating Temperature (°C)	-5~60°C						
Oil	C	Common Hydraulic Oil (ISO VG 32~56)					

Auto Clamp TN Type

Features

- An air driven rod swing system
- A CAM increases the cylinder output to enhance the tensile and retention forces of a clamp rod. TB-N type has a built-in spring in an air cylinder to tightly clamp a mold even if the air supply is stopped while the press in pause.
- An interlock circuit is equipped with a limit switch that verifies the clamping/unclamping.
- Each part allows an easy maintenance.

Designation



① Nominal Clamping Force				
4 4 tons				
6	6 tons			
10 10 tons				

② Built-	② Built-In Spring					
Т	No					
S	Yes					

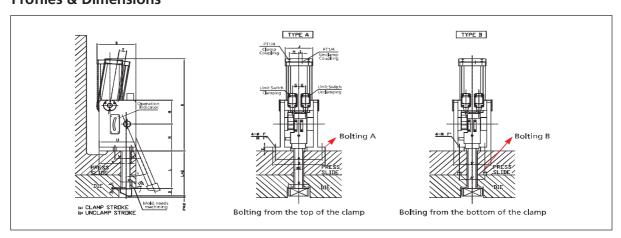
③ Bolt Hole				
No Symbol DRILL				
Т	TAP			



Designation

Item Type		TN 4T (SPRING NO)	TN 4S (SPRING YES)	TN 6T (SPRING NO)	TN 6S (SPRING YES)	TN 10T (SPRING NO)	TN 10S (SPRING YES)
Mold Tensile Force	Pressure 5kg / cm ²	1.4 ton	2.0 ton	2.2 ton	3.1 ton	3.5 ton	5.0 ton
Mold Retention	Pressure 5kg / cm ²	2.9 ton	4 ton	5 ton	7 ton	8 ton	11 ton
Force			1.5 ton (Spring Force)		2 ton (Spring Force)		3 ton (Spring Force)
Clamp Rod Internal Force		6 ton		5 ton		15 ton	
Clamp	Stroke	3 mm		3 mm		3,5 mm	
Continue America	Standard	Ø : 0° ~ 20°		Ø : 0° ~ 20°		Ø : 0° ~ 20°	
Swing Angle	Quasi-Standard	Ø : 20° ~ 50° (TR-R Only)		Ø : 20° ~ 50° (TR-R Only)		Ø : 20° ~ 50° (TR-R Only)	
Rated		5kg / cm ²		5kg / cm ²		5kg / cm ²	
Air Pressure	Maximum	7kg/cm ²		7kg / cm ²		7kg / cm ²	
Operating Temperature		-10 ~ 70°C		-10 ~ 70°C		-10 ~ 70°C	

Profiles & Dimensions



Type Item	a	b	А	A	В	B′	С	D	Е	F	Р	G	Н	1	J	K	L	M	N	0	Р	Q	R	S	Т	U	V	W	Х	Υ	Z
TN 4	ω	0.5	130	80	150	110	ø22	ø50	15	ø11	M10	/	30.5	/	80	20	ISU	90	82	25	5 over	L+ 25	290 353	126	25	110	/	20	20	76	34
TN 6	3	1	160	105	180	145	ø28	ø60	16	ø11	M10	26	39	7	96	15~ 25	er Defi	105	30	30	5 over	L+ 30	343 425	148	29	135	9	40	25	90	45
TN 10	3.5	1	200	110	225	178	ø34	ø75	20	ø14	M12	27.5	47	18	118	20~ 35	ned	135	40	40	5 over	L+ 40	412 465	171	31	158	19	50	20	115	43

^{*}Above specifications are subject to change without notice for further improvement in quality.



Die Lifter

Designation

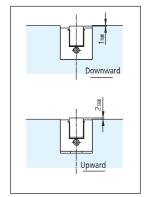
DL 50 🕡 - 🕡 L

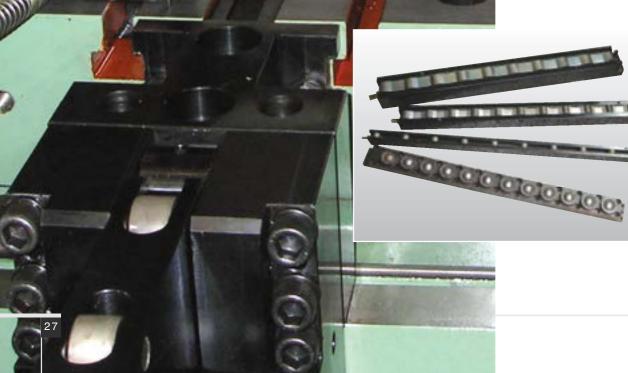


① Rolling	System
Roller	R
Ball	В

② Total Length of Die Lifter: L (mm)							
300~3400							
Please see the table for the dimension.							

Operation

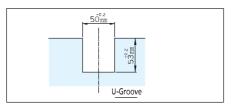




DL50 Type



Bolster U-Groove

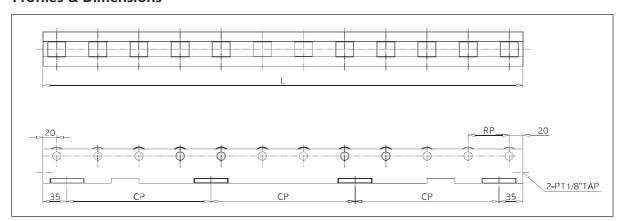


Features

- A mold can move on a roller by the force less than 1/100 of the mold load.
- The scrap protection cover is attached around a roller.
- The protection bushing with a specially treated surface protects the bearing in a roller.
- An integral bar has a remarkable durability, and allows an easy maintenance.
- A hydraulic cylinder moves upward by hydraulic, and downward by self-weight.
- A roller attached to a bar rises about 2mm fom the surface of a bolster, and a mold moves upward as shown in Fig. on the previous page. **Specifications**

CYLINDER								
Internal Pressure (kgf/cm²)	275							
Maximum Operating Pressure (kgf/cm²)	185							
Operating Temperature (°C)	-5~60°C							
Oil	Common Hydraulic Oil(ISO VG 32~56)							

Profiles & Dimensions



DIE LIFTER 50 TYPE SPECIFICATION										
L (mm)	NUMBER OF CYLINDER 'A'	NUMBER OF ROLLER 'B'	CAPACITY AT 185kgf/cmi							
300	2	5	940kg							
400	2	7	940kg							
500	3	8	1410kg							
600	3	10	1410kg							
700	4	12	1880kg							
800	4	13	1880kg							
900	5	15	2350kg							
1000	5	17	2350kg							
1100	6	18	2820kg							
1200	6	20	2820kg							
1300	7	22	3290kg							

^{*}CYLINDER PITCH 'CP'=L-(35*2)/A-1 *ROLLER PITCH 'RP'=L-(20*2)/B-1

^{1.}allowable load of roller: 1000kg/1ea

^{2.}for a die lifter with 'L' greater than 1400, combine2~3 die lifters.

^{*} For a die lifter with L greater than 1800, combine 2 die lifters with 1/2 L by 200 mm (Specifications are as follows).

Auto Clamp & Other Product











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