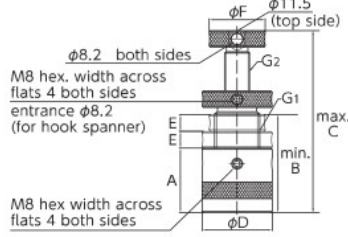




FS130LS

- Material : S45C
- Heat treatment : Quenched 35~47HRC
- Finish : Black finish



▶ Example of use



FS-LS

■ SCREW SUPPORT, Long Stroke Type (a Pair) PAT.

MOVIE ▶



▶ Features

- Ideal for supporting heavy workpieces, adjusting clamp height and for preventing chattering during cutting operation.
- A middle screw has been added to create a long stroke (1.5 to 2 times longer than our conventional models).
- With conventional items, when the male screw is turned while there is a workpiece supported, scratches to the workpiece or misalignment could occur. But this item innovative design solves this problem with the use of a middle male screw.
- As the upper and lower screws have same direction with different pitch, middle male screw adjustment can be fine-tuned with light force.
- The lock screw (with lock piece) that locks the forcing screw helps avoiding screw loosening.
- For corrugated surfaces or irregular shaped workpiece, use screw support tips.

▶ Accessories

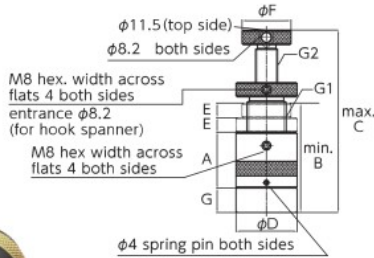
- Hex key wrench, 1 pc (size 4mm)

Item No.	Size (mm)							Allowable load (kN)	Pin wrench for upper screw	Pin wrench for middle / main body	N.W. (kg) (a pair)
	A	Stroke B~C	D	E	F	G1	G2				
FS80LS	26	50~80	50	12	40	Tr32×3	Tr18×2	80	PW406	PW508	1.2
FS130LS	46	70~130	50	12	40	Tr32×3	Tr18×2	80	PW406	PW508	1.6
FS200LS	68	100~200	60	16	50	Tr40×4	Tr25×3	150	PW508	HW105A	3.6
FS300LS	108	140~300	60	16	50	Tr40×4	Tr25×3	150	PW508	HW105A	5.0



MSS150LS

- Material : S45C
- Heat treatment : Quenched 35~47HRC
- Finish : Black finish



▶ Example of use



MSS-LS

■ MAGNETIC SCREW SUPPORT, Long Stroke Type (a Pair) PAT.

MOVIE ▶



▶ Features

- Ideal for supporting heavy workpieces, adjusting clamp height and for preventing chattering during cutting operation.
- A middle screw has been added to create a long stroke (1.5 to 2 times longer than our conventional models).
- With conventional items, when the male screw is turned while there is a workpiece supported, scratches to the workpiece or misalignment could occur. But this item innovative design solves this problem with the use of a middle male screw.
- As the upper and lower screws have same direction with different pitch, middle male screw adjustment can be fine-tuned with light force.
- The lock screw (with lock piece) that locks the forcing screw helps avoiding screw loosening.
- For corrugated surfaces or irregular shaped workpiece, use screw support tips.
- The magnet built-in at the bottom of the body makes it possible to use the screw support not only horizontally but also vertically.

▶ Accessories

- Hex key wrench, 1 pc (size 4mm)

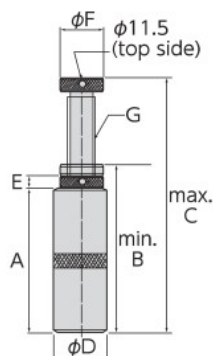
Item No.	Size (mm)							Allowable load (kN)	Pin wrench for upper screw	Pin wrench for middle / main body	N.W. (kg) (a pair)
	A	Stroke B~C	D	E	F	G1 (30° trapezoidal thread)	G2 (30° trapezoidal thread)				
MSS90LS	26	60~90	50	12	40	10	Tr32×3	80	PW406	PW508	1.32
MSS150LS	46	90~150								20	Tr18×2
MSS220LS	68	120~220	60	16	50	20	Tr40×4	150	PW508	HW105A	3.94
MSS310LS	108	150~310								10	Tr25×3



FS100S

- Material : S45C
- Heat treatment : Quenched 35~47HRC
- Finish : Black finish

▶ Example of use



FS-S

■ SCREW SUPPORT (a Pair)

▶ Feature

- For corrugated surfaces or irregular shaped workpiece, use screw support tips.

Item No.	Size (mm)						Allowable load (kN)	Applicable pin wrench	N.W. (kg) (a pair)
	A	Stroke B~C	D	E	F	G			
FS50S	21	37~50	40	8	35	Tr20×3	80	PW355	0.56
FS70S	32	50~70	40	9	35	Tr20×3	80	PW355	0.78
FS100S	46	70~100	45	12	40	Tr20×3	80	PW406	1.47
FS150S	76	100~150	50	12	45	Tr25×4	150	PW457	2.65
FS250S	120	150~250	60	15	50	Tr32×5	200	PW508	5.64
FS300S	170	200~300	60	15	50	Tr32×5	200	PW508	7.17