

FIVE-AXIS ADJUSTABLE SELF-CENTERING VISE

4

FIVE-AXIS ADJUSTABLE SELF-CENTERING VISE / ASC-S SERIES

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



ASGS Series

STANDARD ACCESSORIES:

- 4 pcs of Clamp
- 1 pc of Wrench



<p>Users can calibrate the clamping center of vise by adjusting the screws on both ends.</p>	<p>Detachable jaws are made of High quality Tool Steel (SCM440) and gone through carburizing to achieve HRC55. Since both sides are fixed size and able to be used as a datum, users can reverse them to increase clamping range.</p>	<p>The vise's clamping force can achieve 1300KG, the repeatability positioning precision of its clamping center is within ±0.02mm.</p>	<p>The 45° dovetail structure with teeth on the upper jaw ensures the bottom of the workpiece to be firmly clamped.</p>	<p>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.</p>
<p>1</p>	<p>2</p>	<p>3</p>	<p>4</p>	<p>5</p>



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

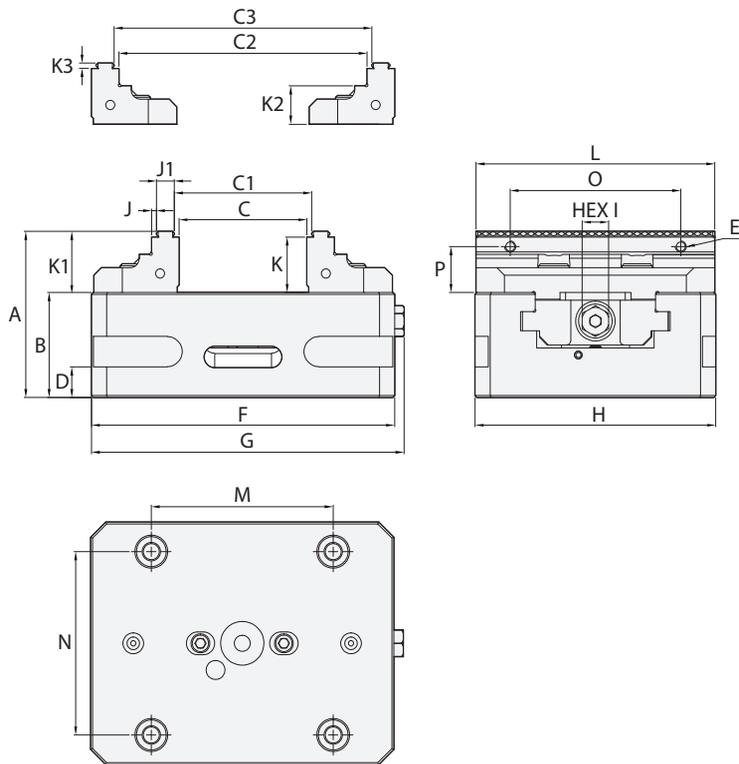
Weight (kg) 15



ASC-127x360S

Size 365x127x87 mm

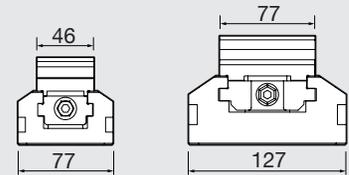
Weight (kg) 17



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, Hardness: HRC 50/ Detachable Jaws SCM440, Hardness: HRC 55)

Unit: mm

Model	A	B	C	C1	C2	C3	D	E	F	G	H	I	J	J1
ASC-77X102S	70	43	28	32	75	80	10	M6	102	107	77	12	2	9.5
ASC-77X130S	70	43	56	60	103	108	-	M6	130	135	77	12	2	9.5
ASC-77X170S	70	43	96	100	143	148	10	M6	170	175	77	12	2	9.5
ASC-77X210S	70	43	136	140	183	188	10	M6	210	215	77	12	2	9.5
ASC-127x160S	87	55	70	75	131	136	16	M6	160	165	127	14	2.5	9.5
ASC-127x210S	87	55	120	125	181	186	16	M6	210	215	127	14	2.5	9.5
ASC-127x260S	87	55	170	175	231	236	16	M6	260	265	127	14	2.5	9.5
ASC-127X310S	87	55	220	225	281	286	16	M6	310	315	127	14	2.5	9.5
ASC-127X360S	87	55	270	275	331	336	16	M6	360	365	127	14	2.5	9.5

Model	K	K1	K2	K3	L	M	N	O	P	Pull Stud	Weight (kg)
ASC-77X102S	24	27	18	3	77	52	52	42	15	M-52x52PS	2.8
ASC-77X130S	24	27	18	3	77	52	52	42	15	M-52x52PS	3.5
ASC-77X170S	24	27	18	3	77	52	52	42	15	M-52x52PS	4.2
ASC-77X210S	24	27	18	3	77	52	52	42	15	M-52x52PS	4.9
ASC-127x160S	29	32	20	3	126	96	96	90	24	M-96x96PS	9
ASC-127x210S	29	32	20	3	126	96	96	90	24	M-96x96PS	11
ASC-127x260S	29	32	20	3	126	96	96	90	24	M-96x96PS	13
ASC-127X310S	29	32	20	3	126	96	96	90	24	M-96x96PS	15
ASC-127X360S	29	32	20	3	126	96	96	90	24	M-96x96PS	17

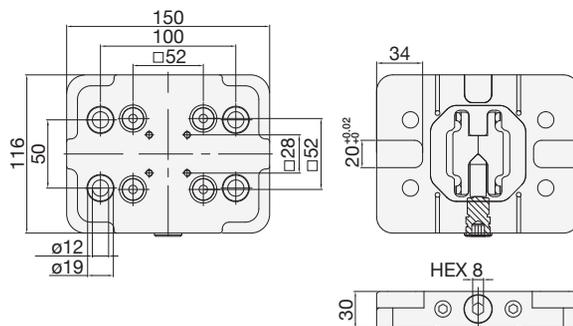
Optional Accessories

Please refer to Page 22~53 Zero Point Quick Change Devices

Rectangular Plate

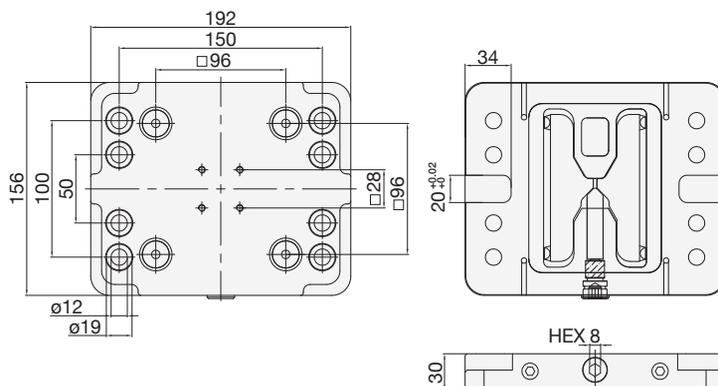
Model: M-52x52 (8001G)

- Size: 150x116x30 mm
- Pull Stud: M-52x52PS
- Weight: 3.2 kg
- Suitable for
ASC-77x102S
ASC-77x130S
ASC-77x170S
ASC-77x210S



Model: M-96x96 (8051G)

- Size: 192x156x30 mm
- Pull Stud: M-96x96PS
- Weight: 6.4 kg
- Suitable for
ASC-127x160S
ASC-127x210S
ASC-127x260S
ASC-127x310S
ASC-127x360S



Master Gauging Pallet

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

Model: M-52x52 (8010)

- Size: 80x80x27 mm
- Pull Stud: M-52x52PS
- Weight: 1.1 kg



Model: M-96x96 (8058)

- Size: 126x126x27 mm
- Pull Stud: M-96x96PS
- Weight: 2.6 kg



Pull Studs

Can be adapted 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

