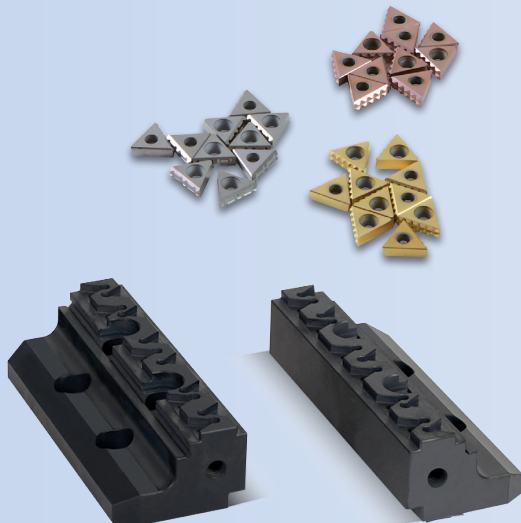




Self-centering vise



SinterGrip jaws:
Reversible jaws for minimum
clamping depth and without
pre-machining

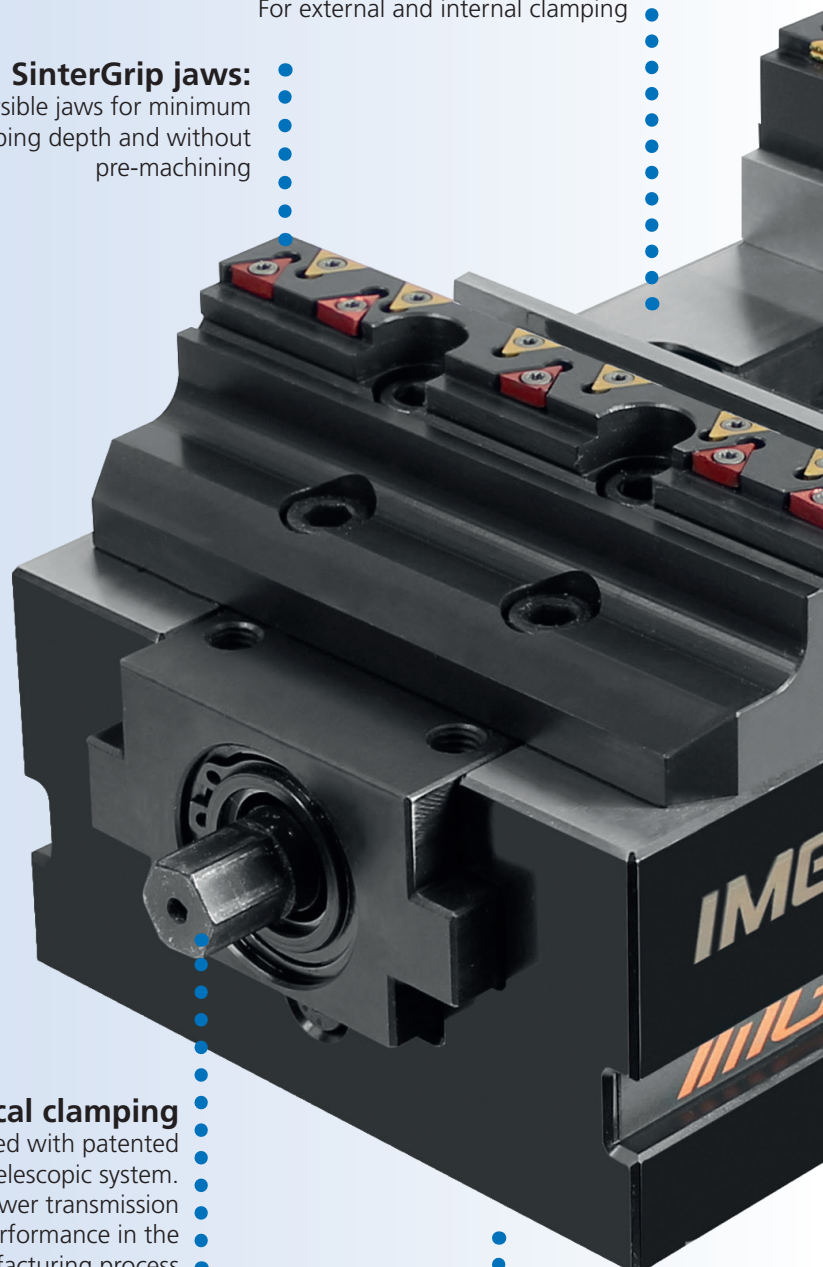
Wide clamping range
Maximum flexibility
For external and internal clamping



Find out more

Mechanical clamping
Totally protected with patented
telescopic system.
The large power transmission
allows high performance in the
manufacturing process

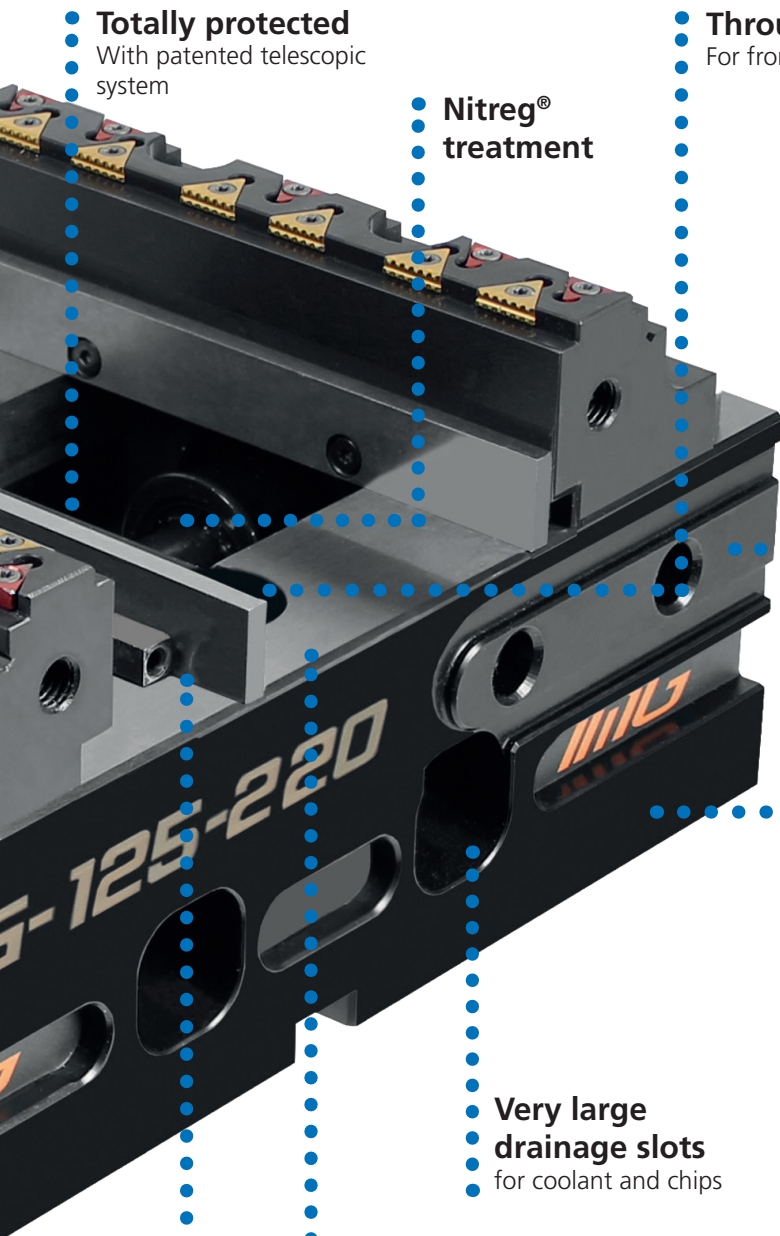
Interface
For Zero Point clamping
systems and mounting
holes as standard



► from SMW-AUTOBLOK

Double Clamping | Fixed

1



- **Totally protected**
With patented telescopic system

- **Nitreg® treatment**

- **Through holes**
For frontal clamping

- **Ideal**
For automation and palletizing systems

- **Flexible mounting**
on machine tool pallet using clamps (optional)

Double clamping jaw
(for double clamping)



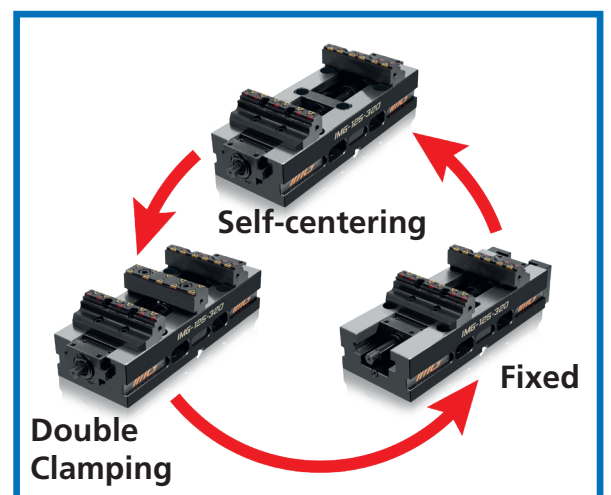
Retainer plate
(for fixed clamping)



- **Very large drainage slots**
for coolant and chips

- **Treated and precision ground guides**
for maximum accuracy and repeatability

- **Parallels**
with quick change Clak System



■ Patented protected screw

Applications / Customer Benefits

- Highly precise self-centering clamping with maximum repeatability
- Totally protected
- Compact design for better accessibility and very large drainage slots
- Jaws with SinterGrip clamping inserts for minimum workpiece clamping depth without pre-machining
- Type **IMG BASIC** with jaws without SinterGrip inserts
Werkzeugwechsel pro Werkstück
- Wide clamping range
- Ideal for OP 10 and OP 20

Technical features

- Self-centering clamping
- Clamping force up to 32 kN (50 Nm)
- Jaw width 87,5 mm
- Interface for zero point systems APS / WPS and Lang 52 - 96 mm as standard

Standard equipment

Wrench, jaws, Sintergrip inserts



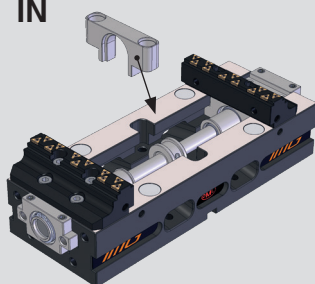
Modular system

The IMG self-centering vises can be easily transformed into fixed vises or double clamping vises.

Self-centering



IN

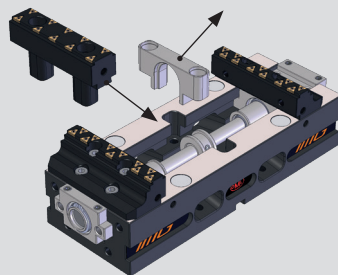


Double Clamping



OUT

IN

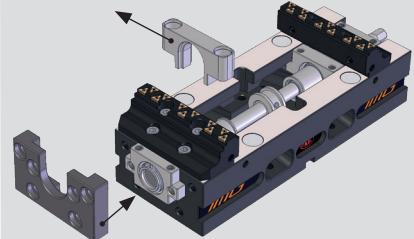


Fixed

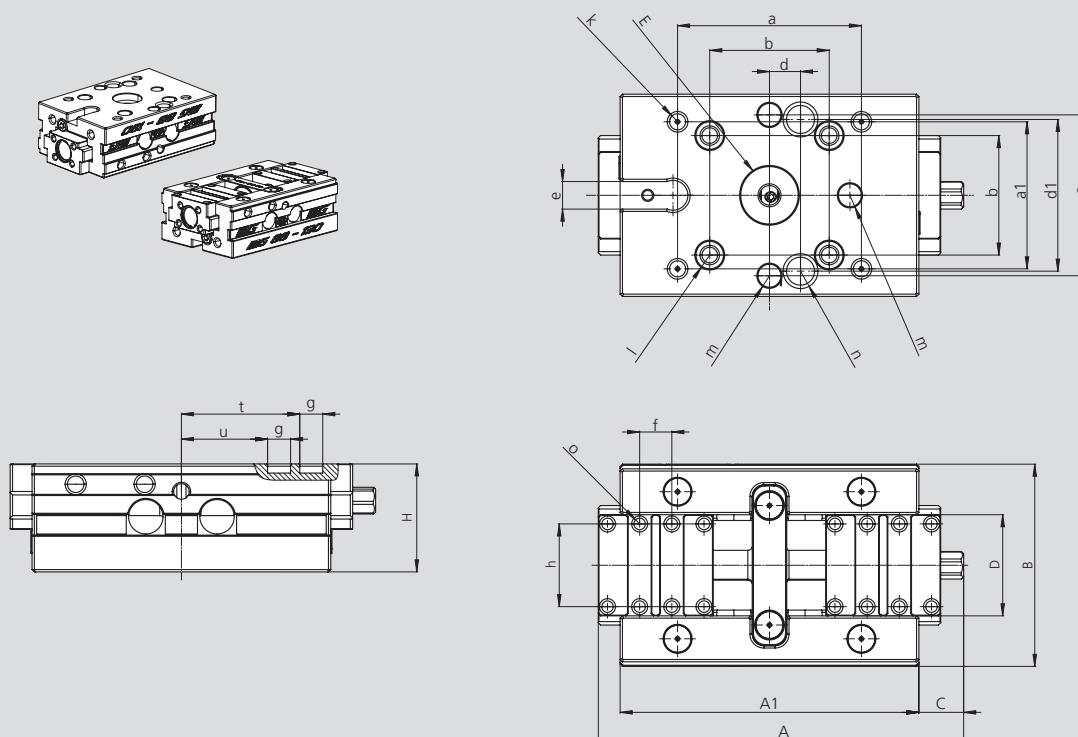


OUT

IN

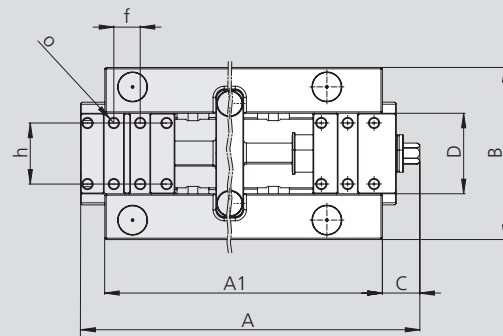
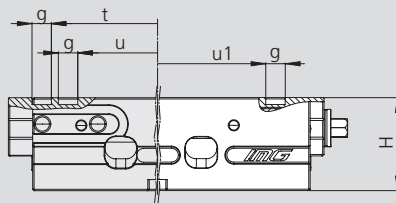
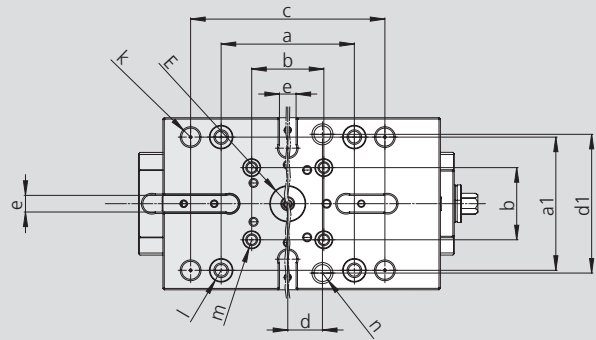
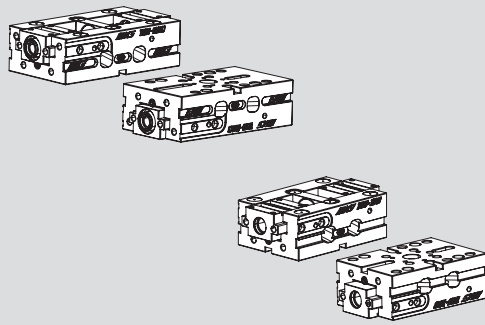


■ Patented protected screw



Subject to technical changes. For more detailed information please ask our customer service.

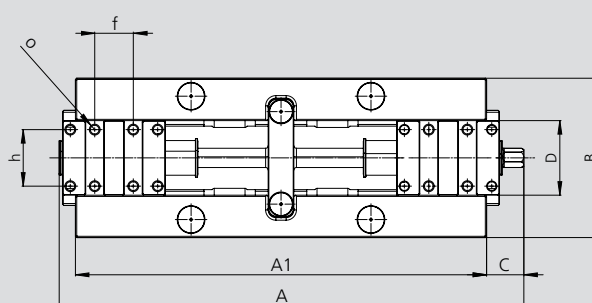
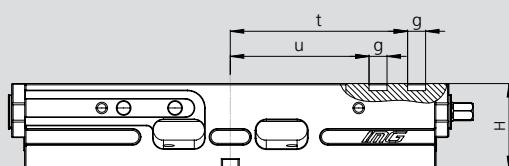
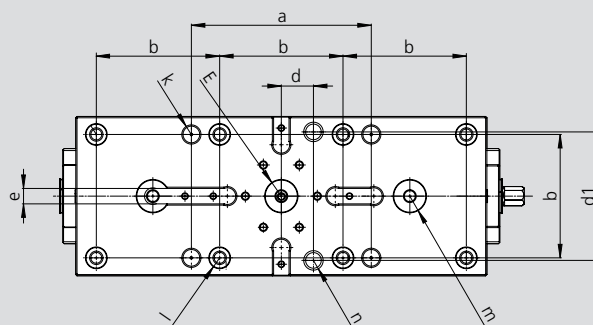
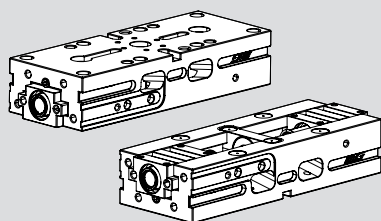
SMW-AUTOBLOK Type IMG 88 Id. No.			88-130 77583401
Overall length	A	mm	159
Base length	A1	mm	130
Width	B	mm	88
	C	mm	19.5
Base jaw width	D	mm	44
Fitting / depth / center thread	E	mm	25 H7 / 6.4 / M10
	H	mm	47
	a	mm	80
	a1	mm	64
	b	mm	52
	c	mm	70
	d	mm	13.5
	d1	mm	66
Slot width	e	mm	12 H7
	f	mm	14
	g	mm	10
	h	mm	36
	k	mm	7
	l	mm	12 H7
	m	mm	10 H7
	n	mm	12.2
Thread	o	mm	M6
Max. / min.	t	mm	51.5 / 35
Max. / min.	u	mm	37.5 / 21
Max. Clamping force of all clamping points		kN	32
At max. torque (Md) / hexagonal		Nm	50 / 11
Stroke per jaw		mm	16.5
Weight (without jaws)		kg	3.5



Subject to technical changes. For more detailed information please ask our customer service.

SMW-AUTOBLOK Type IMG 125 Id. No.			125-180 77583503	125-220 77583501
Overall length	A	mm	225	260
Base length	A1	mm	180	220
Width	B	mm	124	124
	C	mm	27.5	27
Base jaw width	D	mm	58	58
Fitting / depth / center thread	E	mm	25 H7 / 6.4 / M10	25 H7 / 6.4 / M10
	H	mm	67	67
	a	mm	96	96
	a1	mm	96	96
	b	mm	52	52
	c	mm	140	140
	d	mm	25	25
	d1	mm	100	100
Slot width	e	mm	12 H7	12 H7
	f	mm	19	19
	g	mm	14	14
	h	mm	44	44
	k	mm	13	13
	l	mm	16 H7	16 H7
Slot width	m	mm	12 H7	12 H7
	n	mm	12.2	12.2
Thread	o	mm	M8	M8
Max. / min.	t	mm	76.5 / 47	-
Max. / min.	u	mm	57.5 / 28	-
Max. / min.	u1	mm	-	78 / 28.5
Max. Clamping force of all clamping points	kN		40	40
At max. torque (Md) / hexagonal	Nm		80 / 13	80 / 13
Stroke per jaw	mm		29.5	49.5
Weight (without jaws)	kg		10	13

■ Patented protected screw



Subject to technical changes. For more detailed information please ask our customer service.

SMW-AUTOBLOK Type IMG 125 Id. No.			125-320 77583502
Overall length	A	mm	359
Base length	A1	mm	320
Width	B	mm	124
	C	mm	29
Base jaw width	D	mm	58
Fitting / depth / center thread	E	mm	25H7 / 6.4 / M10
	H	mm	67
	a	mm	140
	a1	mm	-
	b	mm	96
	c	mm	-
	d	mm	25
	d1	mm	100
Slot width	e	mm	12 H7
	f	mm	30
	g	mm	14
	h	mm	44
	k	mm	13
	l	mm	16 H7
	m	mm	25 H7
	n	mm	12.2
Thread	o	mm	M8
Max. / min.	t	mm	137.5 / 58
Max. / min.	u	mm	107.5 / 28
Max. Clamping force of all clamping points		kN	40
At max. torque (Md) / hexagonal		Nm	80 / 13
Stroke per jaw		mm	79.5
Weight (without jaws)		kg	18

IMG 88 / 125

Self-centering vise | Double Clamping | Fixed

■ Ordering review

Type	Id. No.	Weight
IMG 88 - 130 with SinterGrip jaws STD	77583411	4,5 Kg
IMG 88 - 130 with SinterGrip jaws ALU	77583412	4,5 Kg
IMG 88 - 130 with SinterGrip jaws HRC	77583413	4,5 Kg
IMG 88 - 130 Basic	77583414	4,5 Kg
IMG 88 - 130 body only	77583401	3,5 Kg

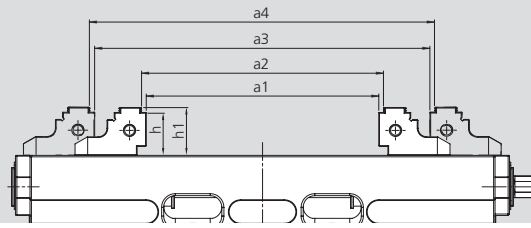
Type	Id. No.	Weight
IMG 125 - 180 with SinterGrip jaws STD	77583531	12 Kg
IMG 125 - 180 with SinterGrip jaws ALU	77583532	12 Kg
IMG 125 - 180 with SinterGrip jaws HRC	77583533	12 Kg
IMG 125 - 180 Basic	77583534	12 Kg
IMG 125 - 180 body only	77583503	10 Kg

Type	Id. No.	Weight
IMG 125 - 220 with SinterGrip jaws STD	77583511	15 Kg
IMG 125 - 220 with SinterGrip jaws ALU	77583512	15 Kg
IMG 125 - 220 with SinterGrip jaws HRC	77583513	15 Kg
IMG 125 - 220 Basic	77583514	15 Kg
IMG 125 - 220 body only	77583501	13 Kg

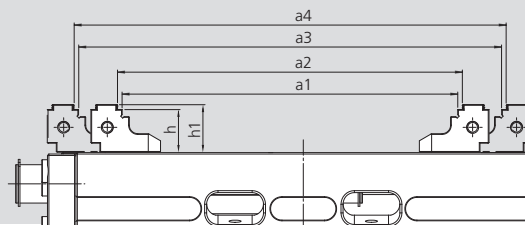
Type	Id. No.	Weight
IMG 125 - 320 with SinterGrip jaws STD	77583521	20 Kg
IMG 125 - 320 with SinterGrip jaws ALU	77583522	20 Kg
IMG 125 - 320 with SinterGrip jaws HRC	77583523	20 Kg
IMG 125 - 320 Basic	77583524	20 Kg
IMG 125 - 320 body only	77583502	18 Kg

■ clamping range

Clamping range: Self-centering and fixed

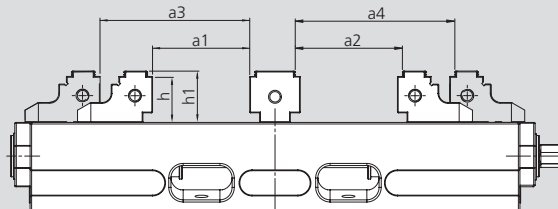


Type		088-130	125-180	125-220	125-320
Swing diameter	a	170	236	275	379
Inner position	a1	0-33	0-59	0-99	0-159
Inner position	a2	7-40	6.5-65.5	7-105	7-165
Outer position	a3	28-61	38-97	-	-
Outer position	a4	35-68	44.5-103	-	-
Support height	h	25	30	30	30
Jaw height	h1	28	33.5	33.5	33.5

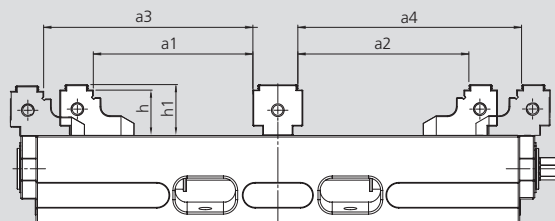


Type		088-130	125-180	125-220	125-320
Swing diameter	a	170	236	275	379
Inner position	a1	60-93	96-155	97-195	157-315
Inner position	a2	67-100	102.5-161.5	103-201	164-322
Outer position	a3	88-121	134-193	-	-
Outer position	a4	95-128	140.5-199	-	-
Support height	h	25	30	30	30
Jaw height	h1	28	33.5	33.5	33.5

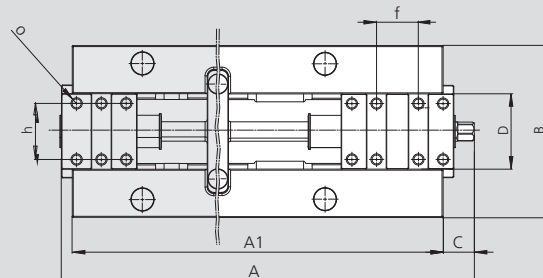
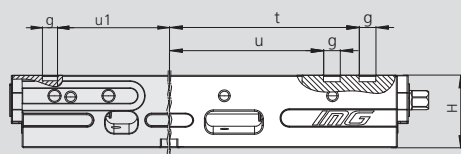
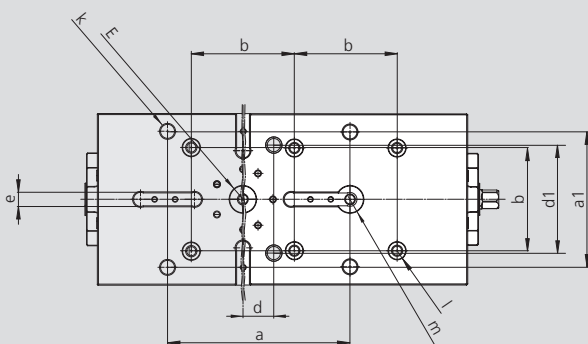
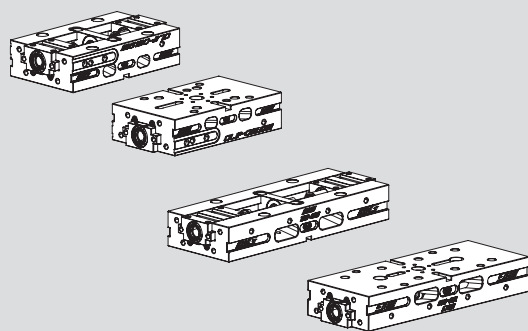
Clamping range: Double Clamping



Type		088-130	125-180	125-220	125-320
Swing diameter	a	170	236	275	379
Inner position	a1	0-2.5	0-13	0-33	0-63
Inner position	a2	7-9.5	6.5-19.5	7-39	7-69
Outer position	a3	0-16.5	3-32	-	-
Outer position	a4	7-23.5	9.5-38.5	-	-
Support height	h	25	30	30	30
Jaw height	h1	28	33.5	33.5	33.5



Type		088-130	125-180	125-220	125-320
Swing diameter	a	170	236	275	379
Inner position	a1	16-32.5	32-61	32-81	62-141
Inner position	a2	23-39.5	38.5-67.5	38-87	68.5-147
Outer position	a3	30-46.5	51-80	-	-
Outer position	a4	37-53.5	57.5-86.5	-	-
Support height	h	25	30	30	30
Jaw height	h1	28	33.5	33.5	33.5



Subject to technical changes. For more detailed information please ask our customer service.

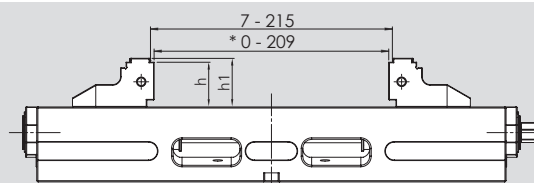
SMW-AUTOBLOK Type IMG 125			160-270	160-420
Id. No.			77583601	77583602
Overall length	A	mm	309	459
Base length	A1	mm	270	420
Width	B	mm	159	160
	C	mm	29	29
Base jaw width	D	mm	70	70
Fitting / depth / center thread	E	mm	25 H7 / 6.4 / M10	25 H7 / 6.4 / M10
	H	mm	67	67
	a	mm	140	200
	a1	mm	126	126
	b	mm	96	96
	c	mm	-	-
	d	mm	25	-
	d1	mm	100	-
Slot width	e	mm	12 H7	12 H7
	f	mm	-	39
	g	mm	18	18
	h	mm	52	52
	k	mm	13	13
	l	mm	16 H7	16 H7
	m	mm	-	25 H7
	n	mm	-	-
Thread	o	mm	M8	M8
Max. / min.	t	mm	-	177.5 / 73
Max. / min.	u	mm	-	139 / 34.5
Max. / min.	u1	mm	99 / 34.5	-
Max. Clamping force of all clamping points		kN	50	50
At max. torque (Md) / hexagonal		Nm	100 / 13	100 / 13
Stroke per jaw		mm	64.5	104.5
Weight (without jaws)		kg	17	27

- Ordering review
- Clamping range

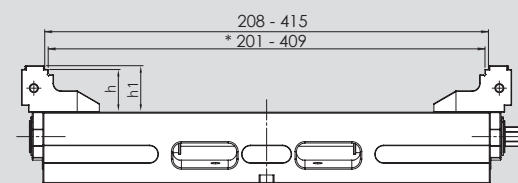
Type	Id. No.	Weight
IMG 160 - 270 with SinterGrip jaws STD	77583611	22 Kg
IMG 160 - 270 with SinterGrip jaws ALU	77583612	22 Kg
IMG 160 - 270 with SinterGrip jaws HRC	77583613	22 Kg
IMG 160 - 270 Basic	77583614	22 Kg
IMG 160 - 270 body only	77583601	17 Kg

Type	Id. No.	Weight
IMG 160 - 420 with SinterGrip jaws STD	77583621	32 Kg
IMG 160 - 420 with SinterGrip jaws ALU	77583622	32 Kg
IMG 160 - 420 with SinterGrip jaws HRC	77583623	32 Kg
IMG 160 - 420 Basic	77583624	32 Kg
IMG 160 - 420 body only	77583602	27 Kg

Clamping range: Self-centering and fixed

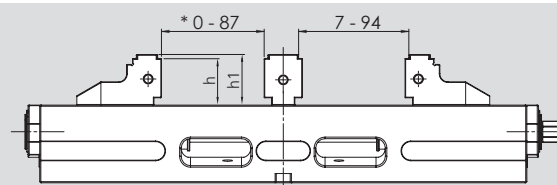


Type		160-270	160-420
Swing diameter	a	329	479
Inner position	a1	0-129	0-209
Inner position	a2	7-135	7-215
Support height	h	40	40
Jaw height	h1	43.5	43.5

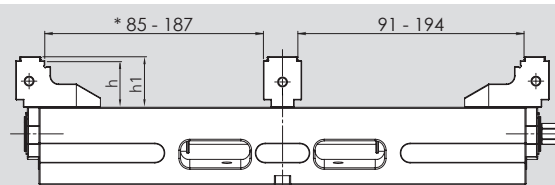


Type		160-270	160-420
Swing diameter	a	329	479
Inner position	a1	125-251	201-409
Inner position	a2	130-257	208-415
Support height	h	40	40
Jaw height	h1	43.5	43.5

Clamping range: Double Clamping



Type		160-270	160-420
Swing diameter	a	329	479
Inner position	a1	0-48	0-87
Inner position	a2	7-54	7-94
Support height	h	40	40
Jaw height	h1	43.5	43.5



Type		160-270	160-420
Swing diameter	a	329	479
Inner position	a1	48-108	85-187
Inner position	a2	54-115	91-194
Support height	h	40	40
Jaw height	h1	43.5	43.5