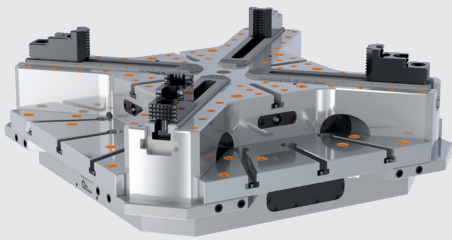


Centco4 *digit*-HLW

Hydraulic 4-jaw power chuck

INCH
SERRATION

■ Digitized by integrated sensor technology



proofline® series
fully sealed – low maintenance

Application/customer benefits

- Chuck with integrated sensoric technology
- Monitoring of different process parameters even during machining
- Non-contact power supply for sensors and signal output by means of inductive couplers
- Integrated hydraulic actuation with safety system

Technical data

- Clamping force 130 kN
- Max. Operating pressure 80 bar
- Jaw stroke 12 mm
- **proofline®** = fully sealed – low maintenance

Standard equipment

4-jaw chuck

Ordering example

4-jaw chuck
Centco4 *digit*-HLW

Centco4 *digit*-HLW

4 x IO-Link Interfaces

Safety features:

Integrated sensoric

- Pressure monitoring (optional Profinet Safe)
- Position monitoring
- End position monitoring

Mechanical interlock (optional)

4 x Air Sensing
(Air system control)

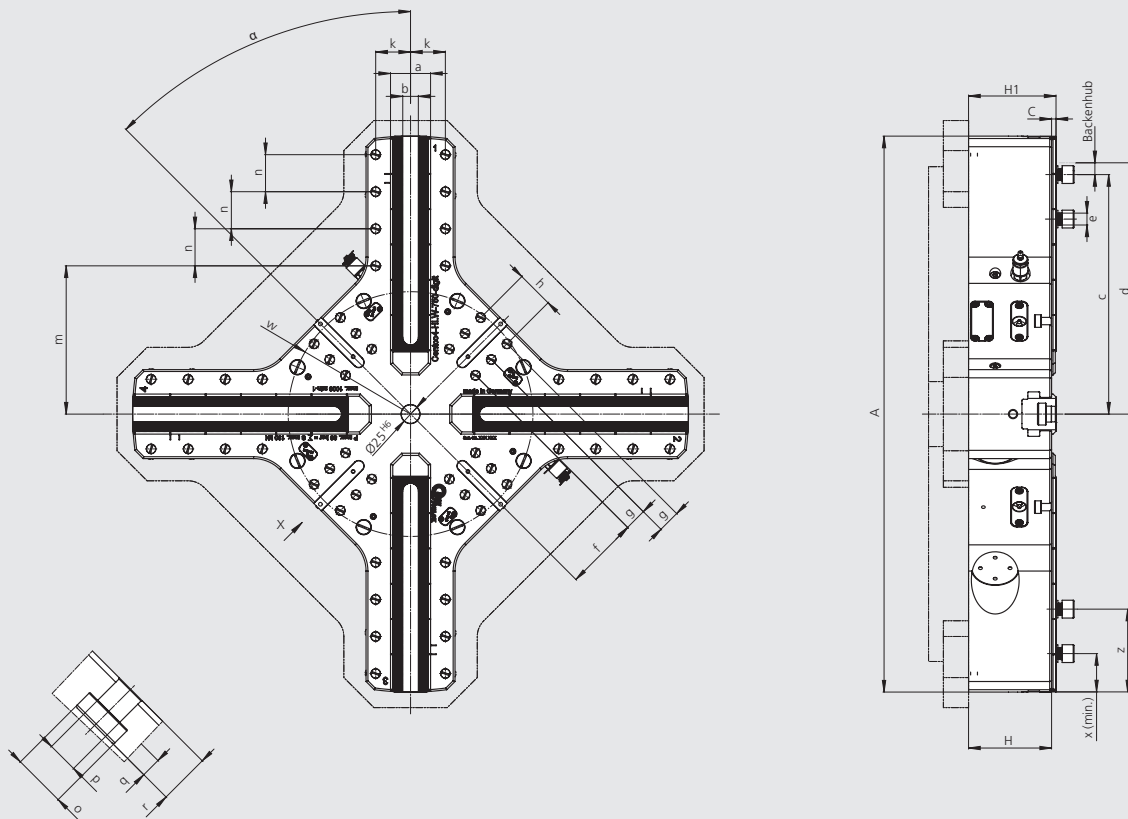
Integrated pressure accumulator
to maintain the clamping force

Machine pallet
customized

Weight optimized
chuck body

Low profile design
thanks to innovative
tangential piston technology

■ Dimension and technical data



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

SMW-AUTOBLOK Typ Centco4 digit-HLW			750-4
Id.-No.			On request
Outside diameter	A	mm	750
Base plate height	B	mm	
	C	mm	6
Chuck height	H	mm	112
	H1	mm	118
Jaw width	a	mm	54
Slot width	b	H8 mm	21
Jaw position min.	c	mm	363
Jaw position max.	d	mm	375
Bolt ISO4762-12.9	e	mm	M16
	f	mm	99
	g	mm	2 x 30
	h	mm	50
	k	mm	47
	m	mm	200
	n	mm	3 x 50
T-slot width	o	mm	24
T-slot width	p	mm	14
Height of width o	q	mm	9
Total depth T-slot	r	mm	23
	s/s'	mm	
	t/t'	mm	
	u/u'	mm	
	w	mm	330.2
Min.	x	mm	12.5
Min. / max.	z	mm	25 / 245
	α	deg.	45°
	β	deg.	
	γ	deg.	
Serration		inch	1/16" x 90°
Max. speed		min ⁻¹	1000
Max. total clamping force		kN	130
Stroke per jaw		mm	12
Compensation stroke per jaw		mm	10
Weight (without jaws)		kg	Customized
Moment of inertia		kg.m ²	Customized

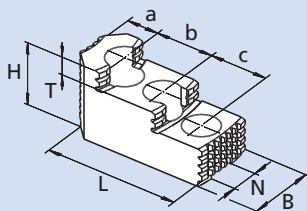
Centco4 digit-HLW

Accessories

INCH
SERRATION

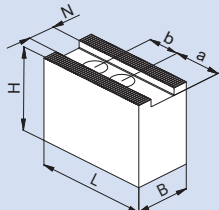
■ Jaws*

MHB-D (INCH SERRATION) Hard, reversible stepped Top jaws



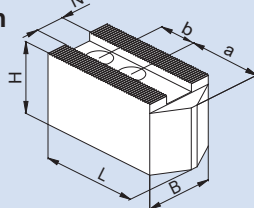
Centco4 digit-HLW	750-4
Jaw type	MHB-D 251
Id. No.	12083038
Serration	1/16" x 90°
B	45
H	56
L	106.2
T	13.5
N	21
a	26
b	30
c	30
kg / set	2.9

MWB-D (INCH SERRATION) Soft top jaws Tall version



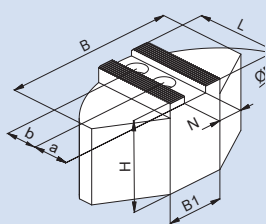
Centco4 digit-HLW	750-4
Jaw type	MWB-D 250
Id. No.	5319680
Serration	1/16" x 90°
B	50
H	80
L	120
N	21
a	62
b	28
kg / set	9.2

AWB-D (INCH SERRATION) Soft top jaws Low version



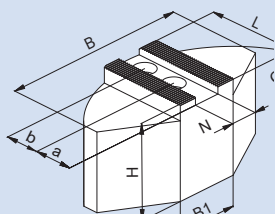
Centco4 digit-HLW	750-4
Jaw type	AWB-D 250
Id. No.	5319681
Serration	1/16" x 90°
B	50
H	50
L	120
N	21
a	70
b	28
kg / set	5.4

SBS-D (INCH SERRATION) Soft pie jaws



Centco4 digit-HLW	750-4
Jaw type	SBS-D 600/4
Id. No.	5322250
Serration	1/16" x 90°
B	330
B1	50
D	190
H	85
L	140
N	21
a	75
b	29
kg / set	56.3

SBA-D (INCH SERRATION) Soft pie jaws aluminum Light version

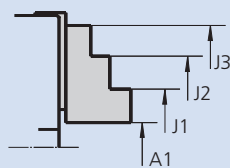
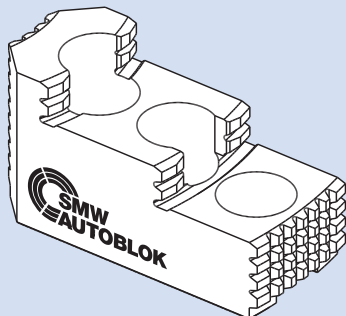


Centco4 digit-HLW	750-4
Jaw type	SBA-D 600/4
Id. No.	5322254
Serration	1/16" x 90°
B	330
B1	50
D	190
H	85
L	140
N	21
a	75
b	29
kg / set	20.1

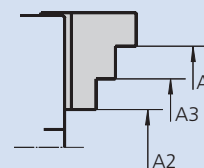
* SMW-AUTOBLOK is recommending not to clamp any diameters, that are larger than the chuck O.D. For more detailed information please ask our customer service.
SMW-AUTOBLOK Jaws-catalog Request or download: www.smw-autoblok.de

- Clamping ranges*
- Grease

MHB-D (INCH SERRATION)
Hard, reversible stepped
Top jaws



Clamping ranges



Centco4 digit-HLW	750-4
Jaw type	MHB-D200
Id. No.	12083038
A1	101-609
A2	-
A3	236-698.5
A4	321-750*
J1	155-662
J2	239-747.5
J3	311-750*

Note: min. 1 mm Residual jaw stroke
min. 1 mm Clamping stroke

* Not larger than chuck OD

**Important for maintenance and safe operation,
to be ordered with the chuck**

Grease K67

Special grease for
manual and power chucks



Cartridge 14 Oz. (DIN 1284)
Grease content 500g
Id. No. 10731223

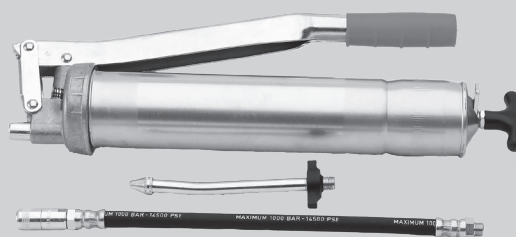


Can 1000 g
Id. No. 10731224

- High adhesion
- High resistance against coolant
- High load bearing capacity
- Low friction coefficient
- Avoids tribocorrosion

Grease gun

Grease gun (DIN 1283) for
cartridges 14 Oz. (DIN 1284)



Lubrication set Id. No. 083726

- Supply range
- Grease gun
 - 1 Adapter flexible for high pressure grease nipple
 - 1 Adapter for cone grease nipple