# Centco4

INCH SERRATION



### 4-jaw chuck

#### 2+2 Centrical Independent self centering clamping in 2 axis Centrifugal force compensation

### Application/customer benefits

- Independent self centering clamping in 2 axis via 1 central actuating mechanism
- Mechanical centering of the workpiece
- Clamping of every workpiece geometry possible
- Centrifugal force compensation for maximum speed
- Long lifetime due to hardened parts
- Large range of standard top jaws

### **Technical features**

- Centrifugal force compensation
- Optimized lubrication system
- Large through-hole
- Jaw interface 1/16" x 90°

#### Standard equipment

4 jaw chuck, 8 pieces T-nuts and bolts

### Ordering example

4 jaw chuck Centco4-260-72

## **Application Examples**

### 2+2 Centrical and compensating clamping



### 2+2 Centrical and compensating clamping of angular workpieces



### 2+2 Centrical clamping of round or square workpieces



### 2+2 Centrical and compensating clamping of shapeless workpieces



# 4-jaw chuck

### ■ 2+2 Centrical

Independent self centering clamping in 2 axis
Centrifugal force compensation

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

SMW-AUTOBLOK Type CENTCO4		210	260-72	315	400
Mounting		Z170	Z220	Z300	Z300
Outside diameter	А	on request	260	on request	on request
	В	on request	125	on request	on request
	С	on request	129	on request	on request
Diameter Mounting	D H6	on request	220	on request	on request
	F	on request	92	on request	on request
Piston thread / depth	G	on request	M85 x 2 / 20	on request	on request
Centering draw tube	H H7	on request	82	on request	on request
Face contact draw tube	J	on request	26	on request	on request
Piston stroke	К	on request	20	on request	on request
Through hole	M H7	on request	72	on request	on request
Bolt circle	N	on request	171.4	on request	on request
Fixing bolt	0	on request	M16	on request	on request
	02	on request	22	on request	on request
	Р	on request	205	on request	on request
Thread / depth	R	on request	M10/21	on request	on request
	S	on request	6	on request	on request
law width	а	on request	36	on request	on request
Groove width	b H7	on request	17	on request	on request
	с	on request	71.5	on request	on request
Max.	d	on request	58.5	on request	on request
Max. / min.	g	on request	58/25	on request	on request
3olt ISO 4762 12.9	k	on request	M12	on request	on request
Vin.	1	on request	19	on request	on request
Min.	m	on request	6	on request	on request
Inch serration	t	on request	1/16" x 90°	on request	on request
	α°	on request	17.5	on request	on request
	β°	on request	45	on request	on request
Stroke per jaw	mm	on request	5.25	on request	on request
Equalising per jaw	mm	on request	4	on request	on request
Max. actuating force	kN	on request	50	on request	on request
Max. total gripping force	kN	on request	125	on request	on request
Max. speed	min-1	on request	4500	on request	on request
Weight (without jaws)	kg	on request	43	on request	on request
Moment of inertia	kgm²	on request	0.4	on request	on request
Recommended actuating cylinder		on request	SIN-S 150 / 175	on request	on request
Recommended actuating cylinder		on request	VNK-T2 170-77	on request	on request