

## **Pendulum Jaws** for Quick Jaw Change Chucks

**NEW**

### **ECONOMICAL**

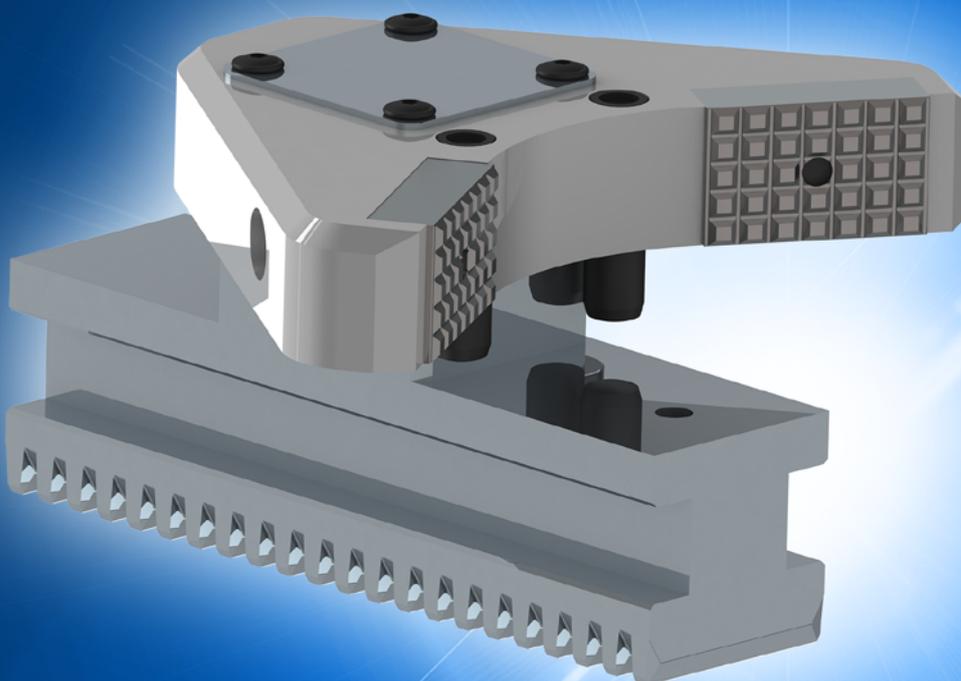
Rapid changing times  
Large clamping diameters  
Cost-efficient solution  
Available from stock

### **PRECISE**

Constant high quality due to  
highest accuracy

### **LOW MAINTENANCE**

Sealed: protected against  
the penetration of  
dust and dirt

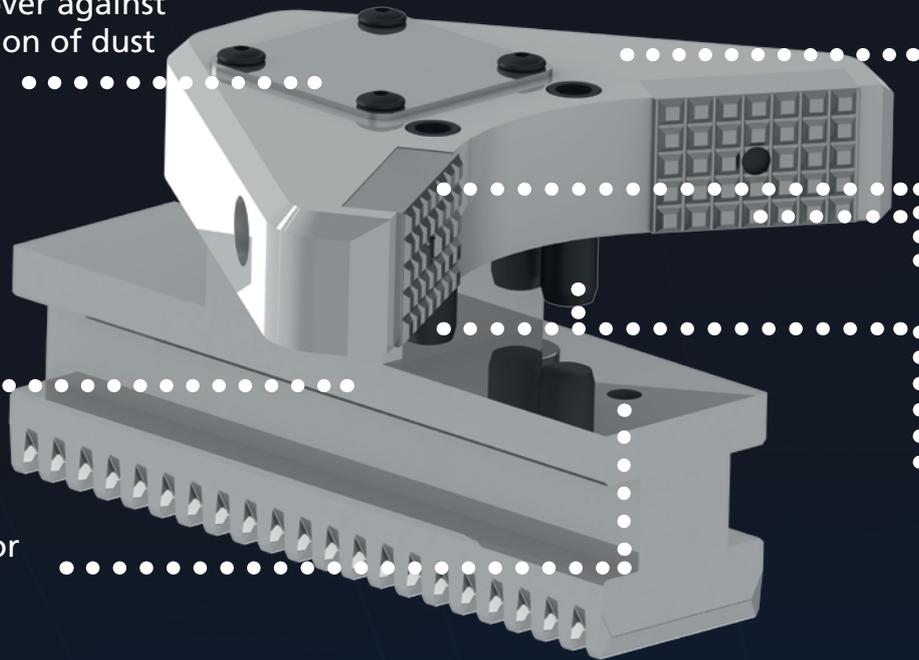


# PJC Modular Design

Protection cover against the penetration of dust and swarf

Base jaw hardened

Thread M6 for stop pins



Parts can be combined in various configurations for different clamping diameters (see table)

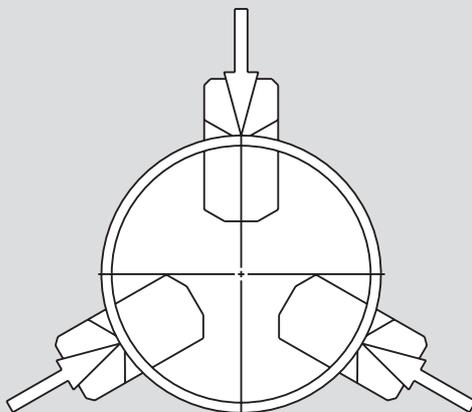
Clamping inserts (hard or soft to be bored on the chuck for OP 20)

Pins to clamp a boring ring to bore the pendulum jaw soft clamping inserts

- ▶ For thin walled or deformation sensitive components
- ▶ Cost-efficient solution
- ▶ Short set up times: from 3-point to 6-point clamping
- ▶ Modular design: all parts interchangeable

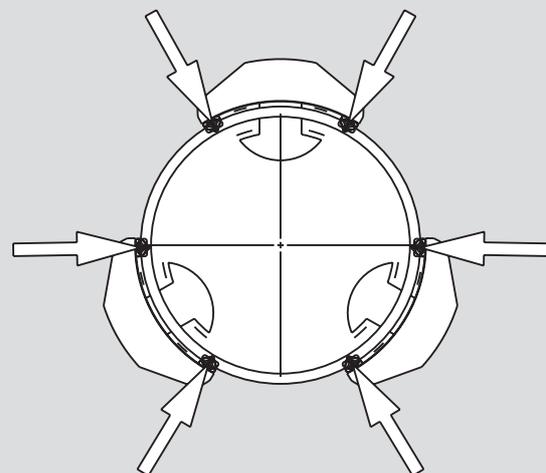
## Example: Deformation of the workpiece at 3-point and 6-point clamping

Workpiece: Pipe section, 30mm length, Outside diameter 100mm, Inside diameter 90mm  
Material: 16MnCr5  
Clamping force: 50 kN



3-point clamping

Deformation 1,097



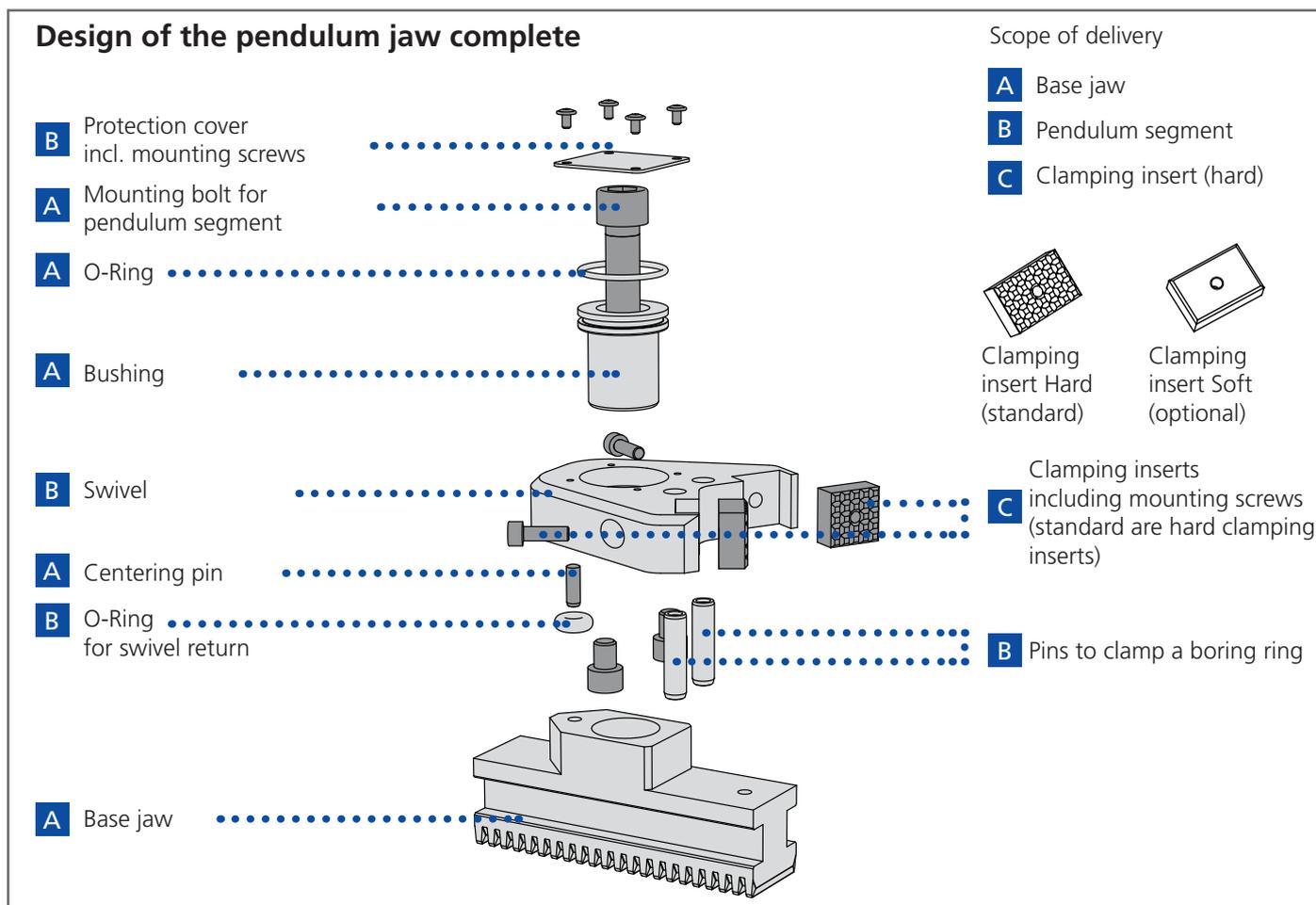
6-point clamping

Deformation 0,063

**Improvement of factor 17**

SMW-AUTOBLOK Type	Size	Clamping range	Pendulum jaw cpl.	Pendulum jaw cpl.	Base jaw cpl.	Pendulum segment cpl.	Clamping insert hard cpl. *	Clamping insert soft cpl. *
		mm	Id. No. for 1 set = 3 pieces	Id. No. for 1 piece	Id. No. for 1 piece	Id. No. for 1 piece	Id. No. for 1 piece	Id. No. for 1 piece
KNCS-N	210	50 - 90	5306638	5306271	5306368	5306370	5306373	5306374
		85 - 140	5306639	5306272	5306369	5306371	5305807	5306421
		135 - 170	5306640	5306273	5306969	5306372	5305807	5306421
KNCS-N	225	50 - 90	5306638	5306271	5306368	5306370	5306373	5306374
		85 - 155	5306639	5306272	5306369	5306371	5305807	5306421
		120 - 175	5306640	5306273	5306969	5306372	5305807	5306421
KNCS-N	260	60 - 100	5306641	5302901	5305802	5305803	5305804	5306420
		95 - 140	5306642	5302902	5305802	5305806	5305807	5306421
		135 - 170	5306643	5302903	5305808	5305809	5305807	5306421
KNCS-N	325	75 - 115	5306644	5303962	5305810	5305811	5305804	5306420
		100 - 160	5306645	5303963	5305810	5305813	5305807	5306421
		145 - 215	5306646	5303964	5305815	5305816	5305807	5306421
		180 - 248	5306647	5303970	5305815	5305817	5305807	5306421
HG-N	210	50 - 90	5306638	5306271	5306368	5306370	5306373	5306374
		85 - 135	5306639	5306272	5306369	5306371	5305807	5306421
		128 - 160	5306640	5306273	5306969	5306372	5305807	5306421
HG-N	260	60 - 100	5306641	5302901	5305802	5305803	5305804	5306420
		85 - 126	5306642	5302902	5305802	5305806	5305807	5306421
		122 - 151	5306643	5302903	5305808	5305809	5305807	5306421
HG-N	315	80 - 120	5306644	5303962	5305810	5305811	5305804	5306420
		115 - 164	5306645	5303963	5305810	5305813	5305807	5306421
		160 - 207	5306646	5303964	5305815	5305816	5305807	5306421
		200 - 242	5306647	5303970	5305815	5305817	5305807	5306421

\* 2 pieces per jaw ≈ 6 pieces per set



#### Accessories and other information

Accessories see jaw catalogue. Use the free Jaw Finder application to search for jaws quick and easy.

Further information on [smw-autoblok.de](http://smw-autoblok.de)





**SMW-AUTOBLOK Spannsysteme GmbH**  
Postfach 1151 • D-88070 Meckenbeuren  
Wiesentalstraße 28 • D-88074 Meckenbeuren  
Tel.: +49 (0) 7542 - 405 - 0

Vertrieb Inland:  
Fax: +49 (0) 7542 - 3886  
E-mail ➤ [vertrieb@smw-autoblok.de](mailto:vertrieb@smw-autoblok.de)

Sales International:  
Fax: +49 (0) 7542 - 405 - 181  
E-mail ➤ [sales@smw-autoblok.de](mailto:sales@smw-autoblok.de)



**U.S.A.**  
SMW-AUTOBLOK Corporation  
285 Egidi Drive - Wheeling, IL 60090  
Tel. +1 847 - 215 - 0591  
Fax +1 847 - 215 - 0594  
E-mail ➤ [autoblok@smwautoblok.com](mailto:autoblok@smwautoblok.com)



**Japan**  
SMW-AUTOBLOK Japan Inc.  
1-5 Tamaike-Cho, Nishi-Ku  
461-Nagoya  
Tel. +81 (0) 52 - 504 - 0203  
Fax +81 (0) 52 - 504 - 0205  
E-mail ➤ [japan@smwautoblok.co.jp](mailto:japan@smwautoblok.co.jp)



**China**  
SMW-AUTOBLOK (Shanghai) Work Holding Co.,Ltd.  
Building 6, No.72, JinWen Road, KongGang  
Industrial Zone, ZhuQiao Town, Pudong District  
201323, Shanghai P.R. China  
Tel. +86 21 - 5810 - 6396  
Fax +86 21 - 5810 - 6395  
E-mail ➤ [china@smwautoblok.cn](mailto:china@smwautoblok.cn)



**Mexico**  
SMW-AUTOBLOK Mexico, S.A. de C.V.  
Pirineos No. 515-B, Nave 16  
Col. Industrial Benito Juarez  
Micro Parque Industrial Santiago  
Queretaro, Qro. C.P. 76130  
Tel. +52 (442) 209 - 5118  
Fax +52 (442) 209 - 5121  
E-mail ➤ [smwmex@smwautoblok.mx](mailto:smwmex@smwautoblok.mx)



**India**  
SMW-AUTOBLOK Workholding Pvt. Ltd.,  
Plot No. 45, B.U. Bhandari Industrial Estate,  
Sanaswadi, Tal. Shirur  
DIST. PUNE - 412 208  
Tel. +91 2137 - 616 974  
Fax +91 2137 - 616 972  
E-mail ➤ [info@smwautoblok.in](mailto:info@smwautoblok.in)



**Brazil**  
SYSTEC METALÚRGICA LTDA  
R. Luiz Brisque, 980  
13280-000 - Vinhedo - SP  
Tel. +55 (0) 193 886 - 6900  
Fax +55 (0) 193 886 - 6970  
E-mail ➤ [systec@systecmetal.com.br](mailto:systec@systecmetal.com.br)



**Argentina**  
SMW-AUTOBLOK Argentina  
Rio Pilcomay 1121 - Bella Vista  
RA - 1661 Bella Vista Buenos Aires  
Tel. +54 (0) 1146 - 660 603  
Fax +54 (0) 1146 - 660 603  
E-mail ➤ [autoblok@ciudad.com.ar](mailto:autoblok@ciudad.com.ar)



**AUTOBLOK s.p.a.**  
Via Duca D'Aosta n.24  
Fraz. Novaretto  
I-10040 Caprie - Torino  
Tel. +39 011 - 9638411  
Tel. +39 011 - 9632020  
Fax +39 011 - 9632288  
E-mail ➤ [info@smwautoblok.it](mailto:info@smwautoblok.it)



**France**  
SMW-AUTOBLOK  
17, Avenue des Frères Montgolfier - Z.I. Mi-Plaine  
F-69680 Chassieu  
Tel. +33 (0) 4 - 727 - 918 18  
Fax +33 (0) 4 - 727 - 918 19  
E-mail ➤ [autoblok@smwautoblok.fr](mailto:autoblok@smwautoblok.fr)



**Great Britain**  
SMW-AUTOBLOK Workholding Ltd.  
8, The Metro Centre  
GB-Peterborough, PE2 7UH  
Tel. +44 (0) 1733 - 394 394  
Fax +44 (0) 1733 - 394 395  
E-mail ➤ [sales@smwautoblok.co.uk](mailto:sales@smwautoblok.co.uk)



**Spain**  
SMW-AUTOBLOK IBERICA, S.L.  
Ursalto 10 - Nave 2  
Pol. 27 - Mateo Gaina  
20014 San Sebastián (Guipúzcoa) (Spain)  
Tel.: +34 943 - 225 079  
Fax: +34 943 - 225 074  
E-mail ➤ [info@smwautoblok.es](mailto:info@smwautoblok.es)



**Russia**  
SMW-AUTOBLOK Russia  
B.Tulskaya str., 10, bld.3, off.3203,  
115191 Moscow (Russia)  
Tel. +7 495 -231-1011  
Fax +7 495 -231-1011  
E-mail ➤ [info@smw-autoblok.ru](mailto:info@smw-autoblok.ru)



**Taiwan**  
SMW-AUTOBLOK Taiwan  
NO.6, SHUYI RD., SOUTH DIST.,  
TAICHUNG, TAIWAN  
Tel. +886 4-226 10826  
Fax +886 4-226 12109  
E-mail ➤ [taiwan@smwautoblok.tw](mailto:taiwan@smwautoblok.tw)



**Czech Republic / Slovakia**  
SMW-AUTOBLOK s.r.o.  
Merhautova 20  
CZ - 613 00 BRNO  
Tel. +420 513 034 157  
Fax +420 513 034 158  
E-mail ➤ [info@smw-autoblok.cz](mailto:info@smw-autoblok.cz)



**Sweden / Norway**  
SMW-AUTOBLOK Scandinavia AB  
Kasernvägen 2  
SE - 281 35 Hässleholm  
Tel. +46 (0) 761 420 111  
E-mail ➤ [info@smw-autoblok.se](mailto:info@smw-autoblok.se)