

# Operation Manual

## Coil Spring Compressor with safety bar No. 164-P / 164-S





### **Intended use**

NEXUS spring compressors are intended for use on motor vehicle springs and suspension struts.

Our spring compressors with safety bar No. 164-P up to 164-S are designed for dismounting of coil springs.

- 164-P up to 164-PK: MacPherson-coil spring compressor
- 164-S0 up to 164-SK2: Universal-coil spring compressor

The adjustable safety bar prevents the hooks from slipping.

### **Working method**

- Hook on the spring compressors opposite each other
- Grip across as many coils as possible (minimum 3)
- Compress the spring by turning the spindles alternately and evenly
- Fit the shock absorber
- Slacken the spring by alternately and evenly unscrewing the spindles whilst ensuring that the spring seats correctly.

### **Attention**

During the entire tightening procedure ensure that the spring compressors are correctly seated.

Interrupt the tightening procedure immediately the minute the spring compressor should slip and correct the seating!

The tightening procedure is to be halted before the coils on the spring being compressed are touching each other.

Springs must not be compressed until blocked!

Always observe the vehicle manufacturer's specifications.

Only use hand tools on the spindle - never use power tools or machines!

### **Disposal**

The procedure for disposal or recycling must be in accordance with the legislation of the respective country. For scrapping, parts are to be cleaned and stripped down in observance of the applicable safety at work and environmental protection regulations. The reduction of environmental pollution and the preservation of the environment should be at the centre of all activities!

## Technical data

NEXUS No.	Diameter mm	Max. Vehicle weight Kg	Max. movement range mm	Max. load t	Spindle mm	Wrench Size	Weight Kg
<b>164-P</b>	110 - 180	2.000	200	3,5	M18x2x280	19	2,4
<b>164-PK</b>	110 - 180	2.000	200	3,5	M18x2x280	19	2,5
<b>164-S0</b>	110 - 180	2.000	200	1,8	M16x280	17	2,4
<b>164-S1</b>	110 - 180	2.000	300	1,8	M16x380	17	2,8
<b>164-S2</b>	110 - 180	2.000	400	1,8	M16x480	17	2,9
<b>164-SK0</b>	110 - 180	2.000	200	1,8	M16x280	17	2,5
<b>164-SK1</b>	110 - 180	2.000	300	1,8	M16x380	17	2,9
<b>164-SK2</b>	110 - 180	2.000	400	1,8	M16x480	17	3,0

The spring compressors accord with the requirements of the safety regulations for vehicle maintenance (ZH1/454) of the Employer's Liability Insurance Association.