



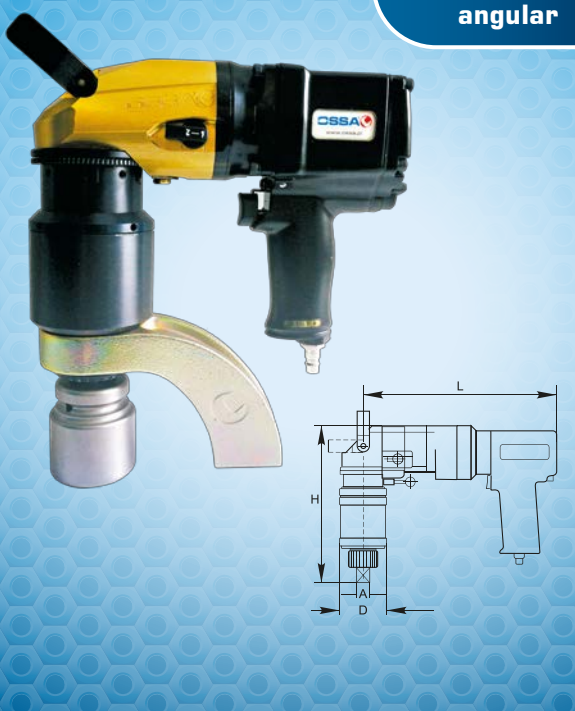
BOLTING TECHNOLOGY

# PNEUMATIC TORQUE WRENCH ZP and ZPK series



**ZP**  
straight

**ZPK**  
angular



from **S 22** to **S 100**

### FEATURES:

- switch to change rotation direction (left /right)
- two speeds (fast and operating speed)
- pivotable driving unit (rotation of the handle by 360°)
- overload protection
- Stepless torque adjust via compressed air preparation unit
- automatic switch-off function
- operation possibility starting from 1 bar

### APPLICATION AREA:

- natural gas mining and transfer
- crude oil refinery plants
- chemical industry
- workshops and mass assembly plants

### adjustable torque

- faster assembly operations
- improved occupational safety
- accuracy of bolt connections

### PNEUMATIC TORQUE WRENCH STRAIGHT VERSION, ZP SERIES

TYPE	ZP-9	ZP-15	ZP-25	ZP-28	ZP-35	ZP-45	ZP-60	ZP-80	ZP-100
<b>Minimum torque</b> [Nm]	60	60	70	70	70	250	300	500	450
<b>Maximum torque</b> [Nm]	900	1 500	2 500	2 800	3 500	4 500	6 000	8 000	10 000
<b>Rotation speed</b> [1/min]	42	33	18	12	12	7,5	6	4,1	2
<b>Square drive</b> <b>A</b>	1"	1"	1"	1"	1" / 1½"	1½"	1½"	1½"	1½"
<b>Diameter</b> [mm] <b>D</b>	88	88	88	88	88	102	102	112	123
<b>Height</b> [mm] <b>H</b>	356	356	396	396	406	410	410	446	466
<b>Weight*</b> [kg]	7	7	9	9	10	11	11	15	17

### PNEUMATIC TORQUE WRENCH ANGULAR VERSION, ZPK SERIES

TYPE	ZPK-9	ZPK-15	ZPK-25	ZPK-28	ZPK-35	ZPK-45	ZPK-60	ZPK-80	ZPK-100
<b>Minimum torque</b> [Nm]	60	60	70	70	70	250	300	500	450
<b>Maximum torque</b> [Nm]	900	1 500	2 500	2 800	3 500	4 500	6 000	8 000	10 000
<b>Rotation speed</b> [1/min]	42	33	18	12	12	7,5	6	4,1	2
<b>Square drive</b> <b>A</b>	1"	1"	1"	1"	1" / 1½"	1½"	1½"	1½"	1½"
<b>Diameter</b> [mm] <b>D</b>	88	88	88	88	88	102	102	112	123
<b>Height</b> [mm] <b>H</b>	263	263	303	303	313	318	318	360	373
<b>Length</b> [mm] <b>L</b>	224	224	224	224	224	224	224	224	224
<b>Weight*</b> [kg]	9	9	10	10	11	12	14	16	18

\* bez ramienia reakcyjnego

Compressed air consumption – 580 l/min, accuracy ± 3%

The offer includes customization of tightening machines with different torques and rotation speed, dedicated to specific application and of unique design.