

# PNEUMATIC IMPACT WRENCH

**BAHCO**  
DORTMUND



**PNEUMATIC IMPACT WRENCH  
SERIES FW - KW - ST - SP**

**BAHCO**

## PNEUMATIC IMPACT WRENCH SERIES FW



### Dimensions

Type	Square drive	Screw size	recom. Torque range	max. Torque	Free speed	Overall length	Weight
	Inch	mm	Nm	Nm	min <sup>-1</sup>	mm	kg
<b>Straight version</b>							
• FW-6SX-5	3/8"	M6	10 - 23	28	10000	223	1.10
• FW-6SX-6	3/8"	M6	8 - 21	25	10000	223	1.10
<b>Angle version</b>							
• FW-8SCH-2	3/8"	M10	30 - 50	60	7500	354	2.70
<b>Pistol version</b>							
• FW-6PH-1	3/8"	M8	24 - 45	50	9000	147	1.35
• FW-6PH-11	3/8"	M8	29 - 47	55	9000	152	1.40
• FW-8PH-3	1/2"	M10	40 - 60	75	7500	162	1.50
FW-10PH-1	1/2"	M10	45 - 65	80	7500	179	2.00
FW-14PX-5	1/2"	M14	80 - 130	150	6500	197	3.00
FW-14PH-1	1/2"	M14	70 - 100	130	7500	202	2.56
• FW-14PH-2P	1/2"	M14	100 - 160	180	7500	202	2.56

\* Compressed air connection: 1/4" BSP or NPT, Hose size: min 9.5 mm.

• Models with double impact mechanism



### Dimensions

Type	Square drive	Screw size	recom. Torque range	max. Torque	Free speed	Overall length	Weight
	Inch	mm	Nm	Nm	min <sup>-1</sup>	mm	kg
<b>Straight version</b>							
FW-250-1C	1"	M24	380 - 1.040	1.200	5.000	302	6,0
FW-250-2C	3/4"	M24	380 - 1.040	1.200	5.000	302	6,0
FW-320-1C	1"	M30 - M33	600 - 1.800	2.300	4.800	353	8,7
FW-420-1C	1"	M36 - M42	900 - 2.500	2.800	4.500	349	10,8
<b>Pistol version</b>							
FW-190P-1	3/4"	M20	240 - 560	620	5.500	241	4,5
FW-250P-1	1"	M24	380 - 1.040	1.200	5.000	228	5,3
FW-250P-2	3/4"	M24	380 - 1.040	1.200	5.000	228	5,3
FW-320P-1	1"	M30 - M33	600 - 1.800	2.300	4.800	268	8,0

\* Compressed air connection: 1/4" BSP oder NPT

Hose size: FW-250 – FW-320 min. 12.7 mm, FW-420 min. 19.0 mm

## PNEUMATIC IMPACT WRENCH SERIES KW

### Dimensions

Type	Square drive	Screw size	recom. Torque range	max. Torque	Free speed	Overall length	Weight
	Zoll	mm	Nm	Nm	min <sup>-1</sup>	mm	kg
<b>Straight version</b>							
KW-3800PRO G	1"	36	300 - 1370	1800	4200	358	6.40
KW-3800PRO GL	1"	36	300 - 1370	1800	4200	488	6.90
KW-4500 G	1"	45	1000 - 2450	3750	3700	365	10.70
KW-4500 GL	1"	45	1000 - 2450	3750	3700	531	11.60
KW-5000 G	1½"	52	1000 - 3400	5250	3000	473	15.50
<b>Pistol version</b>							
KW-T 160V	½"	16	100 - 400	660	6300	171	1.50
KW-1600 PRO-I	½"	12	100 - 330	490	8000	170	1.65
KW-1800 PRO-I	½"	16	150 - 550	820	4500	216	2.80
KW-2000 PRO-I	¾"	18	150 - 580	820	4500	216	2.80
KW-2500 PRO	¾"	24	200 - 980	1150	4500	219	4.20
KW-2800 PA	¾"	27	250 - 1110	1380	3300	224	5.70
KW-2800 PA-1	1"	27	250 - 1110	1380	3300	224	5.80
KW-4500 P	1"	45	1000 - 2450	3750	3700	270	10.30



Air Connection Thread: KW 1600 up to KW 2500: ¼"  
 KW 2800 up to KW 3800: ⅜"  
 KW 4500 up to KW 5000: ½"

Hose size: KW-T160/1600PRO-I = min. 6.5 mm

Hose size: KW-1800 – KW-3800 = min. 9.5 mm

Hose size: KW-4500 – KW-5000 = min. 12.7 mm

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## PNEUMATIC IMPACT WRENCH SERIES ST



### Dimensions

Type	Square drive	Screw size	recom. Torque range	max. Torque	Free speed	Overall length	Weight
	<b>Zoll</b>	<b>min<sup>-1</sup></b>	<b>Nm</b>	<b>PT</b>	<b>l/min.</b>	<b>mm</b>	<b>kg</b>
ST-C544	1/2"	10000	434	1/4"	480	170	1.20
ST-C5444 S	1/2"	8500	1491	1/4"	480	175	1.65
ST-5148	1/2"	9500	1139	1/4"	480	97	1.60

## PNEUMATIC IMPACT WRENCH SERIES SP



### Dimensions

Type	Square drive	Screw size	recom. Torque range	max. Torque	Free speed	Overall length	Weight
	<b>Zoll</b>	<b>min<sup>-1</sup></b>	<b>Nm</b>	<b>PT</b>	<b>l/min.</b>	<b>mm</b>	<b>kg</b>
SP-7140	1/2"	6000	40 - 450	1/4"	125	185	2.10

All information subject to change without further notice.  
No responsibility is taken for the correctness of the named specifications.