



Screwdriving Technology

Automation

Air Motors

Air Tools



## Air Impact Tools

Pistol Grip, Fist Grip

For Screws: M10 - M45

Max. Torque Values: 300 - 2 650 Nm

- Maximum power - maximum efficiency - ideal for repetitive production
- Revolutionary motor design
- Torque adjustment feature
- Maximum life-time and reliability
- Ergonomic execution
- Low vibration- and emission level
- Low air consumption
- Low weight

Our professional impact tools are predominantly used in the automotive- and machine building industries.

Our robust impact tools allow the effective tightening and loosening of fasteners or screws, size M10 to M45 in mass-production environments, which demand high performance, utmost reliability and operational efficiency.



If you are looking for an ATEX-compliant impact tool, please make your selection from our tool assortment suitable for the use in explosion hazardous environments. More informations may be found on [www.deprag.cz](http://www.deprag.cz) or in our catalogue no. DCZ 10703.



# Impact tools for industrial operations in all automotive- and machine-production areas

## High power output

The special design of the impact tools allows high speeds at simultaneously high torques. These tools are designed to reduce your production efforts by greatly reducing cycle times.

## 3-step torque adjustment

DEPRAG INDUSTRIAL impact tools are equipped with a 3-step power limiter. During power regulation the air pressure is limited resulting in lower air consumption + increased economical operation.

## Robust

The special robust construction of our impact tools assures a reliable operation in industrial areas with 24/7 operations.

## Highly durable

The robust construction assures the high longevity of your tools - even when used in 24/7 operations.

## Simple operation

Ergonomic handling and simple operation for different applications and different tightening processes are fulfilled by the great effectiveness of these tools. The required torque is selected by the size of the impact tool and the number of impacts. The new grip was made to assure a centered handling, which guarantees a fatigue-free operation. The reverse slide is simple to operate and easy to reach.



Maximum power (TwinHammer impact mechanism, revolutionary motor design)  
3-step torque adjustment.

The ergonomic grip- and housing design simplifies tool operation.

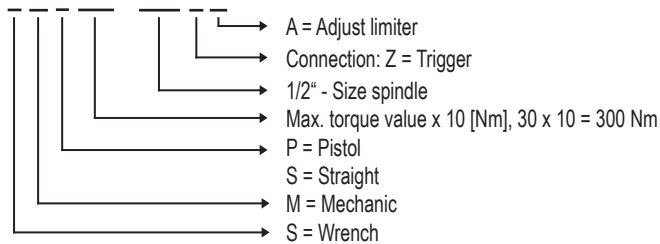
Progressive trigger start assures smooth start- and shut-off control.

Tool weight-balance the precise balancing of the tool weight allows the center-of-gravity to be straight through the handle



## TYPE KEY

S M P 030 - 1/2" Z A



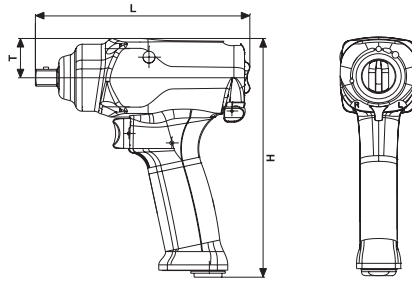
## APPLICATIONS

### For the tightening and loosening of screws

- in all automotive- and machine-production areas
- in general tire services
- in industrial fabrication areas
- in hand-crafted metal production areas
- in the production of railway cars

## SPECIFICATIONS - IMPACT TOOLS - PISTOL GRIP

### Impact Tools - Pistol Grip - for screws M10 - M30, max. torque values: 300 - 1 100 Nm



Impact Tool	Model	SMP 030-1/2"ZA		SMP 085-1/2"ZA		SMP 110-3/4"ZA	
Trigger start	Part No.	6061166A		6061149A		6061210A	
For screw		M10 - M16		M12 - M22		M10 - M30	
Max. torque capability	Nm (ft.lbs)	300 (221)		850 (627)		1 100 (811)	
Working torque range	Nm (ft.lbs)	120 - 260 (89 - 118)		200 - 650 (148 - 479)		150 - 920 (111 - 679)	
Speed (no load)	min <sup>-1</sup> (rpm)	15 000		9 900		6 000	
Impacts	Hz	20		23		15	
Air consumption (no load)	m <sup>3</sup> /min (cfm)	0,9 (31.8)		1,3 (45.9)		1,5 (53.0)	
Air consumption (max. power)	m <sup>3</sup> /min (cfm)	0,5 (17.7)		0,8 (28.3)		1,1 (28.2)	
I.D. of air inlet hose	mm (in)	10 (13/32")		10 (13/32")		12 (15/32")	
Weight	kg (lbs)	1,5 (3.3)		2,5 (5.5)		4,7 (10.36)	
Length L	mm (in)	162 (6.38)		199 (7.8)		249 (9.8)	
Height H	mm (in)	180 (7.1)		190 (7.5)		202 (7.6)	
Distance from spindle center to outside of housing T	mm (in)	30 (1.2)		35 (1.4)		44 (1.73)	
Air connection		thread 3/8"female		thread 3/8"female		thread 3/8"female	
Spindle, external square		12,5 (1/2")		12,5 (1/2")		19 (3/4")	

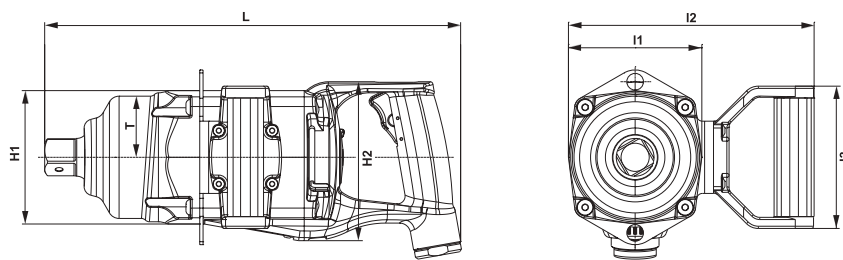
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number		
Hose nozzle G3/8"	6074664	6074664	6074664
Hook	3275961	3275961	383341
Ring	823022	823022	823022

Optional Accessories:	Part Number		
Nipple R 3/8"	6074658	6074658	6074950
Spindle 1"	-	-	6021320
Integrated socket 4HR1/2" 6HR10	6075051	-	-
Integrated socket 4HR1/2" 6HR12	6075052	-	-
Integrated socket 4HR1/2" 6HR13	6075053	-	-
Integrated socket 4HR1/2" 6HR14	6075054	-	-
Integrated socket 4HR1/2" 6HR16	6075055	6075055	-
Integrated socket 4HR1/2" 6HR17	-	6072129	-
Integrated socket 4HR1/2" 6HR18	-	6075057	-
Integrated socket 4HR1/2" 6HR19	-	6072133	-
Integrated socket 4HR1/2" 6HR21	-	6075059	-
Integrated socket 4HR1/2" 6HR22	-	6075060	-
Integrated socket 4HR1/2" 6HR24	-	6072137	-
Integrated socket 4HR3/4" 6HR24	-	-	6011658
Integrated socket 4HR3/4" 6HR27	-	-	6011659
Integrated socket 4HR3/4" 6HR30	-	-	6011660
Integrated socket 4HR3/4" 6HR32	-	-	6011661
Integrated socket 4HR3/4" 6HR34	-	-	6011671
Integrated socket 4HR3/4" 6HR36	-	-	6011662
Integrated socket 4HR3/4" 6HR41	-	-	6011663
Integrated socket 4HR3/4" 6HR46	-	-	6011664

## SPECIFICATIONS - IMPACT TOOL - FIST GRIP

### Impact Tool - Fist Grip - for screws M24 - M45, max. torque values: 2 650 Nm



Impact Tool	Model	SMS 265-1"ZA	
Trigger start	Part No.	6061222A	
For screw		M24 - M45	
Max. torque capability	Nm (ft.lbs)	2 650	(1963)
Working torque range	Nm (ft.lbs)	1 200 - 2 500	(889 - 1852)
Speed (no load)	min <sup>-1</sup> (rpm)	6 000	
Impacts	Hz	13	
Air consumption (no load)	m <sup>3</sup> /min (cfm)	2,5	(88.28)
Air consumption (max. power)	m <sup>3</sup> /min (cfm)	1,3	(45.90)
I.D. of air inlet hose	mm (in)	16	
Weight	kg (lbs)	10,4	(22.93)
Length L	mm (in)	374	(14.72)
Height H1	mm (in)	120	(4.72)
Height H2		143	(5.63)
Distance from spindle center to outside of housing T	mm (in)	60	(2.36)
Length I1	mm (in)	120	(4.72)
Length I2	mm (in)	221	(8.70)
Length I3	mm (in)	128	(5.04)
Air connection		thread 1/2"female	
Spindle, external square	mm (in)	25,4	(1")

Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number
Hose nozzle, turnable	6021377

Optional Accessories:	Part Number
Integrated socket 4HR1" 6HR41	6011676
Integrated socket 4HR1" 6HR46	6011665
Integrated socket 4HR1" 6HR50	6011666
Integrated socket 4HR1" 6HR55	6011667
Spindle extension 4HR1", length 175 mm	6078609
Spindle extension 4HR1", length 200 mm	6078610
Spindle extension 4HR1", length 250 mm	6078611
Spindle extension 4HR1", length 330 mm	6078612

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machines unlimited

