



**SPITZNAS**  
CUSTOMIZED POWER SOLUTIONS



# RIVETING AND CHIPPING HAMMERS

TOOLS FOR THE SPECIALIST

**NEEDLE SCALERS**

**RIVETING AND CHIPPING HAMMERS**

**PICK HAMMER**

**SHEAR HAMMERS**

**COUNTER BRACKETS**

**SPADERS, CONCRETE BREAKERS, PICK HAMMERS**

**RAMMERS**



PNEUMATIC



# SYSTEM CONCEPT



Hardened steel needles



Lever valve with self-reset



Housing made of aluminium



Various types of needle sets available



Easy mounting and change of needles

Air connection



## NEEDLE SCALER

Needle scaler with pistol handle for individual use.



PNEUMATIC



OPERATING PRESSURE

6 Bar

ORDER NO.	Number of needles x dia.	Needle stroke	Spare needles ORDER NO.	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm		m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 1501 0010</b>	29x2	22.0	9 2508 0010	0.15	4,000	210.0	10.0	R3/8" female	90.0	11.5	1.4

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## NEEDLE SCALERS

Needle scalers with pistol handle with different numbers of needles and needle diameters.



PNEUMATIC



OPERATING PRESSURE

6 Bar

ORDER NO.	Number of needles x dia.	Needle stroke	Spare needles ORDER NO.	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm		m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 1503 0010</b>	23x3	28.0	9 2508 0020	0.27	4,000	315.0	10.0	R3/8" female	93.0	28.0	2.7
<b>7 1503 0020</b>	53x2	28.0	9 2508 0030	0.27	4,000	315.0	10.0	R3/8" female	93.0	28.0	2.7
<b>7 1504 0010</b>	28x3	28.0	9 2508 0020	0.35	4,500	350.0	10.0	R3/8" female	95.0	17.5	3.5
<b>7 1504 0020</b>	14x4	28.0	9 2508 0040	0.35	4,500	350.0	10.0	R3/8" female	95.0	17.5	3.5
<b>7 1504 0030</b>	66x2	28.0	9 2508 0030	0.35	4,500	350.0	10.0	R3/8" female	95.0	17.5	3.5

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## NEEDLE SCALERS

Needle scalers for use in difficult to access working areas.



PNEUMATIC



OPERATING PRESSURE

6 Bar

ORDER NO.	Number of needles x dia.	Needle stroke	Spare needles ORDER NO.	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm		m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 1505 0010</b>	12x3	22.0	9 2508 0020	0.20	4,000	345.0	10.0	R3/8" female	92.0	15.5	2.4
<b>7 1505 0020</b>	29x2	22.0	9 2508 0030	0.20	4,000	345.0	10.0	R3/8" female	92.0	15.5	2.4
<b>7 1506 0010</b>	12x3	30.0	7 1506 9520	0.08	3,800	343.0	10.0	R3/8" female	97.4	3.7	1.6

Subject to technical change.

Performance data at an operating pressure of 6 bar.

# TECHNICAL DATA

# SYSTEM CONCEPT



Chisel shank with screw cap



Robust housing



Lever valve with self-reset



Type 7 1301 0010

Type 7 1301 0010



Different types of chisel available



Easy change of chisel



Air connection



## PICK HAMMER

Handy lightweight hammer for easy and fast cleaning of weld joints and for removing of slag.



**PNEUMATIC**



**OPERATING PRESSURE**

6 Bar

ORDER NO.	Number of needles x dia.	Needle stroke	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm		m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 1301 0010</b>	S9x29	17.0	16.0	0.25	4,800	182.0	9.0	R1/4" female		8.1	1.3

Subject to technical change.

Performance data at an operating pressure of 6 bar.

# TECHNICAL DATA

# SYSTEM CONCEPT



Shank with spring cap



Exhaust guide to the side



Push-button control



Type 7 5113 0010

Type 7 5214 0010



Shank with spring cap



Exhaust guide to the side



Lever valve with self-reset



## LEIGHT RIVETING AND CHIPPING HAMMERS

Riveting and chipping hammers in bar-shaped and straight design with push-button control usable for all difficult to access working areas.



**PNEUMATIC**



**OPERATING PRESSURE**

6 Bar

ORDER NO.	Shank	Handle type	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm		mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 5113 0010</b>	R10.3x36	bar-shaped	16.0	30.0	0.32	6,100	172.0	9.0	R1/4" female	97.0	6.8	0.77
<b>7 5113 0020</b>	S12.5x36	bar-shaped	16.0	30.0	0.32	6,100	172.0	9.0	R1/4" female	97.0	6.8	0.77
<b>7 5213 0010</b>	R10.3x36	bar-shaped	16.0	45.0	0.32	4,400	194.0	9.0	R1/4" female	98.0	9.4	0.80
<b>7 5213 0020</b>	S12.5x36	bar-shaped	16.0	45.0	0.32	4,400	194.0	9.0	R1/4" female	98.0	9.4	0.80

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## LEIGHT RIVETING AND CHIPPING HAMMERS

Riveting and chipping hammers in bar-shaped and straight design with lever valve usable for all difficult to access working areas.



**PNEUMATIC**



**OPERATING PRESSURE**

6 Bar

ORDER NO.	Shank	Handle type	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm		mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 5114 0010</b>	R10.3x36	bar-shaped	16.0	30.0	0.32	6,100	172	9.0	R1/4" female	97.0	7.1	0.72
<b>7 5114 0020</b>	S12.5x36	bar-shaped	16.0	30.0	0.32	6,100	172	9.0	R1/4" female	97.0	7.1	0.72
<b>7 5214 0010</b>	R10.3x36	bar-shaped	16.0	45.0	0.32	4,400	193	9.0	R1/4" female	97.0	9.2	0.82
<b>7 5214 0020</b>	S12.5x36	bar-shaped	16.0	45.0	0.32	4,400	193	9.0	R1/4" female	97.0	9.2	0.82

Subject to technical change.

Performance data at an operating pressure of 6 bar.

# TECHNICAL DATA

# SYSTEM CONCEPT



Shank with spring cap



Exhaust guide to the side



Push-button control



Type 7 5112 0010

Type 7 5115 0010



Shank with spring cap



Exhaust guide to the side



Open D-handle with trigger



## LEIGHT RIVETING AND CHIPPING HAMMERS

Leight and handy riveting and chipping hammers with pistol handle for all minor work. Optionally with or without air regulation.



**PNEUMATIC**



**OPERATING PRESSURE**

6 Bar

ORDER NO.	Shank	Handle type	Piston dia.	Piston stroke	Air consumption	Im-pacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm		mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 5112 0010</b>	R10.3x36	pistol	16.0	30.0	0.32	6,100	180.0	9.0	R1/4" female	97.0	7.3	0.68
<b>7 5112 0020</b>	S12.5x36	pistol	16.0	30.0	0.32	6,100	180.0	9.0	R1/4" female	97.0	7.3	0.68
<b>7 5212 0010</b>	R10.3x36	pistol	16.0	45.0	0.32	4,400	188.0	9.0	R1/4" female	98.0	9.6	0.77
<b>7 5212 0020</b>	S12.5x36	pistol	16.0	45.0	0.32	4,400	188.0	9.0	R1/4" female	98.0	9.6	0.77

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## LEIGHT RIVETING AND CHIPPING HAMMERS

Leight riveting and chipping hammers with open D-handle for increased productivity. The design guarantees optimum transmission of the contact force.



**PNEUMATIC**



**OPERATING PRESSURE**

6 Bar

ORDER NO.	Shank	Handle type	Piston dia.	Piston stroke	Air consumption	Im-pacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm		mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 5115 0010</b>	R10.3x36	open D	16.0	30.0	0.32	6,100	214.0	9.0	R1/4" female	97.0	5.6	1.04
<b>7 5115 0020</b>	S12.5x36	open D	16.0	30.0	0.32	6,100	214.0	9.0	R1/4" female	97.0	5.6	1.04
<b>7 5215 0010</b>	R10.3x36	open D	16.0	45.0	0.32	4,400	236.0	9.0	R1/4" female	98.0	7.4	1.14
<b>7 5215 0020</b>	S12.5x36	open D	16.0	45.0	0.32	4,400	236.0	9.0	R1/4" female	98.0	7.4	1.14

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## LEIGHT RIVETING AND CHIPPING HAMMERS

Effortless work based on good ergonomics and optimum transmission of the contact force.



**PNEUMATIC**



**OPERATING PRESSURE**

6 Bar

ORDER NO.	Shank	Handle type	Piston dia.	Piston stroke	Air consumption	Im-pacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm		mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 5504 0010</b>	RS14.3	open D	20.0	60.0	0.44	3,200	290.0	10.0	R1/4" female	100.0	9.5	1.80
<b>7 5504 0020</b>	R14.3x50	open D	20.0	60.0	0.44	3,200	290.0	10.0	R1/4" female	100.0	9.5	1.80
<b>7 5603 0010</b>	RS14.3	open D	20.0	90.0	0.46	2,200	335.0	10.0	R1/4" female	97.0	12.5	2.12
<b>7 5603 0020</b>	R14.3x50	open D	16.0	45.0	0.46	4,400	335.0	10.0	R1/4" female	97.0	12.5	2.12

Subject to technical change.

Performance data at an operating pressure of 6 bar.

# TECHNICAL DATA

# SYSTEM CONCEPT



Shank with spring cap



Exhaust guide to the side



D-handle with trigger



Type 7 5505 0010



Type 7 6108 0050

Shank with spring cap



Exhaust guide to the side



D-handle with trigger



## LEIGHT RIVETING AND CHIPPING HAMMERS

Leight riveting and chipping hammers with closed D-handle and control for increased safety and optimum transfer of the clamping force.



**PNEUMATIC**



**OPERATING PRESSURE**

6 Bar

ORDER NO.	Shank	Handle type	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm		mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 5505 0010</b>	RS14.3	closed D	20.0	60.0	0.44	3,200	309.0	10.0	R1/4" female	6.0	3.10	
<b>7 5505 0020</b>	R14.3x50	closed D	20.0	60.0	0.44	3,200	309.0	10.0	R1/4" female	6.0	3.10	
<b>7 5604 0010</b>	RS14.3	closed D	20.0	90.0	0.50	2,200	358.0	10.0	R1/4" female	9.3	3.40	
<b>7 5604 0020</b>	R14.3x50	closed D	20.0	90.0	0.50	2,200	358.0	10.0	R1/4" female	9.3	3.40	

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## MEDIUM HEAVY RIVETING AND CHIPPING HAMMERS

Efficient vibration reduction protects the hand and arm system. Especially suitable for continuous operation. Shank with spring cap.



**PNEUMATIC**



**OPERATING PRESSURE**

6 Bar

ORDER NO.	Shank	Piston dia.	Piston stroke	for steel rivets		Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	∅ cold	∅ warm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 5708 0010</b>	RS17.5	23.0	54.0	6.0	7.0	0.54	2,800	315.0	13.0	R3/8" female	100.0	9.8	3.70
<b>7 5708 0020</b>	R17.5x60	23.0	54.0	6.0	7.0	0.54	2,800	315.0	13.0	R3/8" female	100.0	9.8	3.70
<b>7 5708 0030</b>	RS20	23.0	54.0	6.0	7.0	0.54	2,800	315.0	13.0	R3/8" female	100.0	9.8	3.70
<b>7 5708 0050</b>	R20x60	23.0	54.0	6.0	7.0	0.54	2,800	315.0	13.0	R3/8" female	100.0	9.8	3.70
<b>7 5804 0010</b>	RS17.5	23.0	83.0	7.0	8.0	0.62	2,100	345.0	13.0	R3/8" female	100.0	9.8	4.10
<b>7 5804 0020</b>	R17.5x60	23.0	83.0	7.0	8.0	0.62	2,100	345.0	13.0	R3/8" female	100.0	9.8	4.10
<b>7 5804 0030</b>	RS20	23.0	83.0	7.0	8.0	0.62	2,100	345.0	13.0	R3/8" female	100.0	9.8	4.10
<b>7 5804 0050</b>	R20x60	23.0	83.0	7.0	8.0	0.62	2,100	345.0	13.0	R3/8" female	100.0	9.8	4.10
<b>7 6015 0010</b>	RS17.5	30.0	72.5	8.0	10.0	0.82	3,200	365.0	13.0	R3/8" female	100.0	10.2	6.30
<b>7 6015 0020</b>	R17.5x60	30.0	72.5	8.0	10.0	0.82	3,200	365.0	13.0	R3/8" female	100.0	10.2	6.30
<b>7 6015 0030</b>	RS20	30.0	72.5	8.0	10.0	0.82	3,200	365.0	13.0	R3/8" female	100.0	10.2	6.30
<b>7 6015 0050</b>	R20x60	30.0	72.5	8.0	10.0	0.82	3,200	365.0	13.0	R3/8" female	100.0	10.2	6.30
<b>7 6108 0010</b>	RS17.5	30.0	102.5	9.0	13.0	0.90	1,500	415.0	13.0	R3/8" female	100.0	12.7	6.90
<b>7 6108 0020</b>	R17.5x60	30.0	102.5	9.0	13.0	0.90	1,500	415.0	13.0	R3/8" female	100.0	12.7	6.90
<b>7 6108 0030</b>	RS20	30.0	102.5	9.0	13.0	0.90	1,500	415.0	13.0	R3/8" female	100.0	12.7	6.90
<b>7 6108 0050</b>	R20x60	30.0	102.5	9.0	13.0	0.90	1,500	415.0	13.0	R3/8" female	100.0	12.7	6.90
<b>7 6204 0010</b>	RS17.5	30.0	137.5	10.0	16.0	0.55	1,200	460.0	13.0	R3/8" female	100.0	14.5	7.90
<b>7 6204 0020</b>	R17.5x60	30.0	137.5	10.0	16.0	0.55	1,200	460.0	13.0	R3/8" female	100.0	14.5	7.90
<b>7 6204 0030</b>	RS20	30.0	137.5	10.0	16.0	0.55	1,200	460.0	13.0	R3/8" female	100.0	14.5	7.90
<b>7 6204 0050</b>	R20x60	30.0	137.5	10.0	16.0	0.55	1,200	460.0	13.0	R3/8" female	100.0	14.5	7.90

Subject to technical change.

Performance data at an operating pressure of 6 bar.

# TECHNICAL DATA

# SYSTEM CONCEPT



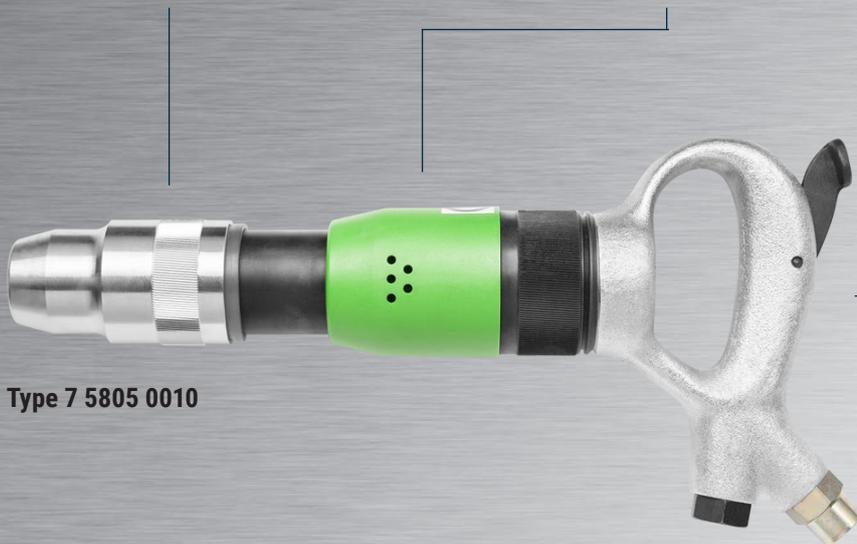
Shank with screw cap



Exhaust guide to the side



D-handle with trigger



Type 7 5805 0010

Type 7 7104 0010



Shank with spring cap



Extended piston stroke



D-handle with trigger



## MEDIUM HEAVY RIVETING AND CHIPPING HAMMERS

Medium heavy riveting and chipping hammers with screw cap for easy chisel change. Optimal exhaust guide by turnable rotating sleeve.



PNEUMATIC



OPERATING PRESSURE

6 Bar

ORDER NO.	Shank	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 5709 0010</b>	RS17.5	23.0	54.0	0.54	2,800	338.0	13.0	R3/8" female	100.0	7.75	4.15
<b>7 5709 0030</b>	RS20	23.0	54.0	0.54	2,800	338.0	13.0	R3/8" female	100.0	7.75	4.15
<b>7 5805 0010</b>	RS17.5	23.0	83.0	0.62	2,100	374.0	13.0	R3/8" female	100.0	8.60	4.48
<b>7 5805 0030</b>	RS20	23.0	83.0	0.62	2,100	374.0	13.0	R3/8" female	100.0	8.60	4.48
<b>7 5805 0050</b>	R20x60	23.0	83.0	0.62	2,100	374.0	13.0	R3/8" female	100.0	8.60	4.48
<b>7 6016 0010</b>	RS17.5	30.0	71.5	0.82	3,200	378.0	13.0	R3/8" female	100.0	10.6	6.25
<b>7 6016 0030</b>	RS20	30.0	71.5	0.82	3,200	378.0	13.0	R3/8" female	100.0	10.6	6.25
<b>7 6016 0050</b>	R20x60	30.0	71.5	0.82	3,200	378.0	13.0	R3/8" female	100.0	10.6	6.25
<b>7 6109 0010</b>	RS17.5	30.0	101.5	0.90	1,500	430.0	13.0	R3/8" female	100.0	12.2	6.73
<b>7 6109 0030</b>	RS20	30.0	101.5	0.90	1,500	430.0	13.0	R3/8" female	100.0	12.2	6.73
<b>7 6109 0050</b>	R20x60	30.0	101.5	0.90	1,500	430.0	13.0	R3/8" female	100.0	12.2	6.73

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## SHEAR HAMMERS

Powerful shear hammers with different piston stroke available.



PNEUMATIC



OPERATING PRESSURE

6 Bar

ORDER NO.	Shank	For rivet dia.	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	mm	m <sup>3</sup> /min	mrpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 7104 0010</b>	R23x65	16.0	30.0	197.0	0.60	1,050	555.0	13.0	R3/8" female	100.0	12.2	8.8
<b>7 7304 0010</b>	R31x70	25.0	30.0	300.0	0.95	750	690.0	15.0	R1/2" female	100.0	15.5	14.1

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## COUNTER BRACKET

Counter bracket for rivets up to dia. 27 mm.



PNEUMATIC



OPERATING PRESSURE

6 Bar

ORDER NO.	Shank	For rivet dia.	Piston dia.	Piston stroke	Length	Hose ID	Air connection	Weight
	mm	mm	mm	mm	mm	mm		kg
<b>7 7403 0010</b>	R31x70	27.0	75.0	90.0	245.0	13.0	R3/8" female	9.0

Subject to technical change.

Performance data at an operating pressure of 6 bar.

# TECHNICAL DATA

# SYSTEM CONCEPT



Shank with open screw cap



Exhaust guide to the side



Air connection



Type 7 3415 0010

Type 7 3412 0020



Shank with open screw cap



Shank with closed screw cap



D-handle with trigger



## SPADER, CONCRETE BREAKER AND PICK HAMMER

Small but strong, short design with D-handle and screw cap makes this hammer to a valuable tool for all simple work.



PNEUMATIC



OPERATING PRESSURE 6 Bar

ORDER NO.	Shank	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Gewicht
	mm	mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 3415 0010</b>	RS17.5x59	24.0	58.0	0.45	2,990	350.0	15.0	R3/8" female	104.0		4.8

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## SPADERS, CONCRETE BREAKERS AND PICK HAMMERS

Powerful hammers for all medium hard work with different available shank types. Designed with vibration reduced plastic handle. Different tool caps for pointed chisels, flat chisels, spade chisels or broad chisels are available.



PNEUMATIC



OPERATING PRESSURE 6 Bar

ORDER NO.	Shank	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 3412 0010</b>	RS25x75	34.0	112.0	1.10	1,650	470.0	19.0	R3/4" female	104.0	5.0	8.0
<b>7 3412 0020</b>	S22x82.5	34.0	112.0	1.10	1,650	470.0	19.0	R3/4" female	104.0	5.0	8.0

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## SPADER, CONCRETE BREAKER AND PICK HAMMER

Powerful hammer for all medium hard work with safety catch for pointed chisels, flat chisels or broad chisels (based on shank type). Easy handling with closed and vibration reduced D-handle.



PNEUMATIC



OPERATING PRESSURE 6 Bar

ORDER NO.	Shank	Piston dia.	Piston stroke	Luftverbrauch	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 3413 0010</b>	S22x82.5	34.0	112.0	1.10	1,650	470.0	19.0	R3/4" female	105.0	5.0	10.0

Subject to technical change.

Performance data at an operating pressure of 6 bar.

# TECHNICAL DATA

# SYSTEM CONCEPT



Robust design for heavy work



Shank with safety catch



Lever valve with self-reset



Type 7 3414 0010



Type 7 3414 0010

Air connection



Exhaust guide to the side



Rubber lined handle



## SPADERS, CONCRETE BREAKERS AND PICK HAMMERS

These hammers are the right tool to be used for all medium and heavy work. Suited with vibration reduced plastic handle. Different tool caps for pointed chisels, flat chisels, spade chisels or broad chisels are available.



**PNEUMATIC**



**OPERATING PRESSURE** 6 Bar

ORDER NO.	Shank	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 3416 0010</b>	R25x75	36.0	188.0	1.20	800	640.0	19.0	R3/4" female	104.0	5.0	12.8
<b>7 3416 0020</b>	S22x82.5	36.0	188.0	1.20	800	640.0	19.0	R3/4" female	104.0	5.0	12.8

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## SPADER, CONCRETE BREAKER AND PICK HAMMER

The most powerful hammer of the product family is used for all heavy work with T-handle and safety catch.



**PNEUMATIC**



**OPERATING PRESSURE** 6 Bar

ORDER NO.	Shank	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 3414 0010</b>	S22x82.5	46.0	145.0	1.40	1,380.0	600.0	19.0	R3/4" female	108.0		20.0

Subject to technical change.

Performance data at an operating pressure of 6 bar.

# TECHNICAL DATA

# SYSTEM CONCEPT



Cone 10 mm or MT1 shank



Pressure button actuation



Lever valve and air connection



Type 7 8001 0010



Type 7 9011 0010

MT2 shank

Exhaust guide to the side

Air connection



## RAMMERS - SHORT



Short, light weight and compact design of these rammers allows compressing of different materials.

PNEUMATIC



OPERATING PRESSURE 6 Bar

ORDER NO.	Shank	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 8001 0010</b>	Cone 10	16.0	52.0	0.28	2,500	230.0	10.0	R1/4" female	100.0	16.8	1.0
<b>7 8002 0010</b>	MT1	23.0	70.0	0.35	1,900	362.5	10.0	R1/4" female	100.0	13.8	2.5

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## RAMMERS - MEDIUM



The optimum combination of handy and powerful rammers for allrounder work. Different types of rammer foods are available.

PNEUMATIC



OPERATING PRESSURE 6 Bar

ORDER NO.	Shank	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 9011 0010</b>	MT2	26.0	126.0	0.64	1,080.0	565.0	13.0	R3/8" female	100.0	20.4	5.1
<b>7 8301 0010</b>	MT2	26.0	126.0	0.64	1,080.0	737.0	13.0	R3/8" female	100.0	19.0	5.5
<b>7 8311 0020</b>	MT2	26.0	126.0	0.64	1,080.0	962.0	13.0	R3/8" female	100.0	17.6	6.0

Subject to technical change.

Performance data at an operating pressure of 6 bar.

## RAMMER - LONG



Efficient, demanding and powerful rammer for depressing work. The handy design allows easy working.

PNEUMATIC



OPERATING PRESSURE 6 Bar

ORDER NO.	Shank	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m <sup>3</sup> /min	rpm	mm	mm		dB(A)	m/s <sup>2</sup>	kg
<b>7 8415 0020</b>	MT2	32.0	239.0	0.64	670	1,197.0	13.0	R3/8" female	100.0	22.6	9.4

Subject to technical change.

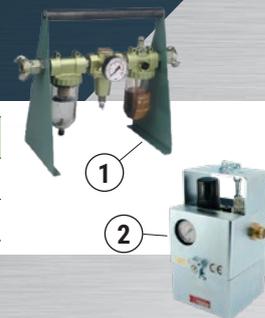
Performance data at an operating pressure of 6 bar.

# TECHNICAL DATA

# SYSTEM ACCESSORIES

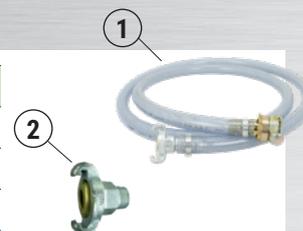
## SERVICE UNITS

ORDER NO.	Pos.	Description
9 2406 0260	1	Portable service unit with pressure regulator 3/4"
9 2406 0650	2	Portable service unit with protection housing and pressure regulator 3/4"



## HOSES AND MORE

ORDER NO.	Pos.	Description
9 3610 0410	1	Pneumatic pressure hose ID 13 mm, 2.5 m length, with screw-on claw coupling
9 3610 0420	1	Pneumatic pressure hose ID 16 mm, 2.5 m length, with screw-on claw coupling
9 3610 0430	1	Pneumatic pressure hose ID 19 mm, 2.5 m length, with screw-on claw coupling
9 2102 0020	2	Claw coupling, metal sealing, 3/4" ID



## MISCELLANEOUS

ORDER NO.	Description
9 9902 0120	Multi oil for cleaning and protection



More accessories on request.

## CONSTRUCTION TOOL-PROGRAM

### NEEDLE SCALERS



### RIVETING AND CHIPPING HAMMERS



### SHEAR HAMMERS



### RAMMERS



### MIXERS



### PALLET EXPANDERS



0622E