SPITZNAS
CUSTOMIZED POWER SOLUTIONS





RIVETING AND CHIPPING HAMMERS



NEEDLE SCALERS
RIVETING AND CHIPPING HAMMERS
PICK HAMMER
SHEAR HAMMERS
COUNTER BRACKETS
RAMMERS
SPADERS, CONCRETE BREAKERS, PICK HAMMERS

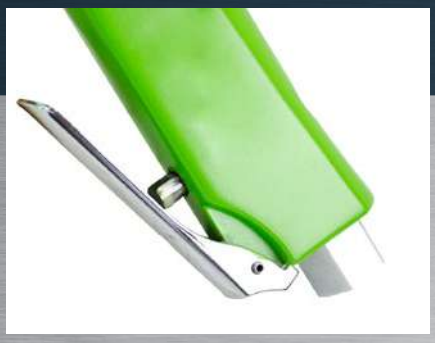
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www.csiadvice.it

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		m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 1501 0010	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		m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 1503 0010	23x3	28.0	9 2508 0020	0.27	4,000	315.0	10.0	R3/8" female	93.0	28.0	2.7
7 1503 0020	53x2	28.0	9 2508 0030	0.27	4,000	315.0	10.0	R3/8" female	93.0	28.0	2.7
7 1504 0010	28x3	28.0	9 2508 0020	0.35	4,500	350.0	10.0	R3/8" female	95.0	17.5	3.5
7 1504 0020	14x4	28.0	9 2508 0040	0.35	4,500	350.0	10.0	R3/8" female	95.0	17.5	3.5
7 1504 0030	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		m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 1505 0010	12x3	22.0	9 2508 0020	0.20	4,000	345.0	10.0	R3/8" female	92.0	15.5	2.4
7 1505 0020	29x2	22.0	9 2508 0030	0.20	4,000	345.0	10.0	R3/8" female	92.0	15.5	2.4
7 1506 0010	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.

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		m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 1301 0010	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.

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 L_{pA}	Vibration level	Weight
	mm		mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 5113 0010	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
7 5113 0020	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
7 5213 0010	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
7 5213 0020	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 L_{pA}	Vibration level	Weight
	mm		mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 5114 0010	R10.3x36	bar-shaped	16.0	30.0	0.32	6,100	172	9.0	R1/4" female	97.0	7.1	0.72
7 5114 0020	S12.5x36	bar-shaped	16.0	30.0	0.32	6,100	172	9.0	R1/4" female	97.0	7.1	0.72
7 5214 0010	R10.3x36	bar-shaped	16.0	45.0	0.32	4,400	193	9.0	R1/4" female	97.0	9.2	0.82
7 5214 0020	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.

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SYSTEM CONCEPT



Shank with spring cap



Exhaust guide to the side



Push-button control

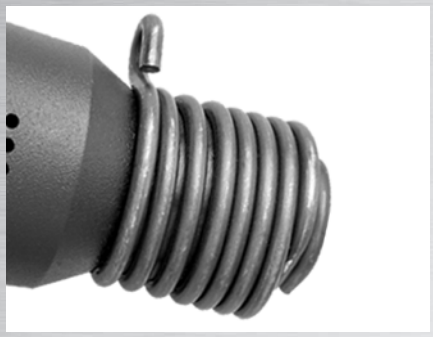


Type 7 5112 0010

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 an 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	Impacts	Length	Hose ID	Air connection	Noise level L_{pA}	Vibration level	Weight
	mm		mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 5112 0010	R10.3x36	pistol	16.0	30.0	0.32	6,100	180.0	9.0	R1/4" female	97.0	7.3	0.68
7 5112 0020	S12.5x36	pistol	16.0	30.0	0.32	6,100	180.0	9.0	R1/4" female	97.0	7.3	0.68
7 5212 0010	R10.3x36	pistol	16.0	45.0	0.32	4,400	188.0	9.0	R1/4" female	98.0	9.6	0.77
7 5212 0020	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	Impacts	Length	Hose ID	Air connection	Noise level L_{pA}	Vibration level	Weight
	mm		mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 5115 0010	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
7 5115 0020	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
7 5215 0010	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
7 5215 0020	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	Impacts	Length	Hose ID	Air connection	Noise level L_{pA}	Vibration level	Weight
	mm		mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 5504 0010	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
7 5504 0020	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
7 5603 0010	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
7 5603 0020	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.

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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	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 5505 0010	RS14.3	closed D	20.0	60.0	0.44	3,200	309.0	10.0	R1/4" female		6.0	3.10
7 5505 0020	R14.3x50	closed D	20.0	60.0	0.44	3,200	309.0	10.0	R1/4" female		6.0	3.10
7 5604 0010	RS14.3	closed D	20.0	90.0	0.50	2,200	358.0	10.0	R1/4" female		9.3	3.40
7 5604 0020	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 Ø cold	for steel rivets Ø warm	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 5708 0010	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
7 5708 0020	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
7 5708 0030	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
7 5708 0050	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
7 5804 0010	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
7 5804 0020	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
7 5804 0030	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
7 5804 0050	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
7 6015 0010	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
7 6015 0020	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
7 6015 0030	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
7 6015 0050	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
7 6108 0010	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
7 6108 0020	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
7 6108 0030	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
7 6108 0050	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
7 6204 0010	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
7 6204 0020	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
7 6204 0030	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
7 6204 0050	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.

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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	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 5709 0010	RS17.5	23.0	54.0	0.54	2,800	338.0	13.0	R3/8" female	100.0	7.75	4.15
7 5709 0030	RS20	23.0	54.0	0.54	2,800	338.0	13.0	R3/8" female	100.0	7.75	4.15
7 5805 0010	RS17.5	23.0	83.0	0.62	2,100	374.0	13.0	R3/8" female	100.0	8.60	4.48
7 5805 0030	RS20	23.0	83.0	0.62	2,100	374.0	13.0	R3/8" female	100.0	8.60	4.48
7 5805 0050	R20x60	23.0	83.0	0.62	2,100	374.0	13.0	R3/8" female	100.0	8.60	4.48
7 6016 0010	RS17.5	30.0	71.5	0.82	3,200	378.0	13.0	R3/8" female	100.0	10.6	6.25
7 6016 0030	RS20	30.0	71.5	0.82	3,200	378.0	13.0	R3/8" female	100.0	10.6	6.25
7 6016 0050	R20x60	30.0	71.5	0.82	3,200	378.0	13.0	R3/8" female	100.0	10.6	6.25
7 6109 0010	RS17.5	30.0	101.5	0.90	1,500	430.0	13.0	R3/8" female	100.0	12.2	6.73
7 6109 0030	RS20	30.0	101.5	0.90	1,500	430.0	13.0	R3/8" female	100.0	12.2	6.73
7 6109 0050	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	m³/min	mrpm	mm	mm		dB(A)	m/s²	kg
7 7104 0010	R23x65	16.0	30.0	197.0	0.60	1,050	555.0	13.0	R3/8" female	100.0	12.2	8.8
7 7304 0010	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
7 7403 0010	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.

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SYSTEM CONCEPT



Shank with open screw cap



Exhaust guide to the side



Air connection

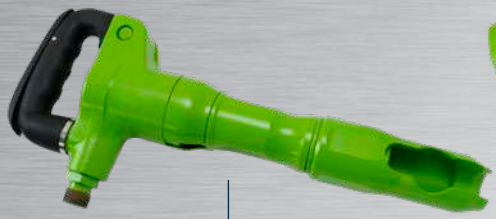


Type 7 3415 0010



Type 7 3412 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 consump-tion	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Gewicht
	mm	mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 3415 0010	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 consump-tion	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 3412 0010	RS25x75	34.0	112.0	1.10	1,650	470.0	19.0	R3/4" female	104.0	5.0	8.0
7 3412 0020	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	Luft-verbrauch	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 3413 0010	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.

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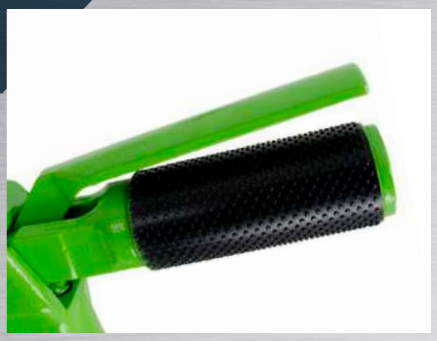
SYSTEM CONCEPT



Robust design for heavy work



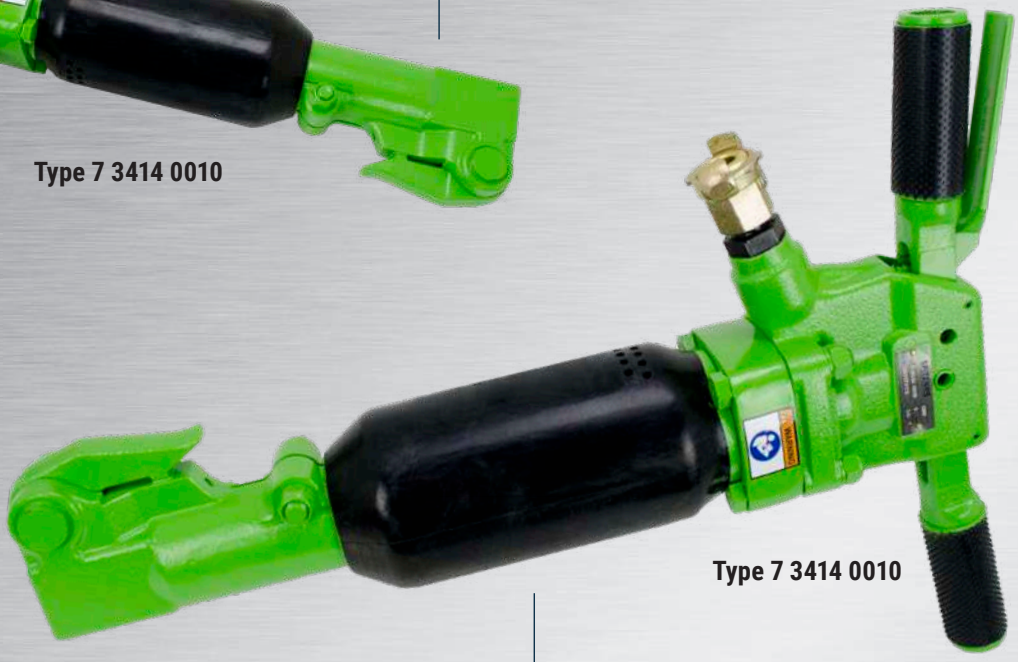
Shank with safety catch



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 consump-tion	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 3416 0010	R25x75	36.0	188.0	1.20	800	640.0	19.0	R3/4" female	104.0	5.0	12.8
7 3416 0020	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 consump-tion	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 3414 0010	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.

CSI srl - Genova

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	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 8001 0010	Cone 10	16.0	52.0	0.28	2,500	230.0	10.0	R1/4" female	100.0	16.8	1.0
7 8002 0010	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	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 9011 0010	MT2	26.0	126.0	0.64	1,080.0	565.0	13.0	R3/8" female	100.0	20.4	5.1
7 8301 0010	MT2	26.0	126.0	0.64	1,080.0	737.0	13.0	R3/8" female	100.0	19.0	5.5
7 8311 0020	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

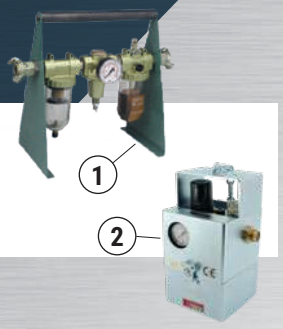
ORDER NO.	Shank	Piston dia.	Piston stroke	Air consumption	Impacts	Length	Hose ID	Air connection	Noise level LpA	Vibration level	Weight
	mm	mm	mm	m³/min	rpm	mm	mm		dB(A)	m/s²	kg
7 8415 0020	MT2	32.0	239.0	0.64	670	1,197.0	13.0	R3/8" female	100.0	22.6	9.4

Subject to technical change. Performance data at an operating pressure of 6 bar.

SYSTEM ACCESSORIES

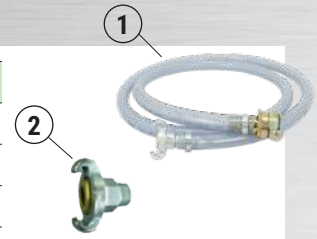
SERVICE UNITS

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













CSI srl

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