

Percussive tools



Chipping hammers, needle pistols

SHV 150

- To remove welding cinder and paint as well as for concrete plastering
- Extremely low vibrations level: 2 m/s^2
- Patented vibration system
- Noise level under 80 dB(A)
- SHV 150 B with blowing function

Needle pistols

- Versatile use for burring, cleaning, separating slag, trimming of castings, roughening, removing of paint
- Easy change of needles with bayonet joint
- Vibration level $\leq 2 \text{ m/s}^2$
- Patented vibration system
- Low air consumption



SHV 150

GNV 19 | GNV 28

Technical data

Type		SHV 150	SHV 150 B	GNV 19	GNV 28	NGV 18
Order No.		35970-00-6	35970-01-6	60000-73-6	60003-89-6	29701-11-6
Valve		lever	lever	lever	lever	lever
Number of blows	per minute	9 000	9 000	6 600	5 500	8 700
Frequency	Hz	150	150	110	91	145
Exhaust air		to the front	to the front	to the front	to the front	to the front
Vibration	m/s^2	2.0	2.0	≤ 2.0	≤ 2.5	3.5
Number of needles		—	—	19	28	18
Needle length	mm	—	—	127	140	125
Needle diameter	mm	—	—	3.2	3.2	3.0
Noise level	dB(A)	76	76	98	99	93
Air consumption	l/sec	1.5	1.5	2.2	2.3	1.6
Machine diameter	mm	40	40	49	49	40
Machine length	mm	210	210	272	290	310
Weight	kg	1.45	1.45	2.40	3.05	1.95
Hose I.D.	mm	6	6	10	10	10
Connection		G 1/4" i	G 1/4" i	G 1/4" i	G 1/4" i	G 1/4" i
Accessories supplied		wrench	wrench	set of needles	set of needles	set of needles

Power and free speed at 6 bar operating pressure. Compressed air quality: oiled.

Accessories | Flat chisels, spare needles

For type		SHV 150 SHV 150 B	GNV 19	GNV 28	NGV 18
Flat chisel, carbide metal equipped	100 × 10 mm	39525606	—	—	—
Flat chisel, carbide metal equipped	100 × 17 mm	39525616	—	—	—
Flat chisel, carbide metal equipped	100 × 36 mm	39525626	—	—	—
Set of spare needles		—	9376918	9376919	9376917



NGV 18

Air riveting hammers, holders

The special ones: 8.8 – 14.1 kg

Economic

The F+K riveting and cutting hammers are of low vibration and silent. Handle bar and cylinder are elastic and connected not force-fit. Additional dampening elements and silencers ensure the hammers to be environment friendly and easy to use tools.

Shearing hammer FK 120.3, FK 141.3

- To shear rivets with shearing chisels and remove the rivet with a knock-out chisel

Riveting hammers

- To set rivets with a riveting header



Technical data

Type		FK 120.3	FK 141.3	G 75
<i>Insert end</i>				
Round	R 23 × 65	526029	—	—
Round	R 31 × 70	—	526059	525651
Illustration		1	1	4
Fitting spring		●	●	—
Closed handle, steel		●	●	—
To shear rivets up to	∅	16	25	—
To set rivets up to	∅	—	—	—
Air consumption	m ³ / min	0.60	0.95	—
Piston diameter	mm	30	30	75
Piston stroke at 6 bar to rivet diameter	mm	—	—	2 650 N / 27
Piston stroke	mm	197	300	90
Length	mm	555	690	245
Weight	kg	8.8	14.1	9.0
Hose I.D.	mm	13	15	13
Connection		G 3/8" i	G 1/2" i	G 3/8" i

Power at 6 bar operating pressure.

Suitable

Riveting headers (set rivets) *see page 162*

Knock-out chisels (remove) *see page 162*

Shearing chisel *see page 162*

Air chisel hammers

The light ones: 0.68 – 1.14 kg

With chisel retaining spring



1



2

High-performance

With a weight starting from 0.68 kg F+K's lightweight chisel hammers are extremely versatile.

- Sensitive, controllable valve
- Recoil absorbing construction
- Sound absorbing exhaust ring
- Easy to maintain

Special solutions available on request.

Technical data

Type		FK 101.1	FK 101.2	FK 101.3	FK 101.4	FK 111.1	FK 111.2	FK 111.3	FK 111.4
Illustration		1	2	3	4	1	2	3	4
Insert end									
Round	R 10.3 × 36	525181	525183	525193	525162	525187	525158	525195	525156
Round hexagon	S 12.5 × 36	525180	525182	525192	525172	525186	525157	525194	525166
Pistol handle		●	—	—	—	●	—	—	—
Straight handle with push button		—	●	—	—	—	●	—	—
Straight handle with lever valve		—	—	●	—	—	—	●	—
Open handle with aluminium		—	—	—	●	—	—	—	●
Number of blows	per minute	6 100	6 100	6 100	6 100	4 400	4 400	4 400	4 400
Air consumption	m ³ / min	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
Piston diameter	mm	16	16	16	16	16	16	16	16
Piston stroke	mm	30	30	30	30	45	45	45	45
Length	mm	180	172	162	214	188	194	193	236
Weight	kg	0.68	0.77	0.72	1.04	0.77	0.80	0.82	1.14
Hose I. D.	mm	8	8	8	8	8	8	8	8
Connection		G 1/4" i	G 1/4" i	G 1/4" i	G 1/4" i	G 1/4" i	G 1/4" i	G 1/4" i	G 1/4" i

Power at 6 bar operating pressure.



3



4



Accessories

Retainer spring	304/7806
Retainer spring (for broad chisels 40 mm +)	304/7807
O-ring	307/2076

Air chisel hammers

The light ones: 1.3 – 3.4 kg

With chisel retaining spring



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2

Anti vibration

F+K chisel hammers FK 102 G / FK 103 G convinces by its high ergonomics. The load by vibrations is reduced up to 60 %. With a sensible relieve of the wrists and elbows of the user.

Technical data

Type		FK 102.4	FK 102.5	FK 102.G	FK 103.4	FK 103.5	FK 103.G	M 13	M 23
Illustration		1	2	1	1	2	1	see Set	see Set
<i>Insert end</i>									
Round	R 14,3 × 50	5251530	5251260	—	5251630	5251290	5251460	33600-10-5	33750-10-5
Round hexagon (hex × 50)	RS 12,5 × 10,5 × 50	—	—	—	—	—	—	33600-20-5	33750-20-5
Round hexagon (hex × 50)	RS 14,3 × 12,5 × 50	5251531	5251261	5251411	5251631	5251291	5251461	33600-30-5	33750-30-5
Open handle with aluminium		●	—	●	●	—	●	●	●
Closed handle, steel		—	●	—	—	●	—	—	—
Number of blows	per minute	3 200	3 200	3 100	2 200	2 200	2 300	4 400	2 700
Air consumption	m ³ / min	0.42	0.42	0.42	0.46	0.42	0.42	0.30	0.33
Piston diameter	mm	20	20	20	20	20	20	20	20.5
Piston stroke	mm	60	60	60	90	90	60	40	40
Length	mm	290	310	315	335	358	365	200	205
Weight	kg	1,80	3,10	2.40	2.10	3.40	2.60	1.30	2.30
Hose I. D.	mm	10	10	10	10	10	10	10	10
Connection		G 1/4 " i	G 1/4 " i	G 1/4 " i	G 1/4 " i	G 1/4 " i	G 1/4 " i	G 1/4 " i	G 1/4 " i

Power at 6 bar operating pressure.

Chisel hammer sets

M 13 RS 14,3	33620-30-5
M 23 RS 14,3	33760-30-5
FK 102.4 RS 14,3	33760-80-6



Chisel hammer set FK 102.4



Chisel hammer set M 13 / M 23

Accessories

Retainer spring	FK 102 FK 103	304/7803
	FK 102 G FK 103 G	304/7804
	M 13 M 23	33756016
Retainer spring (for broad chisels 40 mm +)	FK 102 FK 103	304/7804
	M 13 M 23	33756026
O-ring	FK 102 FK 103	307/2079
	FK 102 G FK 103 G	307/2079
	M 13 M 23	9319038

Air lance hammer

Special length up to 4 m



MDLZH 640

The model MDLZH is manufactured upon request in a length from 1 to 4 m and used mainly in foundries. Equipped with a metal silencer it is suitable for a use in a temperature up to 400°C. Hammer and lance are made of steel. It is an economic alternative to replace hammers with a weight of 10-12 kg with chisels of 2-3m length. Though the hammer has a weight of only 4 kg, the efficiency is better than of a conventional hammer with a long chisel because the power of the hammer has a direct effect on a short chisel. The chisel insert dimension is hex 19 × 50 mm.

Technical data

Type		MDLZH 640	MDLZH 680	MDLZH 710
Order No.		60029-84-6	60029-85-6	60029-86-6
Insert end		S 19 × 50	S 19 × 50	S 19 × 50
Handle		●	●	●
Number of blows	min ⁻¹	3 500	3 500	3 500
Air consumption	l / sec	7.8	7.8	7.8
Piston diameter	mm	22	22	22
Piston stroke	mm	58	58	58
Vibration	m / s ²	4.8	4.8	4.8
Noise level	dB(A)	103	103	103
Length	mm	800	950	1 100
Weight	kg	6.4	6.8	7.1
Connection thread		G 3/4 "	G 3/4 "	G 3/4 "

Power at 6 bar operating pressure.

Further areas of applications

Removal of interior, exterior and decorating plaster, tiles in mortar bed, removal of old flooring and glue, breaking up walls, concrete and screed, renovation of concrete and stone walls, industrial cleaning work.

Air chisel hammers

The powerful ones: 4.1 – 7.9 kg

Sound absorbing

The silencer makes the quality chisel hammers of the middleweight class audibly more quiet. By turning the exhaust air can be led in the most favorable direction. The vibration dampening connection between cylinder and hand grip sensitively relieves the hand-arm system of the user.

Easy to maintain

The construction principle applied to the essentials makes service easier. Consequent use of tested materials enlarges the life time and lowers costs. Maintenance costs and downtimes are reduced.



1

Technical data

Type		FK 3.3	FK 4.3	FK 5.3	FK 6.3
Illustration		1	1	1	1
Insert end					
Round	R 17,5 × 60	5260532	5260542	5260552	5260562
Round	R 20 × 60	5260534	5260544	5260554	5260564
Round hexagon	RS 17.5 × 14.8 × 60	5260531	5260541	5260551	5260561
Round hexagon	RS 20 × 17 × 60	5260533	5260543	5260553	5260563
Conical	SK 20-12	526053	526054	526055	526056
Retaining spring		●	●	●	●
Closed handle, steel		●	●	●	●
Number of blows	per minute	2 100	3 200	1 500	1 200
Air consumption	m ³ / min	0.62	0.82	0.90	0.70
Piston diameter	mm	23	30	30	30
Piston stroke	mm	83	72	102	137
Length	mm	345	365	415	406
Weight	kg	4.10	6.30	6.90	7.90
Hose I. D.	mm	13	13	13	13
Connection		G 3/8" i	G 3/8" i	G 3/8" i	G 3/8" i

Power at 6 bar operating pressure.



Accessories

Retainer spring	FK 3.3	304/7183
	FK 4.3 FK 5.3 FK 6.3	304/7801

Air chisel hammers

The powerful ones: 4.15 – 6.70 kg

DR 5

With vibration dampening system
(vibration value 2.71 m/s²)



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Technical data

Type		FK 2	FK 3	FK 4	FK 5	S 5700	DR 5 F	DR 5 SK
Illustration		1	1	1	1	2	3	—
Insert end								
Round	R 17.5 × 60	5259082	5259092	5259292	5259392	—	—	—
Round	R 20.0 × 60	5259084	5259094	5259294	5259394	35700505	—	—
Round hexagon	RS 17.5 × 14,8 × 60	5259081	5259091	5259291	5259391	—	* 5251011	5251021
Round hexagon	RS 20 × 17 × 60	5259083	5259093	5259293	5259393	35700705	* 5251013	—
Conical	SK 20-12	—	—	—	—	—	—	—
Screw cap		●	●	●	●	●	—	●
Closed handle, steel		●	●	●	●	●	●	●
Number of blows	per minute	2 800	2 100	3 200	1 500	2 000	2 000	2 000
Air consumption	m ³ / min	0.54	0.62	0.82	0.90	0.65	0.70	0.70
Piston diameter	mm	23	23	30	30	30	25	25
Piston stroke	mm	54	83	71	101	90	132	132
Length	mm	338	374	378	430	410	430	430
Weight	kg	4.15	4.48	6.25	6.73	6.70	5.80	5.80
Hose l. D.	mm	13	13	13	13	13	10	10
Connection		G 3/8" i	G 3/8" i	G 3/8" i	G 3/8" i	G 3/8" i	G 3/8" i	G 3/8" i
Power at 6 bar operating pressure.						* With retaining spring		

Accessories



Retainer ring	S 5700	36104-02-6
	FK 2 FK 3 FK 4 FK 5	307/2114

Silent, light, quiet running

F+K Euro hammers are indispensable when it comes up to challenging demolition works on construction sites. Optimized power-weight ratio, noise and vibration levels and the ergonomic hand grips ensure an easy working without a quick physical fatigue.

Versions

- with silencer
- without silencer
- with guided exhaust air

Air Euro hammers

The strong ones: 8.8 – 12.0 kg



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2

Technical data

Type		FK 2008 R 10	FK 2008.11	FK 2008 R 11	FK 2008 R 12	FK 2008 R 31	FK 2008 R 41	FK 2008 R 71
Illustration		1	2	2	4	3	3	2
Insert end								
Round	R 25 × 75	52640710	52640211	52640711	52640712	52640731	—	—
Hexagon	S 22 × 82.5	—	—	—	—	—	52640741	52640771
Closed handle		●	●	●	●	●	●	●
Screw cap		●	●	●	●	—	—	●
Catch		—	—	—	—	●	●	—
Silencer		—	●	●	●	●	●	●
Sleeve valve guide		●	—	●	●	●	●	●
Guided exhaust air		—	—	—	●	—	—	—
Number of blows	min ⁻¹	1700	1700	1700	1700	1700	1700	1700
Air consumption	m ³ / min	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Piston diameter	mm	35	37	35	35	35	35	35
Piston stroke	mm	117	98	117	117	117	117	117
Length	mm	520	515	520	520	520	520	520
Weight	kg	9.9	8.8	10.3	12.4	12.1	11.9	10.3
Hose I. D.	mm	19	19	19	19	19	19	19
Connection external thread		G 3/4 "	G 3/4 "	G 3/4 "	G 3/4 "	G 3/4 "	G 3/4 "	G 3/4 "

Power at 6 bar operating pressure.



Accessories

Lubrication ampul	307/1655
Ring for threaded cap	307/2043

Air Euro hammers

The strong ones: 12.0 – 14.0 kg



3

4

Technical data

Type		FK 2012 R 10	FK 2012 R 11	FK 2012 R 12	FK 2012 R 30	FK 2012 R 31
Illustration		1	2	4	3	3
Insert end						
Round	R 25 × 75	52642010	52642011	52642012	52642030	52642031
Closed handle		●	●	●	●	●
Screw cap		●	●	●	—	—
Catch		—	—	—	●	●
Silencer		—	●	●	—	●
Sleeve valve guide		●	●	●	●	●
Guided exhaust air		—	—	●	—	—
Number of blows	min ⁻¹	1 200	1 200	1 200	1 200	1 200
Air consumption	m ³ / min	1.10	1.10	1.10	1.10	1.10
Piston diameter	mm	35	35	35	35	35
Piston stroke	mm	150	150	150	150	150
Length	mm	575	575	575	575	580
Weight	kg	12.0	12.8	14.0	13.0	13.8
Hose I. D.	mm	19	19	19	19	19
Connection external thread		G 3/4 "	G 3/4 "	G 3/4 "	G 3/4 "	G 3/4 "

Power at 6 bar operating pressure.



Accessories

Lubrication ampul	307/1655
Ring for threaded cap	307/2043

Air Euro hammers

The strong ones: 13.0 – 14.8 kg



Technical data

Type		FK 2012 R 41	FK 2012.42	FK 2012 R 61	FK 2012 R 81
Illustration		1	2	3	3
Insert end					
Round	R 25 × 75	—	—	52642061	—
Hexagon	S 22 × 82.5	52642041	52641042	—	52642081
Closed handle		●	●	—	—
Double handle		—	—	●	●
Screw cap		—	—	—	●
Catch		●	●	●	—
Silencer		●	●	●	●
Sleeve valve guide		●	—	●	●
Guided exhaust air		—	●	—	—
Number of blows	min ⁻¹	1 200	1 200	1 200	1 200
Air consumption	m ³ /min	1.10	1.10	1.10	1.10
Piston diameter	mm	35	37	35	35
Piston stroke	mm	150	150	150	150
Length	mm	580	580	555	555
Weight	kg	13.8	14.8	14.8	14.8
Hose I. D.	mm	19	19	19	19
Connection external thread		G 3/4 "	G 3/4 "	G 3/4 "	G 3/4 "

Power at 6 bar operating pressure.



Accessories

Lubrication ampul	307/1655
Ring for threaded cap	307/2043

Air Euro hammers

The strong ones: 13.6 – 17.0 kg



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3



4

Technical data

Type		FK 2015.10	FK 2015 R 10	FK 2015 R 11	FK 2015 R 21	FK 2015 R 31	FK 2015 R 71
Illustration		1	1	2	4	3	2
Insert end							
Round	R 25 × 75	52641110	52642110	52642111	—	52642131	—
Hexagon	S 22 × 82.5	—	—	—	52642121	—	52642171
Closed handle		●	●	●	—	●	●
Double handle		—	—	—	●	—	—
Screw cap		●	●	●	—	—	●
Catch		—	—	—	●	●	—
Silencer		—	—	●	●	●	●
Sleeve valve guide		—	●	●	●	●	●
Number of blows	per minute	830	830	830	830	830	830
Air consumption	m ³ / min	1.15	1.15	1.15	1.15	1.15	1.15
Piston diameter	mm	37	37	37	37	37	37
Piston stroke	mm	235	235	235	235	235	235
Length	mm	686	686	686	665	686	686
Weight	kg	13.6	15.0	15.5	17.0	16.5	15.8
Hose I. D.	mm	19	19	19	19	19	19
Connection external thread		G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"

Power at 6 bar operating pressure.



Accessories

Lubrication ampul	307/1655
Ring for threaded cap	307/2043

- T-handle (vibration dampened)
available upon request

Air Euro hammers

The strong ones: 19.2 – 25.0 kg



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2

Technical data

Type		FK 2020 R 50	FK 2020 R 51	FK 2020.61	FK 2020 R 91	FK 2020 R 94
Illustration		—	1	2	2	2
Insert end						
Round	R 25 × 75	52642250	52642251	52641261	—	—
Hexagon	S 25 × 108	—	—	—	52642291	52642294
Double handle		●	●	●	●	●
Screw cap		●	●	—	—	—
Catch		—	—	●	●	●
Silencer		—	●	●	●	●
Sleeve valve guide		●	●	—	●	●
Anti vibration with silencer		—	—	—	—	●
Number of blows	per minute	860	860	860	860	860
Air consumption	m ³ / min	1.20	1.20	1.20	1.00	1.00
Piston diameter	mm	40	40	40	40	40
Piston stroke	mm	225	225	225	225	225
Length	mm	665	665	665	730	665
Weight	kg	19.2	20.2	20.0	25.0	25.0
Hose I. D.	mm	19	19	19	19	19
Connection external thread		G 3/4 "	G 3/4 "	G 3/4 "	G 3/4 "	G 3/4 "

Power at 6 bar operating pressure.



Accessories

Lubrication ampul	307/1655
Ring for threaded cap	307/2043

Air rammers

The reliable ones: 1.0 – 5.0 kg

High performance

The anti vibration system of the F+K rammers (2.1 m/s²) ensures a sensitively relieve of the hands and arms of the user.

- With round or guided rod piston, polygon or square
- With safety lever valve
- Sound absorbing exhaust ring
- Turning air connection
- With short or long version
- Optional with silencer for models ST 2 to ST 20
- Versions polygon and square: prevents the rod from turning



Technical data

Type		ST 03 R	ST 02 R	ST 02 V	ST 1 R 2	ST 1 P 2
Order No.		525485	525042	525043	5261112	5261122
Illustration		1	2	2	3	3
Piston form		round	round	square	round	polygon
Morse taper	1	metr. 10	●	●	—	—
Morse taper	2	—	—	—	●	●
Lever valve hood		push button	●	●	●	●
Number of blows	per minute	2 500	1 900	1 900	900	900
Air consumption	m ³ / min	0.20	0.40	0.40	0.50	0.50
Piston diameter	mm	16	23	23	26	26
Piston stroke	mm	40	70	70	125	125
Length total	mm	230	365	365	515	515
Weight	kg	1.0	2.5	2.5	5.0	5.0
Hose I. D.	mm	10	10	10	10	10
Connection		G 1/4 " i	G 1/4 " i	G 1/4 " i	G 1/4 " i	G 1/4 " i
Butt max.	kg	0,30	0,75	0,75	0,85	0,85

Power at 6 bar operating pressure.

Suitable ramming feet *see page 148*

Air rammers

The reliable ones: 3.9 – 9.4 kg



Technical data

Type		S 5100 with valve hood	S 5100 with short lever valve	S 5100 with long lever valve	S 5401 with short lever valve	S 5401 with long lever valve
Order No.		35100205	35100305	35100405	35400215	35400315
Illustration		1	2	3	2	3
Piston form		square	square	square	square	square
Morse taper	1	●	●	●	—	—
Morse taper	2	—	—	—	●	●
Lever valve hood		●	—	—	—	—
Lever valve short		—	●	—	●	—
Lever valve long		—	—	●	—	●
Number of blows	per minute	720	720	720	680	680
Air consumption	m ³ / min	0.40	0.40	0.40	0.70	0.70
Piston diameter	mm	22.50	22.50	22.50	36.00	36.00
Piston stroke	mm	155	155	155	175	175
Length total	mm	530	700	1260	840	1 080
Weight	kg	3.90	4.65	5.50	8.80	9.40
Hose I. D.	mm	10	10	10	13	13
Connection		G 1/4 " i	G 1/4 " i	G 1/4 " i	G 3/8 " i	G 3/8 " i
Butt max.	kg	0.75	0.75	0.75	1.80	1.80

Power at 6 bar operating pressure.

Suitable ramming feet *see page 148*

Air rammers

The reliable ones: 5.2 – 5.6 kg



1

Vibration dampener

Technical data

Type		ST 1 AR 2	ST 1 AP 2	ST 1 AR 1	ST 1 AP 1	ST 1 AP 1 G	ST 2 P 1 G	ST 2 R 1 G
Order No.		5261132	5261142	5261131	5261141	5260081	5261531	5261541
Illustration		1	1	1	1	1	1	1
Piston form		round	polygon	round	polygon	polygon	polygon	round
Morse taper	2	●	●	●	●	●	●	●
Lever valve short		●	●	—	—	—	—	—
Lever valve long		—	—	●	●	●	●	●
Number of blows	per minute	900	900	900	900	900	800	800
Air consumption	m ³ / min	0.50	0.50	0.50	0.50	0.50	0.65	0.65
Piston diameter	mm	26	26	26	26	26	32	32
Piston stroke	mm	125	125	125	125	125	180	180
Length total	mm	665	665	915	915	900	1 080	1 080
Weight	kg	5.2	5.2	5.6	5.6	8.7	12.7	12.7
Hose I. D.	mm	10	10	10	10	13	13	13
Connection		G 3/8 " i	G 3/8 " i	G 3/8 " i	G 3/8 " i	G 3/8 " i	G 3/8 " i	G 3/8 " i
Butt max.	kg	0.85	0.85	0.85	0.85	0.85	1.80	1.80

Power at 6 bar operating pressure.

Accessories

Vibration dampener (for rammers ST 1 AP / AR and ST 2 – 20)	52 / 2270
Reduction (for rammers ST 1 AP / AR)	306 / 0218

Vibration dampener for setup change

- Reduces the vibration load up to 50 %
- Example ST 2 R 1:
without dampening system 25.2 m / s²
with dampening system 9.8 m / s²

Suitable ramming feet *see page 148*

Air rammers

The reliable ones: 8.8 – 12.5 kg



1



2

Technical data

Type		ST 2 R 1	ST 2 R 5	ST 2 P 1	ST 2 P 5	ST 20 R 1	ST 20 P 1	ST 38 P
Order No.		5261151	5261155	5261161	5261165	5261171	5261181	525490
Illustration		1	2	1	2	1	1	1
Piston form		round	round	polygon	polygon	round	polygon	polygon
Morse taper	2	●	●	●	●	●	●	●
Lever valve long		●	●	●	●	●	●	●
Silencer		—	●	—	●	—	—	—
Number of blows	per minute	800	800	800	800	800	800	750
Air consumption	m ³ / min	0.65	0.65	0.65	0.65	0.65	0.65	0.75
Piston diameter	mm	32	32	32	32	32	32	38
Piston stroke	mm	180	180	180	180	180	180	215
Length total	mm	1 190	1 190	1 190	1 190	1 190	1 190	1 340
Weight	kg	8.8	8.8	8.8	8.8	9.4	9.4	12.5
Hose I. D.	mm	10	10	10	10	10	10	13
Connection		G 3/8 " i	G 3/8 " i	G 3/8 " i	G 3/8 " i	G 3/8 " i	G 3/8 " i	G 3/8 " i
Butt max.	kg	1.80	1.80	1.80	1.80	1.80	1.80	3.0

Power at 6 bar operating pressure.

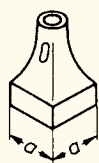
Suitable ramming feet *see page 148*

Accessories

Ramming feet



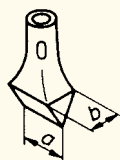
	Steel	Solid rubber	Morse taper cm	Dimension mm	Weight kg	Order No.
Round						
	●	—	Metr. 10	30	0.15	527183
	●	—	1	40	0.20	529010
	●	—	1	60	0.50	39710006
	●	—	2	40	0.30	529210
	●	—	2	60	0.57	529230
	●	—	2	80	0.85	39720006
teethed	●	—	2	80	1.10	30592571
	—	●	1	40	0.36	39715006
	—	●	1	50	0.56	30590203
	—	●	1	60	0.60	30590303
	—	●	1	75	0.70	30590403
	—	●	2	40	0.30	30592103
	—	●	2	60	0.57	39725006
	—	●	2	75	0.68	39725016



Quadratic						
	●	—	1	40 × 40	0.24	529014
	●	—	1	60 × 60	0.43	39711006
	—	●	1	80 × 80	0.60	39716006
	●	—	2	40 × 40	0.60	529214
	●	—	2	60 × 60	0.69	529234
	●	—	2	80 × 80	0.85	39721006
	●	—	2	100 × 100	1.50	39721016
	—	●	2	80 × 80	0.70	39726006



Square						
	●	—	1	60 × 20	0.25	529060
	●	—	2	60 × 20	0.75	39722006
	●	—	2	70 × 15	0.80	529241
	●	—	2	75 × 50	0.78	39723006
teethed	●	—	2	80 × 33	0.75	529236
	—	●	1	50 × 25	0.45	39717016
	—	●	1	75 × 25	0.50	30590423
	—	●	1	75 × 45	0.53	39717006
	—	●	2	90 × 25	0.41	30592223
	—	●	2	75 × 25	0.50	30592423
	—	●	2	75 × 45	0.53	39727006



Wedge						
	—	●	1	50 × 50	0.42	39718006
	—	●	1	70 × 50	0.50	39718016
	—	●	2	50 × 50	0.36	39728006
	—	●	2	70 × 50	0.44	39728016

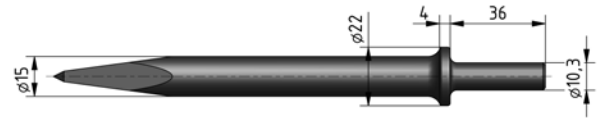
Wedge form (special model)						
	●	—	10	30	0.11	527183
	●	—	10	40 × 40	0.11	527190
	●	—	2	200	0.80	5292920
	●	—	2	450	1.20	5292922
	●	—	2	800	1.70	5292924

Accessories

MD chisels for air hammers

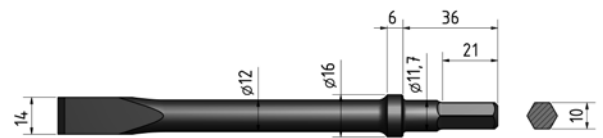
Insert end Chisel	Effect. length mm	Cutting width mm	Order No.
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Round 10.3 × 36



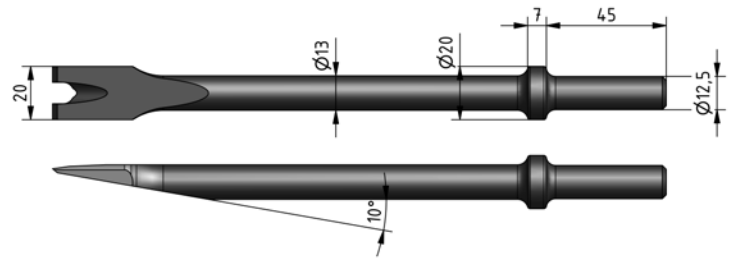
Pointed chisel	150	—	39500356
Flat chisel	125	15	30522010
	150	15	39500406
	195	15	30522011
	250	15	30522012
Blank, unhardened	125	—	30522000

Round hex. 11.7 × 10 × 36



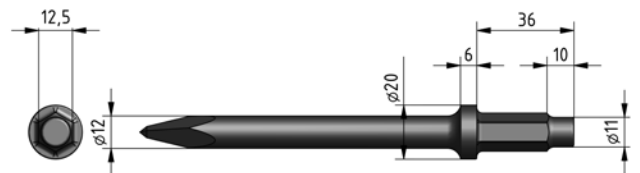
Flat chisel	125	14	39500456
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Round 12.5 × 45 Weld point chisel



Flat chisel	180	20	39502606
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Hex. 12.5 × 36



Pointed chisel	125	—	39502356
	200	—	30588051
Flat chisel	125	10	60023733
	125	15	39502406
	195	15	39502416
	250	15	39502426
	350	15	30588077
Broad chisel	125	40	30588040
Blank, unhardened	115	—	39502306

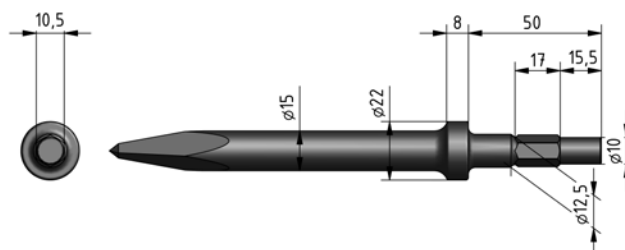
Hex. 12.5 × 36 Sleeve Ø 10 mm

Pointed chisel	250	—	39502366
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Accessories

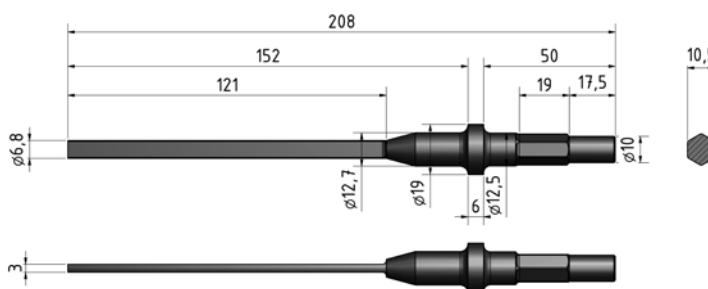
MD chisels for air hammers

Insert end Chisel	Effect. length mm	Cutting width mm	Order No.
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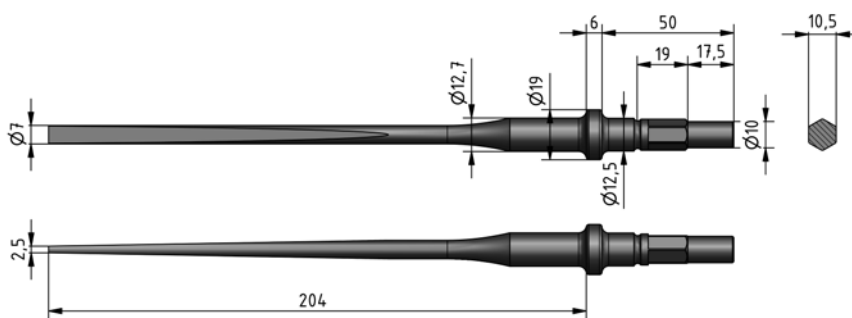
Round 12.5 × 10.5
Hex. 10 × 50

Pointed chisel	135	—	39501356
Flat chisel	135	15	39501406
	145	20	39500056
	200	15	39501426
Blank, unhardened	135	—	39501306



Round 12.5 × 10.5
Hex. 10 × 50

Flat chisel	150	6,8	60018563
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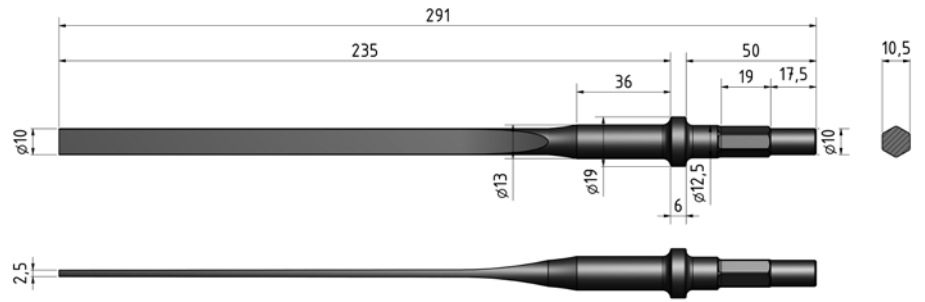
Round 12.5 × 10.5
Hex. 10 × 50

Flat chisel	204	7	29944223
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Accessories

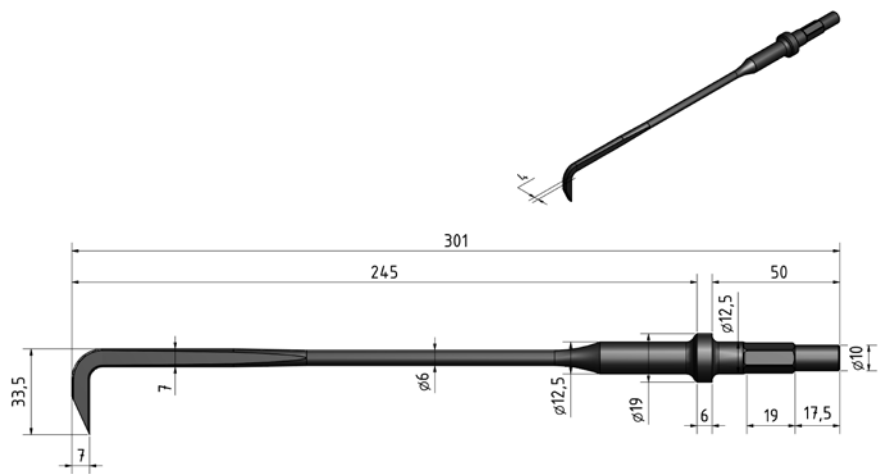
MD chisels for air hammers

Insert end Chisel	Effect. length mm	Cutting width mm	Order No.
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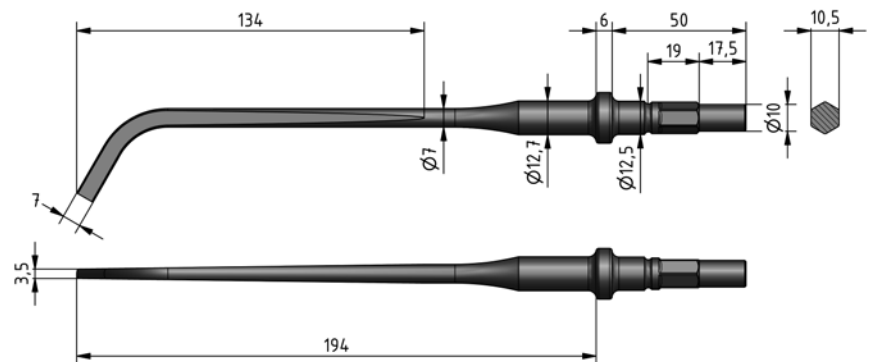
Round 12.5 × 10.5
Hex. 10 × 50

Flat chisel	235	10	60027663
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Round 12.5 × 10.5
Hex. 10 × 50

Curved chisel	300	—	60028483
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Round 12.5 × 10.5
Hex. 10 × 50

Curved chisel	194	—	29944203
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Accessories

MD chisels for air hammers

Insert end	Effect. length mm	Cutting width mm	Order No.
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Chisel			
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Round 12.5 × 10.5
Hex. 10 × 50

Curved chisel	184	—	29944213
---------------	-----	---	----------

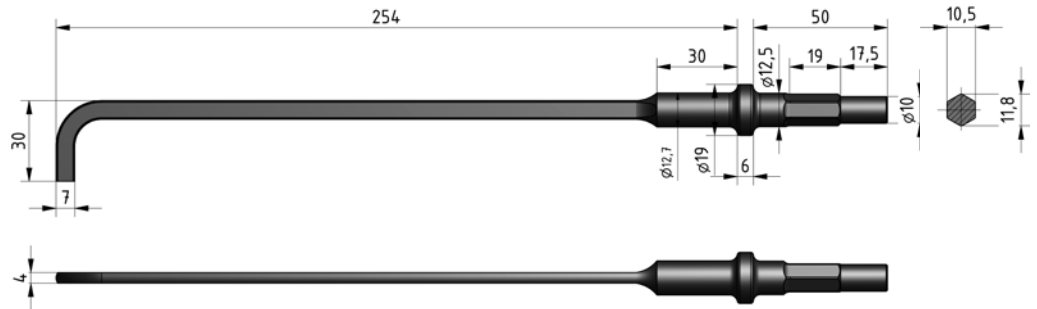
Round 12.5 × 10.5
Hex. 10 × 50

Curved chisel	159	—	29944233
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Accessories

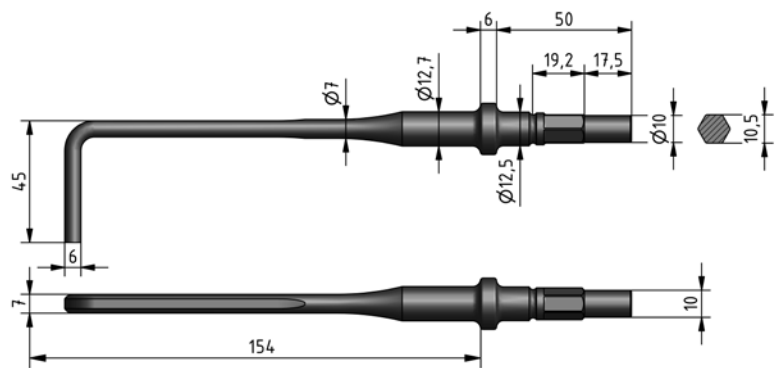
MD chisels for air hammers

Insert end Chisel	Effect. length mm	Cutting width mm	Order No.
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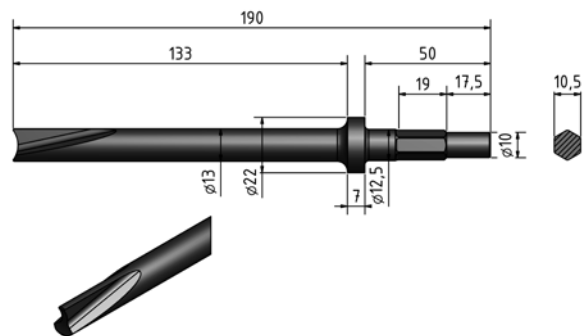
Round 12.5 × 10.5
Hex. 10 × 50

Curved chisel	254	—	60028563
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Round 12.5 × 10.5
Hex. 10 × 50

Curved chisel	154	—	29944243
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Round 12.5 × 10.5
Hex. 10 × 50
Sheet metal cutting chisel

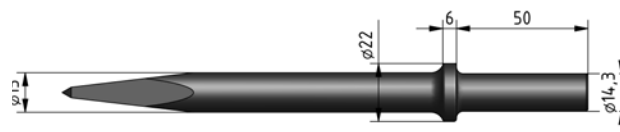
Chisel	133	—	60028473
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Accessories

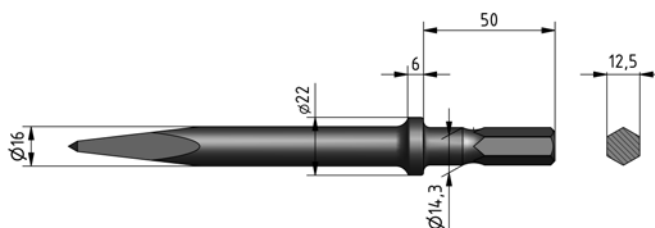
MD chisels for air hammers

Insert end Chisel	Effect. length mm	Cutting width mm	Order No.
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Round 14.3 × 50



Pointed chisel	150	—	39503356
	250	—	30523052
Flat chisel	135	20	30523010
	150	15	39503406
	230	20	39502616
	250	15	39503426
Blank, unhardened	150	—	39503306
	200	—	39503316
	250	—	39503326



Round hex. 14.3 × 12.5 × 50

Pointed chisel	135	—	39504356
	200	—	39504366
	250	—	30589052
	450	—	30589056
Flat chisel	135	15	39504406
	135	20	30589010
	200	15	39504416
	200	20	30589011
	250	20	30589012
	300	30	60020713
	350	18	39500106
	400	20	30589044
	450	16	60021153
	450	20	30589045
	500	20	30589150
	600	25	39500156
	800	20	30589151
	1000	20	39504436
Broad chisel	135	30	30589020
	180	40	39504506
	180	60	30589060
	200	30 / 35	60016973
	400	35	60020663
Blank, unhardened	135	—	39504306
	150	—	30589000
	200	—	39504316
	450	—	39504326

Accessories

MD chisels for air hammers

Insert end Chisel	Effect. length mm	Cutting width mm	Order No.
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Round hex. 14.3 × 12.5 × 50

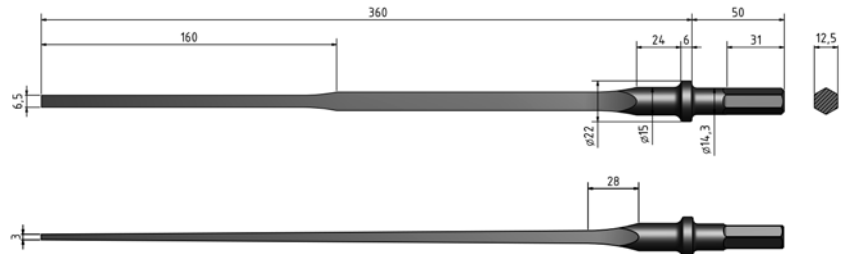
Sleeve Ø 8 mm

Pointed chisel	450	—	60026483
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Round hex. 14.3 × 12.5 × 50

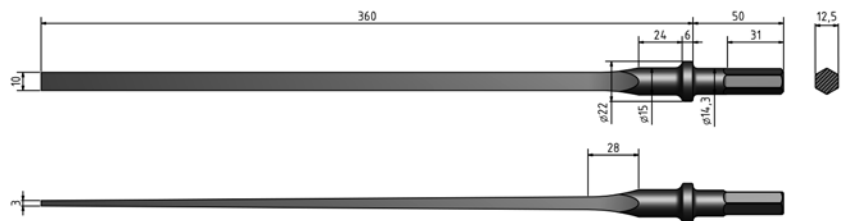
Sleeve Ø 10 mm

Pointed chisel	200	—	60020723
	450	—	60026493



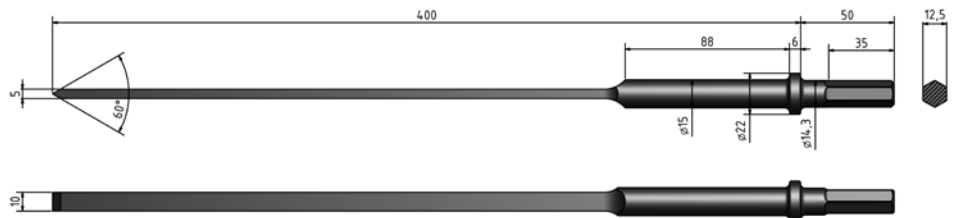
Round hex. 14.3 × 12.5 × 50

Flat chisel	360	6,5	60020683
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Round hex. 14.3 × 12.5 × 50

Flat chisel	360	10	60020693
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Round hex. 14.3 × 12.5 × 50

Flat chisel	400	10	60021143
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Accessories

MD chisels for air hammers

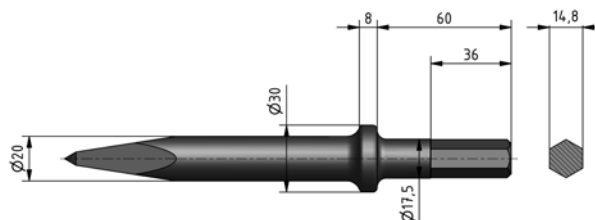
Insert end Chisel	Effect. length mm	Cutting width mm	Order No.
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Round hex. 17.3 × 14.8 × 60



Pointed chisel	250	—	60025903
	350	—	60025913
Flat chisel	250	25	60025943
	350	25	60025953
	560	25	60025963
	1 000	25	60025973

Round hex. 17.5 × 14.8 × 60



Pointed chisel	140	—	39506356
	190	—	39506366
	260	—	39506376
	350	—	30527053
	450	—	30527054
	700	—	30527057
	750	—	30527056
	1 000	—	30527058
	1 500	—	30527059
Flat chisel	140	20	39506406
	190	20	39506416
	200	30	39506436
	260	20	39506426
	260	30	30527011
	350	30	30527013
	450	30	30527014
	600	30	30527015
	750	30	30527016
	1 000	25	30527017
	1 500	25	30527019
2 000	25	30527020	
Broad chisel	200	60	30527042
	210	95	39506456
Blank, unhardened	240	—	30527001
	250	—	39506326

AIR CHISEL HAMMERS

MATCHING AND POWERFUL



**YOU NEED TAILOR MADE SOLUTIONS?
WE MANUFACTURE "YOUR HAMMER",
PRECISELY AND QUICK!**



Accessories

MD chisels for air hammers

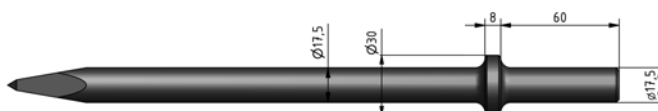
Insert end	Effect. length	Cutting width	Order No.
Chisel	mm	mm	

Round 17.5 × 60 | without sleeve



Flat chisel	440	30	39521436
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Round 17.5 × 60



Pointed chisel	250	—	30526051
	450	—	30526054
Flat chisel	250	25	30526011
	260	20	39505406
	600	25	39505416
	750	25	30526016
Broad chisel	210	40	30526021
Blank	250	—	39505306

Hex. 19 × 50



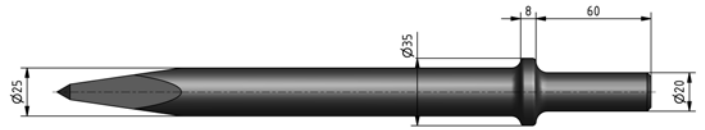
Pointed chisel	250	—	39519-54-6
	350	—	39519-55-6
	450	—	39519-56-6
	600	—	39519-60-6
Flat chisel	250	25	39519-57-6
	350	25	39519-58-6
	450	25	39519-59-5

Accessories

MD chisels for air hammers

Insert end Chisel	Effect. length mm	Cutting width mm	Order No.
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Round 20 x 60



Pointed chisel	250	—	30528051	
	350	—	39507356	
	350	Shaft 20/24	39507306	
	450	—	39507366	
	750	—	39507376	
	1 000	—	39507386	
	1 500	—	39507456	
	2 000	—	39507486	
Flat chisel	250	25	30528011	
	450	20	30528014	
	750	25	39507406	
	750	Sleeve 34	30	39507616
	1 000	Sleeve 30	35	60027473
	1 500	Sleeve 35	25	39507396



SK 20-12



Flat chisel	170	30	39525406
	250	30	39525416
	350	30	30512013
	450	30	39525426
	750	30	30512016
	1 000	30	30512017
	1 500	30	30512019

Accessories

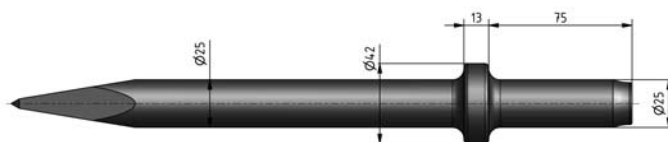
MD chisels for air hammers

Insert end Chisel	Effect. length mm	Cutting width mm	Order No.
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Round hex. 20 × 17 × 60

Pointed chisel	250	—	30529051
	350	—	39508356
	450	—	39508366
	750	—	39508376
	1 000	—	30529057
Flat chisel	250	30	30529011
	350	23	39508406
	350	30	30529013
	450	23	39508416
	450	30	30529014
	500	30	39508436
	600	30	39508426
	750	30	30529016
	1 000	30	30529017
	1 250	30	30529018
Broad chisel	1 600	30	39508516
	210	60	30529042
	750	90	30529046



Round 25 × 75

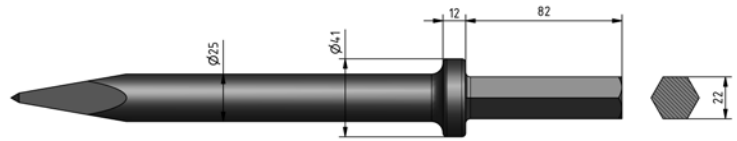
Pointed chisel	350	—	39509356	
	450	—	39509366	
	500	—	39509376	
	600	—	30532003	
	800	—	39509386	
	1 000	—	39509396	
	1 500	—	30532007	
	2 000	—	30532008	
	2 500	—	30532009	
	3 000	—	30532010	
	3 500	—	30532012	
	4 000	—	30532011	
	5 000	—	30532013	
Flat chisel	350	25	39509406	
	450	25	39509416	
	600	25	30532033	
	800	25	30532034	
	1 000	25	30532030	
	1 500	25	30532037	
	2 000	25	30532038	
	2 500	25	30532039	
Spade chisel	400	Sleeve 4kt	120	39509616
	425		120	39509476
	490		75	39509446

Accessories

MD chisels for air hammers

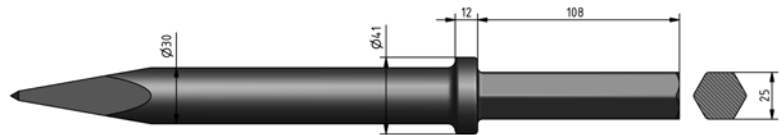
Insert end Chisel	Effect. length mm	Cutting width mm	Order No.
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Hex. 22 × 82



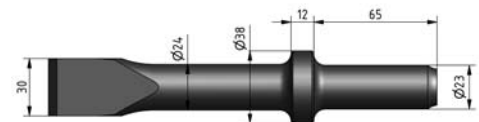
Pointed chisel	350	—	39511346
	400	—	39509506
	450	—	39511356
	800	—	30544004
	1 000	—	30544005
	1 200	—	30544006
	1 500	—	30544007
	2 000	—	30544008
2 500	—	30544009	
Flat chisel	450	25	39511406
	800	25	30544034
	1 000	25	30544035
	1 500	25	30544037
	2 000	25	30544038
	2 500	25	30544039
4 000	25	30544042	
Spade chisel	400	120	39509486
Broad blade chisel	400	75	39509456

Hex. 25 × 108



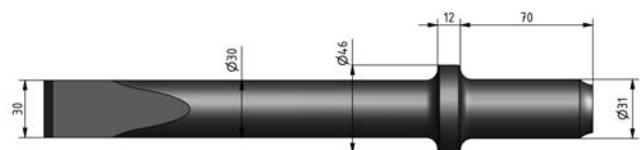
Pointed chisel	350	—	39512306
	450	—	39512356
	600	—	30554003
	1 000	—	30554005
	1 500	—	30554007
Flat chisel	450	30	39512406
Spade chisel	420	125	39509496
Broad blade chisel	400	75	39509466

Round 23 × 65 Shearing-off chisel



Shearing-off chisel	140	30	30536140
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Round 31 × 70 Shearing-off chisel



Shearing-off chisel	250	30	30538141
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Accessories

Riveting headers, knock-out chisels, shearing chisels



Riveting header



Knock-out chisel



Shearing chisel

Riveting headers (set rivets)

- For riveting hammers and holders
- For half-round rivet DIN 660 and 124

Rivet Ø	Order No.
Insert end R 23 × 65 mm	
6	5236606
8	5236608
10	5236610
12	5236612
13 14	5236614
16	5236616
18	5236618
19	5236619
20	5236620
Insert end R 31 × 70 mm	
10	5238610
12	5238612
13 14	5238614
16	5238616
18	5238618
20	5238620
22	5238622
24 25	5238624
27	5238627
30	5238630
31	5238631
33	5238633
34	5238634
36	5238636
37	5238637

Knock-out chisels (remove)

Rivet Ø	Cone Ø	Order No.
Insert end R 23 × 65 mm		
8-10	6 10	5236510
10-13	8 12	5236512
12-14	10 14	5236514
14-16	12 16	5236516
16-19	14 18	5236518
18-20	16 20	5236520
Insert end R 31 × 70 mm		
8-10	6 10	5238510
10-13	8 12	5238512
12-14	10 14	5238514
14-16	12 16	5238516
16-19	14 18	5238518
18-20	16 20	5238520
19-22	18 22	5238522
22-25	20 24	5238524
24-28	22 27	5238527
27-31	24 30	5238530
30-34	27 33	5238533

Shearing chisel

Effect. length mm	Width mm	Order No.
Insert end R 23 × 65 mm		
140	30	30536140
Insert end R 31 × 70 mm		
220	30	30538141