

NEEDLE SCALERS

Product catalogue

2022



**von
arx**®
TRUE QUALITY SINCE 1941

QUICKLY REMOVES RUST, GLUE, PAINT & WELDING SLAG

Essentially cleans uneven surfaces. The tool's flexible needles can easily adapt to work on any surface, even those with projections. You will always find the right Von Arx-Needle Scaler to handle every job. Available with 2, 3 or 4 mm needles.

Needle scalers • 12 B

Product catalogue 2022

12 B 700263



Key features

Needles ø 3mm	12 pcs., pointed
Air consumption	96 L/Min, 3.4 cfm
Max. permitted air pressure	6 bar, 85 psi
Vibration value on handle	12.40 m/s ²
Sound pressure level	≤ 100.7 db(A)
Acoustic power level	≤ 110.0 db(A)

Packaging



Case size 475×360×110 mm / 18.7×14.1×4.3"

One box contains

12 B needle scaler
Hose connection G3/8 × 10mm
Tube of grease
Operating manual

Field of application

The unit is intended for machining the surfaces of metal, concrete and stone for the purposes of cleaning, derusting, roughening, descaling, clearing, smoothing and bush-hammering.

Physical parameters

Weight	1.3 kg / 2.9 lbs
Connection thread	G 3/8"

Recommended lubricants

BP	Energol RD-E46
Mobil	Almo Oil 325
Shell	Torcula 100
DEA	Arkas 32
Texaco	Aries 32
Esso	Arox EP 46 or EP 100



23 B

700312

Key features	
Needles ø 3mm	19 pcs. pointed
Air consumption	100 l/min, 3.5 cfm
Max. permitted air pressure	7 bar, 100 psi
Vibration value on handle	12.90 m/s²
Sound pressure level	≤ 100.7 db(A)
Acoustic power level	≤ 110.0 db(A)

Field of application
The unit is intended for machining the surfaces of metal, concrete and stone for the purposes of cleaning, derusting, roughening, descaling, clearing, smoothing and bush-hammering.

Physical parameters	
Weight	2.2 kg / 4.8 lbs
Connection thread	G 3/8"

Recommended lubricants	
BP	Energol RD-E46
Mobil	Almo Oil 325
Shell	Torcula 100
DEA	Arkas 32
Texaco	Aries 32
Esso	Arox EP 46 or EP 100

Packaging



Case size 475×360×110 mm / 18.7×14.1×4.3"

One case contains
23 B needle scaler
Hose connection G3/8 × 10mm
Auxiliary handle
VAC Connector
Tube of grease
Operating manual



23 BG

700438

Key features	
Needles ø 3mm	19 pcs. pointed
Air consumption	100 L/Min, 3.5 cfm
Max. permitted air pressure	7bar, 100psi
Vibration value on handle	16.90 m/s²
Sound pressure level	≤ 100.7 db(A)
Acoustic power level	≤ 110.0 db(A)

Field of application
The unit is intended for machining the surfaces of metal, concrete and stone for the purposes of cleaning, derusting, roughening, descaling, clearing, smoothing and bush-hammering.

Physical parameters	
Weight	2.0 kg / 4.4 lbs
Connection thread	G 3/8"

Recommended lubricants	
BP	Energol RD-E46
Mobil	Almo Oil 325
Shell	Torcula 100
DEA	Arkas 32
Texaco	Aries 32
Esso	Arox EP 46 or EP 100

Packaging



Case size 475×360×110 mm / 18.7×14.1×4.3"

One case contains
23 BG needle scaler
Hose connection G3/8 × 10mm
Tube of grease
Operating manual



34 B

700364

Key features

Needles ø 3 mm	28 pcs. pointed
Air consumption	125 L/Min, 4.4 cfm
Max. permitted air pressure	7 bar, 100 psi
Vibration value on handle	17.10 m/s²
Sound pressure level	≤ 100.7 db(A)
Acoustic power level	≤ 110.0 db(A)

Field of application

The unit is intended for machining the surfaces of metal, concrete and stone for the purposes of cleaning, derusting, roughening, descaling, clearing, smoothing and bush-hammering.

Physical parameters

Weight	3.0 kg / 6.6 lbs
Connection thread	G 3/8"

Recommended lubricants

BP	Energol RD-E46
Mobil	Almo Oil 325
Shell	Torcula 100
DEA	Arkas 32
Texaco	Aries 32
Esso	Arox EP 46 or EP 100

Packaging



Case size 475×360×110 mm / 18.7×14.1×4.3"

One case contains

34 B needle scaler
Hose connection G3/8 × 10 mm
Auxiliary handle
VAC Connector
Tube of grease
Operating manual



34 BGV

700462

Key features

Needles ø 3mm	28 pcs. pointed
Air consumption	125 L/Min, 4.4 cfm
Max. permitted air pressure	7 bar, 100 psi
Vibration value on handle	9.63 m/s²
Sound pressure level	≤ 100.7 db(A)
Acoustic power level	≤ 110.0 db(A)

Field of application

The unit is intended for machining the surfaces of metal, concrete and stone for the purposes of cleaning, derusting, roughening, descaling, clearing, smoothing and bush-hammering.

Recommended lubricants

BP	Energol RD-E46
Mobil	Almo Oil 325
Shell	Torcula 100
DEA	Arkas 32
Texaco	Aries 32
Esso	Arox EP 46 or EP 100

Physical parameters

Weight	6.1 kg / 13.4 lbs.
Length	1750 mm / 69"



45 B

700409

Key features	
Needles ø 3 mm	49 pcs. pointed
Air consumption	158 L/Min, 5.6 cfm
Max. permitted air pressure	7 bar, 100 psi
Vibration value on handle	20.90 m/s ²
Sound pressure level	≤ 100.7 db(A)
Acoustic power level	≤ 110.0 db(A)

Field of application
The unit is intended for machining the surfaces of metal, concrete and stone for the purposes of cleaning, derusting, roughening, descaling, clearing, smoothing and bush-hammering.

Physical parameters	
Weight	4.8 kg / 10.6 lbs
Connection thread	G 3/8"

Recommended lubricants	
BP	Energol RD-E46
Mobil	Almo Oil 325
Shell	Torcula 100
DEA	Arkas 32
Texaco	Aries 32
Esso	Arox EP 46 or EP 100

Packaging



Case size 475×360×110 mm / 18.7×14.1×4.3"

One case contains
45 B needle scaler
Hose connection G3/8 × 10 mm
Auxiliary handle
Tube of grease
Operating manual



45 BGV

706768

Key features	
Needles ø 3mm	49 pcs. pointed
Air consumption	158 L/Min, 5.6 cfm
Max. permitted air pressure	7 bar, 100 psi
Vibration value on handle	16.20 m/s ²
Sound pressure level	≤ 100.7 db(A)
Acoustic power level	≤ 110.0 db(A)

Field of application
The unit is intended for machining the surfaces of metal, concrete and stone for the purposes of cleaning, derusting, roughening, descaling, clearing, smoothing and bush-hammering.

Recommended lubricants	
BP	Energol RD-E46
Mobil	Almo Oil 325
Shell	Torcula 100
DEA	Arkas 32
Texaco	Aries 32
Esso	Arox EP 46 or EP 100

Physical parameters	
Weight	9.4 kg / 20.7 lbs
Length	1800 mm / 71"



NP 34

700639

Key features	
Needles ø 3 mm	28 pcs. pointed
Air consumption	125 l/min, 4.4 cfm
Max. permitted air pressure	7 bar, 100 psi
Vibration value on handle	6.48 m/s ²
Sound pressure level	< 100.7 db(A)
Acoustic power level	< 110.0 db(A)

Packaging



Case size 475×360×110 mm / 18.7×14.1×4.3"

One case contains

- NP 34 needle scaler
- Hose connection G3/8 × 10mm
- VAC Connector
- Auxiliary handle
- 2 pcs. of piston seals
- Tube of grease
- Operating manual

Field of application

The unit is intended for machining the surfaces of metal, concrete and stone for the purposes of cleaning, derusting, roughening, descaling, clearing, smoothing and bush-hammering.

Physical parameters

Weight	3.2 kg / 7.0 lbs
Connection thread	G 3/8"

Recommended lubricants

BP	Energol RD-E46
Mobil	Almo Oil 325
Shell	Torcula 100
DEA	Arkas 32
Texaco	Aries 32
Esso	Arox EP 46 or EP 100



NP 34 K

706598

Key features	
Needles ø 3mm	28 pcs. blunt
Air consumption	125 l/min, 4.4 cfm
Max. permitted air pressure	7 bar, 100 psi
Vibration value on handle	9.61 m/s ²
Sound pressure level	< 100.7 db(A)
Acoustic power level	< 110.0 db(A)

Packaging



Box size 443×65×176 mm / 17.4×2.5×6.9"

One box contains

- NP 34 K needle scaler
- Hose connection G1/4 × 8mm
- Operating manual

Field of application

The unit is intended for machining the surfaces of metal, concrete and stone for the purposes of cleaning, derusting, roughening, descaling, clearing, smoothing and bush-hammering.

Physical parameters

Weight	3.0 kg / 6.6 lbs
Connection thread	G 1/4"

Recommended lubricants

BP	Energol RD-E46
Mobil	Almo Oil 325
Shell	Torcula 100
DEA	Arkas 32
Texaco	Aries 32
Esso	Arox EP 46 or EP 100



NP 23

700722

Key features	
Needles ø 3 mm	19 pcs. pointed
Air consumption	100 l/min, 3.5 cfm
Max. permitted air pressure	7 bar, 100 psi
Vibration value on handle	5.48 m/s ²
Sound pressure level	< 100.7 db(A)
Acoustic power level	< 110.0 db(A)

Field of application
The unit is intended for machining the surfaces of metal, concrete and stone for the purposes of cleaning, derusting, roughening, descaling, clearing, smoothing and bush-hammering.

Physical parameters	
Weight	2.6 kg / 5.7 lbs
Connection thread	G 3/8"

Recommended lubricants	
BP	Energol RD-E46
Mobil	Almo Oil 325
Shell	Torcula 100
DEA	Arkas 32
Texaco	Aries 32
Esso	Arox EP 46 or EP 100

Packaging



Case size 475×360×110 mm / 18.7×14.1×4.3"

One case contains
NP 23 needle scaler
Hose connection G3/8 × 10 mm
VAC Connector
Auxiliary handle
2 pcs. of piston seals
Tube of grease
Operating manual



NP 23 K

700722

Key features	
Needles ø 3mm	19 pcs. blunt
Air consumption	100 l/min, 3.5 cfm
Max. permitted air pressure	7 bar, 100 psi
Vibration value on handle	8.91 m/s ²
Sound pressure level	< 100.7 db(A)
Acoustic power level	< 110.0 db(A)

Field of application
The unit is intended for machining the surfaces of metal, concrete and stone for the purposes of cleaning, derusting, roughening, descaling, clearing, smoothing and bush-hammering.

Physical parameters	
Weight	2.2 kg / 4.9 lbs
Connection thread	G 1/4"

Recommended lubricants	
BP	Energol RD-E46
Mobil	Almo Oil 325
Shell	Torcula 100
DEA	Arkas 32
Texaco	Aries 32
Esso	Arox EP 46 or EP 100

Packaging



Box size 443×65×176 mm / 17.4×2.5×6.9"

One box contains
NP 23 K needle scaler
Hose connection G1/4 × 8mm
Operating manual



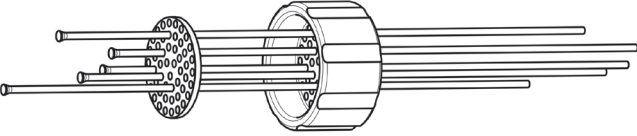
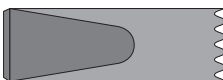
SPARE PARTS

For NP serie

Set needles compl.	ø 2 mm. blunt	ø 3 mm. blunt	ø 3 mm. pointed	ø 4 mm. blunt	ø 4 mm. pointed
NP 23	706187	706188	706189	706190	706191
NP 23 K	706187	706188	706189	706190	706191
NP 34	706192	706193	706194	706195	706196
NP 34 K	706192	706193	706194	706195	706196

For B serie

Set needles compl.	ø 2 mm. blunt	ø 3 mm. blunt	ø 3 mm. pointed	ø 4 mm. blunt	ø 4 mm. pointed
12 B	700253	700254	700255		
23 B	700297	700298	700300	700299	700301
23 BG	700297	700298	700300	700299	700301
34 B	700349	700350	700352	700351	700353
34 BGV	700349	700350	700352	700351	700353
45 B		700397	700399	700398	700400
45 BGV		700397	700399	700398	700400

Blunt		
Pointed		

VAC connector assembly			Auxiliary handle		
NP 23	700602		NP 23	700081	
NP 23 K	700602		NP 23 K	700081	
NP 34	700628		NP 34	700342	
NP 34 K	700628		NP 34 K	700342	
23 B	700280		23 B	700081	
23 BG	700280		34 B	700342	
34 B	700628		45 B	700395	



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