

Needle and Chisel Scalars

Needle Scalars



- ▶ Adjustable needle housing
- ▶ Precision heat-treated needles for maximum performance
- ▶ Available in both in-line and pistol grip configurations

Chisel Scalars



- ▶ Long nozzle section extends retainer life and permits the use of a variety of accessories
- ▶ Strengthened head block holds up under the most extreme conditions
- ▶ Available in both in-line, pistol grip, and swan neck configurations

Model	Handle Description	Stroke in (mm)	Bore in (mm)	Weight lb (kg)	Length in (mm)	bpm	cfm	Inlet Size NPT in	Recommended Hose Size in (mm)
NEEDLE SCALERS									
172LNA1	In-line	0.56" (14)	0.88" (24)	5.25 (2.38)	13.75" (349)	5,500	12	1/4"	5/16" (8)
182LNA1	In-line	1.06" (27)	0.88" (24)	5.75 (2.61)	15" (381)	4,000	13	1/4"	5/16" (8)
170PG	Pistol grip	1.4" (35.6)	0.925" (23.5)	6.62 (3.00)	12.4" (315)	3,000	5.5	1/4"	5/16" (8)
180PG	Pistol grip	1.54" (39.1)	1.125" (28.6)	8.88 (4.03)	13.5" (343)	2,200	8	1/4"	5/16" (8)
CHISEL SCALERS									
172L	In-line	0.56" (14)	0.88" (24)	3.69 (1.69)	7.63" (194)	5,500	12	1/4"	5/16" (8)
182G	Swan neck	1.06" (27)	0.88" (24)	5.31 (2.41)	12.81" (325)	4,000	13	1/4"	5/16" (8)
182L	In-line	1.06" (27)	0.88" (24)	4.06 (1.84)	9" (229)	4,000	13	1/4"	5/16" (8)
170PG-CS	Pistol grip	1.4" (35)	0.93" (23)	5.32 (2.4)	12.4" (314)	3,000	5.5	1/4"	5/16" (8)
180PG-CS*	Pistol grip	1.54" (39)	1.13" (28)	6.81 (3.1)	12.4" (314)	2,200	8	1/4"	5/16" (8)

*5/8" hex shank chisel holder/retainer (p/n 22039705) is available for 180PG-CS.



182K1

Model	Kit Contents
Scaler Kits	
182K1	182L needle scalar, the 5" needle housing, 2 needle packs (5" and 7" long) and 3 chisels; there are 19 needles per pack made of carbon steel; the chisels included are one each of the following: 7" flat scaling chisel, 6" angle scaling chisel, and a 6" straight scaling chisel
170PG-KIT	170PG needle scalar, 1/2" shank chisel holder, 3 needle packs and 3 chisels; needles included are one pack each of chisel tip, pointed tip, and flat tip 3 mm needles, with 19 needles per pack; needles are 7" long and made of carbon steel; chisels included are one each of 1/2" square, 7" long chisels: 3/4" flat, 1-3/8" offset (weld flux), and 2" flat chisel
180PG-KIT	180PG needle scalar, 1/2" shank chisel holder, 3 needle packs and 3 chisels; needles included are one pack each of chisel tip, pointed tip, and flat tip 3 mm needles, with 28 needles per pack; needles are 7" long and made of carbon steel; chisels included are one each of 1/2" square, 7" long chisels: 3/4" flat, 1-3/8" offset (weld flux), and 2" flat chisel

Scaler Accessories

Scaler needles

Part Number	Tip	Length in	Product	Quantity
2 MM				
22038525	Flat	7"	Carbon steel	100
3 MM				
NS11-22-19	Flat	5"	Carbon steel	19
NS11-B22-19	Flat	5"	Beryllium copper	19
NS11-S22-19	Flat	5"	Stainless steel	19
NS11-122-19	Flat	7"	Carbon steel	19
22038533	Flat	5"	Carbon steel	100
89940597	Flat	7"	Carbon steel	100
22038541	Flat	7"	Carbon steel	1,000
22038558	Flat	7"	Beryllium copper	100
22038566	Flat	7"	Beryllium copper	500
22038574	Chisel	7"	Carbon steel	100
22038582	Chisel	7"	Carbon steel	1,000
22038590	Pointed	7"	Carbon steel	100
22038608	Pointed	7"	Carbon steel	1,000
4 MM				
22038616	Flat	7"	Carbon steel	100
22038624	Flat	7"	Carbon steel	500
22038632	Chisel	7"	Carbon steel	100
22038640	Chisel	7"	Carbon steel	500
22038657	Pointed	7"	Carbon steel	100
22038665	Pointed	7"	Carbon steel	500

Needle holder* for pistol grip scalers

Part Number	For Use With
2 MM	
22038194	170PG
22038202	180PG
4 MM	
22038210	180PG

*Does not include needles.

Needle housings for in-line scalers

Round Needle Housings	With	For Use With
NS11A	5" (127 mm) steel needles	172L, 182L, 182G
NS11AS	5" (127 mm) stainless steel needles	172L, 182L, 182G
NS11A7	7" (178 mm) extended steel needles	172L, 182L, 182G
Rectangular Needle Housings	With	
NS11BB	5" (127 mm) beryllium copper needles	172L, 182L, 182G
NS11BS	5" (127 mm) stainless steel needles	172L, 182L, 182G
NS11B7	7" (178 mm) extended steel needles	172L, 182L, 182G

Scaler chisels (1/2" square shank)

Part Number	Type	Overall Length in	Blade Width in
89940613	Straight scaling	7"	2"
22038749	Straight scaling	7"	3"
22038756	Straight scaling (spark-resistant)	7"	2"
WF-14F-7	Flat scaling	7"	3/4"
WF-14-007	Blank	7"	N/A
WF-14G-6	Gouge	6"	5/8"
WF-14B-007	Scaling chisel	7"	1-3/8"
WF-14B-012	Scaling chisel	12"	1-3/8"
WF-14A-007	Angle chisel	7"	1-3/8"
WF-14A-12	Angle chisel	12"	1-3/8"
WF-14C-007	Wide chisel	7"	2"
WF-14C-012	Wide chisel	12"	2"
WF-14D-007	Wide chisel	7"	3"
WF-14D-012	Wide chisel	12"	3"

For our complete offering of scaler needles, chisels, and accessories, please see the Ingersoll Rand Construction Tool Steels and Accessories catalog, Form # IRPS-0407-006.

