Ingersoll Rand

# Vehicle Repair Tools



REAL TOOLS FOR REAL WORK.™

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**The new IQ$^{V}$ series are power tools** how you want them – As powerful as air tools, the convenience of cordless.

# Cordless IQ$^{V}$ ™ Tools and Accessories


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**IQ$^{V}$ *Series* WARRANTY**

IQ$^{V}$ *Series* includes IQ$^{V20}$ and IQ$^{V12}$

**3 Year** Limited Warranty on Tools and Chargers

**2 Year** High-Capacity Battery Replacement

**1 Year** Tool, Battery & Charger Replacement

See **ingersollrandproducts.com/cordless** for official Terms & Conditions. May vary by country.

*Peter Mayrhofer isn't one to compromise between comfort and performance. He wants it all in one compact tool. The new IQ$^{V}$™ line lets him have it his way: The cordless Impact Wrenches can remove even the toughest bolts. They deliver all the power he needs, with the handling and accessibility he expects.* Peter Mayrhofer, Inzell

# Cordless IQ$^{V}$™ Tools and Accessories




## W7152
**1/2"** ■ Tool only - 20 V



Protection Boot
**W7152-BOOT**
CCN: 47621732001

- 1360 Nm of Maximum reverse torque and 2040 Nm of Nut Busting Torque
- IQV Power Control System with 4 modes Max Power, Mid Power, Wrench Tight and Hand Tight
- IQV Brushless motor Technology
- 360° Shadowless Tasklight

Also available
**W7172**
3/4'' Tool only - 20V

Available in kits
**W7152-K22B-EU** 1/2" Kit 5.0Ah
CCN: 47665717001
**W7172-K22B-EU** 3/4" Kit 5.0Ah
CCN: 47671646001
**W7252-K22B-EU** 1/2" Kit 5.0Ah
CCN: 47665719001



1/2" Drive Impact Wrench, Charger 12/20V, 2 BL2022 (5.0 Ah) Li-Ion batteries & Case

| Ref. | CCN | Battery | V | in | Nm | rpm | bpm | kg | mm | dB(A) | m/s²/K(1) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W7152 | 47633386001 | BL2022 | 20 | 1/2" | 1360 | 0 -1900 | 2450 | 3.4 | 207 | 95.0 | 17.0/3.7 |
| W7252 | 47633389001 | BL2022 | 20 | 1/2" | 1360 | 0 -1900 | 2450 | 3.6 | 257 | 95.0 | 17.2/2.3 |
| W7172 | 47663441001 | BL2022 | 20 | 3/4" | 1360 | 0 -1900 | 2450 | 3,5 | 215 | 95.0 | 17.0/3.7 |

(1) ISO60745 – 3-axis measurement: vibration level/measurement uncertainty.
Weight to include tool + battery weights





## W7150EU
**1/2"** ■ Tool only - 20 V



- 1,057 Nm of maximum torque and 1,486 Nm of nut-busting torque, that's best-in-class performance
- Steel-reinforced housings add strength for unmatched drop resistance
- Variable speed switch with electronic brake provides maximum control of the tool

Protection Boot
**W7150-BOOT**
CCN: 48401855IRI

Available in kits
**W7150EU-K22** 1/2" Kit 5.0 Ah
CCN: 47524963001



1/2" Drive Impact Wrench, Charger 12/20V, 2 BL2022 (5.0 Ah) Li-Ion Batteries and Case

## W5153
**1/2"** ■ Tool only - 20 V



- 500 Nm of maximum reverse torque and 750 Nm of nut-busting torque
- IQV Power Control System with 4 modes Max Power, Mid Power, Wrench Tight, and Hand Tight
- IQV brushless motor technology
- Shadowless task light

Also available
**W5133**
3/8" Tool only - 20 V

Protection Boot
**W5132-BOOT**
CCN: 47555745001

Available in kits
**W5153-K22A-EU** 1/2'' Kit 2.5 & 5.0 Ah
CCN: 47665713001
**W5153-K22B-EU** 1/2'' Kit 5.0 Ah
CCN: 47665714001
**W5133-K22A-EU** 3/8'' Kit 2.5 & 5.0 Ah
CCN: 47665715001
**W5133-K22B-EU** 3/8'' Kit 5.0 Ah
CCN: 47665716001



1/2" Drive Impact Wrench, Charger 12/20V, BL2012 (2.5 Ah), BL2022 (5.0 Ah) Li-Ion batteries & Case

## W5111
**1/4"** ⬟ Tool only - 20 V



- 260 Nm of maximum torque in reverse
- Steel-reinforced housings add strength for unmatched drop resistance
- Variable speed switch with electronic brake provides maximum control of the tool

Protection Boot
**W5111-BOOT**
CCN: 47499747001

Available in kits
**W5111-K22-EU** 1/4"Hex Kit
CCN: 47530971001



1/4" Hex Impact Driver, Charger 12/20 V, 2 BL2012 (2.5 Ah) Li-Ion Batteries & Case

| Ref. | CCN | Battery | V | in | Nm | rpm | bpm | kg | mm | dB(A) | m/s²/K(1) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W7150EU | 48391692 | BL2022 | 20 | ½"□ | 1,057 | 1,900 | 2,300 | 3.10 | 238 | 89.0 | 12.2/1.8 |
| W5133 | 47636405001 | BL2022 | 20 | ⅜"□ | 500 | 2,100 | 3,300 | 2.40 | 179 | 90.0 | 12.6/1.7 |
| | | BL2012 | 20 | ⅜"□ | 400 | 2,100 | 3,100 | 2.10 | 179 | 90.0 | 16.1/2.6 |
| W5153 | 47636406001 | BL2022 | 20 | ½"□ | 500 | 2,100 | 3,300 | 2.40 | 183 | 90.0 | 12.6/1.7 |
| | | BL2012 | 20 | ½"□ | 400 | 2,100 | 3,100 | 2.10 | 183 | 90.0 | 16.1/2.6 |
| W5111 | 48620793 | BL2012 | 20 | ¼"⬟ | 240 | 1,900 | 2,800 | 1.60 | 154 | 86.0 | 4.7/1.2 |

(1) ISO60745 – 3-axis measurement: vibration level/measurement uncertainty.
Weight to include tool + battery weights

# Cordless IQV™ Tools and Accessories | Impact Wrenches and Drivers

## W1110
**1/4"** Tool only - 12 V



- 135 Nm of maximum torque
- Steel-reinforced housings add strength for unmatched drop resistance
- Variable speed switch with electronic brake provides maximum control of the tool

Available in kits
**W1110EU-K2** 1/4"Hex Kit
CCN: 47500087001



1/4"Hex Impact Driver, Charger,
2 BL1203 (2.0 Ah) Li-Ion Batteries

## W1120
**1/4"** Tool only - 12 V



- 135 Nm of maximum torque
- Steel-reinforced housings add strength for unmatched drop resistance
- Variable speed switch with electronic brake provides maximum control of the tool

Available in kits
**W1120EU-K2** 1/4" Kit
CCN: 47500088001



1/4" Drive Impact Wrench, Charger,
2 BL1203 (2.0 Ah) Li-Ion Batteries

## W1130
**3/8"** Tool only - 12 V



- 135 Nm of maximum torque
- Steel-reinforced housings add strength for unmatched drop resistance
- Variable speed switch with electronic brake provides maximum control of the tool

Available in kits
**W1130EU-K2** 3/8" Kit
CCN: 47500089001



3/8" Drive Impact Wrench, Charger,
2 BL1203 (2.0 Ah) Li-Ion Batteries

| Ref. | CCN | Battery | V | in | Nm | rpm | bpm | kg | mm | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W1110 | 47500078001 | BL1203 | 12 | ¼" | 135 | 1,900 | 3,300 | 1.05 | 150 | 82.0 | 4.5/3.0 |
| W1120 | 47500081001 | BL1203 | 12 | ¼" | 135 | 2,700 | 3,300 | 1.04 | 150 | 82.0 | 3.8/2.7 |
| W1130 | 47500084001 | BL1203 | 12 | ⅜" | 135 | 2,700 | 3,300 | 1.04 | 150 | 82.0 | 3.8/2.7 |

[1] ISO60745 – 3-axis measurement: vibration level/measurement uncertainty.
Weight to include tool + battery weights



# Cordless IQV™ Tools and Accessories | Ratchets

## W5350
**1/2"** Tool only - 20 V



- 245 Nm of maximum torque
- Variable speed switch with electronic brake provides maximum control of the tool
- No torque reaction

Also available
**W5330**
3/8" Tool only - 20 V

Protection Boot
**W5330-BOOT**
CCN: 47517635001

Available in kits
**W5350-K12-EU** 1/2" Kit
CCN: 47530981001
**W5330-K12-EU** 3/8" Kit
CCN: 47530980001



1/2" Drive Impact Wrench, Charger 12/20 V,
1 BL2012 (2.5 Ah) Li-Ion Battery & Case

## R3150
**1/2"** Tool only - 20 V



- 73 Nm of maximum torque
- 0-225 rpm free speed
- Variable-speed trigger allows easy starts and precise speed control

Also available
**R3130**
3/8" Tool only - 20 V

Available in kits
**R3150-K12-EU** 1/2" Kit
CCN: 47530968001
**R3130-K12-EU** 3/8" Kit
CCN: 47530966001



1/2" Drive Ratchet, Charger 12/20 V,
1 BL2012 (2.5 Ah) Li-Ion Battery & Case

## R1130
**3/8"** Tool only - 12 V



- 40 Nm of maximum torque
- 0-260 rpm free speed
- Variable-speed trigger allows easy starts and precise speed control
- Bright white LED

Also available
**R1120**
1/4" Tool only - 12 V

Available in kits
**R1130EU-K1** 3/8" Kit
CCN: 47500065001
**R1120EU-K1** 1/4" Kit
CCN: 47500064001



3/8" Ratchet, Charger,
1 BL1203 (2.0 Ah) Li-Ion Battery

| Ref. | CCN | Battery | V | in | Nm | rpm | bpm | kg | mm | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W5350 | 47514541001 | BL2012 | 20 | ½" | 245 | 1,900 | 3,000 | 3.10 | 238 | 89.0 | 12.2/1.8 |
| W5330 | 47514540001 | BL2012 | 20 | ⅜" | 245 | 1,900 | 3,000 | 2.30 | 170 | 90.0 | 11.3/2.6 |
| R3130 | 48621023 | BL2012 | 20 | ⅜" | 73 | 225 | – | 2.00 | 408 | 86.0 | 2.8/0.7 |
| R3150 | 48621056 | BL2012 | 20 | ½" | 73 | 225 | – | 2.00 | 408 | 86.0 | 2.8/0.7 |
| R1130 | 47500062001 | BL1203 | 12 | ⅜" | 40 | 260 | – | 0.98 | 280 | 76.0 | < 2.5 |
| R1120 | 47500060001 | BL1202 | 20 | ¼" | 73 | 225 | – | 0.98 | 408 | 86.0 | 2.8/0.7 |

[1] ISO60745 – 3-axis measurement: vibration level/measurement uncertainty.
Weight to include tool + battery weights

# **Cordless IQ$^{V}$™ Tools and Accessories** | Drills & Screwdrivers

**D5140**
Tool only - 20 V



- 80 Nm of maximum torque
- Keyless chuck
- Variable speed switch with electronic brake provides maximum control of the tool
- Steel-reinforced housings add strength for unmatched drop resistance

Available in kits
**D5140-K22-EU** Kit 5.0 Ah
CCN: 47530987001



1/2" (13mm) Drill/Driver, Charger 12/20 V,
2 BL2022 (5.0 Ah) Li-Ion Batteries & Case

**D1130**
Tool only - 12 V



- 23 Nm of maximum torque
- Steel-reinforced housings add strength for unmatched drop resistance
- Variable speed switch with electronic brake provides maximum control of the tool

Available in kits
**D1130EU-K2** Kit
CCN: 47500116001



1/4" (6.5 mm) Drill/Driver, Charger,
2 BL1203 (2.0 Ah) Li-Ion Batteries

**D1410**
Tool only - 12 V



- 23 Nm of maximum torque
- Steel-reinforced housings add strength for unmatched drop resistance
- Variable speed switch with electronic brake provides maximum control of the tool

Available in kits
**D1410EU-K2** Kit
CCN: 47500117001



1/4" Hex Screwdriver, Charger,
2 BL1203 (2.0 Ah) Li-Ion Batteries

| Ref. | CCN | Battery | V | 1 min. rpm | kg | L mm | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|
| D5140 | 48489546 | BL2022, BL2010 | 20 | 1,900 | 2.45 | 245 | 75.0 | < 2.5 |
| D1130 | 47500112001 | BL1203 | 12 | 1,600 | 1.10 | 190 | 64.0 | < 2.5 |
| D1410 | 47500114001 | BL1203 | 12 | 1,600 | 0.95 | 130 | 64.0 | < 2.5 |

[1] ISO60745 – 3-axis measurement: vibration level/measurement uncertainty.
Weight to include tool + battery weights



# **Cordless IQ$^{V}$™ Tools and Accessories** | Other Tools

**LUB5130**
Tool only - 20 V



- Cordless Grease Gun
- Pressure 431 bar (6,250 psi)
- Flowrate 75 g/min
- Grease capacity 400 g
- 3 way loading: bulk, cartridge and manual
- Flexible hose 762 mm

Available in kits
**LUB5130-K12-EU** Kit
CCN: 47503151001



20 V Grease Gun, Charger 12/20 V,
1 BL2012 (2.5 Ah) Li-Ion Battery & Case

**G1621**
Tool only - 12 V



- Cordless Sander/Polisher
- 2" (50 mm) and 3" (75 mm) pads
- 2-speed gearbox, quick change spindle-lock and variable-speed for use on multiple surfaces
- Low noise level

Available in kits
**G1621EU-K2** Kit
CCN: 47540140001



12V SAnder/Polisher, Charger, 2 BL1203 (2.0 Ah)
Li-Ion Batteries and G1000-KIT-PAD

**G1811**
Tool only - 12 V



- Cordless Belt Sander
- 3/8'' x 13" (10x330mm) Belt
- 8 positions arm
- Quick change lock

Available in kits
**G1811EU-K2** Kit
CCN: 47559180001



12V Belt Sander, Charger, 2 BL1203 (2.0 Ah)
Li-Ion Batteries and Set of 6 belts

| Ref. | CCN | Battery | V | 1 min. rpm | HH:MM | MAX. Lumens | kg | L mm | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|
| LUB5130 | 47503006 | BL2022, BL2012 | 20 | – | – | – | 3.70 | 490 | 66.0 | 2.5 |
| G1621 | 47542795001 | BL1203 | 12 | 2,200 | 0:20 | – | 1.30 | 144 | 67.0 | 3.0/0.8 |
| G1811 | 47559185001 | BL1203 | 12 | 7,000 | | | 1.00 | 212 | 67.0 | 3.0/0.8 |

[1] ISO60745 – 3-axis measurement: vibration level/measurement uncertainty.
Weight to include tool + battery weights

# **Cordless IQ$^{V}$™ Tools and Accessories** | Other tools, Batteries and Chargers

## C1101
Tool only - 20 V



- Cordless Recip Saw
- 3300 spm
- Adjustable guard
- Inline profile for easy access

Available in kits

**C1101EU-K2** Kit
CCN: 47559320001



12V Recip Saw, Charger, 2 BL1203 (2.0 Ah) Li-Ion Batteries and 6 Blades P4EV-6

## L5110
Tool only - 20 V



- Ultra-bright white LED casts 180 lumens
- Compatible with all IQV20 batteries
- Multi-position head, standing base and hang hook allow for lighting from above or below at any angle
- Run time: 12.5 hours (BL2012)/ 15 hours (BL2010)/ 22 hours (BL2022)

Also available

**L1110**
Tool only - 12 V

## BL1203
12 V - 2.0 Ah Li-Ion



- Performance - Each battery provides r2.0 Ah of 12 V power, intelligently managed by the IQV12 Series system for maximum tool runtime
- Durability - Positive-lock system emits highly audible click when properly secured in tool, helping to eliminate drops and damage
- Ergonomics - Fuel gauge and patent-pending dual side button design for easier battery installation

| Ref. | CCN | Battery | V | Strokes per Minute | Strokes Length mm | HH:MM | Lumens | kg | mm | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C1101 | 47559324001 | BL1203 | 12 | 3,300 | 14 | – | – | 0.97 | 298 | 77.0 | 17.9/7.8 |
| L5110 | 48489561 | BL2012 | 20 | – | – | 12:50 | 180 | 0.86 | 236 | – | – |
| L1110 | 47500109001 | BL1203 | 12 | – | – | 6:50 | 180 | 0.58 | 217 | – | – |

[1] ISO60745 – 3-axis measurement: vibration level/measurement uncertainty.
Weight to include tool + battery weights



# **Cordless IQ$^{V}$™ Tools and Accessories** | Batteries and Chargers

## BL2012
20 V - 2.5 Ah, Li-Ion



- Performance: The BL2012 x2.5 delivers 100% longer run time than its predecessor at the same size and weight.
- Ergonomic: patent-pending dual side button designed for easier battery installation.
- Durability: The intelligent Battery Management System (BMS) allows the battery to communicate with the tool and charger to offer triple battery protection, prevent over loading, over charging and over discharging for longer tool and battery life.

Protection Boot

**BL2005-BOOT**
CCN: 47510965001

## BL2022
20 V - 5.0 Ah, Li-Ion



- Performance: The BL2022 x5.0 delivers 68% longer run time than its predecessor at the same size and weight.
- Ergonomic: patent-pending dual side button designed for easier battery installation.
- Durability: The intelligent Battery Management System (BMS) allows the battery to communicate with the tool and charger to offer triple battery protection, prevent over loading, over charging and over discharging for longer tool and battery life.

Protection Boot

**BL2010-BOOT**
CCN: 47510964001

## BC1110-EU
Charger 12 V batteries



- Performance: Brings fully depleted battery to 100% charge in about an hour
- Durability: Engineered composite housing withstands wear, abrasions, drops, and can be securely screw mounted to a wall or toolbox

## BC1121-EU
Charger 12/20 V batteries



- Versatility: One charger for all your Ingersoll Rand batteries, fully compatible with all existing 20 V and 12 V batteries and that can charge USB mobile devices
- Durability: Engineered composite housing withstands wear, abrasions, drops, and can be securely screw mounted to a wall or toolbox

| Ref. | CCN | V | g |
|---|---|---|---|
| BL1203 | 24206179 | 12 | 0.25 |
| BL2012 | 47515903001 | 20 | 0.41 |
| BL2022 | 47515902001 | 20 | 0.72 |
| BC1110-EU | 47499973001 | 12 | – |
| BC1121-EU | 47507874001 | 12/20 | – |



Even though you never know what challenge the day will bring, one thing is certain – **the Impact Wrench range has the power to answer it.**

## Air Impact Wrenches


16 | 1/4" and 3/8"
20 | 1/2"
24 | 3/4"
26 | 1" (pistol and rear handle)
30 | Accessories
33 | Service Kits


*Torque is key to Jose dos Santos. With Ingersoll Rands industry-leading range of Air Impact Wrenches he has all the power he needs at his fingertips. After having tested them, the tools have proven to deliver more performance than he was expecting. And the wide range of sizes offers him the perfect match for his workplace.*

*Jose dos Santos, Bilbao*

# Air Impact Wrenches



## 2101XPA
**1/4"** ■ Ring type



- Powerful impact mechanism delivers 75 Nm of max torque
- Hard-hitting five-vane motor for smooth and robust performance
- Easily accessible forward/reverse switch for one-handed operation
- Ideal for those hard-to-reach places where conventional tools can't go

Also available
**2102XPA**
3/8" Ring type
**2101XPA-QC**
1/4" Hex Quick change

Available in kits
**2101KA**
CCN: 47520766001



Includes 1/4" impact and 10 sockets set

| Ref. | CCN | in | Nm | Nm | rpm | bpm | kg | mm | in | mm | l/s | l/s | dB(A) | $m/s^2/K^{(1)}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2101XPA | 47520745001 | ¼"□ | 75 | 75 | 14,500 | 3,650 | 0.70 | 175 | 1/4 NPT | 10 | 4.7 | – | 84.8 | 3.0/1.0 |
| 2102XPA | 47520747001 | ⅜"□ | 75 | 75 | 14,500 | 3,650 | 0.70 | 175 | 1/4 NPT | 10 | 4.7 | – | 84.8 | 3.0/1.0 |
| 2101XPA-QC | 47520746001 | ¼"⬡ | 75 | 75 | 14,500 | 3,650 | 0.70 | 183 | 1/4 NPT | 10 | 4.7 | – | 84.8 | 3.0/1.0 |

(1) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)



# Air Impact Wrenches | 1/4" and 3/8"

## 2115QTiMAX
**3/8"** ■ Ring type



- 407 Nm of maximum torque in reverse
- Only 1.13 kg and 151 mm
- Twin-hammer impact mechanism
- Titanium hammer case and composite housing
- 4-position power regulator
- 1-hand forward and reverse switch
- Two-year warranty

Protection Boot
**2115M-BOOT**
CCN: 45602174

## 15QMAX
**3/8"** ■ Ring type



- Delivering 520 Nm of maximum reverse torque at only 1.09 kg
- Push buttons for one-hand forward/ reverse
- 3-mode selection power regulator
- 117 mm length
- Quiet Tool
- Two-year warranty

Protection Boot
**35-BOOT**
CCN: 47555720001

## 2015MAX
**3/8"** ■ Ring type



- 244 Nm of maximum torque in reverse
- Only 1.54 kg
- Jumbo-hammer impact mechanism
- Composite housing
- 2-position power regulator

Protection Boot
**2015-BOOT**
CCN: 47109715IRI

| Ref. | CCN | in | Nm | Nm | rpm | bpm | kg | mm | in | mm | l/s | l/s | dB(A) | $m/s^2/K^{(1)}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2115QTiMAX | 45587326 | ⅜"□ | 407 | 312 | 1,500 | 1,500 | 1.13 | 151 | 1/4 NPT | 10 | 1.9 | 8.00 | 93.2 | 7.5/1.8 |
| 15QMAX | 47544405001 | ⅜"□ | 520 | 420 | 6,000 | 1,350 | 1.09 | 117 | 1/4 NPT | 10 | 1.9 | 8.02 | 89.7 | 5.5/0.9 |
| 2015MAX | 45533775 | ⅜"□ | 244 | 190 | 7,100 | 2,100 | 1.54 | 332 | 1/4 NPT | 10 | 1.6 | 9.00 | 96.6 | 17.4/3.0 |

(1) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)

# **Air Impact Wrenches** | 1/4" and 3/8"

## 2115QXPA
**3/8"** ■ Ring type



- 407Nm of Max reverse torque
- Only 1.1 kg and 155 mm
- Twin-hammer impact mechanism
- 4 position power regulation
- 1-hand forward and reverse switch
- Quiet Tool

Protection Boot
**2115M-BOOT**
CCN: 45602174

## 212
**3/8"** ■ Ring type



- 244 Nm of maximum torque in reverse
- Pressure-feed lubrication system automatically greases the impact mechanism for increased durability and reliability
- Wide range of power regulator settings helps adjusting the power to the application

## LA158
**3/8"** ■ Ring type



- 136 Nm of maximum torque in reverse
- Small size to allow greater access to tight spaces
- Easy glide forward/reverse switch
- Wide range of power regulator settings helps adjusting the power to the application

| Ref. | CCN | in | Nm | Nm | rpm | bpm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2115QXPA | 2115QXPA | 3/8" | 407 | 312 | 15,000 | 1,500 | 1.10 | 155 | 1/4 NPT | 10 | 1.9 | 8.00 | 93,2 | 7,5/1,8 |
| 211 | 01197060 | 3/8" | 204 | 170 | 1,000 | 1,500 | 1.09 | 168 | 1/4 NPT | 10 | 1.2 | 5.20 | 104.0 | 5.9/1.6 |
| LA158 | 49825870 | 3/8" | 136 | 100 | 1,000 | 1,400 | 1.25 | 137 | 1/4 NPT | 10 | 1.9 | 7.50 | 88.4 | 3.3/1.1 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)



# **Air Impact Wrenches** | 1/4" and 3/8"

## 211
**3/8"** ■ Ring type



- 204 Nm of maximum torque in reverse
- Only 1.09 kg
- Jumbo-hammer impact mechanism
- 5-position power regulator

## 216B
**3/8"** ■ Ring type



- 271 Nm of maximum torque in reverse
- Only 1.27 kg
- Ball & cam impact mechanism
- Power regulator

| Ref. | CCN | in | Nm | Nm | rpm | bpm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 212 | 01197003 | 3/8" | 244 | 170 | 1,000 | 1,500 | 1.31 | 152 | 1/4 NPT | 10 | 1.2 | 5.20 | 97.5 | 6.5/1.0 |
| 216B | 46806600 | 3/8" | 271 | 217 | 8,500 | 1,600 | 1.27 | 196 | 1/4 NPT | 10 | 1.4 | 9.00 | 90.0 | 5.2/1.0 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)

# Air Impact Wrenches



## 36QMAX
**1/2"** ■ Ring type



- Delivering 640 Nm of maximum reverse torque and 815 Nm of nut busting torque at only 1.09 kg
- Push for one-hand forward / reverse
- 117 mm length
- Twin-Hammer mechanism for low vibrations
- Quiet Tool

Protection Boot
**35-BOOT**
CCN: 47555720001

| Ref. | CCN | in | Nm MAX | Nm | rpm 1 min. | bpm 1 min | kg | mm L | in | mm | l/s | l/s MAX. | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36QMAX | 36QMAX | ½" | 640 | 520 | 8,000 | 1,300 | 1.09 | 117 | 1/4 NPT | 10 | 1.9 | 8.20 | 91.3 | 8.1 / 1.2 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)



# Air Impact Wrenches | 1/2"

## 2235QTiMAX
**1/2"** ■ Ring type



- MAX POWER with 1,220 Nm of maximum torque in reverse and 1,760 Nm of nut busting torque
- MAX DURABILITY with the titanium hammercase, the steel-wear plate and composite housing
- MAX RELIABILITY backed by a two-year warranty

Also available
**2235QTIMAX-2**

Protection Boot
**2235M-BOOT**
CCN: 47520153001

Available in kits
**2235QTiMAX-10SK** 10 sockets kit
CCN: 47521865001
**2235QTiMAX-3SK** 3 long sockets kit
CCN: 47521867001



2235QTiMAX + Impact Sockets 1/2"
(10, 11, 12, 13, 14, 17, 19, 21, 22, and 24 mm)

## 2125QTiMAX
**1/2"** ■ Ring type



- 450 Nm of maximum torque in reverse
- Only 1.14 kg and 155 mm
- Twin-hammer impact mechanism
- Titanium hammer case and composite housing
- 1-hand forward and reverse switch
- Two-year warranty

Protection Boot
**2115M-BOOT**
CCN: 45602174

## 2025MAX
**1/2"** ■ Ring type



- 244 Nm of maximum torque in reverse
- Only 1.54 kg
- Jumbo-hammer impact mechanism
- Composite housing
- 2-position power regulator

Protection Boot
**2015-BOOT**
CCN: 47109715IRI

| Ref. | CCN | in | Nm MAX | Nm | rpm 1 min. | bpm 1 min | kg | mm L | in | mm | l/s | l/s MAX. | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2235QTiMAX | 47517574001 | ½" | 1,220 | – | 8,500 | 1,220 | 2.10 | 193 | 1/4 NPT | 10 | – | 11.30 | 91.9 | 9.0/2.8 |
| 2235QTIMAX-2 | 47517884001 | ½" | 1,220 | – | 8,500 | 1,220 | 2.20 | 244 | 1/4 NPT | 10 | – | 11.00 | 91.9 | 7.7/2.7 |
| 2125QTiMAX | 45587524 | ½" | 450 | 340 | 1,500 | 1,500 | 1.14 | 155 | 1/4 NPT | 10 | 1.9 | 8.00 | 93.2 | 7.5/1.8 |
| 2025MAX | 47099247 | ½" | 244 | 190 | 7,100 | 1,500 | 1.54 | 332 | 1/4 NPT | 10 | 1.7 | 9.00 | 96.6 | 17.4/3.0 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)

# Air Impact Wrenches | 1/2"

## 2235QXPA
**1/2"** ■ Ring type



- 1,220 Nm of maximum torque in reverse and 1,760 Nm of nut-busting torque
- Quiet technology
- Only 2,1 kg

Protection Boot
**2235M-BOOT**
CCN: 47520153001

## 2135QXPA
**1/2"** ■ Ring type



- 1,057 Nm of maximum torque in reverse and 1,490 Nm of nut busting torque
- Quiet technology
- Only 1.80 kg
- 4-position power regulator and 1-hand forward and reverse switch

Also available
**2135QXPA-2**
Ring type, long anvil 50 mm

**2135QTL-2**
1/2'' Extended / Torque limited
75-100 Nm

Protection Boot
**2135M-BOOT**
CCN: 45545977

Available in kits
**2135QXPA-10SK** 10 sockets kit
CCN: 47521891001
**2135QXPA-3SK** 3 long sockets kit
CCN: 47521896001



2135QXPA + Impact Sockets 1/2"
(10, 11, 12, 13, 14, 17, 19, 21, 22, and 24 mm)

## 2130XP
**1/2"** ■ Ring type



- 816 Nm maximum torque in reverse
- Ergonomic composite housing is light-weight, protects from cold air, and offers great operator comfort
- Full-stroke tease throttle
- Multi-position power management and easy glide forward/reverse switch

Protection Boot
**2130-BOOT**
CCN: 45505369

Available in kits
**2130XP+SK4M3L** 3 long sockets kit
CCN: 17021346
**2130XP-K** 10 sockets kit
CCN: 16985301



2130XP + Long Impact Sockets, insulated, thin-wall 1/2" (17, 19, and 21 mm)

| Ref. | CCN | in | Nm MAX | Nm | rpm 1 min. | bpm 1 min | kg | mm L | in | mm | l/s | l/s MAX. | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2235QXPA | 47532836001 | ½" | 1,220 | – | 8,500 | 1,220 | 2.10 | 193 | 1/4 NPT | 10 | 0.0 | 11.30 | 91.9 | 9.0/2.8 |
| 2135QXPA | 47517913001 | ½" | 1,057 | 746 | 9,800 | 1,250 | 1.80 | 187 | 1/4 NPT | 10 | 0.0 | 10.80 | 90.7 | 13.3/4.6 |
| 2135QXPA-2 | 47517914001 | ½" | 1,057 | 746 | 9,800 | 1,250 | 1.90 | 241 | 1/4 NPT | 10 | 0.0 | 10.80 | 90.7 | 9.7/1.8 |
| 2135QTL-2 | 2135QTL-2 | ½" | 1,057 | 75-100 | 11,000 | 1,250 | 2.00 | 242 | 1/4 NPT | 10 | 2.3 | 11.30 | 95.4 | 13,8 / 4,8 |
| 2130XP | 80136112 | ½" | 816 | 474 | 9,500 | 1,200 | 1.90 | 187 | 1/4 NPT | 10 | 2.1 | 10.40 | 94.3 | 8.9/2.0 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)



# Air Impact Wrenches | 1/2"

## 231GXP
**1/2"** ■ Ring type



- 610 Nm
- Twin-hammer impact mechanism
- Steel hammer case
- 5-position power regulator

Protection Boot
**231-BOOT**
CCN: 45505427

Available in kits
**231GXP-K** 10 sockets kit
CCN: 17000639



231GXP + Impact Sockets 1/2"
(10, 11, 12, 13, 14, 17, 19, 21, 22, and 24 mm)

## 236
**1/2"** ■ Ring type



- 610 Nm of maximum torque in reverse
- Pressure-fed lubrication
- Feather-touch trigger allows precise delivery of power and speed

Protection Boot
**236-BOOT**
CCN: 45528148

Available in kits
**236-SK** 10 sockets kit
CCN: 17020843



236 + Impact Sockets 1/2"
(10, 11, 12, 13, 14, 17, 19, 21, 22, and 24 mm)

| Ref. | CCN | in | Nm MAX | Nm | rpm 1 min. | bpm 1 min | kg | mm L | in | mm | l/s | l/s MAX. | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 231GXP | 10566255 | ½" | 610 | 407 | 8,000 | 1,200 | 2.63 | 185 | 1/4 NPT | 10 | 2.0 | 10.30 | 91.5 | 6.3/2.1 |
| 236 | 80171879 | ½" | 610 | 271 | 7,400 | 1,200 | 2.40 | 180 | 1/4 NPT | 10 | 2.0 | 11.30 | 90.3 | 12.0/1.0 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)

# Air Impact Wrenches



## 2145QiMAX
**3/4"** ■ Short anvil



- 1,830 Nm of maximum torque in reverse
- Ergonomic composite housing is lightweight, protects from cold air and offers great operator comfort
- The low weight of this tool will reduce operator fatigue
- 360° swivel inlet helps eliminate twisted hoses
- Two-year warranty

Protection Boot
**2145M-BOOT**
CCN: 48385033

Also available
**2145QiMAX-3**
Long anvil 75 mm
**2145QiMAX-6**
Long anvil 150 mm

| Ref. | CCN | in | Nm MAX | Nm | rpm 1 min. | bpm 1 min | kg | mm L | in | mm | l/s | l/s MAX. | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2145QiMAX | 45624327 | ¾"□ | 1,830 | 1,220 | 6,300 | 1,150 | 3.35 | 217 | 3/8 NPT | 13 | 4.0 | 15.10 | 96.3 | 8.7/2.7 |
| 2145QiMAX-3 | 47119524 | ¾"□ | 1,830 | 1,220 | 6,300 | 1,150 | 3.79 | 293 | 3/8 NPT | 13 | 4.0 | 15.10 | 96.3 | 8.1/1.2 |
| 2145QiMAX-6 | 47121454 | ¾"□ | 1,830 | 1,220 | 6,300 | 1,150 | 4.23 | 369 | 3/8 NPT | 13 | 4.0 | 15.10 | 96.3 | 8.1/1.2 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)



# Air Impact Wrenches | 3/4"

## 2161XP
**3/4"** ■ Short anvil



- 1,695 Nm
- Only 5.4 kg (2161XP)
- Twin-hammer impact mechanism
- Steel hammer case
- 3-position power regulator

Also available
**2161XP-6**
Long anvil 150 mm

Protection Boot
**2161-BOOT**
CCN: 45505401

## 261
**3/4"** ■ Short anvil



- 1,491 Nm
- Jumbo-hammer impact mechanism
- Steel hammer case
- 5-position power regulator

Also available
**261-3**
Long anvil 75 mm
**261-6**
Long anvil 150 mm

Protection Boot
**261-BOOT**
CCN: 45505468

## 259
**3/4"** ■ Short anvil



- 1,424 Nm
- Only 4.0 kg and 218 mm
- Swinging-hammer impact mechanism
- 2-position power regulator

Protection Boot
**259-BOOT**
CCN: 45661899

| Ref. | CCN | in | Nm MAX | Nm | rpm 1 min. | bpm 1 min | kg | mm L | in | mm | l/s | l/s MAX. | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2161XP | 01372085 | ¾"□ | 1,695 | 1,356 | 6,000 | 1,025 | 5.35 | 216 | 3/8 NPT | 13 | 4.7 | 21.50 | 94.7 | 9.8/1.8 |
| 2161XP-6 | 01372093 | ¾"□ | 1,695 | 1,356 | 6,000 | 1,025 | 5.94 | 370 | 3/8 NPT | 13 | 4.7 | 21.50 | 94.7 | 9.8/1.8 |
| 261 | 01209758 | ¾"□ | 1,491 | 813 | 5,500 | 1,000 | 5.62 | 224 | 3/8 NPT | 13 | 4.5 | 17.90 | 98.1 | 10.4/1.3 |
| 261-3 | 01211101 | ¾"□ | 1,491 | 813 | 5,500 | 1,000 | 5.90 | 300 | 3/8 NPT | 13 | 4.5 | 17.90 | 98.1 | 10.4/1.3 |
| 261-6 | 01217199 | ¾"□ | 1,491 | 813 | 5,500 | 1,000 | 6.21 | 376 | 3/8 NPT | 13 | 4.5 | 17.90 | 98.1 | 10.4/1.3 |
| 259 | 45631918 | ¾"□ | 1,424 | 1,085 | 6,500 | 1,000 | 4.00 | 218 | 3/8 NPT | 10 | 3.8 | 14.20 | 91.6 | 6.4/0.8 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)

# Air Impact Wrenches



## 2850MAX-6

**1“** ■ Long anvil 150 mm



- 2850 Nm of Max Reverse Torque
- Twin Hammer mechanism
- Built in auto lubrication system
- Light weight
- 2-Years Warranty

Also available

**2850MAX**

1" Short anvil

| Ref. | CCN | in | Nm | Nm | rpm | bpm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2850MAX | 2850MAX | 1"□ | 2,850 | 2,280 | 5,500 | 770 | 8.8 | 334 | 1/2 NPT | 19 mm | 6.6 | 26.4 | 96.7 | 12.6 / 3.6 |
| 2850MAX-6 | 2850MAX-6 | 1"□ | 2,850 | 2,280 | 5,500 | 770 | 9.8 | 486 | 1/2 NPT | 19 mm | 6.6 | 26.4 | 96.7 | 10.3 / 1.9 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)



# Air Impact Wrenches | 1" (pistol and rear angle)

## 631L

**1“** ■ Long anvil 200 mm



- 4,300 Nm of maximum torque
- Ergonomic auxiliary handle provides excellent manoeuvrability
- 4-position power regulator and forward/reverse control

## 285B-6

**1“** ■ Long anvil 150 mm



- Designed for operation at 8.3 bar dynamic (120 psi)
- 2,400 Nm
- Swinging-hammer impact mechanism
- 3-position power regulator

Also available

**285B**

1" Short anvil

## 280-6-EU

**1“** ■ Long anvil 150 mm



- 2,169 Nm
- Jumbo-hammer impact mechanism

Also available

**280-EU**

1" Short anvil

| Ref. | CCN | in | Nm | Nm | rpm | bpm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 631L | 80183171 | 1"□ | 4,300 | 3,390 | 3,500 | 700 | 16.60 | 624 | 1/2 NPT | 13 | 7.1 | 26.40 | 108.4 | 12.7/2.5 |
| 280-6-EU | 01343144 | 1"□ | 2,169 | 1,356 | 6,000 | 750 | 10.80 | 470 | 1/2 NPT | 13 | 4.7 | 26.00 | 109.1 | 21.8/3.8 |
| 280-EU | 01343193 | 1"□ | 2,169 | 1,356 | 6,000 | 750 | 9.98 | 330 | 1/2 NPT | 13 | 4.7 | 26.00 | 109.1 | 24.1/3.4 |
| 285B-6 | 80157233 | 1"□ | 2,400 | 1,220 | 5,000 | 700 | 12.60 | 519 | 1/2 NPT | 13 | 4.7 | 17.50 | 99.8 | 9.0/2.7 |
| 285B | 80157209 | 1"□ | 2,400 | 1,220 | 5,000 | 700 | 11.20 | 360 | 1/2 NPT | 13 | 4.7 | 17.50 | 99.8 | 8.0/1.2 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)

# **Air Impact Wrenches** | 1" (pistol and rear angle)

## 2175MAX
**1"** ■ Short anvil



- 2715 Nm of Max Reverse Torque
- Twin Hammer mechanism
- Built in auto lubrication system
- Ready for exhaust connection
- 2-Years Warranty

Also available
**2175MAX-6**
Long anvil 150 mm

## 295A
**1"** ■ Short anvil



- Designed for operation at 8.3 bar dynamic (120 psi)
- 2,400 Nm
- Swinging-hammer impact mechanism
- 3-position power regulator

Also available
**295A-6**
Long anvil 150 mm

Protection Boot
**295-BOOT**
CCN: 45505484

## 2171XP
**1"** ■ Short anvil



- 1,695 Nm
- Only 5.47 kg (2171XP)
- Twin-hammer impact mechanism
- Steel hammer case
- 3-position power regulator

Protection Boot
**2161-BOOT**
CCN: 45505401

| Ref. | CCN | in | Nm MAX | Nm | rpm 1 min. | bpm 1 min | kg | mm L | in | mm | l/s | l/s MAX. | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2175MAX | 2175MAX | 1"□ | 2,715 | 2,170 | 4,500 | 740 | 8.2 | 254 | 1/2 NPT | 19 mm | 6.7 | 26.8 | 101.5 | 11.8/3.6 |
| 2175MAX-6 | 2175MAX-6 | 1"□ | 2,715 | 2,170 | 4,500 | 740 | 9.1 | 406 | 1/2 NPT | 19 mm | 6.7 | 26.8 | 101.5 | 11.2/3.4 |
| 295A | 80159015 | 1"□ | 2,400 | 1,220 | 5,000 | 700 | 9.98 | 290 | 1/2 NPT | 13 | 4.7 | 17.50 | 97.0 | 8.6/1.0 |
| 295A-6 | 16578734 | 1"□ | 2,400 | 1,220 | 5,000 | 700 | 11.40 | 449 | 1/2 NPT | 13 | 4.7 | 17.50 | 97.0 | 9.1/2.9 |
| 2171XP | 01378165 | 1"□ | 1,695 | 1,356 | 6,000 | 1,025 | 5.47 | 226 | 3/8 NPT | 13 | 4.7 | 21.50 | 94.7 | 10.3/1.3 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)



# **Air Impact Wrenches** | 1" (pistol and rear angle)

## 2155QiMAX
**1"** ■ Short anvil



- 1,830 Nm of maximum torque in reverse
- Ergonomic composite housing is lightweight, protects from cold air and offers great operator comfort
- The low weight of this tool will reduce operator fatigue
- 360° swivel inlet helps eliminating twisted hoses
- Two-year warranty

Protection Boot
**2145M-BOOT**
CCN: 48385033

## 271
**1"** ■ Short anvil



- 1,491 Nm
- Jumbo-hammer impact mechanism
- Steel hammer case
- 5-position power regulator

| Ref. | CCN | in | Nm MAX | Nm | rpm 1 min. | bpm 1 min | kg | mm L | in | mm | l/s | l/s MAX. | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2155QiMAX | 47123450 | 1"□ | 1,830 | 1,220 | 6,300 | 1,150 | 3.36 | 225 | 3/8 NPT | 13 | 4.0 | 15.10 | 96.3 | 8.7/2.7 |
| 271 | 01209766 | 1"□ | 1,491 | 1,224 | 5,500 | 1,000 | 5.67 | 226 | 3/8 NPT | 13 | 4.5 | 17.90 | 98.1 | 13.2/1.1 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)

# Sockets Features




Genuine Ingersoll Rand impact sockets are built of top-quality materials for performance and durability.

Our sockets come with a lifetime warranty.
Specifically designed for use with Ingersoll Rand power tools, our sockets are the perfect solution for your everyday tightening and loosening applications.

## PowerSocket™

### Get up to 50% More Power*




Even when facing the toughest crank bolt or a frozen or rusted lug nut, you won't need to switch to a bigger tool or breaker bar! Because the PowerSocket™ adds the torque you need to your favorite ½" impact wrench. It allows you to remove the most difficult fastener after just a few blows, getting the job done quickly.
Thanks to its revolutionary, patent-pending power ring design, PowerSockets™ provide up to 50% more torque* with your ½" impact wrench. Built to the same standards as our professional-grade impact sockets, they are made to last and work as hard as you.




| Part Number | CCN | Output Size | Weight kg | D1 mm | D2 mm | T mm | L mm |
|---|---|---|---|---|---|---|---|
| 6-PT PowerSocket™ | | | | | | | |
| S64M17L-PS1 | 47539801001 | 17 mm | 0.56 | 30.7 | 72.6 | 28.5 | 78 |
| S64M18L-PS1 | 47569349001 | 18 mm | 0.56 | 31.2 | 72.6 | 33.7 | 78 |
| S64M19L-PS1 | 47539800001 | 19 mm | 0.55 | 31.4 | 72.6 | 34.3 | 78 |
| S64M21L-PS1 | 47539802001 | 21 mm | 0.58 | 34.2 | 72.6 | 32.5 | 78 |
| S64M22L-PS1 | 47569350001 | 22 mm | 0.64 | 35.8 | 72.1 | 30.3 | 78 |
| S64M24L-PS1 | 47569351001 | 24 mm | 0.67 | 38.2 | 72.1 | 30.3 | 78 |
| S64M26L-PS1 | 47539803001 | 26 mm | 0.69 | 39.6 | 72.1 | 33.0 | 78 |
| S64M27L-PS1 | 47539804001 | 27 mm | 0.71 | 41.1 | 72.1 | 35.7 | 78 |



**Air Impact Wrenches** | Accessories

**SK2M12**
**1/4"** Square Drive Socket Set
CCN: 81287336



- Contains 9 standard sockets: 6, 7, 8, 9, 10, 11, 12, 13 and 14 mm
- 50 and 100 mm extensions, 3/4"F x 1/4"M adapter

**SK3M8N**
**3/8"** Square Drive Socket Set
CCN: SK3M8N



- Contains 8 standard sockets: 9, 10, 11, 13, 14, 15, 17 and 19 mm

**SK4M14N**
**1/2"** Square Drive Socket Set
CCN: SK4M14N



- Contains 14 standard sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 26 and 27 mm

**SK4M18N**
**1/2"** Square Drive Socket Set
CCN: SK4M18N



- Contains 9 standard sockets: 10, 11, 13, 14, 17, 19, 21, 22 and 24 mm
- 4 deep sockets 13, 14, 21 and 24 mm
- 3 deep/thin wall sockets 17, 19 and 21 mm
- 150mm extension bar and 1/2" square drive power joint

**SK4M3LN**
**1/2"** Square Drive Socket Set
CCN: SK4M3LN



- Contains 3 deep insulated thin wall sockets: 17, 19 and 21 mm

**SK4M7UN**
**1/2"** Square Drive Socket Set
CCN: SK4M7UN



- Contains 7 universal sockets: 13, 14, 15, 17, 19, 21 and 22 mm
- Pre-fitted power joint – to facilitate handling nuts and bolts in areas with very limited accessibility

**SK4M5LN**
**1/2"** Square Drive Socket Set
CCN: SK4M5LN



- Contains 15 deep sockets: 17, 19, 21, 22 and 24 mm

**SK6M6LN**
**3/4"** Square Drive Socket Set
CCN: SK6M6LN



- Contains 6 deep sockets: 24, 27, 30, 32, 33 and 36 mm

**SK8M4LN**
**1"** Square Drive Socket Set
CCN: SK8M4LN



- Contains 4 long sockets: 27, 30, 32 and 33 mm

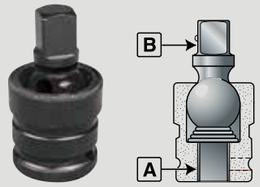
## Impact Socket Extensions




| | Square drive | Length (mm) | Recommended retaining ring |
|---|---|---|---|
| E24H | 1/4" | 100 | – |
| E26H | 1/4" | 150 | – |
| E33H | 3/8" | 75 | RR10003 |
| E36H | 3/8" | 150 | RR10003 |
| E312H | 3/8" | 300 | RR10003 |
| E43H | 1/2" | 75 | RR10006 |
| E45H | 1/2" | 125 | RR10006 |
| E47H | 1/2" | 175 | RR10006 |
| E410H | 1/2" | 250 | RR10006 |
| E424H | 1/2" | 600 | RR10006 |

| | Square drive | Length (mm) | Recommended retaining ring |
|---|---|---|---|
| E63H | 3/4" | 75 | RR10034S |
| E67H | 3/4" | 175 | RR10034S |
| E610H | 3/4" | 250 | RR10034S |
| E83H | 1" | 75 | RR10015S |
| E87H | 1" | 175 | RR10015S |
| E810H | 1" | 250 | RR10015S |
| E813H | 1" | 330 | RR10015S |

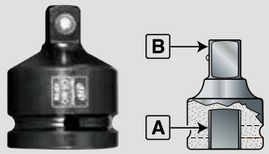
## Universal Joints




Universal Joint

| | A (mm) | B (mm) | Recommended retaining ring |
|---|---|---|---|
| J2 | 1/4" | 1/4" | – |
| J3 | 3/8" | 3/8" | – |
| J4 | 1/2" | 1/2" | – |
| J6 | 3/4" | 3/4" | RR10034S |
| J8 | 1" | 1" | RR10015S |

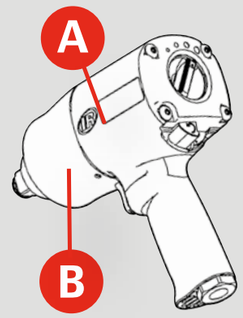
## Adapters




| | A (mm) | B (mm) | Recommended retaining ring |
|---|---|---|---|
| A2F3M | 1/4" | 3/8" | – |
| A3F2M | 3/8" | 1/4" | RR10003 |
| A3F4M | 3/8" | 1/2" | RR10003 |
| A4F3M | 1/2" | 3/8" | RR10006 |
| A4F6M | 1/2" | 3/4" | RR10008 |
| A6F4M | 3/4" | 1/2" | RR10034S |
| A6F8M | 3/4" | 1" | RR10034S |
| A8F6M | 1" | 3/4" | RR10015S |







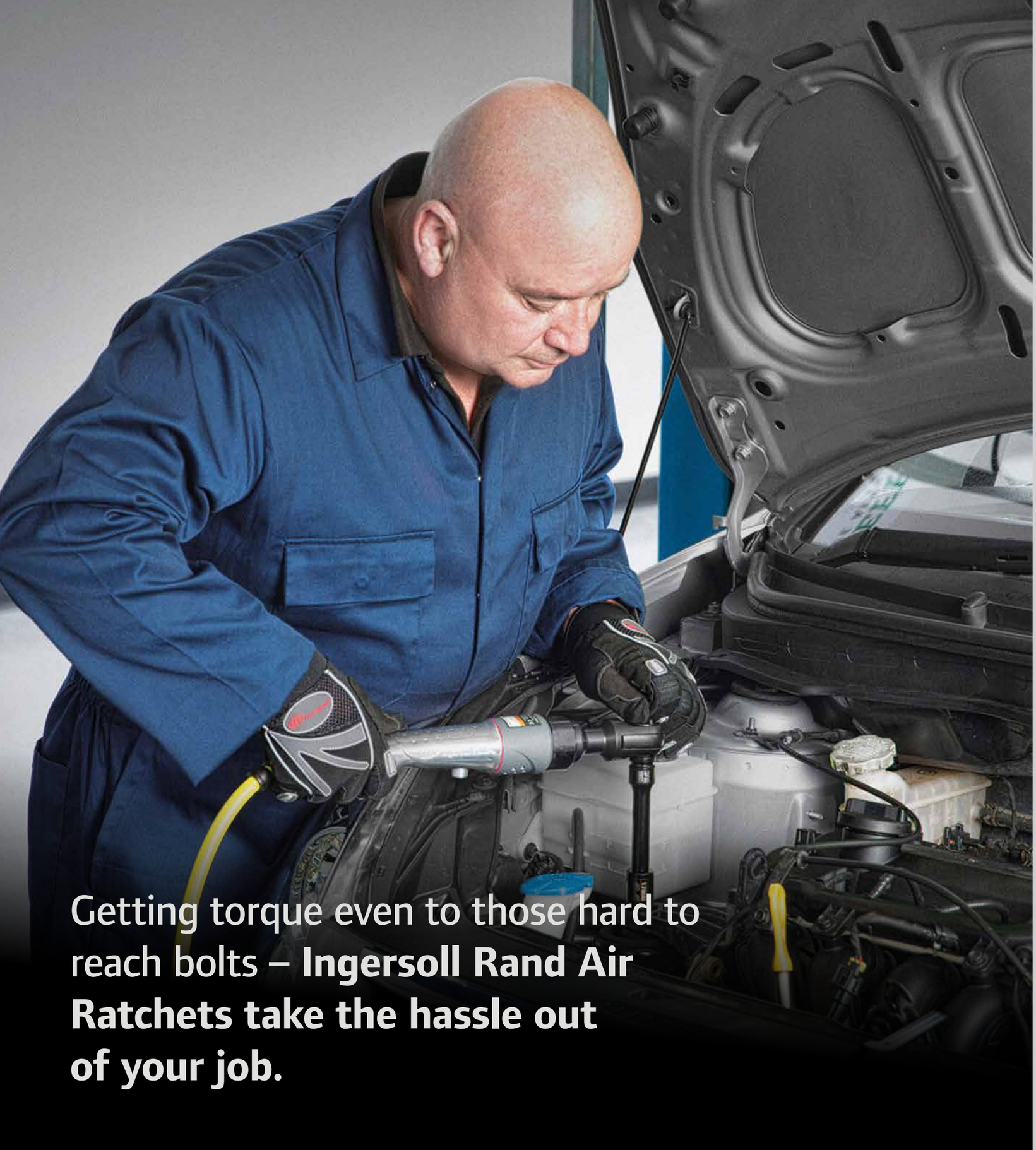




A: Tune-up kit
B: Hammer mechanism kit

| | A | B |
|---|---|---|
| **1/4" and 3/8"** | **CCN** | **CCN** |
| 1105MAX-D2 | 45668456 | 45668522 |
| 105-D2 | 45668142 | 45668522 |
| 2115QTiMAX | 45585189 | 45585932 |
| 2115QXPA | 45585189 | 45585932 |
| 15QMAX | 4762155001 | 47562154001 |
| 212 | 03866522 | — |
| 211 | 03866449 | — |
| LA158 | 49827108 | 49827090 |
| 109XPA | 16594160 | 16594384 |
| 107XPA | 80146491 | 16590416 |
| 1207MAX-D3 | 47085931 | 47086368 |
| 1105MAX-D3 | 45668456 | 45668563 |
| 105-D3 | 45668142 | 45668563 |
| **1/2"** | **CCN** | **CCN** |
| 36QMAX | 4762155001 | 47562154001 |
| 2135QXPA | 45535028 | 80119571 |
| 2135QXPA-2 | 45535028 | 80119662 |
| 2235QXPA | 47517401001 | 47517319001 |
| 2235QTiMAX | 47517401001 | 47517319001 |
| 2235QTiMAX-2 | 47517401001 | 47517319001 |
| 2130XP | 80142375 | 80140528 |
| 1099XPA | 16594160 | 16594392 |
| 1077XPA | 80146491 | 16590424 |
| 1770 | – | 80147077 |
| 2125QTiMAX | 45585189 | 45585932 |
| 2025MAX | 47100474 | 47100359 |

| | A | B |
|---|---|---|
| **3/4"** | **CCN** | **CCN** |
| 2145QiMAX | 47100011 | 47102561 |
| 2145QiMAX-3 | 47100011 | 47102561 |
| 2145QiMAX-6 | 47100011 | 47102561 |
| 2161XP | 04621744 | – |
| 2161XP-6 | 04621744 | – |
| 261 | 03866597 | 22039259 |
| 261-3 | 03866597 | – |
| 261-6 | 03866597 | – |
| 259 | 45663796 | 45663853 |
| **1" pistol** | **CCN** | **CCN** |
| 2175MAX | 47629423001 | 47584530001 |
| 2175MAX-6 | 47629423001 | 47584530001 |
| 295A | 16590242 | – |
| 295A-6 | 16590242 | – |
| 2155QiMAX | 47100011 | 47102561 |
| 2171XP | 04621744 | 80137698 |
| 2171XP-6 | 04621744 | 80137714 |
| 271 | 03866597 | – |
| **1" rear handle** | **CCN** | **CCN** |
| 631L | 45766789 | – |
| 2850MAX | 47584534001 | 47584530001 |
| 2850MAX-6 | 47584534001 | 47584530001 |
| 2190Ti-6 | 80137383 | 80137714 |
| 280-EU | 03866605 | – |
| 280-6-EU | 03866605 | – |
| 285B | 16578965 | – |
| 285B-6 | 16578965 | – |



Getting torque even to those hard to reach bolts – **Ingersoll Rand Air Ratchets take the hassle out of your job.**

## Air Ratchets


36 | 1/2"
37 | 3/8"
37 | 1/4"


*When Mies van der Rijn has a job to do, he wants to get it done. Loosening and tightening nuts and bolts has to feel natural to him, even in the most remote nook or corner. With the excellent ergonomic and versatility of Ingersoll Rand's compact ratchets, he has found a forceful partner for life.*

*Mies van der Rijn, Rotterdam*

# Air Ratchets



## 1099XPA
**1/2“ ■**



- 103 Nm and 220 rpm
- Variable speed lever
- 360° adjustable exhaust

Also available
**109XPA**
3/8“

| Ref. | CCN | in | Nm MAX | Nm | rpm 1 min. | kg | mm L | in | mm | l/s | l/s MAX. | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1099XPA | 80181001 | ½"□ | 103 | 87 | 220 | 1.51 | 306 | 1/4 NPT | 10 | 1.9 | 11.30 | 92.4 | 2.5/0.7 |
| 109XPA | 16578700 | ⅜"□ | 103 | 87 | 220 | 1.50 | 306 | 1/4 NPT | 10 | 1.9 | 11.30 | 92.4 | 2.5/0.7 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



# Air Ratchets | 1/4" | 3/8" | 1/2"

## 1105MAX-D3
**3/8“ ■**



- 41 Nm and 300 rpm
- Only 0.65 kg and 187 mm
- Composite housing
- Power regulator
- Variable speed lever

Also available
**1105MAX-D2**
1/4"

Protection Boot
**103-BOOT**
CCN: 45505310

## 1207MAX-D4
**1/2“ ■**



- 88 Nm and 200 rpm
- Composite housing
- Power regulator
- Variable speed lever
- 360°adjustable exhaust

Also available
**1207MAX-D3**
3/8“

## 1077XPA
**1/2“ ■**



- 73 Nm and 160 rpm
- Variable speed lever
- 360° adjustable exhaust

Also available
**107XPA**
3/8“

Protection Boot
**107-BOOT**
CCN: 45505328

## 105-D3
**3/8“ ■**



- 34 Nm and 250 rpm
- Only 0.64 kg and 186 mm
- Variable speed lever

Also available
**105-D2**
1/4“

Protection Boot
**103-BOOT**
CCN: 45505310

## 1770
**1/2“ ■**



- 81 Nm of maximum torque
- Heat-treated head provides exceptional durability
- Variable speed lever allows precise delivery of power

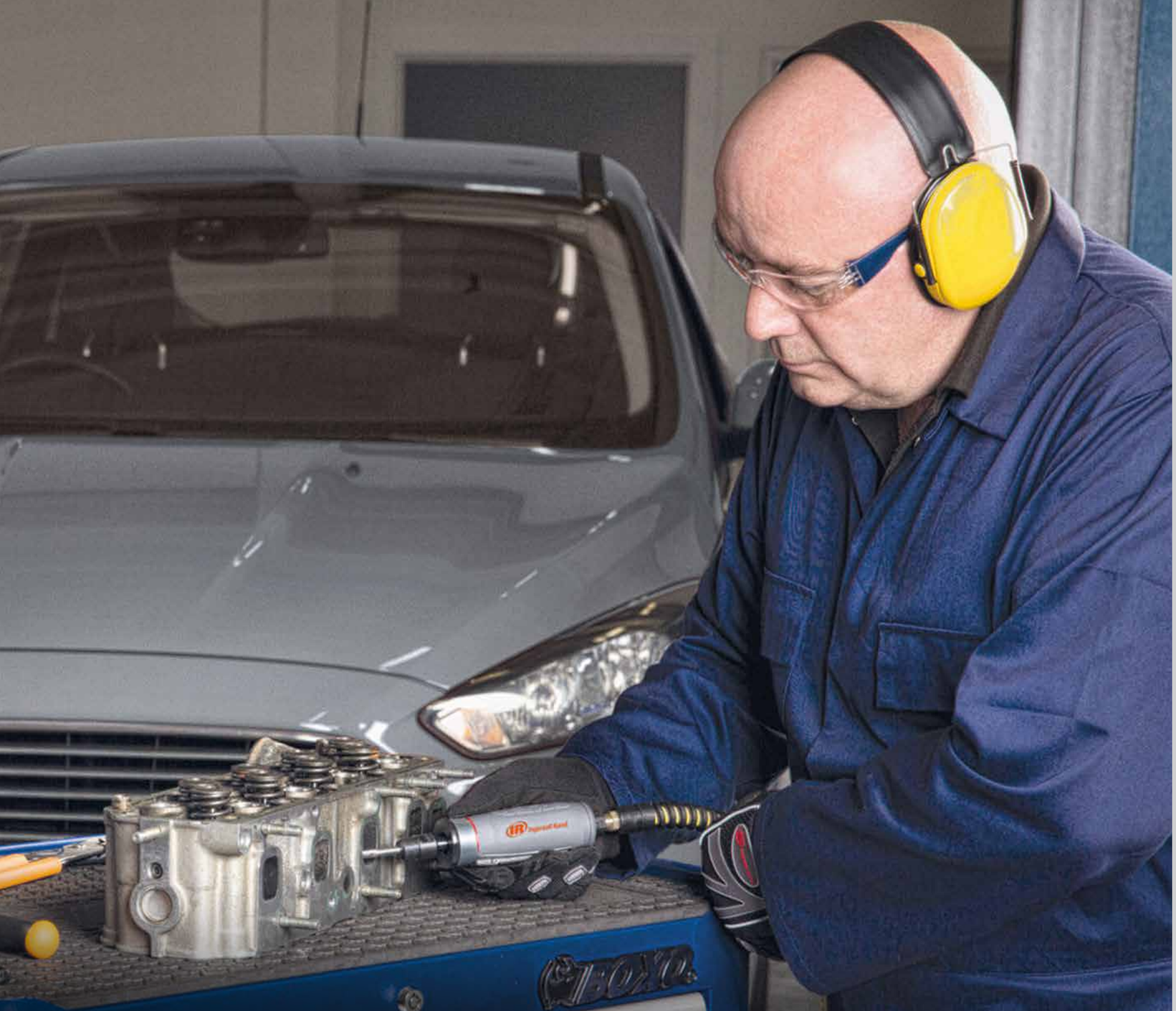
Also available
**170**
3/8“

| Ref. | CCN | in | Nm MAX | Nm | rpm 1 min. | kg | mm L | in | mm | l/s | l/s MAX. | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1105MAX-D3 | 45649480 | ⅜"□ | 41 | 34 | 300 | 0.65 | 187 | 1/4 NPT | 10 | 1.6 | 9.40 | 88.9 | 5.7/1.0 |
| 1105MAX-D2 | 45649035 | ¼"□ | 41 | 34 | 300 | 0.65 | 187 | 1/4 NPT | 10 | 1.6 | 9.40 | 88.9 | 5.7/1.0 |
| 1207MAX-D4 | 45654225 | ½"□ | 88 | 81 | 200 | 1.45 | 275 | 1/4 NPT | 10 | 1.9 | 10.80 | 85.0 | 3.2/1.1 |
| 1207MAX-D3 | 45643276 | ⅜"□ | 88 | 81 | 200 | 1.45 | 275 | 1/4 NPT | 10 | 1.9 | 10.80 | 85.0 | 3.2/1.1 |
| 1077XPA | 80171853 | ½"□ | 73 | 61 | 160 | 1.25 | 276 | 1/4 NPT | 10 | 1.9 | 8.80 | 94.4 | < 2.5 |
| 107XPA | 80171705 | ⅜"□ | 73 | 61 | 160 | 1.24 | 276 | 1/4 NPT | 10 | 1.9 | 8.80 | 94.4 | < 2.5 |
| 105-D3 | 45649738 | ⅜"□ | 34 | 27 | 220 | 0.64 | 186 | 1/4 NPT | 10 | 1.4 | 8.50 | 81.8 | 5.1/0.9 |
| 105-D2 | 45649571 | ¼"□ | 34 | 27 | 220 | 0.64 | 186 | 1/4 NPT | 10 | 1.4 | 8.50 | 81.8 | 5.1/0.9 |
| 1770 | 80103799 | ½"□ | 81 | 81 | 160 | 1.17 | 262 | 1/4 NPT | 10 | 1.9 | 10.00 | 94.8 | 2.8/0.7 |
| 170 | 80103781 | ⅜"□ | 81 | 81 | 160 | 1.16 | 262 | 1/4 NPT | 10 | 1.9 | 10.00 | 94.8 | 2.8/0.7 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

# Air Grinders


40 | Die Grinders
43 | Wheel Grinders

**Impressive performance and ultimate precision** – The throttle of Ingersoll Rand air grinders really puts you in the driver's seat.

*With the sheer power a grinder needs, control is of the essence for Tomasz Głacz. Because he always aims for maximum precision. Working with a compact, lightweight Ingersoll Rand grinder, he hasn't only come to love the handling but also is a good deal more efficient.*

*Tomasz Głacz, Krakow*

# Air Grinders




**5102MAX**
Angle



- 0.30 kW
- 20,000 rpm
- Only 0.64 kg and 178 mm
- Composite housing
- Contains: 1/4" and 6 mm collets

Also available
**5108MAX**
Straight



- 0.30 kW
- 20,000 rpm
- Only 0.64 kg and 178 mm
- Composite housing
- Contains: 1/4" and 6 mm collets

| Ref. | CCN | mm | kWatt kW | 1 min. rpm | kg | L mm | in | mm | l/s | MAX. l/s | dB(A) | $m/s^2/K^{(1)}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5102MAX | 48488357 | 1/4" + 6 | 0.30 | 20,000 | 0.64 | 180 | 1/4 NPT | 10 | 2.8 | 11.80 | 84.1 | 3.3/1.1 |
| 5108MAX | 48488340 | 1/4" + 6 | 0.30 | 25,000 | 0.46 | 172 | 1/4 NPT | 10 | 2.8 | 11.80 | 83.3 | 1.8/0.8 |

(1) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



# Air Grinders | Die Grinders

**308B**
Straight



- 0.25 kW
- 25,000 rpm
- Only 0.46 kg and 172 mm
- Contains: 1/4" and 6 mm collets

**302B**
Angle



- 0.25 kW
- 20,000 rpm
- Only 0.58 kg and 175 mm
- Contains: 1/4" and 6 mm collets

**307B**
Straight



- 0.19 kW
- 28,000 rpm
- Only 0.33 kg and 125 mm
- Contains: 1/4" and 6 mm collets

| Ref. | CCN | mm | kWatt kW | 1 min. rpm | kg | L mm | in | mm | l/s | MAX. l/s | dB(A) | $m/s^2/K^{(1)}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 308B | 48488332 | 1/4" + 6 | 0.25 | 25,000 | 0.46 | 172 | 1/4 NPT | 10 | 3.3 | 13.20 | 92.0 | 3.7/1.2 |
| 302B | 48488365 | 1/4" + 6 | 0.25 | 20,000 | 0.58 | 175 | 1/4 NPT | 10 | 2.8 | 10.80 | 90.0 | 5.5/1.5 |
| 307B | 48488316 | 1/4" + 6 | 0.19 | 28,000 | 0.33 | 125 | 1/4 NPT | 10 | 2.8 | 11.30 | 83.0 | 4.5/1.1 |

(1) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

# **Air Grinders** | Die Grinders

## 301B
Angle



· 0.19 kW
· 21,000 rpm
· Only 0.46 kg and 128 mm
· Contains: 1/4" and 6 mm collets

## Replacement collets



| Ref. | CCN | diameter |
|---|---|---|
| Collets for 301B, 302B, 307B, 308B, 5102MAX, 5108MAX and LA429-EU | | |
| 301-700C | 80128952 | Ø 1/8" |
| 301-700B | 04552600 | Ø 6 mm |
| 301-700 | 80102346 | Ø 1/4" |

## LA429-EU
Straight



· 0.42 kW
· 20,000 rpm
· Only 0.54 kg
· Contains: 1/4" and 6 mm collets

| Ref. | CCN | mm | kW | rpm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 301B | 48488308 | 1/4" + 6 | 0.19 | 21,000 | 0.46 | 128 | 1/4 NPT | 10 | 2.8 | 11.30 | 91.8 | 5.9/1.0 |
| LA429-EU | 01328558 | 1/4" + 6 | 0.42 | 22,000 | 0.54 | 142 | 1/4 NPT | 10 | 1.8 | 9.00 | 91.0 | 3.2/1.7 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



# **Air Grinders** | Wheel Grinders

## 345MAX-M
125 mm (5″)



· 0.66 kW
· 12,000 rpm
· Speed governor
· Composite housing
· Piped-away exhaust system

Also available
**3445MAX-M**
115 mm (4.5")

## LA422-EU
125 mm (5″)



· 0.50 kW
· 12,000 rpm

Also available
**LA421-EU**
100 mm (4")

| Ref. | CCN | mm | mm | kW | rpm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 345MAX-M | 45664257 | 125 | M14 | 0.66 | 12,000 | 1.56 | 245 | 1/4 NPT | 10 | 4.9 | 19.30 | 79.6 | 7.9/0.7 |
| 3445MAX-M | 45664240 | 115 | M14 | 0.66 | 12,000 | 1.53 | 245 | 1/4 NPT | 10 | 4.9 | 19.30 | 79.6 | 6.4/2.0 |
| LA422-EU | 01328582 | 125 | 3/8" – 24 | 0.50 | 12,000 | 1.75 | 229 | 1/4 NPT | 10 | 2.8 | 10.40 | 85.6 | 6.0/2.1 |
| LA421-EU | 01328632 | 100 | 3/8" – 24 | 0.50 | 12,000 | 1.75 | 229 | 1/4 NPT | 10 | 2.8 | 10.40 | 85.6 | 4.8/1.4 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

# Air Finishing Tools

46 | Air Sanders and Polishers
49 | Pads, Disks and Bonnets

**For all to whom finishing is an art form** – Ingersoll Rand gives you perfect grip and the perfect tool, for whatever purpose.

*For Mustafa Belkhoda, perfect body work starts with a perfect finish. Smooth, swirl free surfaces are an accomplishment he prides himself on. Ingersoll Rand's sanders fit his hand like a glove, giving his work a sophistication that leaves him with a proud smile at the end of every day.*

*Mustafa Belkhoda, Chartres*

# Air Finishing Tools



**4151-HL**
150 mm (6"), orbit 5 mm (3/16")



Also available

**4152-HL**
150 mm (6"), orbit 2.5 mm (3/32")

**4151-HL-2**
150 mm (6"), orbit 5 mm (3/16")

- 0.15 KW (0.20 HP)
- 12,000 rpm
- Only 0.86 kg
- Composite Housing
- Auto-Balancer
- Power regulator

| Ref. | CCN | mm | mm | mm | kW | rpm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4151-HL | 1371624 | 150 | 5.00 | 5/16" - 24 | 0.15 | 12,000 | 0.86 | 190 | 1/4 NPT | 8 | 3.7 | 7.20 | 81.6 | 7.5/1.6 |
| 4151-HL-2 | 22041198 | 150 | 5.00 | 5/16" - 24 | 0.15 | 12,000 | 1.12 | 252 | 1/4 NPT | 8 | 3.7 | 7.20 | 81.6 | 6.2/1.0 |
| 4152-HL | 80134356 | 150 | 2.50 | 5/16" - 24 | 0.15 | 12,000 | 0.86 | 190 | 1/4 NPT | 8 | 3.7 | 7.20 | 81.6 | 8.2/1.7 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



# Air Finishing tools | Air Sanders and Polishers

**3103XPA**
Sander - Tool only



- 50 mm (2") and 75 mm (3")
- 0.15 kW (0.2 HP)
- 15,000 rpm
- Only 0.50 kg and 135 mm
- Composite housing
- 2-position power regulator

Available in kits
**3103KA** Kit
CCN: 47520769001



Includes 14-piece 2" (50mm) and 3" (75mm) sanding discs and pads

**3128XPA**
RO Sander - Tool only



- 75 mm (3")
- Orbit 5 mm (3/16")
- 0.15 kW (0.2 HP)
- 15,000 rpm
- Only 0.60 kg and 145 mm
- Composite housing
- 2 -position power regulator

Available in kits
**3128KA** Kit
CCN: 47520770001



Includes 71-piece hook and loop discs and pad:
- 180, 220, 320 and 800 grits aluminum oxide
- backing pad

**3129XPA**
Polisher - Tool only



- 75 mm (3")
- 0.22 kW (0.30 HP)
- 6,400 rpm
- Only 0.60 kg and 155 mm
- Composite housing
- 2-position power regulator

Available in kits
**3129KA** Kit
CCN: 47520771001



Includes four-piece hook and loop pads with foams

| Ref. | CCN | mm | mm | kW | rpm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3103XPA | 47520748001 | 50 and 75 | – | 0.15 | 15,000 | 0.50 | 135 | 1/4 NPT | 10 | 9.0 | 0.00 | 78.6 | 4.1/0.8 |
| 3128XPA | 47520749001 | 75 | 5.00 | 0.15 | 15,000 | 0.60 | 145 | 1/4 NPT | 10 | 8.6 | 0.00 | 80.9 | 5.2/1.1 |
| 3129XPA | 47520750001 | 75 | – | 0.22 | 6,400 | 0.60 | 155 | 1/4 NPT | 10 | 9.4 | 0.00 | 81.5 | 2.7/0.7 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

# **Air Finishing tools |** Air Sanders and Polishers

## 311A
150 mm (6"), orbit 5 mm (3/16")



· 150 mm (6")
· Orbit: 5 mm (3/16")
· 10,000 rpm
· Power regulator

## 313A
Tool only



· 180 mm (7")
· 0.37 kW (0.5 HP)
· 5000 rpm

Also available
**314A**
2,500 rpm

## 312A
93 x 171 mm (3.67 x 6.75")



· 0.22 kW (0.30 HP)
· 8,000 strokes per minute

Also available
**315-EU**
70 x 445 mm (2,75 x 17,5")
3,000 strokes per minute

## 317A
75 mm (3") and 125 mm (5")



· 75 mm and 125 mm
· 0.35 kW (0.45 HP)
· 18,000 rpm
· Power regulator

## 318A
Tool only



· 180 mm (7")
· 0.6 kW (0.8 HP)

Also available
**319A**
5,000 rpm

| Ref. | CCN | mm | mm | kWatt kW | 1 min. rpm | kg | mm | in | mm | l/s | MAX. l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 311A | 01365253 | 150 | 5/16" - 24 | 0.19 | 10,000 | 1.90 | 248 | 1/4 NPT | 10 | 8.0 | 11.80 | 84.3 | 32.3/5.6 |
| 317A | 80090863 | 125 | 7/16" – 20 | 0.35 | 18,000 | 1.05 | 104 | 1/4 NPT | 10 | 5.7 | 11.80 | 86.7 | 3.3/0.8 |
| 313A | 80141021 | 180 | 5/8" – 11 | 0.37 | 5,000 | 2.04 | 406 | 1/4 NPT | 10 | 3.8 | 13.70 | 88.0 | < 2.5 |
| 314A | 80141039 | 180 | 5/8" – 11 | 0.37 | 2,500 | 1.90 | 406 | 1/4 NPT | 10 | 3.8 | 13.70 | 87.0 | < 2.5 |
| 318A | 80141047 | 180 | – | 0.60 | 2,800 | 2.05 | 203 | 1/4 NPT | 10 | 2.8 | 9.90 | 85.0 | < 2.5 |
| 319A | 80141054 | 180 | 5/8" – 11 | 0.60 | 5,000 | 2.05 | 203 | 1/4 NPT | 10 | 2.8 | 9.90 | 85.0 | < 2.5 |
| 312A | 80147101 | 93 x 171 | – | 0.22 | 8,000 | 2.09 | 171 | 1/4 NPT | 10 | 4.3 | 5.70 | 86.0 | 7.7/1.5 |
| 315-EU | 1343961 | 70 x 445 | – | – | 3,000 | 2.77 | 445 | 1/4 NPT | 10 | 3.8 | 4.30 | 93.3 | 20.5/1.6 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



# **Air Finishing tools |** Pads, Disks and Bonnets

## Quick-change pads & abrasives
**50 (2") and 75 mm (3")**



## Hook-and-loop pad, discs & bonnets
**75 mm (3")**



## Accessories for 4151 and 4152



| Ref. | CCN | Description | Qty. |
|---|---|---|---|
| 50 mm (2") Diameter | | | |
| 02A-MEDPD | 80199177 | Quick-change pad with 1/4" mandrel | 1 |
| 02A-CRSBR | 80199193 | Coarse coating removal discs | 1 |
| 02A-MEDBR | 80199185 | Medium coating removal discs | 1 |
| 02A-BBCRS-25 | 80207574 | Quick-strip discs | 25 |
| 02A-036AO | 80199896 | Aluminum oxide sanding discs, grit 36 | 1 |
| 02A-036AO | 80199201 | Aluminum oxide sanding discs, grit 80 | 1 |
| 75 mm (3") Diameter | | | |
| 03A-MEDPD | 80198963 | Quick-change pad with 1/4" mandrel | 1 |
| 03A-CRSBR | 80199037 | Coarse coating removal discs | 1 |
| 03A-MEDBR-25 | 80206220 | Medium coating removal discs | 25 |
| 03A-CRSBB-10 | 80216690 | Quick-strip discs | 10 |
| 03A-036AO | 80200009 | Aluminum oxide sanding discs, grit 36 | 1 |
| 03A-080AO5 | 80199219 | Aluminum oxide sanding discs, grit 80 | 1 |
| Backer pad | | | |
| 03H-PAD-HL | 80199136 | Backer pad Ø 75 mm (3 in), hook & loop | 1 |
| Aluminum oxide sanding discs | | | |
| 03H-040AO-50 | 80207582 | Grit 40 | 50 |
| 03H-100AO-50 | 80206279 | Grit 100 | 50 |
| 03H-180AO-50 | 80206295 | Grit 180 | 50 |
| 03H-220AO-50 | 80206303 | Grit 220 | 50 |
| 03H-320AO-50 | 80206329 | Grit 320 | 50 |
| 03H-500AO-50 | 80206352 | Grit 500 | 50 |
| 03H-800AO-50 | 80205404 | Grit 800 | 50 |
| Polishing Bonnets | | | |
| 03F-SFTWL-6 | 80206170 | Wool bonnet (for compounding) | 6 |
| 03F-MEDFM-6 | 80206188 | Waffle bonnet/white (for compounding) | 6 |
| 03F-SFTFM-6 | 80206196 | Waffle bonnet/yellow (for polishing) | 6 |
| Accessories for 4151 and 4152 | | | |
| 4151JV | 04662896 | Jet-Vac conversion kit | |
| 49988 | 04324455 | Dust collection bags (20 pieces) | |
| 49987 | 04324448 | Dust collection bags (250 pieces) | |
| 4151-747B | 80095151 | Rubber grip | |
| 4151-2-747BLK | 22041941 | Rubber grip, long handle | |
| 49798 | 04248555 | Rubber grip, medium | |
| 49799 | 04248563 | Rubber grip, large | |
| 49840 | 04252938 | Rubber grips (3 pieces: small, medium and large) | |



**When hard-hitting meets minor effort** – reduce your strain and save energy for a variety of jobs within the workshop.

## Air Hammers


52 | Round Shank
53 | Needle Scaler
53 | Accessories


*Enzo Buonpensa has never cut, punched, chipped, scraped, or worked on exhaust more conveniently and swiftly. The intelligent design of the robust Ingersoll Rand Air Hammer makes it indispensable especially for extended use. That's why the new tool has really paid off quickly for him.*

*Enzo Buonpensa, Turin*

# Air Hammers



**118MAX**
Round shank



· Stroke: 89 mm
· 2,500 blows per minute
· Contains: quick-change retainer

Also available
**118MAXH**
Hexagonal shank

Available in kits
**118MAXK** Round shank
CCN: 47125877
**118MAXHK** Hexagonal shank
CCN: 46816765



Hammer + Quick-Change Retainer and 5 Chisels

| Ref. | CCN | bpm | mm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 118MAX | 47124490 | 2,500 | 89 | 2.10 | 314 | 1/4 NPT | 10 | 1.4 | 5.50 | 92.6 | 4.0/1.4 |
| 118MAXH | 46816732 | 2,500 | 89 | 2.10 | 314 | 1/4 NPT | 10 | 1.4 | 5.50 | 92.6 | 4.0/1.4 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



# Air Hammers | Round Shank | Needle Scaler | Accessories

**122MAX**
Round shank



· Stroke: 67 mm
· 3,500 blows per minute
· Contains: quick-change retainer

Also available
**122MAXH**
Hexagonal shank

Available in kits
**122MAXK** Round shank
CCN: 47125869
**122MAXHK** Hexagonal shank
CCN: 46816757



Hammer + Quick-Change Retainer and 5 Chisels

**121/Q-EU**
Round shank



· Stroke: 58 mm
· 3,000 blows per minute

Also available
**121/QH-EU**
Hexagonal shank

**125-EU**
Needle Scaler



· Stroke: 28 mm
· 4,600 blows per minute
· Contains: steel needles

**116-EU**
Round shank



· Stroke: 67 mm
· 3,500 blows per minute
· Power regulator

Also available
**116H-EU**
Hexagonal shank

Available in kits
**LA426-EU** Round shank
CCN: 01328640
**LA427-EU** Hexagonal shank
CCN: 01328590



Hammer + 6 Chisels

# Air Hammers | Accessories

- **115-183** (CCN: 03788510) spring retainer for 116-EU, 116H-EU, LA426-EU and LA427-EU
- **AVC10-183** (CCN: 03010980) spring retainer for 121/Q-EU and 121/QH-EU
- **9512** (CCN: 45563749) quick-change retainer for all models
- **9500** (CCN: 80117427) chisels, round shank (5 pieces)
- **116H-K5** (CCN: 92536093) chisels, hexagonal shank (5 pieces)



115-183



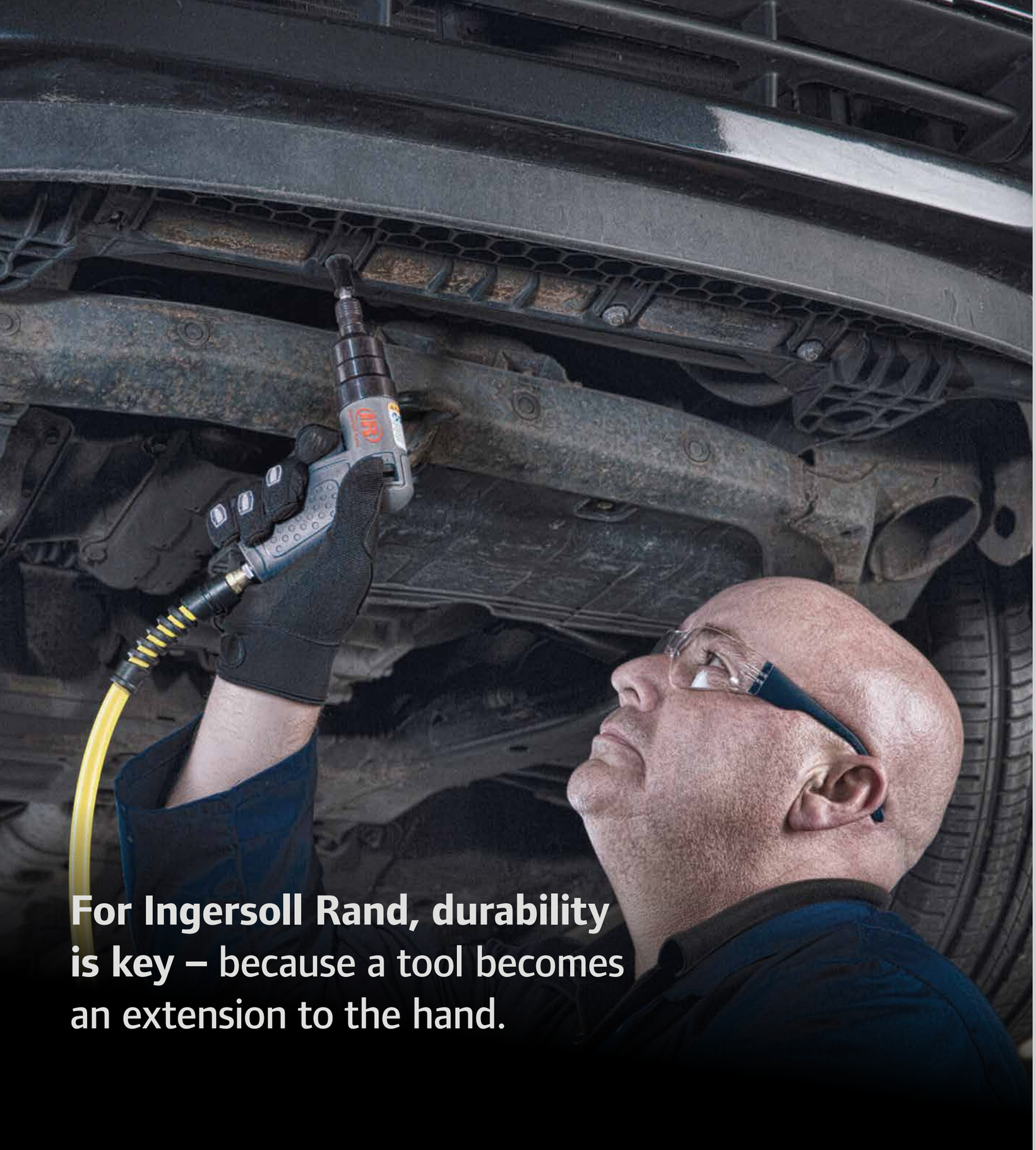
9512



9500

| Ref. | CCN | bpm | mm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122MAX | 47124482 | 3,500 | 67 | 1.80 | 218 | 1/4 NPT | 10 | 1.4 | 5.50 | 94.2 | 5.5/1.8 |
| 122MAXH | 46816740 | 3,500 | 67 | 1.80 | 218 | 1/4 NPT | 10 | 1.4 | 5.50 | 94.2 | 5.5/1.8 |
| 121/Q-EU | 01343698 | 3,000 | 58 | 1.59 | 194 | 1/4 NPT | 10 | 1.4 | 7.10 | 95.3 | 19.9/4.6 |
| 121/QH-EU | 01344944 | 3,000 | 58 | 1.59 | 194 | 1/4 NPT | 10 | 1.4 | 7.10 | 95.3 | 19.9/4.6 |
| 125-EU | 01352178 | 4,600 | 29 | 2.83 | 465 | 1/4 NPT | 8 | 3.8 | 7.10 | 96.6 | 8.3/1.3 |
| 116-EU | 01343755 | 3,500 | 67 | 1.54 | 198 | 1/4 NPT | 10 | 1.4 | 7.10 | 101.4 | 14.8/2.2 |
| 116H-EU | 01343904 | 3,500 | 67 | 1.54 | 198 | 1/4 NPT | 10 | 1.4 | 7.10 | 101.4 | 14.8/2.2 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.




# Air Drills, Screwdrivers and Specialty Tools

56 | Drills
58 | Screwdrivers
59 | Specialty Tools (incl. cutting tools)

*When the going gets tough, Knut Paulsen gets his toughest tools going. And these are his Ingersoll Rand Air Drills and Screwdrivers. Having counted on them for all purposes for years, he knows a thing or two about them: being virtually indestructible they are in high demand in the shop and best kept in the top shelf right next to him.*

*Knut Paulsen, Hamburg*

# Air Drills, Screwdrivers and Specialty Tools



**7804XPA**
Standard chuck, reversible



- 6.5 mm (1/4 in)
- 0.12 kW (0.17 HP)
- 1,600 rpm
- Only 0.8 kg and 180 mm
- Composite housing
- Reversible

Available in kits
**7804KA** Standard chuck, reversible
CCN: 47520772001



Includes 22-piece drill bit and driver set

| Ref. | CCN | SIZE mm | kWatt kW | 1 min. rpm | kg | L mm | in | mm | l/s | MAX. l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7804XPA | 47520751001 | 10 | 0.19 | 1,875 | 0.80 | 193 | 1/4 NPT | 10 | 0.9 | 7.65 | 84.3 | 2.9/0.8 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.





**7803A**
Standard chuck



- 13 mm (1/2 in) chuck
- 0.37 kW (0.50 HP)
- 500 rpm

Also available
**7803AKC**
Keyless chuck
**7803RA**
Standard chuck, reversible
**7803RAKC**
Keyless chuck, reversible

Protection Boot
**7803-BOOT**
CCN: 45524287

**7802A**
Standard chuck



- 10 mm (3/8 in) chuck
- 0.37 kW (0.50 HP)
- 2,000 rpm

Also available
**7802AKC**
Keyless chuck
**7802RA**
Standard chuck, reversible
**7802RAKC**
Keyless chuck, reversible

Protection Boot
**7802-BOOT**
CCN: 45524279

**7807R-EU**
Standard chuck, reversible



- 10 mm (3/8 in) standard chuck
- 0.25 kW (0.33 HP)
- 2,000 rpm
- Reversible

**LA410-EU**
Standard chuck



- 10 mm (3/8 in) standard chuck
- 0.25 kW (0.33 HP)
- 4,500 rpm

| Ref. | CCN | SIZE mm | kWatt kW | 1 min. rpm | kg | L mm | in | mm | l/s | MAX. l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7803A | 80113632 | 13 | 0.37 | 500 | 1.63 | 195 | 1/4 NPT | 10 | 1.9 | 12.70 | 83.0 | < 2.5 |
| 7803AKC | 10563724 | 13 | 0.37 | 500 | 1.63 | 200 | 1/4 NPT | 10 | 1.9 | 12.70 | 83.0 | < 2.5 |
| 7803RA | 80113673 | 13 | 0.37 | 500 | 1.64 | 195 | 1/4 NPT | 10 | 1.9 | 12.70 | 83.0 | < 2.5 |
| 7803RAKC | 10563732 | 13 | 0.37 | 500 | 1.64 | 200 | 1/4 NPT | 10 | 1.9 | 12.70 | 83.0 | < 2.5 |
| 7802A | 80113616 | 10 | 0.37 | 2,000 | 1.31 | 163 | 1/4 NPT | 10 | 1.9 | 12.30 | 83.0 | 2.8/0.7 |
| 7807R-EU | 01352160 | 10 | 0.25 | 1,800 | 1.07 | 206 | 1/4 NPT | 10 | 1.9 | 8.10 | 89.2 | < 2.5 |
| 7802AKC | 10563716 | 10 | 0.37 | 2,000 | 1.35 | 175 | 1/4 NPT | 10 | 1.9 | 12.30 | 83.0 | 2.8/0.7 |
| 7802RA | 80113640 | 10 | 0.37 | 2,000 | 1.30 | 163 | 1/4 NPT | 10 | 1.9 | 12.30 | 83.0 | 2.8/0.7 |
| 7802RAKC | 80147424 | 10 | 0.37 | 2,000 | 1.36 | 175 | 1/4 NPT | 10 | 1.9 | 12.30 | 83.0 | 2.8/0.7 |
| LA410-EU | 01328616 | 10 | 0.25 | 4,500 | 0.91 | 228 | 1/4 NPT | 10 | 1.4 | 12.80 | 84.9 | 2.9/0.7 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

### LA439-EU
**1/4"** Hexagonal



- 13 Nm
- 0.25 kW
- 1,800 rpm
- Adjustable clutch
- 1-hand forward and reverse switch

### LA412-EU
**1/4"** Hexagonal



- 13 Nm
- 0.25 kW
- 1,800 rpm
- Positive jaw clutch
- 1-hand forward and reverse switch

### LA413-EU
**1/4"** Hexagonal



- 13 Nm
- 0.25 kW
- 1,800 rpm
- Adjustable clutch
- 1-hand forward and reverse switch

### 371-EU
**1/4"** Hexagonal



- 13 Nm
- 0.25 kW
- 1,800 rpm
- Positive jaw clutch
- 1-hand forward and reverse switch

| Ref. | CCN | in | kWatt kW | 1 min. rpm | kg | L mm | in | mm | l/s | MAX. l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LA439-EU | 01330133 | ¼" | 0.25 | 1,800 | 1.10 | 216 | 1/4 NPT | 10 | 1.4 | 13.70 | 89.9 | < 2.5 |
| LA412-EU | 01330075 | ¼" | 0.25 | 1,800 | 1.60 | 184 | 1/4 NPT | 10 | 1.9 | 13.70 | 89.6 | < 2.5 |
| 371-EU | 01352152 | ¼" | 0.25 | 1,800 | 1.14 | 188 | 1/4 NPT | 10 | 1.9 | 10.20 | 91.0 | < 2.5 |
| LA413-EU | 01330109 | ¼" | 0.25 | 1,800 | 1.50 | 260 | 1/4 NPT | 10 | 1.4 | 8.00 | 109.2 | < 2.5 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.





### 426
Reversible cut-off tool



- 75 mm (3")
- Only 0.9 kg weight
- Composite housing
- Variable-speed lever
- Rear exhaust directs air away from the operator
- Inlcudes 5 cutting discs

### 324-1
Pin Stripe Remover



- 450 W
- Only 0.8 kg weight for a work without effort
- Variable-speed lever allows precise delivery of power and speed
- Rear exhaust directs air away from the operator
- Includes 1 rubber pad

Also available

### 324
Pin Stripe Remover kit 12 pads

### 327LS
Tire Buffer



- 0.38 kW
- 3,000 rpm
- Only 0.50 kg
- Piped-away exhaust system

### 327-EU
Tire Buffer



- 10 mm (3/8") standard chuck
- 0.38 kW
- Only 0.73 kg

| Ref. | CCN | kWatt kW | 1 min. rpm | kg | L mm | in | mm | l/s | MAX. l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 426 | 47509194001 | 0.48 | 20,000 | 0.90 | 206 | 1/4 NPT | 10 | 12.3 | 0.00 | 92.1 | 4.3/0.9 |
| 324-1 | 47515703001 | 0.45 | 3,700 | 0.80 | 200 | 1/4 NPT | 10 | 13.2 | 0.00 | 89.0 | 3.3/0.7 |
| 324 | 47509197001 | 0.45 | 3,700 | 0.80 | 200 | 1/4 NPT | 10 | 13.2 | 0.00 | 89.0 | 3.3/0.7 |
| 327-EU | 01343771 | 0.38 | 22,000 | 0.73 | 224 | 1/4 NPT | 10 | 7.1 | 12.60 | 87.9 | 4.6/1.1 |
| 327LS | 01371699 | 0.38 | – | 0.50 | – | 1/4 NPT | 10 | 6.6 | 12.60 | 77.4 | 2.5 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

## 325B
Air Nibbler



· Cutting capacity:
  1.2 mm (18-gauge, 0.05")
· 4,200 blows per minute
· Variable speed lever

## 529
Reciprocating saw



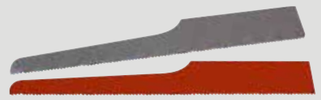
· Stroke: 10 mm
· 9,500 strokes per minute
· Only 0.54 kg
· Variable speed lever
· 360° adjustable exhaust
· Contains: blades (6 pieces)

## 4429
Reciprocating saw



· Stroke: 10 mm
· 5,000 strokes per minute
· Variable speed lever
· Piped-away exhaust system

Accessories:
**P4FS-6**
CCN: 45525474
Blades, 12 teath/cm (6 pieces)
**P4CS-6**
CCN: 45525508
Blades, 10 teath/cm (6 pieces)



## 7802SA
Air shear



· Cutting capacity:
  1.0 mm (20-gauge, 0.04")
· 4,200 blows per minute

## LA415-EU
Air Riveter



· Aluminum rivet capacity:
  2.4 – 6.35 mm (3/32 – 1/4")
· Stroke: 16 mm

| Ref. | CCN | bpm | mm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 325B | 49806568 | 4,200 | – | 1.0 | 185 | 1/4 NPT | 10 | 1.9 | 8 | 96.0 | 15.9/1.9 |
| 529 | 47125885 | 9,500 | 10 | 0.7 | 246 | 1/4 NPT | 6 | 0.5 | 1 | 84.3 | 3.1/1.0 |
| 4429 | 01371822 | 5,000 | 10 | 0.7 | 234 | 1/4 NPT | 6 | 1.9 | 4 | 66.2 | 9.5/2.4 |
| 7802SA | 80113681 | 4,200 | – | 1.3 | 239 | 1/4 NPT | 10 | 1.9 | 10 | 83.0 | 3.0/1.0 |
| LA415-EU | 01330141 | – | 16 | 2.0 | 197 | 1/4 NPT | 10 | – | 2 | 86.8 | < 2.5 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



Air Drills, Screwdrivers and Specialty Tools | Specialty Tools (incl. cutting tools)

## LA437-EU
Air Riveter



· Aluminum rivet capacity:
  2.4 – 4.75 mm (3/32 – 3/16")

## LA428-EU
Caulking gun



· Power regulator
· Cartridge size: 50 x 215 mm

## 94058
Blow Gun



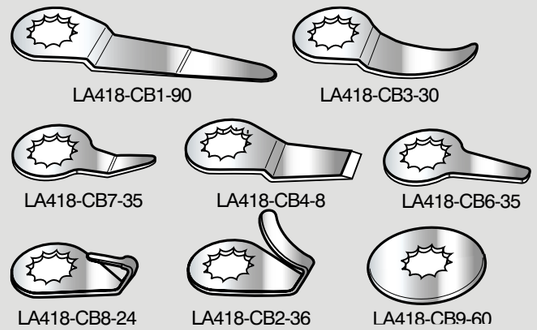
· Maximum operating pressure: 10.3 bar
· Flow 6.4 l/s
· Air inlet diameter: 1/4" BSP

## LA418A-EU
Window screen Cutter



· 20,000 strokes per minute
· Variable speed lever
· Piped-away exhaust system
· Supplied without blades
· Oscillation angle 3°

Available blades for LA418A-EU




| Ref. | CCN | mm | mm | kg | mm | in | mm | l/s | l/s | dB(A) | m/s²/K[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LA437-EU | 01328608 | 2.40 – 4.75 | 16 | 2.80 | 164 | 1/4 NPT | 10 | – | 1.80 | 89.0 | 3.2/0.7 |
| LA428-EU | 01330067 | – | 215 | 1.30 | 356 | 1/4 NPT | 10 | – | – | 70.0 | 2.5 |
| 94058 | 25011222 | – | – | – | – | 1/4 BSP | – | – | 6.40 | – | – |
| LA418A-EU | 01336353 | – | 3 | 1.00 | 208 | 1/4 NPT | 10 | 1.8 | 12.30 | 90.8 | 6.7/2.5 |

[1] ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

# Accessories


64 | Coupling and Nipples
65 | Hoses
66 | Lubricants

## Euro 7.2 - 7.4

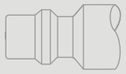






| | | Nipples BSP | | Standard couplings | | Safety couplings | | Safety couplings | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ref. | CCN | Ref. | CCN | Ref. | CCN | Ref. | CCN |
| Ø 7.2 – 7.4 mm | | | | Max: 16 bar – 25 L/s(1) | | Max: 16 bar – 25 L/s(1) | | Max: 12 bar – 30 L/s(1) | |
| Male thread | 1/4" BSP | 77NMC2 | 88104070 | 7N7CCMC2 | 25010505 | 7S7CCMC2 | 25010398 | 7S7CMC2 | 88104187 |
| | 3/8" BSP | 77NMC3 | 88104088 | 7N7CCMC3 | 25010513 | 7S7CCMC3 | 25010406 | 7S7CMC3 | 88104195 |
| | 1/2" BSP | 77NMC4 | 88104096 | 7N7CCMC4 | 25010521 | 7S7CCMC4 | 25010414 | 7S7CMC4 | 88104203 |
| Female thread | 1/4" BSP | 77NFC2 | 88104047 | 7N7CCFC2 | 25010471 | 7S7CCFC2 | 25010364 | 7S7CFC2 | 88104153 |
| | 3/8" BSP | 77NFC3 | 88104054 | 7N7CCFC3 | 25010489 | 7S7CCFC3 | 25010372 | 7S7CFC3 | 88104161 |
| | 1/2" BSP | 77NFC4 | 88104062 | 7N7CCFC4 | 25010497 | 7S7CCFC4 | 25010380 | 7S7CFC4 | 88104179 |
| For hose | Ø 6 mm | 77NH06 | 88104104 | 7N7CCH06 | 25010539 | 7S7CCH06 | 25010422 | 7S7CH06 | 88104211 |
| | Ø 8 mm | 77NH08 | 88104112 | 7N7CCH08 | 25010547 | 7S7CCH08 | 25010430 | 7S7CH08 | 88104229 |
| | Ø 10 mm | 77NH10 | 88104138 | 7N7CCH10 | 25010562 | 7S7CCH10 | 25010455 | 7S7CH10 | 88104245 |
| | Ø 13 mm | 77NH13 | 88104146 | 7N7CCH13 | 25010570 | 7S7CCH13 | 25010463 | 7S7CH13 | 88104252 |

## ISO 6150B MIL-C4109







| | | Nipples BSP | | Standard couplings | | Safety couplings | | Safety couplings | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ref. | CCN | Ref. | CCN | Ref. | CCN | Ref. | CCN |
| Ø 6 mm (1/4") | | | | Max: 12 bar – 13 L/s(1) | | Max: 16 bar – 15 L/s(1) | | Max: 12 bar – 13 L/s(1) | |
| Male thread | 1/4" BSP | IB6NMC2 | 88103015 | IBN6CMC2 | 88103197 | IBS6CCMC2 | 25010075 | IBS6CMC2 | 88103098 |
| | 3/8" BSP | IB6NMC3 | 88103023 | IBN6CMC3 | 88103205 | IBS6CCMC3 | 25010083 | IBS6CMC3 | 88103106 |
| | 1/2" BSP | – | – | IBN6CMC4 | 88103213 | IBS6CCMC4 | 25010091 | IBS6CMC4 | 88103114 |
| Female thread | 1/4" BSP | IB6NFC2 | 88102991 | IBN6CFC2 | 88103163 | IBS6CCFC2 | 25010042 | IBS6CFC2 | 88103064 |
| | 3/8" BSP | IB6NFC3 | 88103007 | IBN6CFC3 | 88103171 | IBS6CCFC3 | 25010059 | IBS6CFC3 | 88103072 |
| | 1/2" BSP | – | – | IBN6CFC4 | 88103189 | IBS6CCFC4 | 25010067 | IBS6CFC4 | 88103080 |
| For hose | Ø 6 mm | IB6NH06 | 88103031 | IBN6CH06 | 88103221 | – | – | IBS6CH06 | 88103122 |
| | Ø 8 mm | IB6NH08 | 88103049 | IBN6CH08 | 88103239 | IBS6CCH08 | 25010117 | IBS6CH08 | 88103130 |
| | Ø 10 mm | IB6NH10 | 88103056 | IBN6CH10 | 88103247 | IBS6CCH10 | 25010125 | IBS6CH10 | 88103148 |
| Ø 8 mm (3/8") | | | | Max: 12 bar – 33 L/s(1) | | Max: 16 bar – 30 L/s(1) | | Max: 12 bar – 33 L/s(1) | |
| Male thread | 1/4" BSP | IB8NMC2 | 88103296 | IBN8CMC2 | 88104567 | – | – | IBS8CMC2 | 88103395 |
| | 3/8" BSP | IB8NMC3 | 88103304 | IBN8CMC3 | 88104575 | IBS8CCMC3 | 25010158 | IBS8CMC3 | 88103403 |
| | 1/2" BSP | IB8NMC4 | 88103312 | IBN8CMC4 | 88104583 | IBS8CCMC4 | 25010166 | IBS8CMC4 | 88103411 |
| Female thread | 1/4" BSP | IB8NFC2 | 88103262 | IBN8CFC2 | 88104534 | – | – | IBS8CFC2 | 88103361 |
| | 3/8" BSP | IB8NFC3 | 88103270 | IBN8CFC3 | 88104542 | IBS8CCFC3 | 25010133 | IBS8CFC3 | 88103379 |
| | 1/2" BSP | IB8NFC4 | 88103288 | IBN8CFC4 | 88104559 | IBS8CCFC4 | 25010141 | IBS8CFC4 | 88103387 |
| For hose | Ø 8 mm | IB8NH08 | 88103320 | – | – | IBS8CCH08 | 25010174 | IBS8CH08 | 88103429 |
| | Ø 10 mm | IB8NH10 | 88103338 | IBN8CH10 | 88104609 | IBS8CCH10 | 25010182 | IBS8CH10 | 88103437 |
| | Ø 13 mm | IB8NH13 | 88103346 | IBN8CH13 | 88104617 | IBS8CCH13 | 25010190 | IBS8CH13 | 88103445 |
| Ø 11 mm (1/2") | | | | | | Max: 16 bar – 70 L/s(1) | | | |
| Male thread | 3/8" BSP | IB11NMC3 | 25014028 | – | – | IBS11CCMC3 | 25013939 | – | – |
| | 1/2" BSP | IB11NMC4 | 25014036 | – | – | IBS11CCMC4 | 25013947 | – | – |
| | 3/4" BSP | – | – | – | – | IBS11CCMC6 | 25013954 | – | – |
| Female thread | 3/8" BSP | IB11NFC3 | 25014002 | – | – | IBS11CCFC3 | 25013905 | – | – |
| | 1/2" BSP | IB11NFC4 | 25014010 | – | – | IBS11CCFC4 | 25013913 | – | – |
| | 3/4" BSP | – | – | – | – | IBS11CCFC6 | 25013921 | – | – |
| For hose | 10 mm | IB11NH10 | 25014044 | – | – | IBS11CCH10 | 25013962 | – | – |
| | 13 mm | IB11NH13 | 25014051 | – | – | IBS11CCH13 | 25013970 | – | – |
| | 16 mm | IB11NH16 | 25014069 | – | – | IBS11CCH16 | 25013988 | – | – |
| | 19 mm | IB11NH19 | 25014077 | – | – | IBS11CCH19 | 25013996 | – | – |

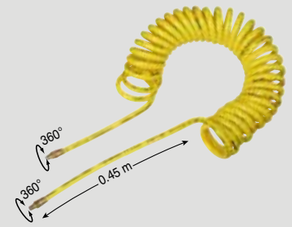
(1) Measured at 6 bar (87 psig) at inlet, with 10% pressure drop as per industry standard.

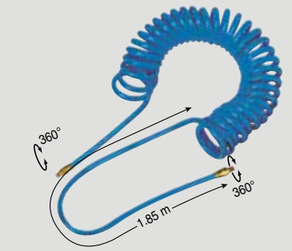




## Polyurethane Recoil Hoses

- Operating temperature: -40 to +38°C
- Operating pressure: 8 bar (115 psi) at 24°C




| Ref. | CCN | Min. hose diameter | NPT | max m | helix max m | helix min m |
|---|---|---|---|---|---|---|
| Yellow Hose | | | | | | |
| 34102 | 92833375 | 6 | 1/4" | 3 | 2.5 | 0.15 |
| 34202 | 92833383 | 6 | 1/4" | 6 | 5 | 0.31 |
| 34302 | 92833391 | 6 | 1/4" | 9 | 8 | 0.43 |
| 35102 | 92833409 | 8 | 1/4" | 3 | 2.5 | 0.14 |
| 35202 | 92832526 | 8 | 1/4" | 6 | 5 | 0.30 |
| 35302 | 92833417 | 8 | 1/4" | 9 | 8 | 0.46 |
| IR36103 | 92835172 | 9.5 | 1/4" | 3 | 2.5 | 0.15 |
| IR36203 | 92835180 | 9.5 | 1/4" | 6 | 5 | 0.34 |
| IR36303 | 92835198 | 9.5 | 1/4" | 9 | 8 | 0.52 |
| IR36102 | 92835149 | 9.5 | 3/8" | 3 | 2.5 | 0.15 |
| IR36202 | 92835156 | 9.5 | 3/8" | 6 | 5 | 0.34 |
| IR36302 | 92835164 | 9.5 | 3/8" | 9 | 8 | 0.52 |
| IR37102 | 92835206 | 13 | 1/2" | 3 | 2.5 | 0.16 |
| IR37202 | 92835214 | 13 | 1/2" | 6 | 5 | 0.38 |
| Blue Hose | | | | | | |
| IR36713 | 88098991 | 9.5 | 3/8" | 6 | 5 | 0.34 |
| IR36715 | 88099015 | 9.5 | 3/8" | 9 | 7.5 | 0.52 |

## Hose Whips




| Ref. | CCN | NPT | mm |
|---|---|---|---|
| 33104 | 91486340 | 1/4" | 300 |
| 33204 | 91486357 | 3/8" | 300 |
| 33304 | 91488205 | 1/2" | 300 |

## PVC Round Hose, 30 m Coil

Safety factor 4:1



| Ref. | CCN | inside mm | outside mm | Max. operating pressure at 20°C |
|---|---|---|---|---|
| RH-6 | 92545730 | 6 | 11 | 18 bar |
| RH-8 | 92536036 | 8 | 13 | 15 bar |
| RH-10 | 92536044 | 10 | 14 | 13 bar |
| RH-12 | 92536051 | 13 | 17 | 11 bar |
| RH-16 | 92536069 | 16 | 21 | 11 bar |
| RH-19 | 92536077 | 19 | 24 | 11 bar |

## Hose Clamps



| Ref. | CCN | mm | Quantity |
|---|---|---|---|
| CO-0911 | 56753080 | Ø 9 – 11 | 100 |
| CO-1113 | 56753098 | Ø 11 – 13 | 100 |
| CO-1315 | 56753106 | Ø 13 – 15 | 100 |
| CO-1518 | 56753122 | Ø 15 – 18 | 100 |
| CO-1821 | 56753148 | Ø 18 – 21 | 100 |
| CO-2225 | 56753163 | Ø 22 – 25 | 100 |

# Accessories | Lubricants

**Lubricant Kits**
Contains grease 80 g, oil 0.12 L and grease pump

**67-LBK1**
for angle head tools
CCN: 04637344

**105-LBK1**
for Impact Wrenches with metal housing
CCN: 04616090

**115-LBK1**
for Impact Wrenches with composite housing
CCN: 04616108







| Ref. | CCN | No. | Description/Recommended use | Capacity |
|---|---|---|---|---|
| LUBRICANT KITS | | | Contains grease 80g, oil 0,12 L and grease pump | |
| 67-LBK1 | 04637344 | 67 | for angle head tools | |
| 105-LBK1 | 04616090 | 105 | for Impact wrenches with metal housing | |
| 115-LBK1 | 04616108 | 115 | for impact wrenches with composite housing | |
| GREASE | | | | |
| 28 1 LB | 03364585 | 28 | for screwdriver gearing and clutches, drills, grinders, saws | 0,45 kg |
| 28 8 LB | 03819968 | | | 3,60 kg |
| 67-4T | 04637336 | 67 | for angle head tools | 0,12 L (tube) |
| 67-1 LB | 03773009 | | | 0,45 kg |
| VP1-1LB | 48413157 | 69 | for screwdriver gearing and clutches | 0,45 kg |
| 105-4T-6 | 04618930 | 105 | for Impact wrenches with metal housing | 6 tubes of 0,12L |
| 105-1LB | 04279147 | | | 0,45 kg |
| 105-8LB | 04264875 | | | 3.60 kg |
| 115-4T | 04616157 | 115 | for impact wrenches with composite housing | 0.12 L (tube) |
| 115-1LB | 04192480 | | | 0.45 kg |
| 170-1LB | 04650073 | 170 | premium impact grease for high temperature, used with impact mechanisms | 0,45 kg |
| Oil | | | | |
| 10Z4 | 03875671 | 10 | for impact wrenches, drills, screwdrivers and percusive tools | 0.12 L (tube) |
| 10P | 03875689 | | | 0.50 L |
| 10G | 03875697 | | | 3.80 L |
| 50P | 03875705 | 50 | for grinders and impact wrenches | 0.50 L |



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