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Vehicle Service



REAL TOOLS FOR REAL WORK.™



Tel: 090 998 9907
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Air Impacttools™

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Drills
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Specialty Air Tools





**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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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 Impacttools™ can remove even the toughest bolts. They deliver all the power he needs, with the handling and accessibility he expects.

Peter Mayrhofer, Inzell



Cordless IQV™ Tools and Accessories



W5152

1/2" ■ Tool only - 20 V



Also available

W5132

3/8" Tool only - 20 V

Protection Boot

W5132-BOOT

CCN: 47543902001

- 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

Available in kits

Part Number	CCN
W5152-K22-AUNZ	47547012001
W5152-K22-JP	47547016001
W5152-K22-KR	47547017001
W5152-K22-SGHK	47547019001



1/2" Drive Impactool, Charger 12/20 V, BL2012 (2.5 Ah), BL2022 (5.0 Ah) Li-Ion Batteries & Bag

Part Number	CCN	Battery	V	in	Nm	rpm	bpm	kg ⁽¹⁾	mm	dB(A)	m/s ² /K ⁽²⁾
W5152	47545086001	BL2022	20	1/2" □	500	2,100	3,300	2.3	170	90.0	11.3/2.6
W5132	47543902001	BL2022	20	3/8" □	500	2,100	3,300	2.3	166	90.0	11.3/2.6

⁽¹⁾ Weight to include tool + battery BL2022 weights. Weights are 2.1kg with battery BL2012.

⁽²⁾ ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



Cordless IQ^V™ Tools and Accessories | Impactools™ and Drivers

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: 48620793

Available in kits

Part Number	CCN
W5111-K22-AUNZ	47530511001
W5111-K22-JP	47530607001
W5111-K22-KR	47530633001
W5111-K22-SGHK	47530664001



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

W5150

1/2" Tool only - 20 V



- 190Nm of maximum forward torque and 260 Nm of reverse.
- 6.6" from tip to tail allows for greater accessibility and versatility
- only 1.6 kg with battery
- Tough housing protects against fluids, chemicals, and repeated drops

Also available
W5130
3/8" Tool only-20 V

Available in kits

Part Number	CCN
W5150-K22-AUNZ	47530514001
W5150-K22-JP	47530610001
W5150-K22-KR	47530636001
W5150-K22-SGHK	47530671001



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

W5151P

1/2" Pin type Tool only - 20 V



- 160 Nm of maximum forward torque and 215 Nm of reverse.
- Compact size 6" from tip to tail allows for greater accessibility and versatility
- only 1.6 kg with battery
- Tough housing protects against fluids, chemicals, and repeated drops

Also available
W5131P
3/8" Pin type Tool only-20 V

Available in kits

Part Number	CCN
W5151P-K22-AUNZ	47530515001
W5151P-K22-JP	47530611001
W5151P-K22-KR	47530637001
W5151P-K22-SGHK	47530673001



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

Part Number	CCN	Battery	V	in	Nm	rpm	bpm	kg ⁽¹⁾	mm	dB(A)	m/s ² /K ⁽²⁾
W5111	48620793	BL2012	20	1/4"	240	1,900	2,800	1.90	154	86.0	6.9/1.8
W5150	48620801	BL2010	20	1/2"	260	1,700	2,900	1.60	162	91.0	8.8/2.6
W5130	48377840	BL2010	20	3/8"	260	1,700	2,900	1.60	168	91.0	8.8/2.6
W5151P	48620827	BL2010	20	1/2"	240	1,900	2,800	1.90	154	86.0	6.9/1.8
W5131P	48620819	BL2010	20	3/8"	240	1,900	2,800	1.20	150	86.0	6.9/1.8

⁽¹⁾ Weight to include tool + battery weights

⁽²⁾ ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



Cordless IQ^V™ Tools and Accessories | Impactools™ and Drivers

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: 47514540001

Available in kits

Part Number	CCN
W5350-K22-AUNZ	47530517001
W5350-K22-JP	47530471001
W5350-K22-KR	47530641001
W5350-K22-SGHK	47530473001



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

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

Also available

W7150EU-P

1/2" Pin type-20 V

W7170EU

3/4" Tool only-20 V

Protection Boot

W7150-BOOT

CCN: 48391692

Available in kits

Part Number	CCN
5.0 Ah kit:	
W7150EU-K22-AN	47524487001
W7150EU-K22-JP	47524489001
W7150EU-K22-KR	47524491001
W7150EU-K22-SHK	47524493001
W7150EU-P-K22-AN Pin type	47522421001

3.0 Ah kit:

W7150EU-K2-AUSNZ	48411755
W7150EU-K2-JAPAN	48411698
W7150EU-K2-KOREA	48411771
W7150EU-K2-SINGHK	48411805



1/2" Drive Impactool, Charger 12/20 V, 2 Li-Ion Batteries & Case

Part Number	CCN	Battery	V	in	Nm	rpm	bpm	kg ⁽¹⁾	mm	dB(A)	m/s ² /K ⁽²⁾
W5350	47514541001	BL2012	20	1/2" □	245	1,900	3,000	2.06	439	85.0	10.3/6.3
W5330	47514540001	BL2012	20	3/8" □	245	1,900	3,000	2.06	439	85.0	10.3/6.3
W7150EU	48391692	BL2022	20	1/2" □	1,057	1,900	2,300	3.10	238	89.0	12.2/1.8
W7150EU-P	48391692	BL2022	20	1/2" □	1,057	1,900	2,300	3.10	238	89.0	12.2/1.8
W7170EU	47607627001	BL2022	20	3/4" □	1,166	1,900	2,300	3.30	256	89.0	12.2/1.8

⁽¹⁾ Weight to include tool + battery weights

⁽²⁾ ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



Cordless IQ^V™ Tools and Accessories | Impactools™ 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

Part Number	CCN
W1110AN-K2	47500096001
W1110JP-K2	47500099001
W1110KR-K2	47500102001
W1110SHK-K2	47500105001



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

Part Number	CCN
W1120AN-K2	47500097001
W1120JP-K2	47500100001
W1120KR-K2	47500103001
W1120SHK-K2	47500106001



1/4" Drive Impactool, 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

Part Number	CCN
W1130AN-K2	47500098001
W1130JP-K2	47500101001
W1130KR-K2	47500104001
W1130SHK-K2	47500107001



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

Part Number	CCN	Battery	V	in	Nm	rpm	bpm	kg ⁽¹⁾	mm	dB(A)	m/s ² /K ⁽²⁾
W1110	47500078001	BL1203	12	1/4"	135	2,700	3,300	1.05	150	82	4.5/3.0
W1120	47500081001	BL1203	12	1/4"	135	2,700	3,300	1.03	150	82	4.5/2.7
W1130	47500084001	BL1203	12	3/8"	135	2,700	3,300	1.04	150	82	4.5/2.7

⁽¹⁾ Weight to include tool + battery weights

⁽²⁾ ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



Cordless IQ^V™ Tools and Accessories | Ratchets

R3130

3/8" ■ Tool only - 20 V



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

Available in kits

Part Number	CCN
R3130-K22-AUNZ	47530508001
R3130-K22-JP	47530604001
R3130-K22-KR	47530630001
R3130-K22-SGHK	47530661001



3/8" Drive Ratchet, Charger 12/20 V, 2 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

Available in kits

Part Number	CCN
R3150-K22-AUNZ	47530510001
R3150-K22-JP	47530606001
R3150-K22-KR	47530632001
R3150-K22-SGHK	47530663001



1/2" Drive Ratchet, Charger 12/20 V, 2 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

Part Number	CCN
R1130AN-K1	47500071001
R1130JP-K1	47500073001
R1130KR-K1	47500077001
R1130SHK-K1	47500075001



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

Part Number	CCN	Battery	V	in	Nm	rpm	kg ⁽¹⁾	mm	dB(A)	m/s ² /K ⁽²⁾
R3130	48621023	BL2012	20	3/8" □	73	225	2.00	408	86.0	2.8/0.7
R3150	48621056	BL2012	20	1/2" □	73	225	2.00	408	86.0	2.8/0.7
R1120	47500060001	BL2012	20	1/4" □	73	225	0.98	408	86.0	2.8/0.7
R1130	47500062001	BL1203	12	3/8" □	40	260	0.98	280	76.0	<2.5

⁽¹⁾ Weight to include tool + battery weights

⁽²⁾ ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



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

Part Number	CCN
5.0 Ah kit:	
D5140-K22-AUNZ	47530683001
D5140-K22-JP	47530707001
D5140-K22-KR	47530709001
D5140-K22-SGHK	47530715001
3.0 Ah kit:	
D5140-K2-AUSNZ	48498612
D5140-K2-JAPAN	48498570
D5140-K2-KOREA	48498596
D5140-K2-SINGHK	48498554



1/2" (13 mm) 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

Part Number	CCN
D1130AN-K2	47500122001
D1130JP-K2	47500124001
D1130KR-K2	47500128001
D1130SHK-K2	47500126001



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

Part Number	CCN
D1410AN-K1	47500123001
D1140JP-K1	47500125001
D1140KR-K1	47500129001
D1140SHK-K1	47500127001



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

Part Number	CCN	Battery	V	rpm	kg ⁽¹⁾	mm	dB(A)	m/s ² /K ⁽²⁾
D5140	48489546	BL2022	20	1,900	2.45	245	75	<2.5
D1130	47500112001	BL1203	12	1,600	1.10	190	64	<2.5
D1410	47500114001	BL1203	12	1,600	0.95	130	64	<2.5

⁽¹⁾ Weight to include tool + battery weights

⁽²⁾ ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



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

Part Number	CCN
LUB5130-K12-AUNZ	47530506001
LUB5130-K12-JP	47530602001
LUB5130-K12-KR	47530628001
LUB5130-K12-SGHK	47530659001



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

Part Number	CCN
G1621AN-K2	47540128001
G1621JP-K2	47540131001
G1621KR-K2	47540134001
G1621SHK-K2	47540137001



12 V Sander/Polisher, Charger, 2 BL1203 (2.0 Ah) Li-Ion Batteries

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

Part Number	CCN	Battery	V	rpm	HH:MM	Lumens	kg ⁽¹⁾	mm	dB(A)	m/s ² /K ⁽²⁾
LUB5130	47503006001	BL2022	20	-	-	-	3.70	490	66.0	<2.5
G1621	47542795001	BL1203	12	7,600	-	-	1.30	144	67.0	3.0/0.8
L1110	47500109001	BL1203	12	-	-	180	0.58	217	-	-
L5110	48489561	-	-	-	-	180	0.86	236	-	-

⁽¹⁾ Weight to include tool + battery weights

⁽²⁾ ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

Cordless IQV™ Tools and Accessories | Other tools

G1811

Tool only - 12 V



- Runs at 7,000 RPM to get you through jobs fast.
- 3/8" X 13" narrow-width belt
- 8-position adjustable belt arm and zero hoses
- A variable speed lever adds control and a quick change lock and release allows you to switch belts as the job demands.
- Only 2 lbs. even with the battery

Available in kits

Part Number	CCN
G1811AN-K2	47559171001
G1811JP-K2	47559173001
G1811KR-K2	47559175001
G1811SHK-K2	47559177001



2 BL1203(2.0 Ah) Li-ion Batteries, tool, charger, belt

C1101

Tool only - 12 V



- 3,000 Strokes per minute
- With an inline, low-profile design and a reliable IQV12 battery, makes accurate cuts in the tightest spaces.
- It's built for controlled cuts and gives you the power to change the speed and the blade length for the job at hand.

Available in kits

Part Number	CCN
C1101AN-K2	47559309001
C1101JP-K2	47559314001
C1101KR-K2	47559316001
C1101SHK-K2	47559318001



2 BL1203(2.0 Ah) Li-ion Batteries, Tool, Charger, Blade kit

Part Number	CCN	Battery	mm	V	rpm	kg ⁽¹⁾	mm	dB(A)	m/s ² /K ⁽²⁾
C1101	47559324001	BL1203	14	12	3,300	0.97	298	77	1.9/0.6
G1811	47559185001	BL1203	-	12	7,700	1.01	212	70	1.9/0.6

⁽¹⁾ Weight to include tool + battery weights

⁽²⁾ ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

Cordless IQ^V™ Tools and Accessories | Batteries and Chargers

BL1203

12 V - 2.0 Ah Li-Ion
Compatible with all 20V cordless tools



- Performance - Each battery provides 2.0 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

BL2012

20 V - 2.5 Ah, Li-Ion
Compatible with all 20V cordless tools except W1750/D1540



- 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.

Also available

BL2012-AP5

CCN: 47528513001

Protection Boot

BL2005-BOOT

CCN: 47515903001

BL2010

20 V - 3.0 Ah, Li-Ion
Compatible with all 20V cordless tools





- Performance: The BL2010 x3.0, extended-life 20-volt lithium-ion battery delivers high-charge capacity and low internal impedance for maximum power delivery and exceptional runtime.
- 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: 48386791

Part Number	CCN	 V	 kg
BL1203	24206179	12	0.25
BL2010	48386791	20	0.72
BL2012	47515903001	20	0.41



Cordless IQ^V™ Tools and Accessories | Batteries and Chargers

BL2022

20 V - 5.0 Ah, Li-Ion
Compatible with all 20V cordless tools



- 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.

Also available

BL2022-AP5

CCN: 47528514001

Protection Boot

BL2010-BOOT

CCN: 48386791

BC1110

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

Also available

BC1110-AP3

CCN: 47499970001

BC1110-AP4

CCN: 47499971001

BC1110-AP5

CCN: 47499972001

BC1110-AP6

CCN: 47499974001

BC1121

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

Also available

BC1121-AP3

CCN: 47507870001

BC1121-AP4

CCN: 47507871001

BC1121-AP5

CCN: 47507872001

BC1121-AP6

CCN: 47507873001

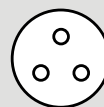
Part Number	CCN	V	kg
BL2022	47515902001	20	0.72
BC1110	47499967001	12	-
BC1121	47507879001	12/20	-

Type of Power Plug



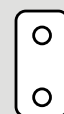
AP3

Japan



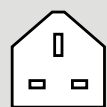
AP4

Australia/
New Zealand



AP5

Korea



AP6

Singapore/
Hongkong





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





Air Impactools™

- 18 | 1/4" and 3/8"
- 22 | 1/2"
- 28 | 3/4"
- 30 | 1" (pistol and rear handle)
- 34 | Accessories

Torque is key to Jose dos Santos. With Ingersoll Rands industry-leading range of Air Impactools™ 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 Impacttools™



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

Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
2101XPA	47520745001	1/4" □	75	34 - 68	14,500	3,650	0.70	175	1/4NPT	10	4.7	6.4	84.8	3.0/1.0
2102XPA	47520747001	3/8" □	75	34 - 68	14,500	3,650	0.70	175	1/4NPT	10	4.7	6.4	84.8	3.0/1.0
2101XPA-QC	47520746001	1/4" □	75	34 - 68	14,500	3,650	0.70	183	1/4 NPT	10	4.7	6.4	84.8	3.0/1.0

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

Performance at 6.2 bar (90 psi)



Air Impacttools™ | 1/4" and 3/8"

2115TiMAX-AP

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

also available:

2115QTiMAX Quiet

2115PTiMAX-AP

Pin type

2125QTiMAX-AP Quiet

1/2" Ring type

2125PTiMAX

1/2" Pin type

Protection Boot

2115M-BOOT

CCN: 45587326

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

also available:

35MAX

1/2" Ring type

Protection Boot

35-BOOT

CCN: 47544405001

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
- no counter force

also available:

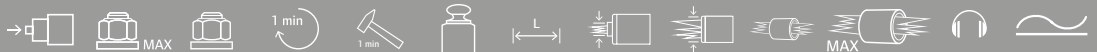
2025MAX

1/2" Ring type

Protection Boot

2015-BOOT

CCN: 45533775



Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
2115TiMAX-AP	48387864	3/8" □	407	34 - 380	15,000	1,500	1.13	151	1/4NPT	10	1.9	8.00	93.2	7.5/1.8
2115QTiMAX	45587326	3/8" □	407	34 - 380	15,000	1,500	1.13	151	1/4NPT	10	1.9	8.00	93.2	7.5/1.8
2115PTiMAX-AP	48387872	3/8" □	407	34 - 380	15,000	1,500	1.13	151	1/4NPT	10	1.9	8.00	93.2	7.5/1.8
2125QTiMAX-AP	48387880	1/2" □	450	34 - 340	15,000	1,500	1.14	155	1/4NPT	10	1.9	8.00	93.2	7.5/1.8
2125PTiMAX	45587565	1/2" □	450	34 - 340	15,000	1,500	1.13	151	1/4NPT	10	1.9	8.00	93.2	7.5/1.8
15QMAX	47544405001	3/8" □	520	420	6,000	1,350	1.09	117	1/4NPT	10	1.9	8.02	89.7	5.5/0.9
2015MAX	45533775	3/8" □	244	61 - 217	9,000	2,100	1.54	332	1/4NPT	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 Impacttools™ | 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

212A

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
- Only 1.31 kg

Also available

222A

1/2" Ring type

Protection Boot

212-BOOT

CCN: 45505344

216B

3/8" ■ Ring type



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

Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
211	1197060	3/8"	204	27 - 170	10,000	1,500	1.09	168	1/4NPT	10	1.2	5.20	104.0	5.9/1.6
212A (222A-1/2")	45765294	3/8"	244	27 - 170	10,000	1,500	1.31	152	1/4NPT	10	1.2	5.20	97.5	6.5/1.0
216B	46806600	3/8"	271	20 - 217	8,500	1,600	1.27	196	1/4NPT	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 Impacttools™ | 1/4" and 3/8"

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

2115Qi

3/8" ■ Ring type

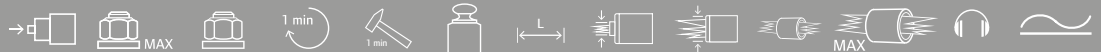


- 370 Nm
- Only 1.13 kg and 151 mm
- Twin-hammer impact mechanism
- Aluminum hammer case and composite housing
- 4-position power regulator
- 1-hand forward and reverse switch

Protection Boot

2115-BOOT

CCN: 45505351



Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
LA158	49825870	3/8"	136	7 - 100	1,000	1,400	1.25	137	1/4NPT	10	1.9	7.50	88.4	3.3/1.1
2115Qi	45588076	3/8"	407	34 - 312	1,500	1,500	1.13	151	1/4NPT	10	1.9	8.00	94.0	7.5/1.8

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

Performance at 6.2 bar (90 psi)



Air Impacttools™



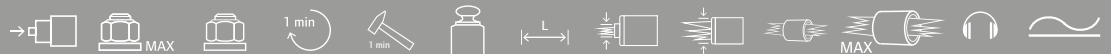
35MAX 1/2" ■ Ring type



- Delivering 610 Nm of maximum reverse torque and 750 Nm of nut busting torque at only 1.09 kg
- Push buttons for one-hand forward/reverse
- 3-mode selection power regulator
- 117 mm length
- Twin Hammer mechanism for low vibrations

Also available
36MAX
1/2"

Protection Boot
35-BOOT
CCN: 47544404001



Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
35MAX	47544404001	1/2" □	610	490	8,000	1,250	1.09	117	1/4NPT	10	1.90	8.02	95.9	6.4/1.0
36MAX	47608979001	1/2" □	700	600	11,000	1,300	1.09	113	1/4NPT	10	2.35	8.40	97.1	6.8/1.3

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



Air Impacttools™ | 1/2"

2235TiMAX

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

Also available

2235TiMAX-2

Ring type (50 mm anvil)

2235QTiMAX Quiet

2235QTiMAX-2 Quiet

Ring type (50 mm anvil)

2235PTiMAX

Pin type

Protection Boot

2235M-BOOT

CCN: 47517574001

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)



2135TiMAX-AP

1/2" ■ Ring type



- 1057 Nm
- Only 1.84 kg
- Twin-hammer impact mechanism
- Titanium hammer case and composite housing
- 1-hand forward and reverse switch

Also available

2135Ti-2MAX

Ring type (50 mm anvil)

2135QTiMAX-AP Quiet

2135QTi-2MAX Quiet

Ring type (50 mm anvil)

2135PTiMAX-AP

Pin-type

2135QPTiMAX-AP Quiet

Pin-type

Protection Boot

2135M-BOOT

CCN: 47517913001

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

Also available

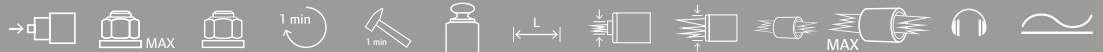
2015MAX

3/8" Ring type

Protection Boot

2015-BOOT

CCN: 45533775



Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
2235TiMAX	48416598	1/2" □	1,220	-	8,500	1,260	2.10	193.0	1/4NPT	10	-	11.00	98.00	-
2235QTiMAX	47517574001	1/2" □	1,220	-	8,500	1,220	2.10	193.0	1/4NPT	10	-	11.00	88.70	9.0/2.8
2235PTiMAX	47543102001	1/2" □	1,220	-	8,500	1,260	2.10	193.0	1/4NPT	10	-	11.00	98.00	9.0/2.8
2135TiMAX-AP	48387831	1/2" □	1,057	68 - 746	9,800	1,250	1.79	186.7	1/4NPT	10	2.4	9.40	109.00	13.3/4.6
2135QTiMAX-AP	48387856	1/2" □	1,057	68 - 746	9,800	1,250	1.84	187.0	1/4NPT	10	2.4	11.30	94.20	13.3/4.6
2135PTiMAX-AP	48387849	1/2" □	1,054	68 - 746	9,800	1,250	1.79	187.0	1/4NPT	10	2.4	9.40	99.80	13.3/4.6
2135QPTiMAX-AP	45535572CGZ	1/2" □	1,057	68 - 746	9,800	1,250	1.84	187.0	1/4NPT	10	2.4	9.40	94.20	13.3/4.6
2235TiMAX-2	47517881001	1/2" □	1,220	-	8,500	1,260	2.20	244.0	1/4NPT	10	-	11.00	98.00	9.0/2.8
2025MAX	47099247	1/2" □	244	61 - 217	9,000	2,100	1.54	332.0	1/4NPT	10	1.7	9.00	96.60	17.4/3.0

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

Performance at 6.2 bar (90 psi)



Air Impacttools™ | 1/2"

2135Qi Quiet

1/2" ■ Ring type



- 935 Nm
- Only 1.9 kg
- Twin-hammer impact mechanism
- Aluminum hammer case and composite housing
- 1-hand forward and reverse switch

Protection Boot

2135-BOOT
CCN:45505377

2125Qi Quiet

1/2" ■ Ring type



- 410 Nm
- only 1.14 kg and 155 mm
- Twin-hammer impact mechanism
- Aluminum hammer case and composite housing
- 1-hand forward and reverse switch
- 4-position power regulator

Protection Boot

2115M-BOOT
CCN: 45587326

2130AP

1/2" ■ Ring type



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

Also available

2130AP-2

Ring type (50 mm anvil)

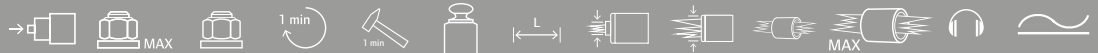
2130XP-TL

Ring type (Torque Limited at 75 Nm)

Protection Boot

2130-BOOT

CCN: 80136112



Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
2135Qi	45552213	1/2" □	935	68-746	8,900	1,250	1.90	187	1/4NPT	10	2.4	11.30	95.5	13.3/4.6
2125Qi	45604287	1/2" □	410	34-340	15,000	1,500	1.14	155	1/4NPT	10	1.9	8.00	94.0	7.5/1.8
2130AP	80093727	1/2" □	745	68-680	9,500	1,200	1.90	187	1/4NPT	10	2.1	10.40	94.3	8.9/2.0
2130AP-2	80093735	1/2" □	745	68-680	9,500	1,200	1.90	235	1/4NPT	10	2.1	10.40	94.3	8.9/2.0
2130XP-TL	46812251	1/2" □	816	47-75	7,800	1,150	1.90	187	1/4NPT	10	2.1	14.20	94.4	10.0/1.5

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

Performance at 6.2 bar (90 psi)



Air Impacttools™ | 1/2"

132U-R

1/2" ■ Ring type



- 1,026 Nm of maximum torque
- Twin-hammer mechanism
- Only 1.9 kg, ergonomic composite housing offers great operator comfort

Also available

132U-G



231C-AP

1/2" ■ Ring type



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

Also available

231HA

Ring type

231HA-2

Ring type (50 mm anvil)

Protection Boot

231-BOOT

CCN: 10566255

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: 80171879

Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
132U-R	47609122001	1/2" □	1,026	875	9,500	1,150	1.94	184	1/4NPT	10	2.1	10.40	94.0	-
132U-G	47609121001	1/2" □	1,026	875	9,500	1,150	1.94	184	1/4NPT	10	2.1	10.40	94.0	-
231C-AP	01388461	1/2" □	813	34-407	8,000	1,200	2.63	185	1/4NPT	10	2.0	10.40	99.0	-
231HA	80100514	1/2" □	800	34-407	8,000	1,150	2.63	185	1/4NPT	10	2.0	10.40	94.0	-
231HA-2	80100506	1/2" □	800	34-407	8,000	1,150	2.76	236	1/4NPT	10	2.0	10.40	94.0	-
236	80171879	1/2" □	610	34-306	7,400	1,200	2.40	180	1/4NPT	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 Impacttools™ | 1/2"

232TGSL

1/2" ■ Ring type



- 10,000 rpm, fastest 1/2" impact tool
- 847 Nm, reverse bias
- Twin-hammer impact mechanism

244A

1/2" ■ Ring type



- 678 Nm, non-biased
- Front exhaust
- Twin-hammer impact mechanism

Also available

244A-2

Ring type (50 mm anvil)

E131

1/2" ■ Ring type



- 678 Nm, reverse bias
- Front exhaust
- Twin-hammer impact mechanism
- Efficient performance at economical price

Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
232TGSL	89942403	1/2" □	847	54 - 544	10,000	1,200	2.72	185	1/4NPT	10	2.6	10.90	105.0	-
244A	01388412	1/2" □	678	54 - 470	7,000	1,300	2.72	185	1/4NPT	10	2.6	10.00	93.0	8.7/0.8
244A-2	01388420	1/2" □	678	54 - 470	7,000	1,300	2.85	241	1/4NPT	10	2.6	10.00	93.0	-
E131	46811063	1/2" □	678	34 - 475	8,750	1,175	2.60	192	1/4NPT	10	2.0	13.60	98.0	7.8/2.4

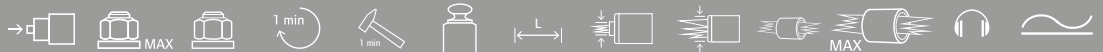
⁽¹⁾ ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.
Performance at 6.2 bar (90 psi)

131S-EA

1/2" Ring type



- 610 Nm, reverse bias
- Handle exhaust
- Twin-hammer impact mechanism
- 5-position power regulator



Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
131S-EA	01372416	1/2"	610	34 - 475	8,000	1,225	2.63	185	1/4NPT	10	2	-	90.7	5.2

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

Performance at 6.2 bar (90 psi)

Air Impacttools™



2145QiMAX-AP 3/4" ■ Ring type



- 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
- Ring & hole-through anvil

Also available

2145QiMAX-3 **Quiet**

Ring&hole-through (Long anvil 75 mm)

2145QiMAX-6 **Quiet**

Ring&hole-through (Long anvil 150 mm)

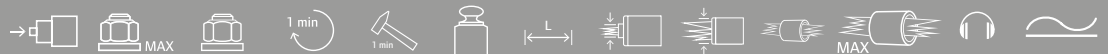
2155QiMAX **Quiet**

1" Ring&hole-through (Ring type anvil)

Protection Boot

2145M-BOOT

CCN: 45624327



Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
2145QiMAX-AP	48387898	3/4" □	1,830	271 - 1,220	6,300	1,150	3.35	217	3/8NPT	13	4	15.10	91.1	8.7/2.7
2145QiMAX-3	47119524	3/4" □	1,830	271 - 1,220	6,300	1,150	3.79	293	3/8NPT	13	4	15.10	96.3	8.1/1.2
2145QiMAX-6	47121454	3/4" □	1,830	271 - 1,220	6,300	1,150	4.23	369	3/8NPT	13	4	15.10	96.3	8.1/1.2
2155QiMAX	47123450	1" □	1,830	271 - 1,220	7,000	1,150	3.36	225	3/8NPT	13	4	15.10	96.3	8.7/2.7

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

Performance at 6.2 bar (90 psi)



Air Impacttools™ | 3/4"

2161XP

3/4" ■ Ring type



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

Also available

2161XP-6

Ring type (Long anvil 150 mm)

Protection Boot

2161-BOOT

CCN: 01372085

261

3/4" ■ Ring type



- 1,627 Nm
- Jumbo-hammer impact mechanism
- Steel hammer case
- Continuous power regulator

Also available

261-3

Ring type (Long anvil 75 mm)

261-6

Ring type (Long anvil 150 mm)

Protection Boot

261-BOOT

CCN: 01209758

259

3/4" ■ Ring type



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

Protection Boot

259-BOOT

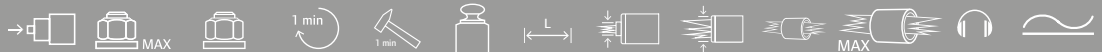
CCN: 45631918

2141

3/4" ■ Ring type



- Built-in power regulator
- In-handle exhaust (pistol models)
- Twin Hammer mechanism
- Composite housing
- Steel hammer case



Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
2161XP	01372085	3/4" □	1,695	407 - 1,360	6,000	1,025	5.35	216	3/8NPT	13	4.7	21.50	98.0	9.8/1.8
2161XP-6	01372093	3/4" □	1,695	407 - 1,360	6,000	1,025	5.94	370	3/8NPT	13	4.7	21.50	98.0	9.8/1.8
261	01209758	3/4" □	1,627	272 - 1,224	5,500	1,000	5.62	224	3/8NPT	13	4.5	17.90	98.1	10.4/1.3
261-3	01211101	3/4" □	1,627	272 - 1,224	5,500	1,000	5.90	300	3/8NPT	13	4.5	17.90	98.1	10.4/1.3
261-6	01217199	3/4" □	1,627	272 - 1,224	5,500	1,000	6.21	376	3/8NPT	13	4.5	17.90	98.1	10.4/1.3
259	45631918	3/4" □	1,424	271 - 1,085	6,000	1,000	4.00	218	3/8NPT	10	3.8	14.20	91.6	6.4/0.8
2141	89935597	3/4" □	1,627	271 - 1,220	7,250	1,175	3.20	208	3/8NPT	13	-	-	-	-

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



Air Impacttools™



2850MAX-6

1" ■ Long anvil 150 mm (Ring type)

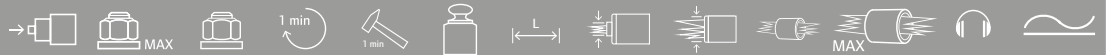


- Provides maximum torque of 2,850 Nm with a light weight design of only 9.8 kg
- Highly engineered robust motor design maintains power in extreme working conditions
- Chemical resistant housing and solid steel impact mechanism provides reliability and durability

Also available

2850MAX

Ring type (Short anvil)



Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
2850MAX-6	01173046VIM	1" □	2,850	2,715	5,500	770	9.80	486	1/2"	19	6.61	26.45	96.7	10.3/1.9
2850MAX	01173095	1" □	2,850	2,715	5,500	770	8.80	334	1/2"	19	6.61	26.45	96.7	12.6/3.6

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

Air Impacttools™ | 1" (pistol and rear angle)

285B

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-6

Ring&hole-through (Long anvil 150 mm)

285B-6-AP

Outside trigger, 45 degree air inlet bushing

285B-S6

#5 Spline Drive, long 150 mm anvil

631L

1" ■ Long anvil 200 mm (Hole-through)



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

Also available

631S

Hole-through (Standard anvil)

Available in kits

631LSK

CCN: 45514684

2 pcs 41 mm hex socket (90 mm long) & 2 pcs 21 mm female square budd wheel socket(60 mm long)

280

1" ■ Short anvil (Hole-through)



- 2,169 Nm
- Jumbo-hammer impact mechanism

Also available

280-6

Ring&hole-through (Long anvil 150 mm)

280-S-6

#5 Spline Drive, long anvil 150 mm



Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
285B	80157209	1" □	2,000 ⁽²⁾	136 - 1,220	5,000	700	11.20	335	1/2NPT	19	5.2	21.70	99.8	8.0/1.2
285B-6	80157233	1" □	2,000 ⁽²⁾	136 - 1,220	5,000	700	12.60	511	1/2NPT	19	5.2	21.70	99.8	9.0/2.7
285B-6-AP	80159191	1" □	2,000 ⁽²⁾	136 - 1,220	5,000	700	12.60	519	1/2NPT	13	4.7	17.50	99.8	9.0/2.7
285B-S6	80157308	1" □	2,000 ⁽²⁾	136 - 1,220	5,000	700	12.60	519	1/2NPT	19	5.2	21.70	99.8	9.0/2.7
631L	80183171	1" □	4,300 ⁽²⁾	271 - 3,390	3,500	700	16.60	624	1/2NPT	13	7.1	26.40	108.4	12.7/2.5
280	01231265	1" □	2,169 ⁽²⁾	204 - 1,360	6,000	750	9.98	330	1/2NPT	13	4.7	26.00	109.1	24.1/3.4
280-6	01173046VIM	1" □	2,169 ⁽²⁾	204 - 1,360	6,000	750	10.80	470	1/2NPT	13	4.7	26.00	109.1	21.8/3.8
280-S-6	01173095	1" □	2,169 ⁽²⁾	204 - 1,360	6,000	750	10.80	470	1/2NPT	13	4.7	26.00	109.1	21.8/3.8

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

⁽²⁾ 2400Nm at 8.3 bar 120psi

Air Impacttools™ | 1" (pistol and rear angle)

E688-8

1" ■ Long anvil 200 mm



- 3800Nm
- Pinless single swinging-hammer impact mechanism
- Designed for vehicle service market

295A

1" ■ Short anvil(Ring&hole-through)



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

Also available

295A-6

Ring&hole-through (Long anvil 150 mm)

Protection Boot

295-BOOT

CCN: 80159015

2171XP

1" ■ Short anvil (Ring type)



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

Also available

2171XP-6

Ring&hole-through (Long anvil 150 mm)

Protection Boot

2161-BOOT

CCN: 01372085

Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
E688-8	48483747	1" □	3,800	271 - 3,500	4,600	-	16.5	630	1/2NPT	13	9.3	34.00	103.2	-
295A	80159015	1" □	2,000	136 - 1,220	5,000	700	9.98	290	1/2NPT	19	5.2	21.70	104.6	15.8/5.2
295A-6	16578734	1" □	2,000	136 - 1,220	5,000	700	11.40	449	1/2NPT	19	5.2	21.70	104.6	9.1/2.9
2171XP	01378165	1" □	1,695	408 - 1,360	6,000	1,025	5.47	226	3/8NPT	13	4.7	21.50	94.7	10.3/1.3
2171XP-6	16619801	1" □	1,695	408 - 1,360	6,000	1,025	5.95	318	1/2NPT	13	4.7	21.50	94.7	9.9/3.0

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



Air Impacttools™ | 1" (pistol and rear angle)

2155QiMAX

1" ■ Short anvil(Ring& hole-through)



- 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
- Ring&hole- through

Protection Boot

2145M-BOOT

CCN: 47123450

271

1" ■ Short anvil (Hole-through)



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

290

1" ■ Short anvil (Hole-through)

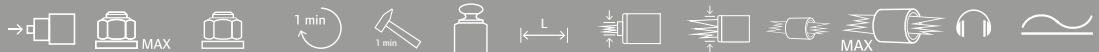


- 2,169 Nm
- Jumbo-hammer impact mechanism

Also available

290-6

Hole through(Long anvil 150 mm)



Part Number	CCN	in	Nm	Nm	rpm	bpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
2155QiMAX	47123450	1" □	1,830	271 - 1,220	6,300	1,150	3.36	225	3/8 NPT	13	4	15.10	96.3	8.7/2.7
271	01209766	1" □	1,627	136 - 1,017	5,500	1,000	5.67	226	3/8 NPT	13	4.5	17.90	98.1	13.2/1.1
290	01173020	1" □	2,169	204 - 1,360	6,000	800	9.93	248	1/2NPT	19	4.7	26.00	104.6	22.7/2.6
290-6	01181817	1" □	2,169	204 - 1,360	6,000	800	9.93	248	1/2NPT	19	4.7	28.30	104.6	22.7/2.6

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

Performance at 6.2 bar (90 psi)



Air Impacttools™ | Accessories

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.

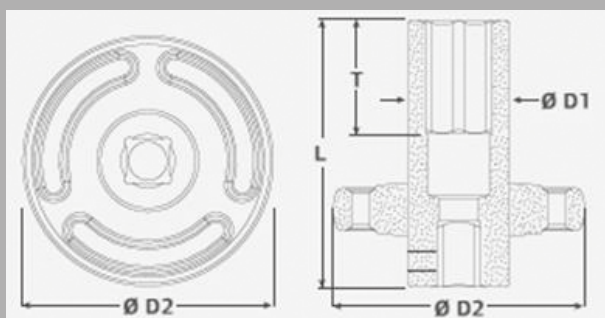
PowerSocket™

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
S64H34L-PS1	47569352001	19 mm	0.58	32.4	72.6	33.7	78
S64H78L-PS1	47569353001	22 mm	0.64	36.1	72.1	30.3	78
S64H1516L-PS1	47569354001	24 mm	0.67	38	72.1	30.3	78

SK2M12

1/4" Square Drive Socket Sets
CCN: 81287336



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

SK3M10

3/8" Square Drive Socket Sets
CCN: 81287344



- 9, 10, 11, 12, 13, 14, 15, 16, 17 and 19 mm

SK4M14

1/2" Square Drive Socket Sets
CCN: 80171077



- Contains 14 standard sockets
- 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23 and 24 mm

SK4M18

1/2" Square Drive Socket Sets
CCN: 81287385



- 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
- 125 mm extension bar and 1/2" square drive power joint

SK4M3L

1/2" Square Drive Socket Sets
CCN: 81287377



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

SK4M7U

1/2" Square Drive Socket Sets
CCN: 80171093



- 13, 14, 15, 17, 19, 21 and 22 mm
- pre-fitted on power joints – to facilitate handling nuts and bolts in areas with very limited accessibility

SK4M5L

1/2" Square Drive Socket Sets
CCN: 81287369



- Contains 5 deep sockets
- 17, 19, 21, 22 and 24 mm

SK6M6L

3/4" Square Drive Socket Sets
CCN: 81287401



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

SK8M4L

1" Square Drive Socket Sets
CCN: 81287419



- Contains 4 deep sockets
- 27, 30, 32 and 33 mm

Air Impacttools™ | Accessories

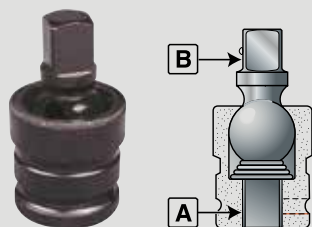
Impact Socket Extensions



	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

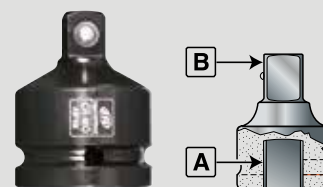
Universal Joints



Universal Joint

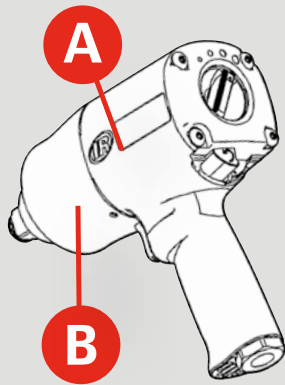
	A (mm)	B (mm)	Recommended retaining ring
J2	1/4"	1/4"	-
J3	3/8"	3/8"	-
J4	1/2"	1/2"	-
J6	3/4"	3/4"	RR10034S
J8	1"	1"	RR10015S

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

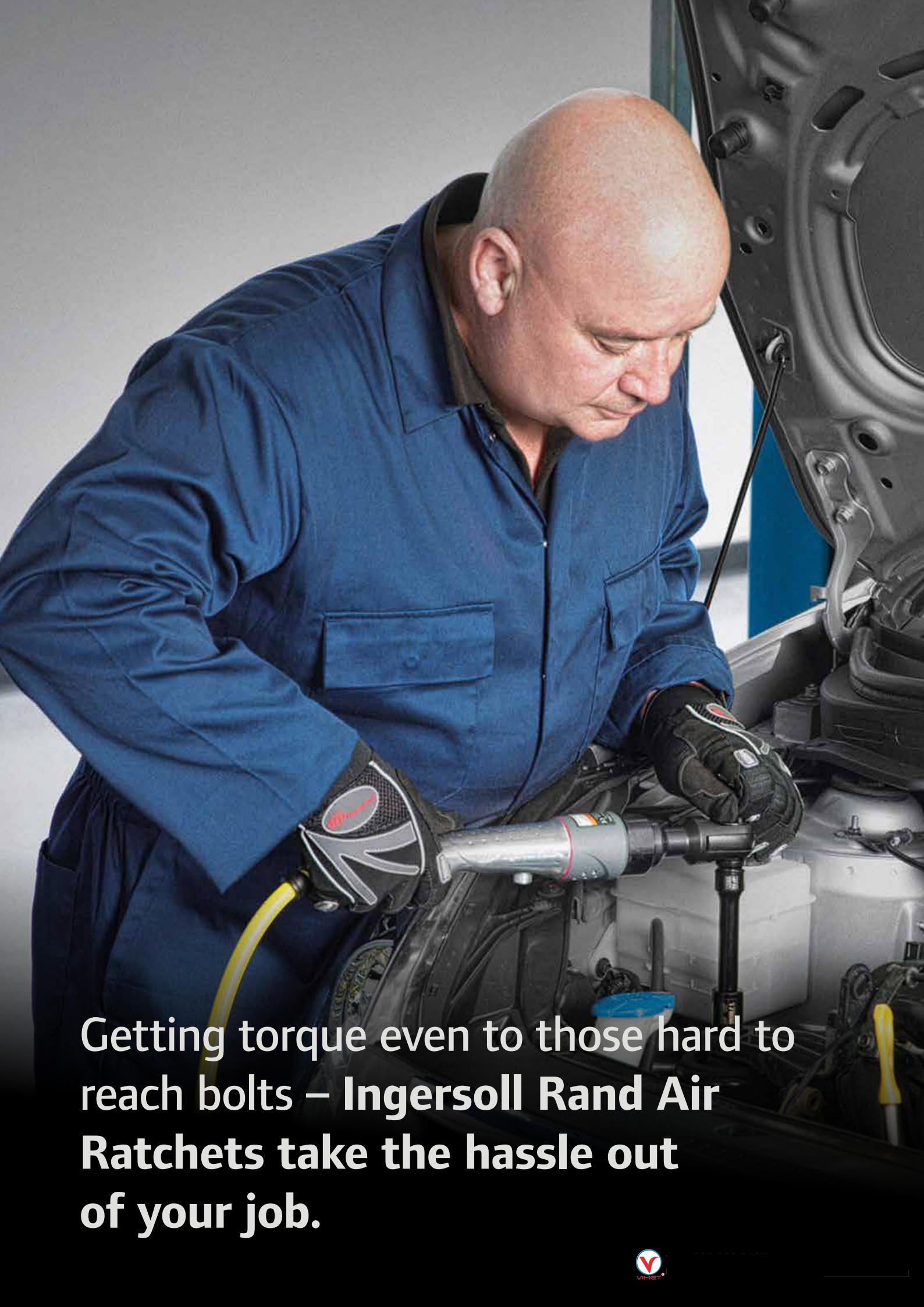
Air Impacttools™ | Service kits



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
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
35MAX	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

3/4"	A	B
	CCN	CCN
2145QiMAX	47100011	47102561
2145QiMAX-3	47100011	47102561
2145QiMAX-6	47100011	47102561
2161XP	01372085	—
2161XP-6	04621744	—
261	03866597	22039259
261-3	03866597	—
261-6	03866597	—
259	45663796	45663853
1" pistol	CCN	CCN
295A	16590242	—
295A-6	16590242	—
2155QiMAX	47100011	47102561
2171XP	04621744	80137698
2171XP-6	04621744	80137714
271	03866597	—
1" rear handle	CCN	CCN
631L	45766789	—
2190Ti	80137383	80137698
2190Ti-6	80137383	80137714
2190DTi-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

40 | 1/2"

41 | 3/8"

41 | 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"

Protection Boot

109-BOOT
CCN: 80181001

1077XPA 1/2" ■



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

Also available

107XPA
3/8"

Protection Boot

107-BOOT
CCN: 80171853

Part Number	CCN	in	Nm	Nm	rpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
1099XPA	80181001	1/2" □	103	14 - 87	220	1.40	302	1/4"	10	1.88	11.33	92.4	2.5/0.7
109XPA	16578700	3/8" □	95	14 - 87	220	1.4	302	1/4"	10	1.88	11.33	92.4	2.5/0.7
107XPA	80171705	3/8" □	68	14 - 61	160	1.10	279	1/4"	10	1.42	8.50	94.4	<2.5
1077XPA	80171853	1/2" □	68	14 - 61	160	1.10	279	1/4"	10	1.42	8.50	94.4	<2.5

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



Air Ratchets

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: 45649035

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"

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"

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"
105-C3
3/8" (Different gear holder&rotor to 105-D3)
105-L2
1/4"

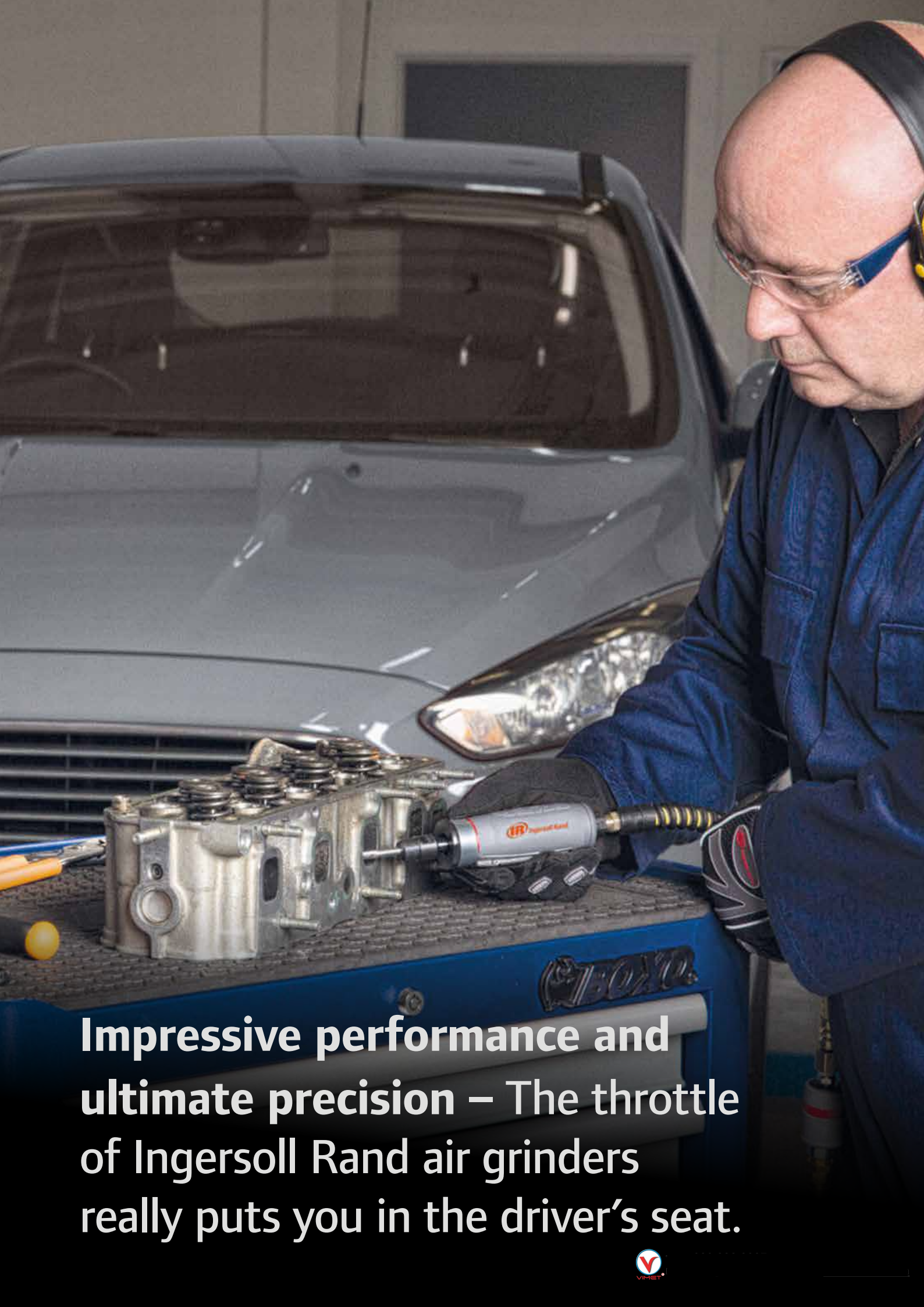
Protection Boot
103-BOOT
CCN: 45649571



Part Number	CCN	in	Nm	Nm	rpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
1105MAX-D3	45649480	3/8" □	41	7 - 34	300	0.65	187	1/4"	10	1.65	9.43	88.9	5.7/1.0
1105MAX-D2	45649035	1/4" □	41	7 - 34	300	0.65	187	1/4"	10	1.65	9.43	88.9	5.7/1.0
1207MAX-D4	45654225	1/2" □	88	14 - 81	200	1.45	275	1/4"	10	1.88	10.85	85.0	3.2/1.1
1207MAX-D3	45653276	3/8" □	88	14 - 81	200	1.45	275	1/4"	10	1.88	10.85	85.0	3.2/1.1
105-D3	45649738	3/8" □	34	7 - 27	250	0.64	186	1/4"	10	1.42	8.50	81.8	5.1/0.9
105-D2	45649571	1/4" □	34	7 - 27	250	0.64	186	1/4"	10	1.42	8.50	81.8	5.1/0.9
105-C3	45662293	3/8" □	34	7 - 27	250	0.64	186	1/4"	10	1.42	8.50	81.8	3.5/1.2
105-L2	45650660	1/4" □	34	7 - 27	250	0.71	214	1/4"	10	1.42	8.50	81.8	3.7/0.9
1770	80103799	1/2" □	81	81	160	1.17	262	1/4 NPT	10	1.90	10.00	94.8	2.8/0.7
170	80103781	3/8" □	81	81	160	1.16	262	1/4 NPT	10	1.90	10.00	94.8	2.8/0.7

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





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





Air Grinders

44 | Die Grinders

47 | Wheel Grinders

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
- Rear exhaust

5108MAX

Straight



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

Part Number	CCN	 mm	 kW	 rpm	 kg	 mm	 in	 mm	 l/s	 l/s	 dB(A)	 m/s ² /K ⁽¹⁾
5102MAX	48488357	6	0.3	20,000	0.64	179	1/4"	10	2.8	11.80	84.0	3.3/1.1
5108MAX	48488340	6	0.3	25,000	0.46	167	1/4"	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
- Rear exhaust

Available in Kits

308BK Die Grinder Kit
CCN: 48488290



Includes: Carbide burrs set & 2 wrenches

302B

Angle



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

Available in Kits

302BK Die Grinder Kit
CCN: 48488282



Includes: 2" & 3" quick change backing pads, 2" & 3" quick change sanding disks, 2" & 3" quick change coarse and medium polishing disks

307B

Straight



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

Available in Kits

307BK Die Grinder Kit
CCN: 48488274



Includes: 10 mounted grinding tips

409

Straight



- 0.37 kW
- 27,000 rpm
- Only 0.54 kg and 149 mm
- Contains: 1/4" and 6 mm collets
- Front exhaust

Part Number	CCN	mm	kWatt	rpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
308B	48488332	6	0.25	25,000	0.46	174	1/4"	10	3.3	13.20	92.0	3.7/1.2
302B	48488365	6	0.25	20,000	0.58	176	1/4"	10	2.8	10.90	90.0	5.5/1.5
307B	48488316	6	0.19	28,000	0.33	132	1/4"	10	2.8	11.30	83.0	4.5/1.1
409	47498324001	4	0.37	27,000	0.54	149	1/4"	10	-	-	91.0	6.4/3.5

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



Air Grinders | Die Grinders

LA429-EU

Straight



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

Replacement collets



Part Number	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"

301B

Angle



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

Available in Kit

301B2MK Surface conditioning Kit

CCN: :48488233



Includes: 4 coarse & 4 medium grit 2" Roloc™ surface conditioning pads, a disk holder

301B32MK Surface conditioning Kit

CCN: 48488241



Includes: 2 coarse & 2 medium grit 3" Roloc surface conditioning pads, 2 coarse & 2 medium grit 2" Roloc surface conditioning pads, 2 disk holders

301B3MK Surface conditioning Kit

CCN: 48488258



Includes: 4 coarse & 4 medium grit 3" Roloc™ surface conditioning pads

301BK Die Grinder Kit

CCN: 48488266



Includes: 10 mounted grinding tips

Part Number	CCN	mm	kWatt	rpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
301B	48488308	6	0.19	21,000	0.46	134	1/4"	10	2.8	11.30	92.0	5.9/1.0
LA429-EU	01328558	6	0.42	22,000	0.54	142	1/4"	10	1.8	9.00	91.0	3.2/1.7

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



Air Grinders | Wheel Grinders

3445MAX 115 mm(4.5")



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

Also available

3445MAX-M

115 mm(4.5")

345MAX

125 mm(5")

345MAX-M

125 mm(5")

LA422-EU 125 mm (5")



- 0.50 kW
- 12,000 rpm

Also available

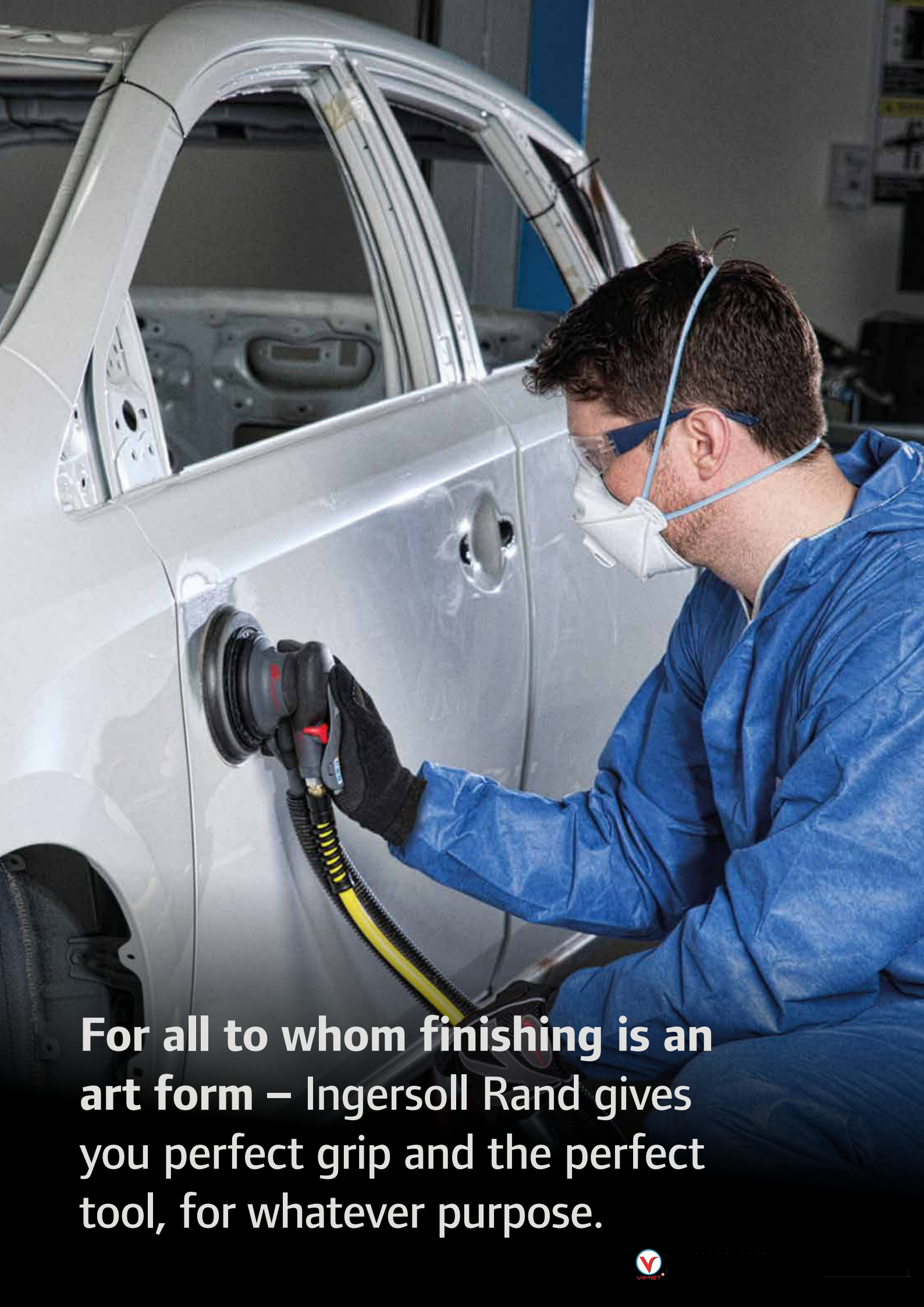
LA421-EU

100 mm (4")

Part Number	CCN	mm	mm	kWatt	1 min rpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
3445MAX	45664224	115	5/8" - 11thread	0.66	12,000	1.50	245	1/4"	10	4.7	19.3	79.6	6.4/2.0
3445MAX-M	45664240	115	M14	0.66	12,000	1.50	245	1/4"	10	4.7	19.3	79.6	6.4/2.0
345MAX	45664232	127	5/8" - 11thread	0.66	12,000	1.60	245	1/4"	10	4.7	19.3	79.6	7.9/0.7
345MAX-M	45664257	127	M14	0.66	12,000	1.60	245	1/4"	10	4.7	19.3	79.6	7.9/0.7
LA422-EU	01328582	125	3/8" - 24	0.50	12,000	1.75	229	1/4"	10	2.8	10.4	85.6	6.0/2.1
LA421-EU	01328632	100	3/8" - 24	0.50	12,000	1.75	229	1/4"	10	2.8	10.4	85.6	4.8/1.4

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





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





Air Finishing tools

50 | Air Sanders and Polishers

54 | Pads, Disks and Bonnets

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

75 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

Also available

4151-2

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

4151-5

125 mm (5"), orbit 5 mm (3/16")

4152

150 mm (6"), orbit 2.5 mm (3/32")

4151-HL

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

4151-HL-2

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

4152-HL

150 mm (6"), orbit 2.5 mm (3/32")

4152-HL-SR

75 mm (3"), orbit 2.5 mm (3/32")

Part Number	CCN	 mm	 mm	 mm	 kW	 rpm	 kg	 mm	 in	 mm	 l/s	 l/s	 dB(A)	 m/s ² /K ⁽¹⁾
4151	01365311	150	5	5/16"-24	0.15	12,000	0.87	190	1/4"	8	3.7	7.20	81.6	7.5/1.6
4151-2	22041917	150	5	5/16"-24	0.15	12,000	1.12	252	1/4"	8	3.7	7.20	81.6	6.2/1.0
4151-5	01371681	125	5	5/16"-24	0.15	12,000	0.87	178	1/4"	8	3.7	7.20	81.6	6.2/1.0
4152	80132269	150	2.5	5/16"-24	0.15	12,000	0.87	190	1/4"	8	3.7	7.20	81.6	8.2/1.7
4151-HL	01371624	150	5	5/16"-24	0.15	12,000	0.87	190	1/4"	8	3.7	7.20	81.6	7.0/2.2
4151-HL-2	22041198	150	5	5/16"-24	0.15	12,000	1.12	252	1/4"	8	3.7	7.20	81.6	6.2/1.0
4152-HL	80134356	150	2.5	5/16"-24	0.15	12,000	0.87	190	1/4"	8	3.7	7.20	81.6	7.0/2.2
4152-HL-SR	16674301	75	2.5	5/16"-24	0.15	12,000	0.84	155	1/4"	8	3.7	7.20	81.6	4.7/1.3

⁽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
- 0.19 kW

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

313A

Tool only



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

Also available

314A

2,500 rpm

Part Number	CCN	mm	mm	mm	kWatt	1 min rpm	kg	L	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
311A	01365253	150	5	-	0.19	12,000	1.91	248	1/4"	10	-	8.00	85.6	32.3/5.6
317A	80090863	-	-	7/16" - 20	0.35	18,000	1.05	104	1/4"	10	5.7	11.80	96.5	3.3/0.8
318A	80141047	180	-	5/8" - 11	0.76	2,800	2.05	203	1/4"	10	2.8	9.90	90.5	<2.5
319A	80141054	178	-	5/8" - 11	0.60	5,000	2.04	203	1/4"	10	2.8	9.40	90.8	<2.5
313A	80141021	178	-	5/8" - 11	0.37	5,000	2.04	406	1/4"	10	3.8	13.70	99.3	<2.5
314A	80141039	178	-	5/8" - 11	0.30	2,500	1.90	406	1/4"	10	3.7	13.70	97.3	<2.5

⁽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

Part Number	CCN	 mm	 mm	 kW	 rpm	 kg	 mm	 in	 mm	 l/s	 dB(A)	 m/s ² /K ⁽¹⁾
3103XPA	47520748001	50 and 75	-	0.15	15,000	0.50	135	1/4 NPT	10	9.0	78.6	4.1/0.8
3128XPA	47520749001	75	5.00	0.15	15,000	0.60	145	1/4 NPT	10	8.6	80.9	5.2/1.1
3129XPA	47520750001	75	-	0.22	6,400	0.60	155	1/4 NPT	10	9.4	81.5	2.7/0.7

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

Air Finishing tools | Air Sanders and Polishers

327

Buffer



- 22,000 rpm
- 0.50 hp motor
- Lever throttle
- Rear exhaust

315-EU

70mm x 445mm (2.75" x 17.5")



- 3,000 reciprocating strokes per minute
- Quick - action paper clamps
- Smooth, reliable power

312A

93 x 171 mm (3.67 x 6.75")



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

327LS

Tire Buffer



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

Part Number	CCN	mm	mm	kW	rpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
327	01238476	-	3/8" chuck	0.37	22,000	0.73	224	1/4"	10	7.10	13.20	90.9	<1
327LS	01371699	-	7/16"	0.37	3,000	0.51	216	1/4"	10	6.60	12.75	95.0	<2.5
312A	80147101	-	-	0.22	8,000	2.09	-	1/4"	10	4.25	5.70	94.1	7.7/1.9
315-EU	01343961	70*445	-	-	3,000(strokes/min)	2.99	445	1/4"	10	3.80	4.25	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")



Part Number	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

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



Part Number	CCN	Description	Qty.
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



Part Number	CCN	Description
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

58 | Round shank

59 | Needle Scaler

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: 67 mm
- 3,500 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

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

Part Number	CCN	bpm	mm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
118MAX	47124490	2,500	89	2.10	266	1/4"	10	1.4	5.50	94.7	5.7
118MAXH	46816732	2,500	89	2.10	266	1/4"	10	1.4	5.50	94.7	5.7
122MAX	47124482	3500	67	1.80	218	1/4"	10	1.4	5.50	94.2	5.5/1.8
122MAXH	46816740	3500	67	1.80	218	1/4"	10	1.4	5.50	94.2	5.5/1.8

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

Air Hammers | Round shank | Needle Scaler

121-EU
Round shank



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

Also available

121/Q-EU
Hexagonal shank

115
Round Shank



- stroke: 41 mm
- 5000 blows per minute

116
Round shank



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

Also available

116H
Hexagonal shank

117
Round shank



- Up to 2,000 blows per minute
- Alloyed steel barrel and heat-treated piston for longer life
- Built-in power regulator and trigger control

132
Round shank



- Up to 1,725 blows per minute
- Alloyed steel barrel and heat-treated piston for longer life
- Built-in power regulator and trigger control

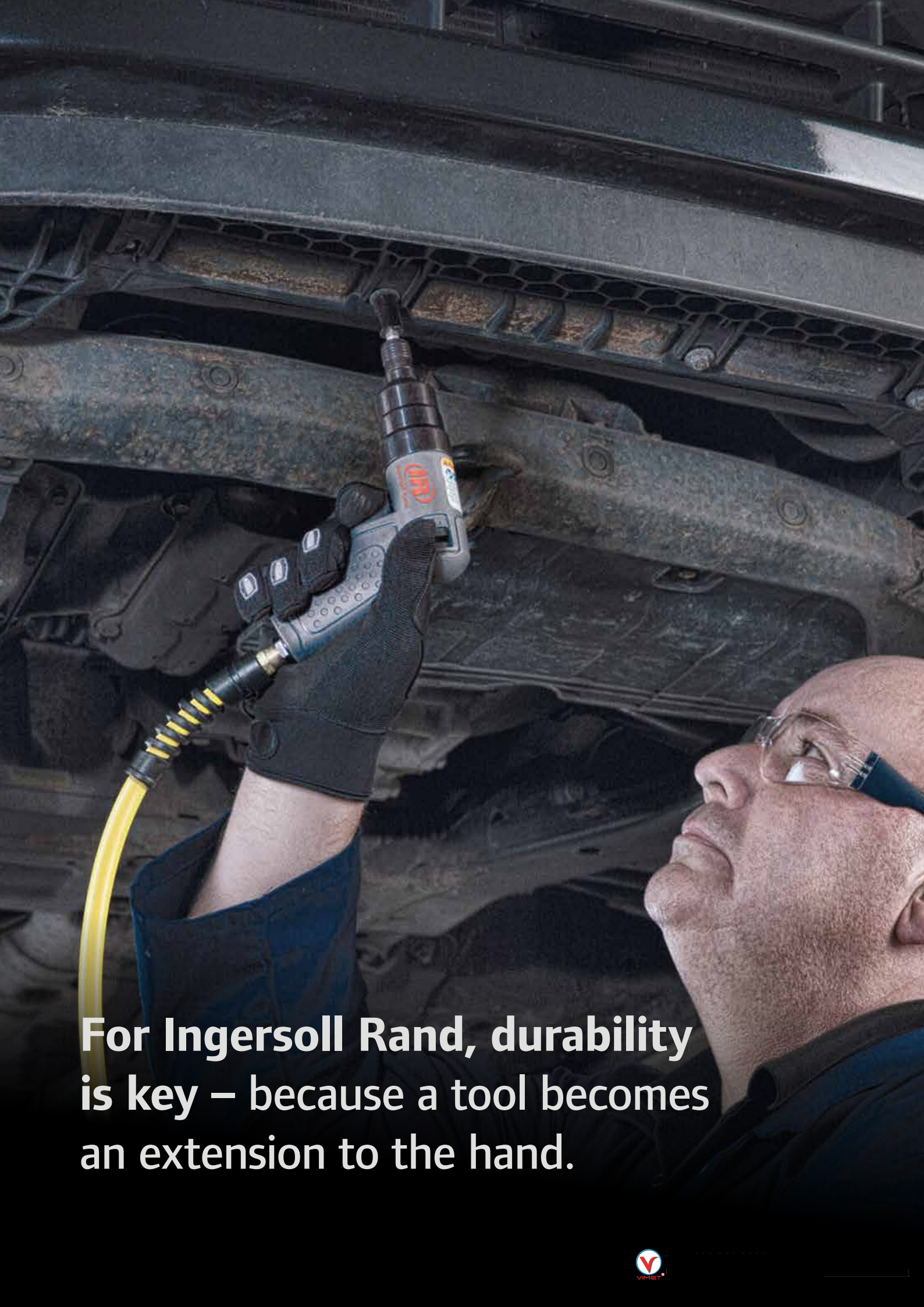
125
Needle Scaler



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

Part Number	CCN	bpm	mm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
121-EU	04352746	3,000	58	1.59	194	1/4"	10	1.40	7.10	95.3	19.9/4.6
121/Q-EU	01343698	3,000	58	1.59	194	1/4"	10	1.40	7.10	95.3	19.9/4.6
115	01216175	5,000	41	1.18	155	1/4"	10	0.95	6.60	101.3	14.8/2.2
116	01216183	3,500	67	1.54	198	1/4"	10	1.40	7.10	104.4	14.8/2.2
116H	01233501	3,500	67	1.54	198	1/4"	10	1.40	7.10	104.4	14.8/2.2
117	01216191	2,000	89	1.86	251	1/4"	10	1.40	6.60	103.5	9.2/3.0
132	01173525	1,725	102	1.54	216	1/4"	10	1.40	5.20	-	-
125	01348200IRI	46,000	-	2.83	465	1/4"	8	3.80	7.10	96.6	8.3/1.3

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



For Ingersoll Rand, durability is key – because a tool becomes an extension to the hand.





Air Drills, Screwdrivers and specialty tools

- 62 | Drills
- 64 | Screwdrivers
- 65 | 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



7804R

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

Part Number	CCN	SIZE mm	kWatt kW	$\frac{1}{\text{min}}$ rpm	 kg	 mm	 in	 mm	 l/s	 l/s	 dB(A)	 m/s ² /K ⁽¹⁾
7804R	01319185	10	0.19	1,200	0.80	193	1/4"	10	0.9	7.65	88.4	<2.5

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



Air Drills, Screwdrivers and specialty tools | Drills

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: 80113632

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: 80113616

7807R

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

Part Number	CCN	SIZE	kWatt	1 min	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾
		mm	kW	rpm								
7803A	80113632	13	0.37	500	1.64	195	1/4"	10	1.9	12.70	83.0	<2.5
7803AKC	10563724	13	0.37	500	1.63	200	1/4"	10	1.9	12.70	83.0	<2.5
7803RA	80113673	13	0.37	500	1.64	195	1/4"	10	1.9	12.70	83.0	<2.5
7803RAKC	10563732	13	0.37	500	1.63	200	1/4"	10	1.9	12.70	83.0	<2.5
7802A	80113616	10	0.37	2,000	1.31	163	1/4"	10	1.9	12.70	83.0	2.8/0.7
7802AKC	10563716	10	0.37	2,000	1.35	175	1/4"	10	1.9	12.70	83.0	2.8/0.7
7802RA	80113640	10	0.37	2,000	1.30	163	1/4"	10	1.9	12.70	83.0	2.8/0.7
7802RAKC	80147424	10	0.37	2,000	1.35	175	1/4"	10	1.9	12.70	83.0	2.8/0.7
7807R	01348184	10	0.25	1,800	1.07	206	1/4"	10	1.9	8.10	89.2	<2.5
LA410-EU	01328616	10	0.25	4,500	0.91	228	1/4"	10	1.4	12.80	84.9	2.9/0.7

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



Air Drills, Screwdrivers and specialty tools | Screwdrivers

LA439-EU

1/4"  Hexagonal



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

LA412-EU

1/4"  Hexagonal



- 0.25 kW
- 1,800 rpm
- Positive jaw 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

LA413-EU

1/4"  Hexagonal



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

Part Number	CCN	 in	 kW	 rpm	 kg	 mm	 in	 mm	 l/s	 l/s	 dB(A)	 m/s ² /K ⁽¹⁾
LA439-EU	92847805	1/4" 	0.25	1,800	1.10	216	1/4 NPT	10	1.4	13.70	89.9	< 2.5
LA412-EU	01330075	1/4" 	0.25	1,800	1.60	184	1/4 NPT	10	1.9	13.70	89.6	< 2.5
371-EU	01352152	1/4" 	0.33	1,800	1.14	188	1/4 NPT	10	1.9	13.70	78.0	< 2.5
LA413-EU	01330109	1/4" 	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.



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

326

Heavy Duty Air Cut-Off Tool



- 3/8" arbor X 2 7/8" wheel size
- Fast, quiet operation
- Contoured lever throttle with positive self-locking action
- Built-in speed regulator
- 360 degree rotatable chrome-plate spark guard

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
- Includes 5 cutting discs

325B

Air Nibbler



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

Part Number	CCN	kWatt										Pad Dia/ MM
		kW	rpm	kg	mm	in	mm	l/s	l/s	dB(A)	m/s ² /K ⁽¹⁾	
326	01216514	-	20,000	1.05	226	1/4"	10	4.7	11.80	94.3	-	-
426	47509194001	0.48	20,000	0.90	206	1/4"	10	12.3	-	92.1	4.3	76
325B	46806568	-	4,200	0.95	185	1/4"	10	1.9	8.00	96.0	15.9/19.0	-

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



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

429

Heavy Duty Air Reciprocating Saw



- Comes with six high-speed steel cutting blades and two hex wrenches
- Cuts flat and curved surfaces
- Durable, long-life tool

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

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

Part Number	CCN	 strokes/min	 mm	 kg	 mm	 in	 mm	 l/s	 l/s	 dB(A)	 m/s ² /K ⁽¹⁾
429	01365477	10000	10	0.60	209	1/4 NPT	10	3.8	4.25	87.3	25.7/4.0
529	47125885	9,500	10	0.70	246	1/4 NPT	10	0.5	0.53	84.3	3.1/1.6
4429	01371822	5,750	10	0.74	235	1/4 NPT	10	1.9	3.60	66.2	9.5/2.4
7802SA	80113681	4,200	–	1.30	239	1/4 NPT	10	1.9	10.00	83.0	3.0/1.0
LA415-EU	01330141	–	16	2.00	197	1/4 NPT	10	–	2.00	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

Part Number	CCN	 mm	 kg	 mm	 in	 mm	 l/s	 l/s	 dB(A)	 m/s ² /K ⁽¹⁾
LA437-EU	01328608	16	2.8	164.00	1/4"	10	-	1.80	89.00	3.2/0.7
LA428-EU	01330067	215	1.3	356.00	1/4"	10	-	-	70.00	2.5

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



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