

RED ROOSTER ASSEMBLY TOOLS

INDUSTRIAL PRODUCTIVITY
HIGH ACCURACY & EFFICIENCY

www.rami-yokota.com

Impulse wrenches:
shut-off & non shut-off
models

Cordless shut-off
impulse wrenches

Cordless shut-off
screwdrivers

Shut-off screwdrivers

Impact sockets &
sleeve drive sockets

Balancers

Custom tailored solutions



 **RED
ROOSTER**

CONTENTS

	PAGE
SERVICE	2
FAST AND EFFICIENT	3
ASSEMBLY TOOLS	
Guideline values for tightening torques ...	4

IMPULSE WRENCHES

Main features	5
Application and selection.....	6
Shut-off models	7
Non shut-off models	10

CORDLESS SHUT-OFF IMPULSE WRENCHES & CORDLESS SHUT-OFF SCREWDRIVERS

Main features	13
RRI-BIM-SERIE	14
RRI-BS-SERIE	16
RRI-BA-SERIE	18

SHUT-OFF SCREWDRIVERS

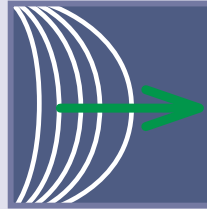
Main features	19
Pistol models.....	20
Straight models	21
Angle models	22

IMPACT- & SLEEVE DRIVE SOCKETS....	23
ACCESSORIES	32
CUSTOM MADE PRODUCTS	33

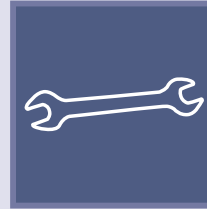


SERVICE

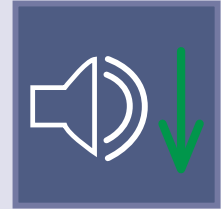
TOOLS BY RED ROOSTER TOOLS FOR MAXIMUM PRODUCTIVITY



No reaction forces



Low maintenance cost



Low noise level



Low vibration



Fast



Ergonomic

FLEXIBLE TOOL FOR USE WITH ONLY ONE HAND

The secret of impulse: no reaction forces! It allows holding the tool with one hand and your product in the other hand.



ISO-9001 CERTIFIED

The required level of quality tightenings was achieved with the advanced measurement tools and controls on the basis of ISO 9001, to provide you with the highest quality.



ECOLOGY

RED ROOSTER tools are innovatively designed, paying the highest attention to the environment and its safeguard. All the components are easy to dispose of, because they are built with recyclable materials. Therefore they do not present any danger in terms of environmental pollution. Models with automatic air shut-off reduce the cycle time and therefore the compressed air consumption.



FAST AND EFFICIENT

Since its introduction in 1973, RED ROOSTER is one of the leading brands in the European market for pneumatic tools. RED ROOSTER is known for its reliable quality and provides you with a full range of air and battery tools with excellent price - performance ratio. You can count on us when it comes to fast, accurate and ergonomically designed tools. In addition we are able to delivery you full maintenance and service for all your RED ROOSTER tools. Our professional workshop has a fully equipped test center and excellent logistics to guarantee you optimal operational performance for your RED ROOSTER tools. Together with our local partners RED ROOSTER guarantees: **Productivity!**



RED ROOSTER
RAMIYOKOTA BV
DE RUYTERKADE 120, NL-1011 AB AMSTERDAM

RED ROOSTER assembly tools can be recognised by the black and white RED ROOSTER logo used on all our industrial tools.



ASSEMBLY TOOLS

Guideline values for tightening torques

VDI 2230*		STEEL						STAINLESS		
Strength classes*		4.6	4.8	5.8	8.8	10.9	12.9	50	70	80
Bolt	Dimension of bolt head mm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm
M1.6	-	0,065	0,086	0,11	0,17	0,24	0,29	0,10	0,20	-
M2	-	0,13	0,17	0,22	0,35	0,49	0,58	0,25	0,30	-
M2.2	-	0,017	0,23	0,29	0,46	0,64	0,77	-	-	-
M2.5	-	0,26	0,35	0,44	0,70	0,98	1,20	0,45	0,60	-
M3	-	0,46	0,61	0,77	1,20	1,70	2,10	1,00	1,10	-
M3.5	-	0,73	0,97	1,20	1,90	2,70	3,30	-	-	-
M4	7	1,1	1,5	1,9	2,9	4,1	4,9	0,94	2,01	2,68
M5	9	2,2	3,0	3,7	6	8,5	10	1,86	4,00	5,33
M6	10	3,9	5,1	6,4	10	14	17	3,23	6,92	9,23
M8	13	9,3	12	16	25	35	41	7,9	16,9	22,5
M10	17 / 16	19	25	31	49	69	83	15,6	33,3	44,5
M12	19 / 18	32	43	54	86	120	145	26,9	57,7	76,9
M14	22 / 21	51	68	86	135	190	230	43,4	93,0	124,1
M16	24	79	105	130	210	295	355	66,4	142,3	189,8
M18	27	110	145	180	290	405	485	92,8	198	265
M20	30	155	205	255	410	580	690	130	278	371
M22	32	205	275	345	550	780	930	174	374	499
M24	36	200	350	440	710	1000	1200	224	480	640
M27	41	390	520	650	1050	1500	1800	331	708	-
M30	46	530	710	880	1450	2000	2400	450	964	-
M33	50	720	960	1200	1900	2700	3250	609	-	-
M36	55	920	1250	1550	2450	3450	4150	782	-	-
M39	60	1200	1600	2000	3200	4500	5400	1013	-	-
M42	65	1500	1950	2450	3950	5550	6650	-	-	-
M45	70	1850	2450	3100	4950	6950	8350	-	-	-
M48	75	2250	3000	3750	5950	8400	10100	-	-	-
M52	80	2900	3850	4800	7650	10800	12900	-	-	-
M56	85	3600	4800	5950	9550	13400	16100	-	-	-
M60	90	4450	5950	7400	11900	16700	20000	-	-	-
M64	95	5350	7150	8950	14300	20100	24100	-	-	-
M68	100	6500	8650	10800	17300	24300	29100	-	-	-

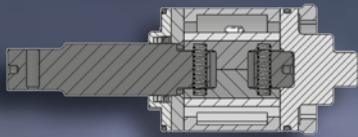
USAGE AREA OF THE RED ROOSTER SHUT-OFF SCREWDRIVERS

USAGE AREA OF THE RED ROOSTER IMPULSE WRENCHES AND THE RED ROOSTER SHUT-OFF SCREWDRIVERS

USAGE AREA OF THE RED ROOSTER IMPULSE WRENCHES

IMPULSE WRENCHES

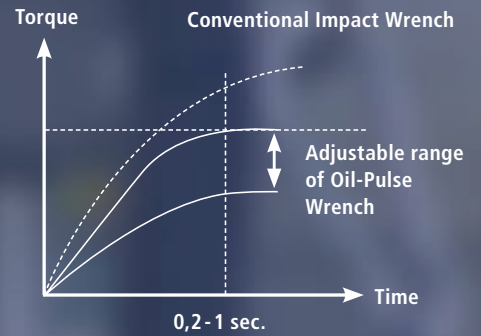
Main features



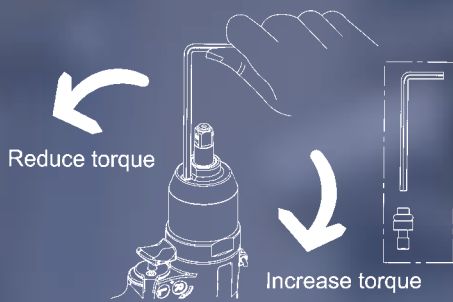
X-Shape Sealing improves durability.



Twin drive roller blades reduce noise, vibration and improve impulse efficiency.



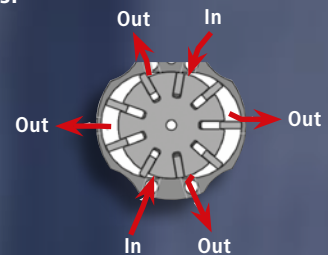
1 Piece design front end plate and cylinder improves motor efficiency.



Easy Torque Adjustment

The required torque can be easily adjusted by turning the adjust screw.

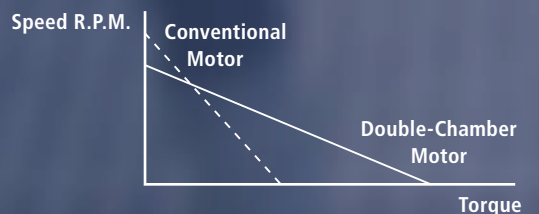
One hand reverse operation for Right or Left handed operators.



Double chamber air motor

9 Vanes motor design for smallest dimensions with highest power and acceleration results in a short time to reach the set torque and highest productivity.

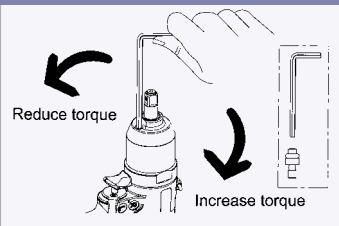
Low noise exhaust, 360° adjustable.



APPLICATION AND SELECTION

Specified torque range

Adjustment of torque level of the tool

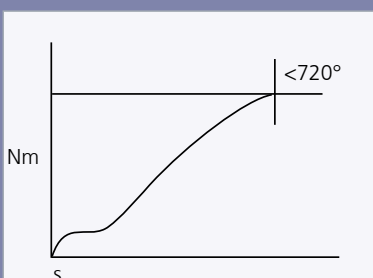


The specified torque range is measured in the laboratory under standard conditions. Therefore these torque figures are only to be used as a guideline. The actual torque range

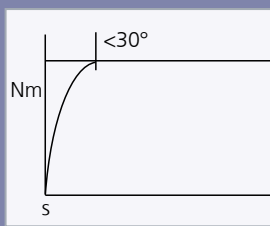
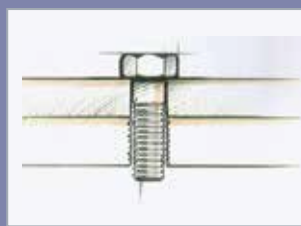
depends on a variety of working conditions, eg: air pressure, joint hardness and used accessory.

The torque ranges are specified at a dynamic air pressure of 0.63 MPa, lower air pressure will result in lower torque. All impulse wrenches are developed for a dynamic air pressure of 0.63 MPa maximum.

Soft joint example



Hard joint example



Shut-off impulse wrench selection

- Hard joint: torque levels up to 95% of the specified torque range
- Soft joint: torque levels up to 85% of the specified torque range

Non shut-off impulse wrenches selection

- Hard joint: torque levels up to 100% of the specified torque range
- Soft joint: torque levels up to 90% of the specified torque range

Accessories

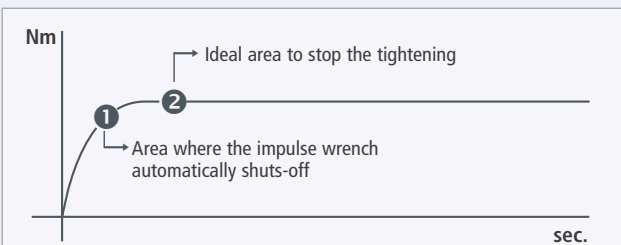
The size and shape of impact sockets influence the torque result. Extension bars, depending on the length, can lower the torque range with 5-30%

Inner Torx® and inner hexagon can lower the torque range with 5-20%

For the best result of the impulse wrench, use:

- Constant stabilized air pressure
- Sleeve drive sockets, impact quality (see pages 22-27)
- Impact quality accessories with the correct dimensions
- Accessories in good condition
- Correct hose inner diameter and length
- Lubricated air

We advise to use the impulse wrench up to 80% of it's capacity for the highest productivity, accuracy and durability



Impulse wrenches without shut-off ②

Impulse wrenches achieve the highest quality joint if the tightening is finished in this area (horizontal part of the torque curve)

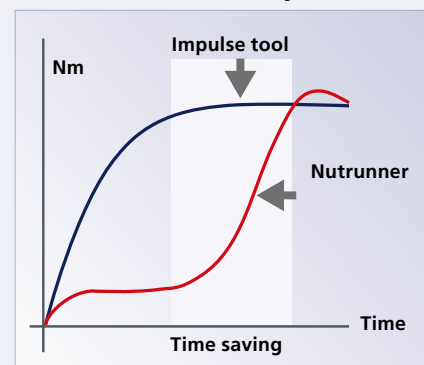
- Highest clampforce with smallest tolerance
- Smallest torque tolerance

Impulse Wrenches with mechanical shut-off ①

FEATURES:

- Shorter operating time
- Operator knows when the tightening is finished
- Highest clampforce with smallest tolerance
- Smallest torque tolerance

Save time - Save money



Because of the principle of using hydraulics to reach a certain torque, impulse tools can run at a high rpm. The required torque is reached in a split second. All RED ROOSTER impulse wrenches can be used for hard and soft joints, and give a high accuracy / repeatability and a low relaxation.



RRI-30AT
RRI-40AT
RRI-50AT
RRI-60AT
RRI-70AT



RRI-30T
RRI-40T
RRI-50T
RRI-60T



RRI-70T
RRI-80T
RRI-90T
RRI-100T
RRI-130T



RRI-150T
RRI-180T



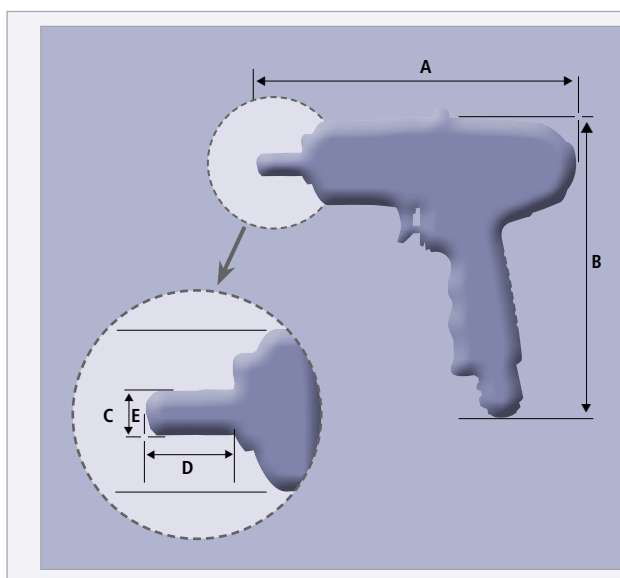
RRI-200T

1/4" Hex drive

Type	Square / Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-30AT	1/4" Hex	6	4.600	6-12,5	3,7	0,89	PT 1/4"	6,5	78
RRI-40AT	1/4" Hex	6-8	4.600	10-18	3,7	0,92	PT 1/4"	6,5	78
RRI-50AT	1/4" Hex	8	7.200	16-26	5,3	0,92	PT 1/4"	6,5	80
RRI-60AT	1/4" Hex	8	6.200	20-30	6,2	1,0	PT 1/4"	8	82
RRI-70AT	1/4" Hex	10	7.200	32-47	7	1,35	PT 1/4"	8	82

3/8" - 1/2" - 3/4" Square drive

Type	Square / Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-30T	3/8" Square	6	4.600	7-12,5	3,7	0,89	PT 1/4"	6,5	78
RRI-40T	3/8" Square	6-8	4.600	11-19	3,7	0,92	PT 1/4"	6,5	78
RRI-50T	3/8" Square	8	7.200	16-27	5,3	0,92	PT 1/4"	6,5	80
RRI-60T	3/8" Square	8-10	6.200	22-35	6,2	1	PT 1/4"	8	82
RRI-70T	3/8" Square	10	7.200	37-57	7	1,35	PT 1/4"	8	82
RRI-80T	3/8" Square	10-12	5.100	40-68	9,3	1,21	PT 1/4"	8	82
RRI-90T	1/2" Square	12	5.400	64-90	8,3	1,55	PT 1/4"	8	83
RRI-100T	1/2" Square	12-14	5.300	85-120	8,7	1,87	PT 1/4"	8	84
RRI-130T	1/2" Square	14-16	3.600	123-148	11,6	2,26	PT 1/4"	11	86
RRI-150T	3/4" Square	16	3.700	165-210	11,6	3,10	PT 1/4"	11	86
RRI-180T	3/4" Square	16-18	2.700	180-255	12,2	3,8	PT 1/4"	11	86
RRI-200T	3/4" Square	18-20	3.000	230-450	26	4,25	PT 1/4"	13	88



Type	A mm	B mm	C mm	D mm	E mm
RRI-30AT	163	168	ø46	21	ø17,5
RRI-40AT	170	168	ø46	27	ø17,5
RRI-50AT	170	168	ø46	27	ø17,5
RRI-60AT	181	168	ø46	27	ø17,5
RRI-70AT	194	172	ø53,5	28	ø17,5
RRI-30T	163	168	ø46	24	ø12
RRI-40T	167	168	ø46	24	ø12
RRI-50T	167	168	ø46	24	ø12
RRI-60T	178	168	ø46	24	ø12
RRI-70T	194	172	ø53,5	25	ø12
RRI-80T	194	170	ø53,5	25	ø12
RRI-90T	200	192	ø53,5	31	ø16
RRI-100T	209	195	ø59	32	ø16
RRI-130T	216	204	ø64	31	ø16
RRI-150T	239	215	ø72	40	ø25
RRI-180T	263	232	ø78	41	ø25
RRI-200T	250	239	ø80	41	ø25

IMPULSE WRENCHES SHUT-OFF MODELS

1/4" | 3/8"

1/4" Hex drive



RRI-30STA



RRI-50STA



RRI-40STA



RRI-60STA
RRI-70STA

Type	Square / Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-30STA	1/4" Hex	6	4.200	6-11,5	3,7	0,77	PT 1/4"	6,5	78
RRI-40STA	1/4" Hex	6-8	4.200	10-17	3,7	0,8	PT 1/4"	6,5	78
RRI-50STA	1/4" Hex	8	6.800	15-25	5,3	0,8	PT 1/4"	6,5	80
RRI-60STA	1/4" Hex	8	6.000	20-30	6,2	0,86	PT 1/4"	8	80
RRI-70STA	1/4" Hex	8-10	5.000	28-40	6,2	0,97	PT 1/4"	8	80

3/8" Square drive



RRI-30ST



RRI-50ST



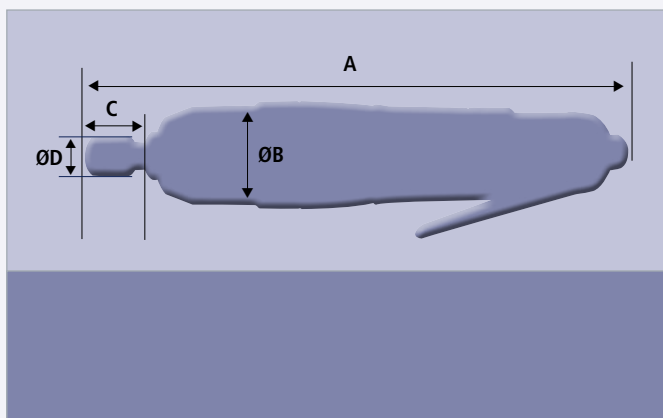
RRI-40ST



RRI-60ST
RRI-70ST
RRI-80ST

Type	Square / Hex drive	Bolt capacity mm	RPM	Torque Range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-30ST	3/8" Square	6	4.200	7-12,5	3,7	0,8	PT 1/4"	6,5	78
RRI-40ST	3/8" Square	6-8	4.200	11-19	3,7	0,8	PT 1/4"	6,5	78
RRI-50ST	3/8" Square	8	6.800	16-27	5,3	0,8	PT 1/4"	6,5	80
RRI-60ST	3/8" Square	8-10	6.000	22-35	6,2	0,86	PT 1/4"	8	80
RRI-70ST	3/8" Square	10	5.000	31-47	6,2	0,97	PT 1/4"	8	80
RRI-80ST	3/8" Square	10-12	6.100	40-68	9,3	1,15	PT 1/4"	8	82

Dimensions



Type	A mm	B mm	C mm	D mm
RRI-30STA	219	Ø46	21	Ø17,5
RRI-40STA	224	Ø46	27	Ø17,5
RRI-50STA	224	Ø46	27	Ø17,5
RRI-60STA	225	Ø46	27	Ø17,5
RRI-70STA	244	Ø48	27	Ø17,5
RRI-30ST	219	Ø46	24	Ø12
RRI-40ST	221	Ø46	24	Ø12
RRI-50ST	221	Ø46	24	Ø12
RRI-60ST	231	Ø46	24	Ø12
RRI-70ST	244	Ø48	25	Ø12
RRI-80ST	244	Ø53,5	25	Ø12

IMPULSE WRENCHES SHUT-OFF MODELS

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

1/4" Hex drive



RRI-50RTA



RRI-70RTA



RRI-60RTA

Type	Square / Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-50RTA	1/4" Hex	6-8	4.300	9,5-16	4,8	1,2	PT 1/4"	6,5	80
RRI-60RTA	1/4" Hex	8	4.700	15-22	6,2	1,3	PT 1/4"	8	80
RRI-70RTA	1/4" Hex	8	4.500	20-29	6,2	1,4	PT 1/4"	8	80

3/8" - 1/2" Sq. drive



RRI-50RT



RRI-70RT



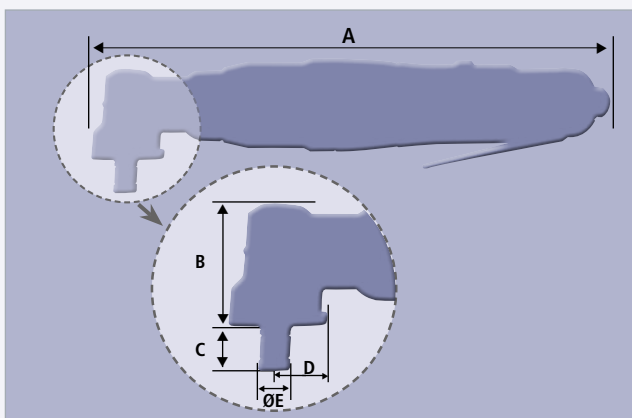
RRI-60RT



RRI-70RGT
RRI-70RHT
RRI-80RHT

Type	Square / Hex drive	Bolt capacity mm	RPM	Torque Range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-50RT	3/8" Square	6-8	4.300	10,5-17	4,8	1,2	PT 1/4"	6,5	80
RRI-60RT	3/8" Square	8	4.700	16-24	6,2	1,3	PT 1/4"	8	80
RRI-70RT	3/8" Square	8-10	4.500	22-31	6,2	1,4	PT 1/4"	8	80
RRI-70RGT	3/8" Square	10	2.000	32-45	6,2	1,6	PT 1/4"	8	82
RRI-70RHT	1/2" Square	10-12	2.200	46-60	6,2	1,6	PT 1/4"	8	82
RRI-80RHT	1/2" Square	10-12	2.800	50-70	9,3	1,7	PT 1/4"	8	82

Dimensions



Type	A mm	B mm	C mm	D mm	E mm
RRI-50RTA	253	45	16	16	Ø11
RRI-60RTA	264	45	16	16	Ø11
RRI-70RTA	272	45	16	16	Ø11
RRI-50RT	253	45	14	16	Ø12
RRI-60RT	264	45	14	16	Ø12
RRI-70RT	272	45	14	16	Ø12
RRI-70RGT	281	47	14	21	Ø16
RRI-70RHT	281	47	21	21	Ø16
RRI-80RHT	281	47	21	21	Ø16

NON SHUT-OFF MODELS 1/4" | 3/8" | 1/2" | 3/4"



RRI-30A
RRI-40AX
RRI-50A
RRI-60AX
RRI-70A



RRI-30
RRI-40X
RRI-50X
RRI-60X



RRI-70
RRI-80
RRI-90
RRI-100
RRI-130



RRI-150
RRI-180
RRI-200

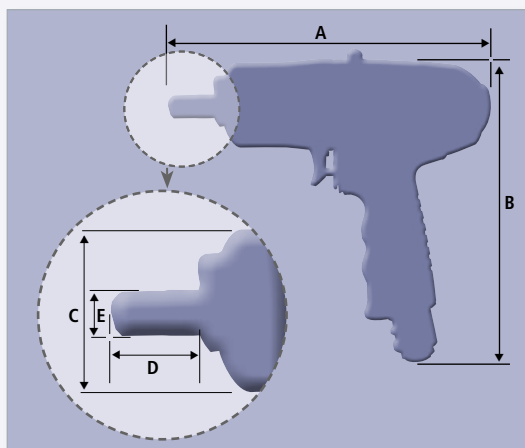
1/4" Hex drive

Type	Square / Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-30A	1/4" Hex	6	4.600	6-12,5	3,7	0,87	PT 1/4"	6,5	78
RRI-40AX	1/4" Hex	6-8	4.600	10-18	3,7	0,74	PT 1/4"	6,5	78
RRI-50A	1/4" Hex	8	7.200	16-26	5,3	0,9	PT 1/4"	6,5	80
RRI-60AX	1/4" Hex	8	6.200	20-30	6,2	0,81	PT 1/4"	8	82
RRI-70A	1/4" Hex	10	7.200	32-47	7	1,33	PT 1/4"	8	82

3/8" - 1/2" - 3/4" Square drive

Type	Square / Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-30	3/8" Square	6	4.600	7-12,5	3,7	0,87	PT 1/4"	6,5	78
RRI-40X	3/8" Square	6-8	4.600	11-19	3,7	0,74	PT 1/4"	6,5	78
RRI-50X	3/8" Square	8	7.200	16-27	5,3	0,74	PT 1/4"	6,5	80
RRI-60X	3/8" Square	8-10	6.200	22-35	6,2	0,81	PT 1/4"	8	82
RRI-70	3/8" Square	10	7.200	37-57	7	1,33	PT 1/4"	8	82
RRI-80	3/8" Square	10-12	5.100	40-70	9,3	1,19	PT 1/4"	8	82
RRI-90	1/2" Square	12	5.400	64-90	8,3	1,53	PT 1/4"	8	83
RRI-100	1/2" Square	12-14	5.300	85-120	8,7	1,85	PT 1/4"	8	84
RRI-130	1/2" Square	14-16	3.600	123-148	11,6	2,22	PT 1/4"	11	86
RRI-150	3/4" Square	16	3.700	165-210	11,6	3,05	PT 1/4"	11	86
RRI-180	3/4" Square	16-18	2.700	180-255	12,2	3,8	PT 1/4"	11	86
RRI-200	3/4" Square	18-20	3.000	230-390	26	4,25	PT 1/4"	13	88

Dimensions



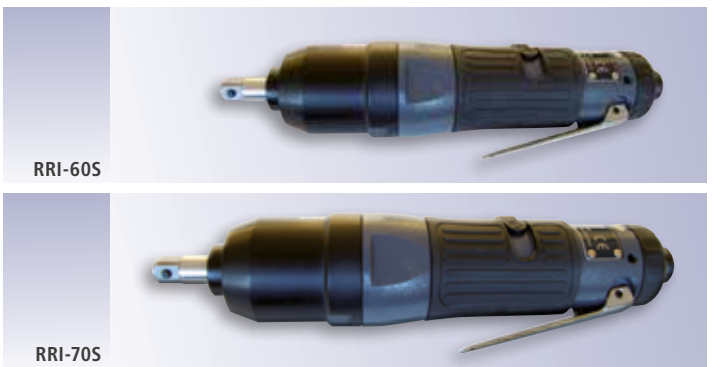
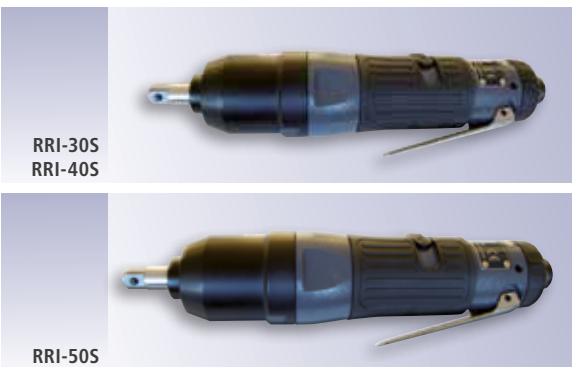
Type	A mm	B mm	C mm	D mm	E mm
RRI-30/30A	167	168	Ø46	24	Ø12
RRI-40X/40AX	147	168	Ø46	24	Ø12
RRI-50X/50A	147	168	Ø46	24	Ø12
RRI-60X/60AX	158	168	Ø46	24	Ø12
RRI-70/70A	194	192	Ø53,5	25	Ø12
RRI-80	194	170	Ø53,5	25	Ø12
RRI-90	200	192	Ø53,5	31	Ø16
RRI-100	209	195	Ø59	32	Ø16
RRI-130	216	204	Ø64	31	Ø16
RRI-150	239	215	Ø72	40	Ø25
RRI-180	263	232	Ø78	41	Ø25
RRI-200	250	239	Ø80	41	Ø25

1/4" Hex drive



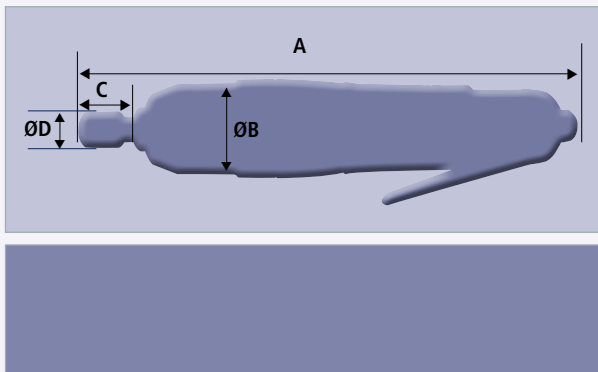
Type	Square / Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-30SA	1/4" Hex	6	4.200	6-11,5	3,7	0,77	PT 1/4"	6,5	78
RRI-40SA	1/4" Hex	6-8	4.200	10-17	3,7	0,8	PT 1/4"	6,5	78
RRI-50SA	1/4" Hex	8	6.800	15-25	5,3	0,8	PT 1/4"	6,5	80
RRI-60SA	1/4" Hex	8	6.000	20-30	6,2	0,86	PT 1/4"	8	80
RRI-70SA	1/4" Hex	8-10	5.000	28-40	6,2	0,97	PT 1/4"	8	80

1/4" Square drive



Type	Square / Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-30S	3/8" Square	6	4.200	7-12,5	3,7	0,8	PT 1/4"	6,5	78
RRI-40S	3/8" Square	6-8	4.200	11-19	3,7	0,8	PT 1/4"	6,5	78
RRI-50S	3/8" Square	8	6.800	16-27	5,3	0,8	PT 1/4"	6,5	80
RRI-60S	3/8" Square	8-10	6.000	22-35	6,2	0,86	PT 1/4"	8	80
RRI-70S	3/8" Square	10	5.000	31-47	6,2	0,97	PT 1/4"	8	80

Dimensions



Type	A mm	B mm	C mm	D mm
RRI-30SA	219	Ø46	21	Ø17,5
RRI-40SA	224	Ø46	27	Ø17,5
RRI-50SA	224	Ø46	27	Ø17,5
RRI-60SA	235	Ø46	27	Ø17,5
RRI-70SA	244	Ø48	27	Ø17,5
RRI-30S	219	Ø46	24	Ø12
RRI-40S	221	Ø46	24	Ø12
RRI-50S	221	Ø46	24	Ø12
RRI-60S	221	Ø46	24	Ø12
RRI-70S	244	Ø48	25	Ø12



See page 33 for Impulse wrenches tailored to your specific needs.

NON SHUT-OFF MODELS 1/4" | 3/8" | 1/2"

1/4" Hex drive



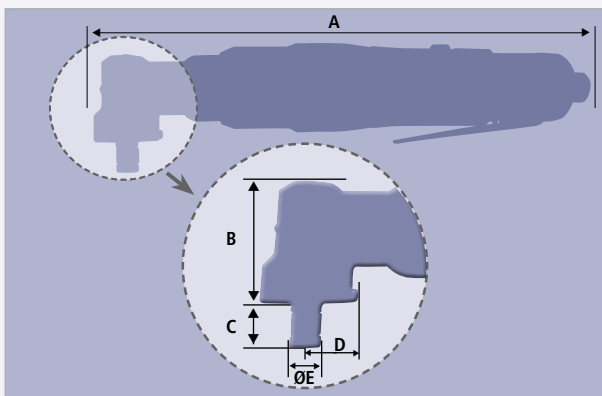
Type	Square / Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-50RA	1/4" Hex	6-8	4.300	9,5-16	4,8	1,2	PT 1/4"	6,5	80
RRI-60RA	1/4" Hex	8	4.700	15-22	6,2	1,3	PT 1/4"	8	80
RRI-70RA	1/4" Hex	8	4.500	20-29	6,2	1,4	PT 1/4"	8	80

1/2" - 3/8" SQ. drive



Type	Square / Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air consumption l/sec	Weight kg	Inlet-thread	Hose diameter mm	Noise-level dB(A)
RRI-50R	3/8" Square	6-8	4.300	10,5-17	4,8	1,2	PT 1/4"	6,5	80
RRI-60R	3/8" Square	8	4.700	16-24	6,2	1,3	PT 1/4"	8	80
RRI-70R	3/8" Square	8-10	4.500	22-31	6,2	1,4	PT 1/4"	8	80
RRI-70RG	3/8" Square	10	2.000	34-50	6,2	1,6	PT 1/4"	8	82
RRI-70RH	1/2" Square	8-12	2.200	46-60	6,2	1,6	PT 1/4"	8	82

Dimensions



Type	A mm	B mm	C mm	D mm	E mm
RRI-50RA	253	45	16	16	Ø11
RRI-60RA	264	45	16	16	Ø11
RRI-70RA	272	45	16	16	Ø11
RRI-50R	253	45	14	16	Ø12
RRI-60R	264	45	14	16	Ø12
RRI-70R	272	45	14	16	Ø12
RRI-70RG	281	47	14	21	Ø16
RRI-70RH	281	47	21	21	Ø16

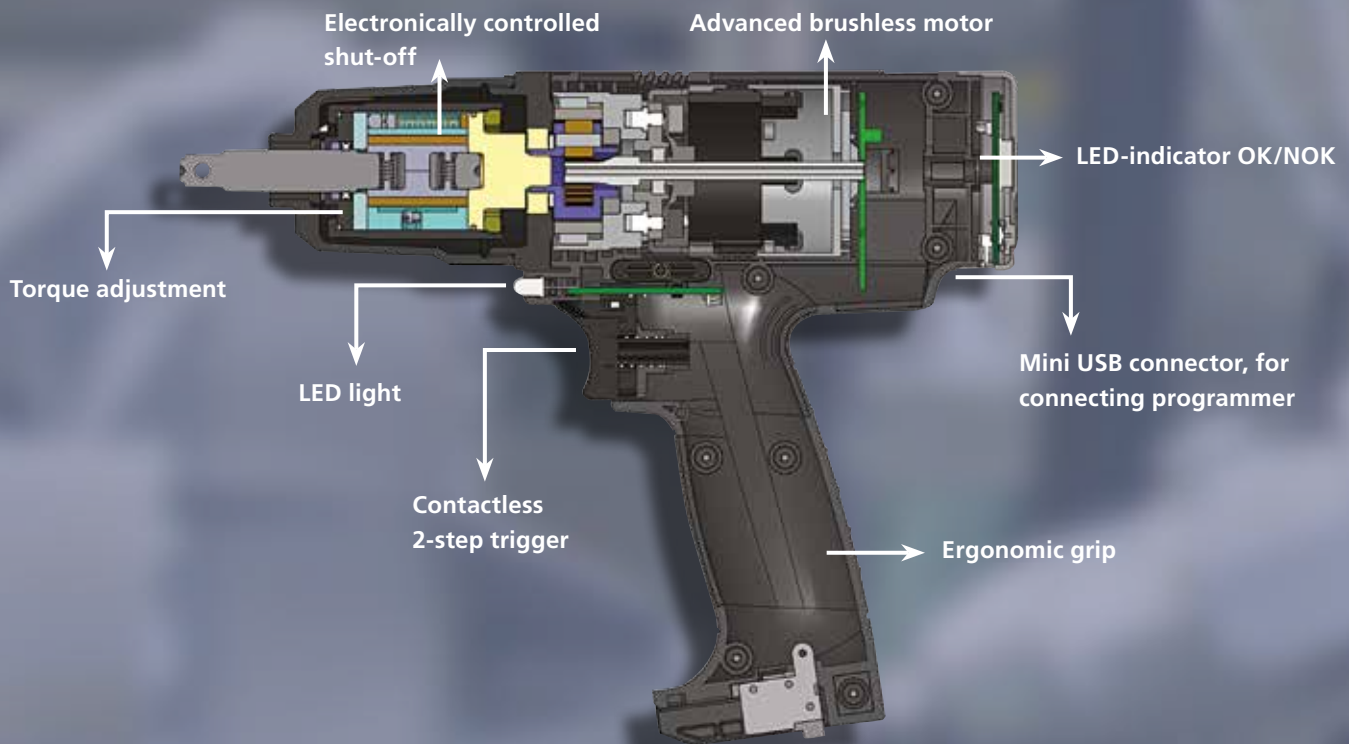


See page 33 for Impulse wrenches tailored to your specific needs.

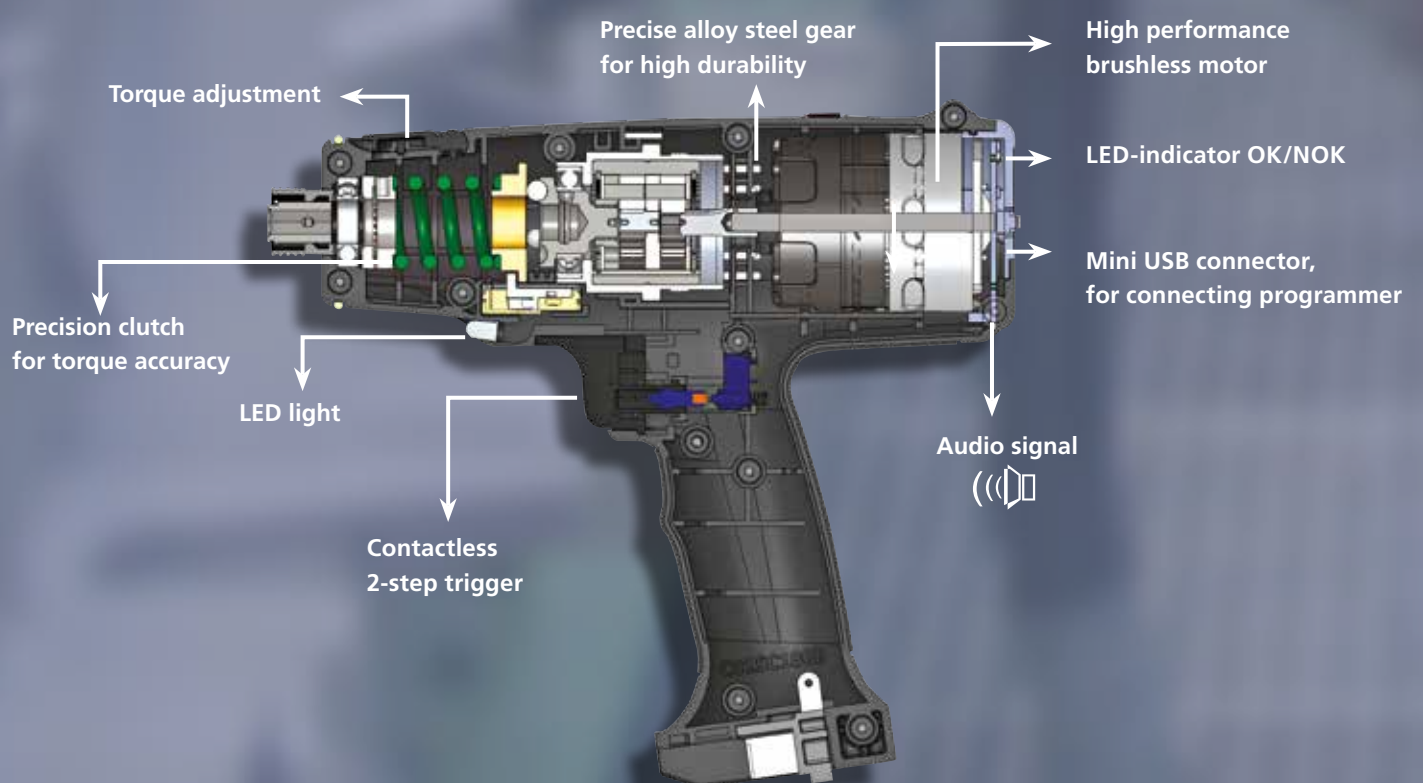
CORDLESS SHUT-OFF IMPULSE WRENCHES & CORDLESS SHUT-OFF SCREWDRIVERS

Main features

CORDLESS SHUT-OFF IMPULSE WRENCH



CORDLESS SHUT-OFF SCREWDRIVER



CORDLESS SHUT-OFF IMPULSE WRENCHES

RRI-BIM-SERIE

High tightening speed combined with high accuracy. No reaction forces during the tightening process. No tightening functionality when battery charge is low, thus process safety improves. Very well suited in areas where cables and hoses impede handling flexibility of tools, such as interiors of cars, coaches and trains.

Characteristics:

- Brushless motor
- 18 Volt Lithium-Ion battery
(choice for 2,0 Ah or 4,0 Ah capacity)
- LED status indicates: Reverse, OK, NOK, Battery low
- Torque adjustable
- Fine-tuning on hardness of the joint, electronically
- Non-contact trigger with 2 steps
- Run-down speed up to 4500 RPM



Battery, charger, programmer and power cord have to be ordered separately.

Type	Square/ Hex drive	Torque Nm	RPM	Weight kg
RRI-BIM15AT	1/4" Hex	7-15	4.500	1,16
RRI-BIM15T	3/8" Square	8-15	4.500	1,16
RRI-BIM25AT	1/4" hex	14-23	4.500	1,18
RRI-BIM25T	3/8" Square	15-25	4.500	1,18
RRI-BIM35T	3/8" Square	22-35	3.500	1,36
RRI-BIM45T	3/8" Square	32-45	3.500	1,42

CHARACTERISTICS



ACCESSORIES

RUBBER PROTECTION COVERS

Type	Ordernumber
RRI-BIM25T (AT)	C16PW-25
RRI-BIM35T	C16PW-25
RRI-BIM15T (AT)	C16PW-15
RRI-BIM45T	C16PW-45

ALUMINIUM COVER

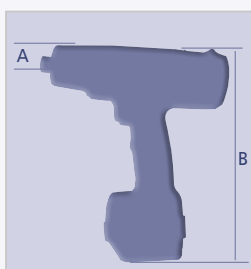
Type	Order number
RRI-BIM-Serie	B10PW15

SERVICE KITS

Type	Order number
RRI-BIM15AT	I40RK
RRI-BIM15T	I40RK
RRI-BIM25AT	I70RK
RRI-BIM25T	I70RK
RRI-BIM35T	I70RK
RRI-BIM45T	I80RK-YO

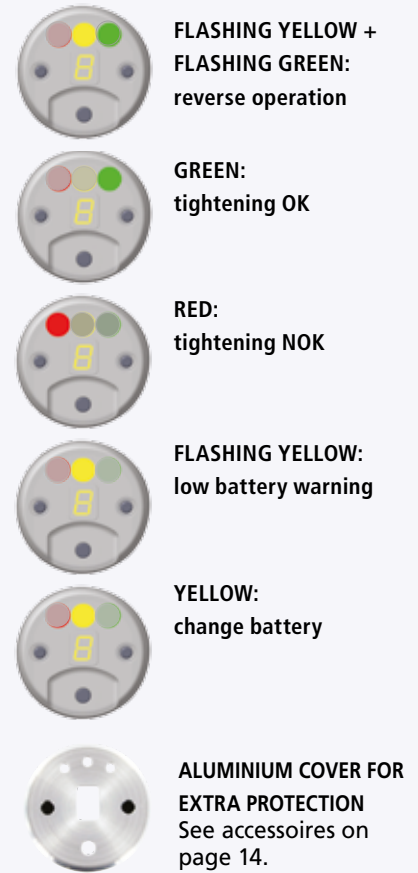
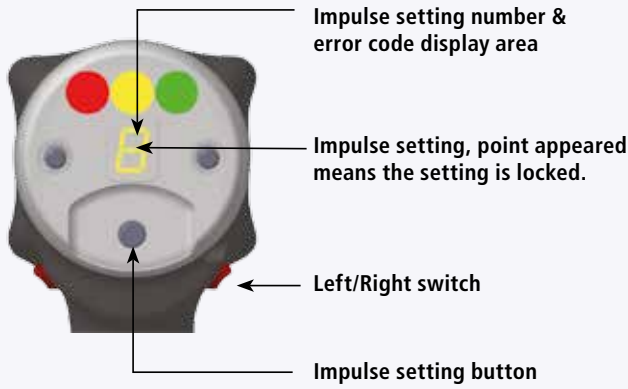
For battery, charger, programmer and power cord, see page 17.

DIMENSIONS



Type	A mm	B mm
RRI-BIM15AT	29	227
RRI-BIM15T	29	234
RRI-BIM25AT	29	237
RRI-BIM25T	29	234
RRI-BIM35T	29	234
RRI-BIM45T	29	244

LED-indicator OK/NOK



FLASHING YELLOW + FLASHING GREEN:
reverse operation

GREEN:
tightening OK

RED:
tightening NOK

FLASHING YELLOW:
low battery warning

YELLOW:
change battery

ALUMINIUM COVER FOR EXTRA PROTECTION
See accessoires on page 14.

Blocking adjustment of the shut-off:

- Remove battery
- Mount battery and simultaneously push trigger and L/R Switch until sound signal (5 seconds), then release trigger and L/R Switch.

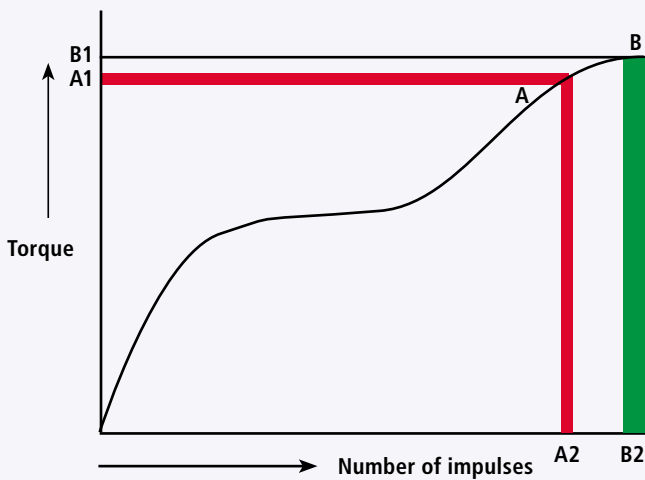
Blocking Un-tightening

- Remove battery
- Mount battery and simultaneously push L/R Switch until sound signal (5 seconds)

Deblocking = same

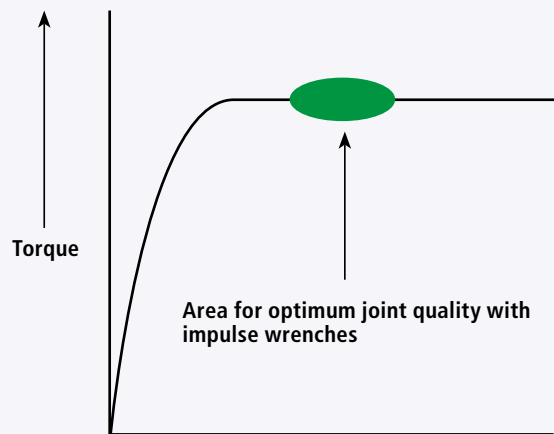
Deblocking = same

Mechanical shut-off or electronic controlled shut-off impulse wrenches



A = shut-off area of mechanical shut-off impulse wrenches
B = shut-off area of electronic controlled shut-off impulse wrenches. Optimum tension with lower relaxation.

Joint Quality



For hard joints: numerical setting: (2-3-4)
For middle soft joints: numerical setting: (4-5-6)
For soft joints: numerical setting: (6-7-8-9)

CORDLESS SHUT-OFF SCREWDRIVER RRI-BS-SERIE

RED ROOSTER Cordless shut-off screwdriver. Very well suited for assembly applications with a need of good torque accuracy. Especially in areas where cables and hoses impede handling flexibility, such as interiors of cars, coaches and trains.

Characteristics:

- The ergonomic handle design makes work easier and effort-saving that promotes the work efficiency.
- Torque accuracy: Meet ISO 5393 Cmk>2 at ±10% tolerance.
- Precision clutch with low reaction forces.
- Trigger repeat protection avoids "double hits".
- Brushless motor: Ensures low maintenance.
- Highly durable gear: Ensures low maintenance.
- Precision shut-off clutch: Ensures quality in tightening.
- Ergonomic rubber grip: Ensures operator performance.
- Delivery includes hanger bracket.



Possibility of four rings with different colours to distinguish the torque: Colour coding of your tools made easy working!

Battery, charger, programmer and power cord have to be ordered separately.

Type	Volt V	Drive size	Screw size mm	Torque range Nm	RPM	Weight (w/o battery) kg
RRI-BS3	18 V	1/4" Hex	M3 - M4	0,8 - 3	500 - 1.550	0,95
RRI-BS6	18 V	1/4" Hex	M3 - M5	1 - 6	300 - 900	0,95
RRI-BS9	18 V	1/4" Hex	M3 - M5	1,5 - 9	300 - 700	0,95
RRI-BS12	18 V	1/4" Hex	M4 - M6	2 - 12	250 - 550	0,95

BACK PANEL LED-INDICATIONS

- A green light tells the operator that the preset torque is reached and the tightening is OK.
- A red light and one long "beep" sound tells the operator that the preset torque is not reached, tightening must be performed again.
- A flashing yellow light and five short "beep" sounds give an early warning when it is time for recharging the battery.
- A yellow light and one long "beep" sound means the battery is empty and the tool can't operate. A fully charged battery should be placed to continue working.



PROGRAMMER

Features:

- One programmer fits all RRI-BS series tools
- Easy to set the tool speed:
 - High speed for metallic assemblies
 - Medium speed for plastic assemblies
 - Low speed for special assemblies
- Total used time memory function
- Total count memory function
- Operation count memory function
- Tool identification number

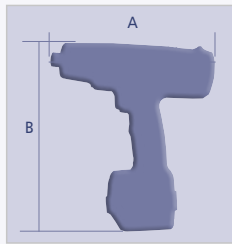
(All memory functions stored on printed circuit board in the tool)



APPLICATIONS



- Assembly applications where torque accuracy is required.
- Areas where pneumatic or electric tools are impractical to use due to hoses/cables.
- Especially used on car interior assembly.
- Attaching components to the dashboard.
- Hose clips on turbo chargers and air intakes, heating and climate systems and coolant circuits.
- Assembly of components in switch cabinets.

DIMENSIONS

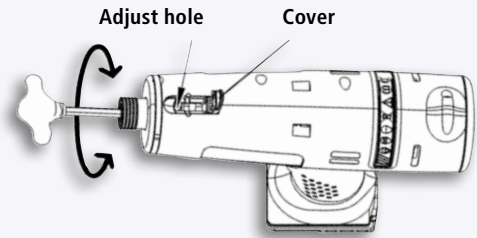


Type	A mm	B mm
RRI-BS3	203	238
RRI-BS6	203	238
RRI-BS9	203	238
RRI-BS12	203	238

ACCESSORIES

Type	Ordernumber	
Torque adjustment key	00-4507*	
* Supplied as standard		
Type	Ordernumber	
Rubber protection cover	C16SC180B	

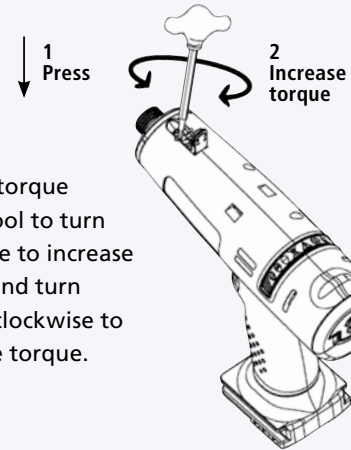
TORQUE ADJUSTMENT



1. Lift the torque adjustment over. Take the torque adjust tool and insert it to the quick change holder and turn until the adjust hole shows up.

Note:

To avoid danger during the adjustment process, the battery pack must be removed before adjusting the torque.



2. Use the torque adjust tool to turn clockwise to increase torque and turn counterclockwise to decrease torque.

LI-ION BATTERY, CHARGER, PROGRAMMER, POWER CORD & RUBBER PROTECTION COVER FOR BATTERY



Type	Cycles per battery charge, hard joint (depending on RPM and torque)	Ordernumber	Ordernumber rubber protection cover for battery
Charger (40 Min.)	-	B84192B	-
Li-Ion battery 18V 2 Ah	2 Ah: 300 - 350 cycles	BB180C-320	C16180C-20
Li-Ion battery 18V 4 Ah	4 Ah: 700 - 750 cycles	BB180C-340	C16180C-40
Programmer	-	B745C180B	-
Power cord	-	E86B-VD European style E86B-Englisch style	- -

CORDLESS ANGLE WRENCH WITH AUTOMATIC SHUT-OFF RRI-BA-SERIE

These RED ROOSTER cordless angle wrench with automatic shut-off are very well suited for assembly applications with a need of good torque accuracy. Especially for applications in areas where cables and hoses impede handling flexibility, such as interiors of cars, coaches and trains.

Characteristics:

- Brushless motor
- 18 Volt Lithium-Ion battery
- Led status indicates
OK - NOK - REVERSE - BATTERY LOW
- Adjustable torque
- Speed 170 to 1000 RPM
- Compact and light weight
- Torque up to 70 Nm
- Color ring for torque setting indication

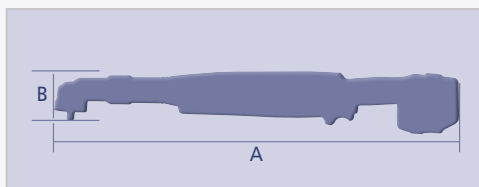
Battery, charger, programmer and power cord have to be ordered separately.



Type	Battery voltage	Battery type	Drive	Bolt capacity mm	RPM	Torque Nm	Weight kg	Vibration m/s ²	Noise level dB(A)
RRI-BA10S3	18 V	Li-ion 2 AH / 4 AH	3/8" Square	4-5	400-1.000	3-12	1,50	<2,5	<75
RRI-BA16S3	18 V	Li-ion 2 AH / 4 AH	3/8" Square	5-6	300-600	5-18	1,50	<2,5	<75
RRI-BA30S3	18 V	Li-ion 2 AH / 4 AH	3/8" Square	6-8	250-450	8-30	1,50	<2,5	<75
RRI-BA35S3	18 V	Li-ion 2 AH / 4 AH	3/8" Square	6-8	200-350	10-35	1,75	<2,5	<75
RRI-BA50S3	18 V	Li-ion 2 AH / 4 AH	3/8" Square	6-10	200	10-50	2,00	<2,5	<75
RRI-BA70S3	18 V	Li-ion 2 AH / 4 AH	3/8" Square	8-12	170	20-70	2,50	<2,5	<75

DIMENSIONS

Type	A mm	B mm
RRI-BA10S3	480	87
RRI-BA16S3	480	87
RRI-BA30S3	480	87
RRI-BA35S3	480	87
RRI-BA50S3	560	87
RRI-BA70S3	560	87



ACCESSORIES

Rubber protection cover for type	Ordernumber	
RRI-BA10S3 / RRI-BA16S3 RRI-BA30S3 / RRI-BA35S3	C16WR	
RRI-BA50S3	C16WRB50	
RRI-BA70S3	C16WRB70	

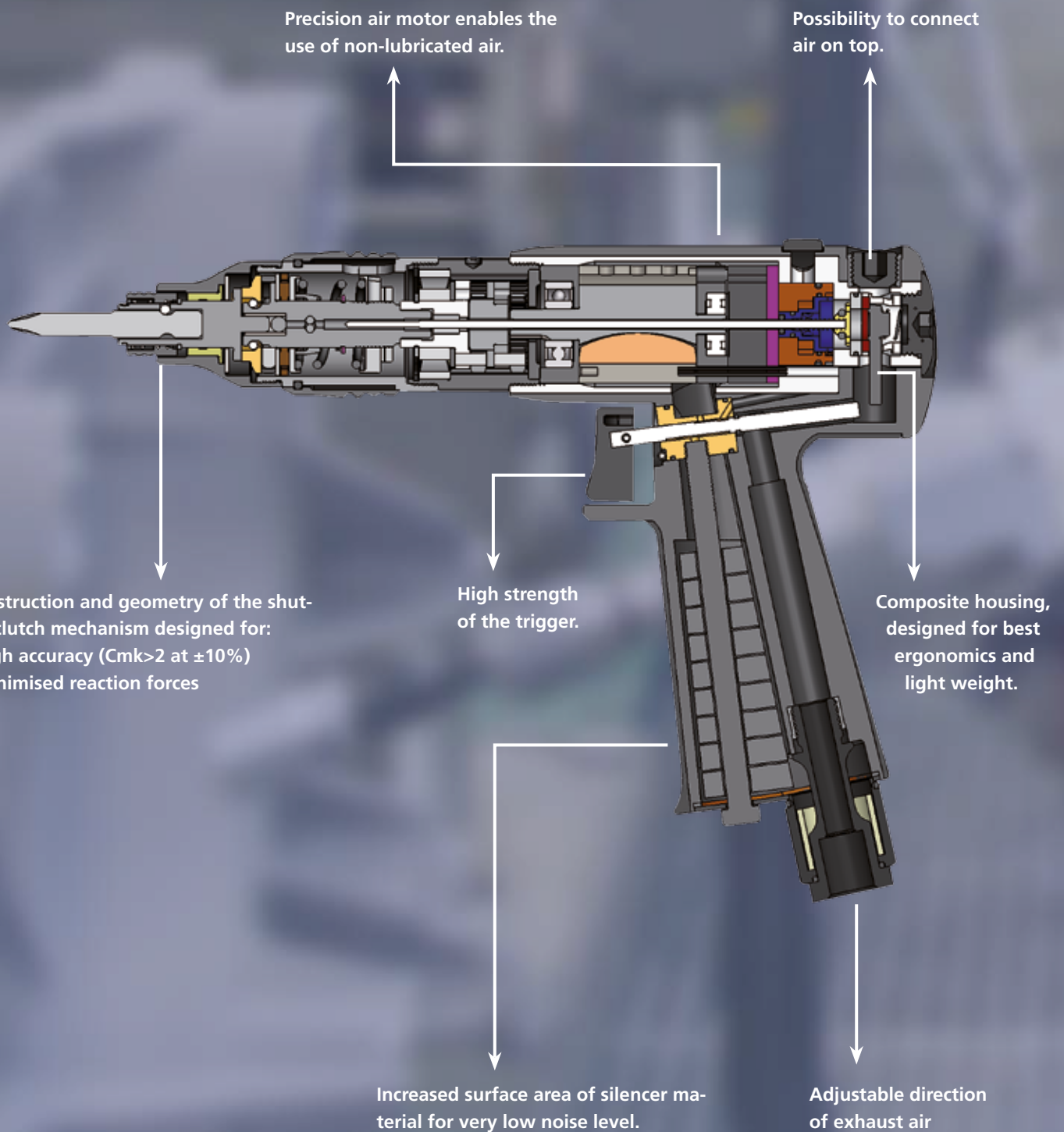
For battery, charger, programmer and power cord, see page 17.



See page 34 & 35 for angle wrenches tailored to your specific needs.

SHUT-OFF SCREWDRIVERS

Main features



SHUT-OFF SCREWDRIVERS

These RED ROOSTER shut-off screwdrivers have a large torque-range, are highly accurate, have a low vibration level, have a very ergonomic design and have a low noise level. The special design of the clutch combines low reaction forces with a high repeatability of the torque. This air tool is designed for the assembly industry, where threaded fasteners are used. The wide range of different speeds always allows the best choice for a specific need. Low speed for plastics and hose clamps, high speeds for machined screws

Characteristics:

- Composite housing
- Reversible
- Rear-exhaust, silenced
- Ergonomic grip, lever start
- Easily adjustable
- Pistol model air on top
- Torque large
- Delivery includes hanger
- Side grip delivered with size 3 tools

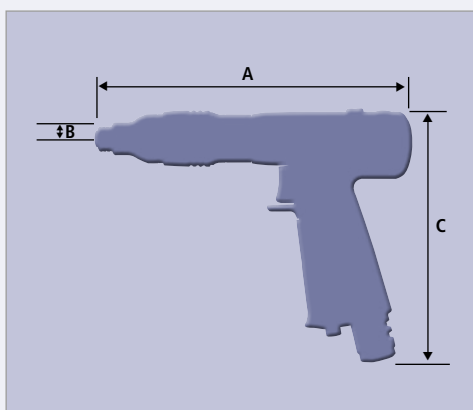


Pistol model

Type	Brand	Hex drive	Bolt capacity mm	RPM	Torque Nm	Air-cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-SP11602	RRI	1/4" Hex	4	1.600	0,3 - 1,5	8	0,77	1/4"	6,5	<2,5	68
RRI-SP10902	RRI	1/4" Hex	4	900	0,3 - 1,8	8	0,77	1/4"	6,5	<2,5	68
RRI-SP21704	RRI	1/4" Hex	4	1.700	1 - 3,5	10	0,98	1/4"	6,5	<2,5	72
RRI-SP21104	RRI	1/4" Hex	4	1.100	1 - 4	10	0,98	1/4"	6,5	<2,5	72
RRI-SP20705	RRI	1/4" Hex	4	700	1 - 4,5	10	0,98	1/4"	6,5	<2,5	72
RRI-SP31706	RRI	1/4" Hex	5	1.700	3,5 - 5,2	12	1,1	1/4"	6,5	<2,5	72
RRI-SP31108	RRI	1/4" Hex	5	1.100	3,5 - 6,3	12	1,1	1/4"	6,5	<2,5	72
RRI-SP30710	RRI	1/4" Hex	6	700	3,5 - 8,2	12	1,1	1/4"	6,5	<2,5	72
RRI-SP30511	RRI	1/4" Hex	6	550	3,5 - 10	12	1,1	1/4"	6,5	<2,5	72

* The indicated torque levels are measured on hard joints. On soft joints the torque result might be lower.

DIMENSIONS



Type	A mm	B mm	C mm	Size
RRI-SP11602	198	16	157	1
RRI-SP10902	198	16	157	1
RRI-SP21704	209	18	157	2
RRI-SP21104	209	18	157	2
RRI-SP20705	209	18	157	2
RRI-SP31706	238	18	156	3
RRI-SP31108	238	18	157	3
RRI-SP30710	238	18	157	3
RRI-SP30511	238	18	157	3

ACCESSORIES

TORQUE ADJUSTMENT KEY

Type	Ordernr.	
Torque Adjustment Key	00-4507*	

* Supplied as standard

SIDE GRIP OPTIONAL FOR SIZE 3 TOOLS

Type	Ordernr.	
Side grip	766-027*	

* Supplied as standard

TOOLHOLDER FOR SP-SERIE

Type	Ordernr.	
Tool holder	SKK	

SHUT-OFF SCREWDRIVERS

These RED ROOSTER shut-off screwdrivers have a large torque-range, are highly accurate and have a low vibration level. Very ergonomic design and low noise level. The special design of the clutch combines low reaction forces with a high repeatability of the torque. This air tool is designed for the assembly industry, where threaded fasteners are used.

Characteristics:

- New straight design with soft grip
- Reversible
- Rear-exhaust, silenced
- Ergonomic grip, lever start
- Easily adjustable
- Delivery includes hanger
- Large torque range
- Side grip delivered with size 3 tools



Shut-Off screwdrivers push start type



Shut-Off screwdrivers lever start type

Type	Brand	Hex drive	Bolt capacity mm	RPM	Torque Nm	Air-cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
------	-------	-----------	------------------	-----	-----------	---------------	-----------	--------------	------------------	----------------------------	-------------------


Shut-Off screwdrivers push start type

RRI-SD11602	RRI	1/4" Hex	4	1.600	0,3 - 1,5	8	0,54	1/4"	6,5	<2,5	68
RRI-SD10902	RRI	1/4" Hex	4	900	0,3 - 1,8	8	0,54	1/4"	6,5	<2,5	68
RRI-SD21704	RRI	1/4" Hex	4	1.700	1 - 3,5	10	0,77	1/4"	6,5	<2,5	72
RRI-SD21104	RRI	1/4" Hex	4	1.100	1 - 4	10	0,77	1/4"	6,5	<2,5	72
RRI-SD20705	RRI	1/4" Hex	4	700	1 - 4,5	10	0,77	1/4"	6,5	<2,5	72
RRI-SD31706	RRI	1/4" Hex	5	1.700	3,5 - 5,2	12	0,89	1/4"	6,5	<2,5	72
RRI-SD31108	RRI	1/4" Hex	5	1.100	3,5 - 6,3	12	0,89	1/4"	6,5	<2,5	72
RRI-SD30710	RRI	1/4" Hex	6	700	3,5 - 8,2	12	0,89	1/4"	6,5	<2,5	72
RRI-SD30511	RRI	1/4" Hex	6	550	3,5 - 10	12	0,89	1/4"	6,5	<2,5	72

Shut-Off screwdrivers lever start type

RRI-SL11602	RRI	1/4" Hex	4	1.600	0,3 - 1,5	8	0,59	1/4"	6,5	<2,5	68
RRI-SL10902	RRI	1/4" Hex	4	900	0,3 - 1,8	8	0,59	1/4"	6,5	<2,5	68
RRI-SL21704	RRI	1/4" Hex	4	1.700	1 - 3,5	10	0,84	1/4"	6,5	<2,5	72
RRI-SL21104	RRI	1/4" Hex	4	1.100	1 - 4	10	0,84	1/4"	6,5	<2,5	72
RRI-SL20705	RRI	1/4" Hex	4	700	1 - 4,5	10	0,84	1/4"	6,5	<2,5	72
RRI-SL31706	RRI	1/4" Hex	5	1.700	3,5 - 5,2	12	0,93	1/4"	6,5	<2,5	72
RRI-SL31108	RRI	1/4" Hex	5	1.100	3,5 - 6,3	12	0,93	1/4"	6,5	<2,5	72
RRI-SL30710	RRI	1/4" Hex	6	700	3,5 - 8,2	12	0,93	1/4"	6,5	<2,5	72
RRI-SL30511	RRI	1/4" Hex	6	550	3,5 - 10	12	0,93	1/4"	6,5	<2,5	72

* The indicated torque levels are measured on hard joints. On soft joints the torque result might be lower.

DIMENSIONS		Push start type			Lever start type				
		Type	A mm	B mm	Size	Type	A mm	B mm	Size
		RRI-SD11602	228	16	1	RRI-SL11602	244	16	1
		RRI-SD10902	228	16	1	RRI-SL10902	244	16	1
		RRI-SD21704	244	18	2	RRI-SL21704	263	18	2
		RRI-SD21104	244	18	2	RRI-SL21104	263	18	2
		RRI-SD20705	244	18	2	RRI-SL20705	263	18	2
		RRI-SD31706	276	18	3	RRI-SL31706	263	18	3
		RRI-SD31108	276	18	3	RRI-SL31108	309	18	3
		RRI-SD30710	276	18	3	RRI-SL30710	309	18	3
		RRI-SD30511	276	18	3	RRI-SL30511	309	18	3

For torque adjustment key and side grip for screwdrivers with size 3 see page 20.

SHUT-OFF SCREWDRIVERS

These RED ROOSTER Shut-Off screwdrivers have a large torque-range, are highly accurate and have a low vibration level. Very ergonomic design and low noise level. The special design of the clutch combines low reaction forces with a high repeatability of the torque. This air tool is designed for the assembly industry, where threaded fasteners are used.

Characteristics:

- New angled body-design with soft grip
- Reversible
- Rear-exhaust, silenced
- Ergonomic grip, lever start
- Easily adjustable
- Delivery includes hanger
- Large torque range



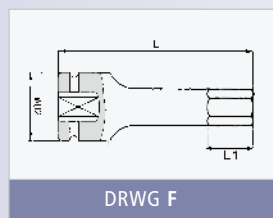
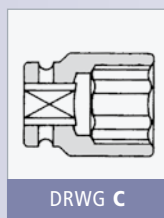
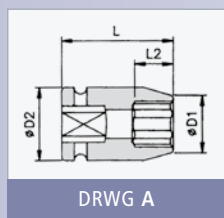
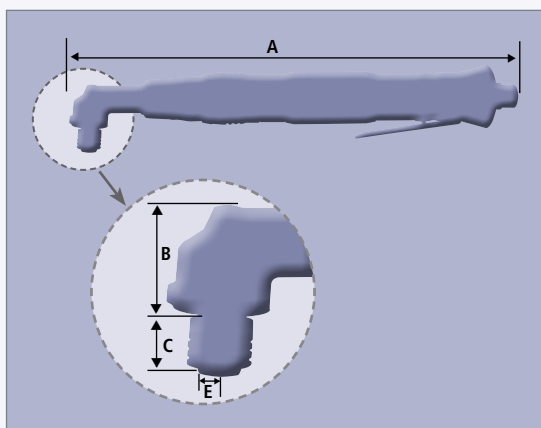
Angle model

ACCESSORIES	TORQUE ADJUSTMENT KEY	
	Type	Ordernr.
	Torque Adjust-ment Key	00-4507*
	* Supplied as standard	

Type	Brand	Hex drive	Bolt capacity mm	RPM	Torque Nm	Air-cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-SA11602	RRI	1/4" Hex	4	1.600	0,3 - 1,5	8	0,82	1/4"	6,5	<2,5	68
RRI-SA10902	RRI	1/4" Hex	4	900	0,3 - 1,8	8	0,82	1/4"	6,5	<2,5	68
RRI-SA21704	RRI	1/4" Hex	4	1.700	1 - 3,5	10	1,02	1/4"	6,5	<2,5	72
RRI-SA21104	RRI	1/4" Hex	4	1.100	1 - 4	10	1,02	1/4"	6,5	<2,5	72
RRI-SA20705	RRI	1/4" Hex	4	700	1 - 4,5	10	1,02	1/4"	6,5	<2,5	72
RRI-SA31108	RRI	1/4" Hex	5	1.100	3,5 - 6,3	12	1,36	1/4"	6,5	<2,5	72
RRI-SA30710	RRI	1/4" Hex	6	700	3,5 - 8,2	12	1,36	1/4"	6,5	<2,5	72
RRI-SA30511	RRI	1/4" Hex	6	550	3,5 - 10	12	1,36	1/4"	6,5	<2,5	72
RRI-SA31108W	RRI	3/8" Square	5	1.100	3,5 - 6,3	12	1,36	3/8"	6,5	<2,5	72
RRI-SA30710W	RRI	3/8" Square	6	700	3,5 - 8,2	12	1,36	3/8"	6,5	<2,5	72
RRI-SA30511W	RRI	3/8" Square	6	550	3,5 - 10	12	1,36	3/8"	6,5	<2,5	72

* The indicated torque levels are measured on hard joints. On soft joints the torque result might be lower.

DIMENSIONS	A		B		C		E			
	Type	A mm	B mm	C mm	E mm	Type	A mm	B mm	C mm	E mm
	RRI-SA11602	294	29	16,1	12					
	RRI-SA10902	294	29	16,1	12					
	RRI-SA21704	314	29	16,1	12					
	RRI-SA21104	314	29	16,1	12					
	RRI-SA20705	314	30,5	15,8	13,5					
	RRI-SA31108	350	30,5	15,8	13,5					
	RRI-SA30710	350	30,5	15,8	13,5					
	RRI-SA30511	350	30,5	15,8	13,5					
	RRI-SA31108W	350	30,5	15,8	13,5					
	RRI-SA30710W	350	30,5	15,8	13,5					
	RRI-SA30511W	350	30,5	15,8	13,5					



ACTION

IMPACT SOCKETS



3/8" Antrieb

SIZE									
6 point normal					Deep				
Type	A/F mm	DRWG.	D1 mm	D2 mm	L mm	L2 mm	Type	L mm	L2 mm
Metrical									
DO1038-0-006	6	A	11	19	30	4	DO1038-1-006	63	12
DO1038-0-007	7	A	12,5	19	30	8	DO1038-1-007	63	12
DO1038-0-008	8	A	14	19	30	8	DO1038-1-008	65	12
DO1038-0-010	10	A	16	19	30	8	DO1038-1-010	65	12
DO1038-0-012	12	B	19	19	30	9	DO1038-1-012	65	12
DO1038-0-013	13	A	20	22	30	9	DO1038-1-013	65	25
DO1038-0-014	14	A	21	22	30	9	DO1038-1-014	65	25
DO1038-0-015	15	B	22	22	30	11	DO1038-1-015	65	25
DO1038-0-016	16	C	24	22	30	11	DO1038-1-016	65	25
DO1038-0-017	17	C	25	22	30	11	DO1038-1-017	65	25
DO1038-0-019	19	C	27,5	22	30	11	DO1038-1-019	65	25
DO1038-0-024	24	C	34	23	30	13	DO1038-1-024	65	25

SIZE						
Torx® internal						
Type	A/F	Drawing	D1 mm	L mm	L1 mm	-
Metrical						
DO64711015	T15	F	19	50	2,8	-
DO64711020	T20	F	19	50	3	-
DO64711025	T25	F	19	50	3	-
DO64711030	T30	F	19	50	3,8	-
DO64711040	T40	F	19	50	4,3	-
DO64711045	T45	F	19	50	5	-
DO64711050	T50	F	19	50	5,5	-

Torx® is a trademark of Textron.

SIZE									
6-Point normal					Deep				
Type	A/F mm	DRWG.	D1 mm	D2 mm	L mm	L2 mm	Type	L mm	L2 mm
Metrical									
DO6051P006	6	A	11,5	19	30	3	DO6051R006	55	3
DO6051P007	7	A	12,5	19	30	3	DO6051R007	55	3
DO6051P008	8	A	14	19	30	3	DO6051R008	55	3
DO6051P009	9	A	15	19	30	4	DO6051R009	55	4
DO6051P010	10	A	16,5	19	30	4	DO6051R010	55	4
DO6051P011	11	A	17,5	19	30	5	DO6051R011	55	5
DO6051P012	12	B	19	19	30	5	DO6051R012	55	5
DO6051P013	13	A	20	22	30	5	DO6051R013	55	5
DO6051P014	14	A	21,5	22	30	6	DO6051R014	55	6
DO6051P015	15	B	22	22	30	6	DO6051R015	55	6
DO6051P016	16	C	24	22	30	6	DO6051R016	55	6
DO6051P017	17	C	25	22	30	6	DO6051R017	55	6
DO6051P018	18	C	26	22	30	7	DO6051R018	55	7
DO6051P019	19	C	27,5	22	30	7	DO6051R019	55	7

SIZE						
Torx® external						
Type	A/F mm	Drawing	D1 mm	D2 mm	L mm	L2 mm
Metrical						
DO63310005	E5	A	9	19	32	4,5
DO63310006	E6	A	10	19	32	5
DO63310008	E8	A	10,5	19	32	6
DO63310010	E10	A	12,5	19	32	7,5
DO63310012	E12	A	15	19	32	8,5

Torx® is a trademark of Textron.

SIZE						
Hex driver (inbus)						
Type	A/F mm	Drawing	D2 mm	L1 mm	L mm	-
Metrical						
DO696204A	4	F	19	16	50	-
DO696205A	5	F	19	16	50	-
DO696206A	6	F	19	16	50	-
DO696208A	8	F	19	16	50	-
DO696210A	10	F	19	16	50	-
DO696212A	12	F	19	16	50	-
DO696214A	14	F	19	16	50	-

SIZE									
12 Point normal					Deep				
Type	A/F mm	DRWG.	D1 mm	D2 mm	L mm	L2 mm	Type	L mm	L2 mm
Metrisch									
DO65815006	6	A	11	19	30	5	DO65817006	63	5
DO65815007	7	A	12	19	30	8	DO65817007	63	12
DO65815008	8	A	13	19	30	8	DO65817008	63	12
DO65815009	9	A	15	19	30	8	DO65817009	65	12
DO65815010	10	A	16	19	30	8	DO65817010	65	22
DO65815011	11	A	17,5	19	30	9	DO65817011	65	22
DO65815012	12	A	18,5	19	30	9	DO65817012	65	22
DO65815013	13	A	20	22	30	10	DO65817013	65	22
DO65815014	14	A	21	22	30	11	DO65817014	65	22
DO65815015	15	B	22	22	30	12	DO65817015	65	22
DO65815016	16	C	24	22	30	12	DO65817016	65	24
DO65815017	17	C	25	22	30	12	DO65817017	65	24
DO65815018	18	C	26	22	30	13	DO65817018	65	24
DO65815019	19	C	27	22	30	13	DO65817019	65	24
DO65815020	20	C	28	22	30	13	DO65817020	65	24
DO65815021	21	C	30	22	30	14	DO65817021	65	24
DO65815022	22	C	31	23	30	15	DO65817022	65	24
DO65815023	23	C	32	23	30	15	DO65817023	65	24
DO65815024	24	C	34	23	30	16	DO65817024	65	24
DO65815025	25	C	35	23	30	16	DO65817025	65	24
DO65815026	26	C	36	23	30	16	DO65817026	65	24

ACTION

IMPACT SOCKETS FOR SCREWDRIVERS



1/4" Drive

SIZE 6-Point 1

Type	A/F mm	DRWG	D1 mm	L mm	L1 mm
Metrical					
DO697B0S04	4	A	8	55	4,5
DO697B0S06	6	A	10	55	4,5
DO697B0T06	6	A	10	75	4,5
DO697B0T07	7	A	11	75	4,5
DO697B0T08	8	A	12	75	4,5
DO697B0T10	10	A	14	75	5,5
DO697B0T12	12	A	17	75	5,5
DO697B0T13	13	A	18	75	5,5
DO697B0T14	14	A	19	75	5,5
DO697B0W12	12	A	17	200	5,5
DO697B0W14	14	A	19	200	5,5

SIZE 6-Point magnetic 2

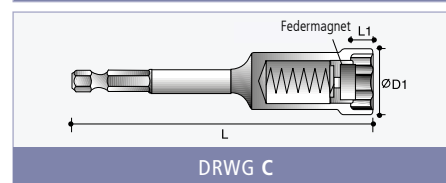
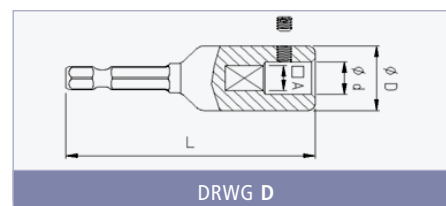
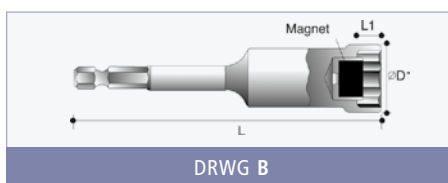
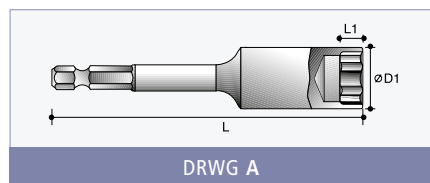
Type	A/F mm	DRWG	D1 mm	L mm	L1 mm
Metrical					
DO697B0M06	6	B	10	55	4,5
DO697B0M07	7	B	11	55	4,5
DO697B0M08	8	B	12	55	4,5
DO697B0M10	10	B	14	55	5,5
DO697B0M11	11	B	16	55	5,5
DO697B0M12	12	B	17	55	5,5
DO697B0M13	13	B	18	55	5,5
DO697B0M14	14	B	19	55	5,5
DO697B0N10	10	B	14	75	5,5
DO697B0N12	12	B	17	75	5,5
DO697B0P06	6	B	10	100	4,5
DO697B0P07	7	B	11	100	4,5
DO697B0P08	8	B	12	100	4,5
DO697B0P10	10	B	14	100	5,5
DO697B0P12	12	B	17	100	5,5
DO697B0P13	13	B	18	100	5,5
DO697B0P14	14	B	19	100	5,5
DO697B0P17	17	B	23	100	5,5
DO697B0Q10	10	B	14	150	5,5
DO697B0R10	10	B	14	200	5,5

SIZE 6-Point deep magnetic 2

Type	A mm	DRWG	D1 mm	L mm	L1 mm
Metrical					
DO697B6006	6	C	10	75	4,5
DO697B7006	6	C	10	100	4,5
DO697B7008	8	C	12	100	4,5
DO697B7010	10	C	14	100	5,5
DO697B7012	12	C	17	100	5,5
DO697B7013	13	C	18	100	5,5
DO697B7014	14	C	19	100	5,5
DO697B8006	6	C	10	150	4,5
DO697B8008	8	C	12	150	4,5
DO697B8010	10	C	14	150	5,5
DO697B8012	12	C	17	150	5,5
DO697B8013	13	C	18	150	5,5
DO697B8014	14	C	19	150	5,5
DO697B9006	6	C	10	200	4,5
DO697B9008	8	C	12	200	4,5
DO697B9010	10	C	14	200	5,5
DO697B9012	12	C	17	200	5,5
DO697B9013	13	C	18	200	5,5
DO697B9014	14	C	19	200	5,5

SIZE Tap holding sockets 3

Type	A mm	DRWG	Ø d mm	Ø D mm	L mm
Metrical					
DO63A65001	3,4	D	4,5	14	55
DO63A65002	4,9	D	6	15	55
DO63A65003	5,5	D	7	16	55
DO63A65004	6,2	D	8	17	60
DO63A65005	7	D	9	18	70
DO63A65006	8	D	10	19	70
DO63A65007	9	D	11	20	70
DO63A65008	9	D	12	21	70
DO63A65009	11	D	14	23	75



ACTION

SLEEVE DRIVE SOCKETS FOR IMPULSE WRENCHES



3/8" Drive

SIZE 6-Point normal 1

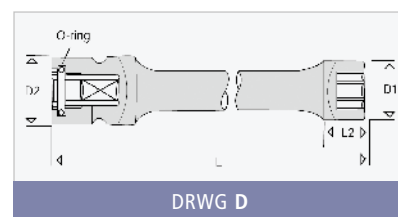
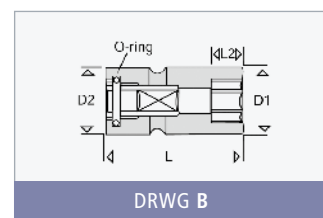
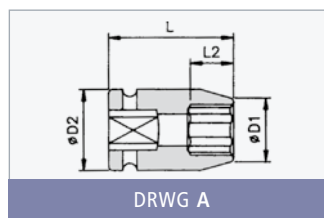
Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm
Metrical						
DO60910006	6	A	11	19	43	5
DO60910007	7	A	12	19	43	5
DO60910008	8	A	13	19	43	7
DO60910009	9	A	15	19	43	7
DO60910010	10	A	16	19	43	8
DO60910011	11	A	17,5	19	43	9
DO60910012	12	B	19	19	43	9
DO60910013	13	A	20	22	43	9
DO60910014	14	A	21	22	43	9
DO60910015	15	B	22	22	43	11
DO60910016	16	C	24	22	43	11
DO60910017	17	C	25	22	43	11
DO60910018	18	C	26	22	43	11
DO60910019	19	C	27,5	22	43	11
DO60910021	21	C	30	22	43	13

SIZE 6-Point normal magnetic 1

Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm
Metrical						
DO6091A006	6	A	11	19	43	5
DO6091A007	7	A	12	19	43	5
DO6091A008	8	A	13	19	43	7
DO6091A009	9	A	15	19	43	7
DO6091A010	10	A	16	19	43	8
DO6091A011	11	A	17,5	19	43	9
DO6091A012	12	B	18,5	19	43	9
DO6091A013	13	A	20	22	43	9
DO6091A014	14	A	21	22	43	9
DO6091A015	15	B	22	22	43	11
DO6091A016	16	C	24	22	43	11
DO6091A017	17	C	25	22	43	11
DO6091A018	18	C	26	22	43	11
DO6091A019	19	C	27	22	43	11
DO6091A020	20	C	28	22	43	13
DO6091A021	21	C	30	22	43	13
DO6091A022	22	C	31	22	50	13
DO6091A023	23	C	32	22	50	13
DO6091A024	24	C	34	22	50	13
DO6091A025	25	C	35	22	50	13
DO6091A026	26	C	36	22	50	13
DO6091A027	27	C	38	22	50	13

SIZE 6-Point long 2

Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm
Metrical						
DO60913006	6	D	10,5	22	100	4
DO60913008	8	D	12,5	22	100	8
DO60913010	10	D	15	22	100	8
DO60913012	12	D	18	22	100	9
DO60913013	13	D	19	22	100	9
DO60913014	14	D	20	22	100	9
DO60913015	15	D	21	22	100	11
DO60913016	16	D	22,5	22	100	11
DO60913017	17	D	24	22	100	11
DO60914006	6	D	10,5	22	150	4
DO60914008	8	D	12,5	22	150	8
DO60914010	10	D	15	22	150	8
DO60914012	12	D	18	22	150	9
DO60914013	13	D	19	22	150	9
DO60914014	14	D	20	22	150	9
DO60914015	15	D	21	22	150	11
DO60914016	16	D	22,5	22	150	11
DO60914017	17	D	24	22	150	11
DO60915006	6	D	10,5	22	200	4
DO60915008	8	D	12,5	22	200	8
DO60915010	10	D	15	22	200	8
DO60915012	12	D	18	22	200	9
DO60915013	13	D	19	22	200	9
DO60915014	14	D	20	22	200	9
DO60915015	15	D	21	22	200	11
DO60915016	16	D	22,5	22	200	11
DO60915017	17	D	24	22	200	11



ACTION

SLEEVE DRIVE SOCKETS FOR IMPULSE WRENCHES



3/8" Drive

SIZE

6-Point long magnetic



Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm
------	--------	------	-------	-------	------	-------

Metrical

DO6091P006	6	D	11	19	100	3
DO6091P007	7	D	12	19	100	3
DO6091P008	8	D	13	19	100	4
DO6091P009	9	D	15	19	100	4
DO6091P010	10	D	16	19	100	4
DO6091P011	11	D	17,5	19	100	5
DO6091P012	12	D	18,5	19	100	5
DO6091P013	13	D	20	22	100	6
DO6091P014	14	D	21	22	100	6
DO6091P015	15	D	22	22	100	7
DO6091P016	16	D	24	22	100	7
DO6091P017	17	D	25	22	100	7

DO6091R006	6	D	11	19	150	3
DO6091R007	7	D	12	19	150	3
DO6091R008	8	D	13	19	150	4
DO6091R009	9	D	15	19	150	4
DO6091R010	10	D	16	19	150	4
DO6091R011	11	D	17,5	19	150	5
DO6091R012	12	D	18,5	19	150	5
DO6091R013	13	D	20	22	150	6
DO6091R014	14	D	21	22	150	6
DO6091R015	15	D	22	22	150	7
DO6091R016	16	D	24	22	150	7
DO6091R017	17	D	25	22	150	7

DO6091T007	7	D	12	19	200	3
DO6091T008	8	D	13	19	200	4
DO6091T009	9	D	15	19	200	4
DO6091T010	10	D	16	19	200	4
DO6091T011	11	D	17,5	19	200	5
DO6091T012	12	D	18,5	19	200	5
DO6091T013	13	D	20	22	200	6
DO6091T014	14	D	21	22	200	6
DO6091T015	15	D	22	22	200	7
DO6091T016	16	D	24	22	200	7
DO6091T017	17	D	25	22	200	7

SIZE

6-Point deep magnetic



Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm
------	--------	------	-------	-------	------	-------

Metrical

DO6091Q010	10	A	16	19	100	5
DO6091Q012	12	A	18,5	19	100	6
DO6091Q013	13	A	20	22	100	6
DO6091Q014	14	A	21	22	100	6
DO6091Q016	16	A	24	22	100	7

SIZE

Torx® internal



Type	A/F	DRWG	L1 mm	D2 mm	L mm	-
------	-----	------	-------	-------	------	---

DO68811009	T9	F	2	22	75	-
DO68811010	T10	F	2,8	22	75	-
DO68811015	T15	F	2,8	22	75	-
DO68811020	T20	F	2,8	22	75	-
DO68811025	T25	F	3	22	75	-
DO68811027	T27	F	3	22	75	-
DO68811030	T30	F	3,8	22	75	-
DO68811040	T40	F	3,8	22	75	-
DO68811045	T45	F	4,3	22	75	-
DO68811047	T47	F	5	22	75	-
DO68811050	T50	F	5	22	75	-
DO68811055	T55	F	5	22	75	-

Torx® is a trademark of Textron.

SIZE

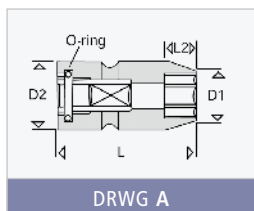
Torx® external



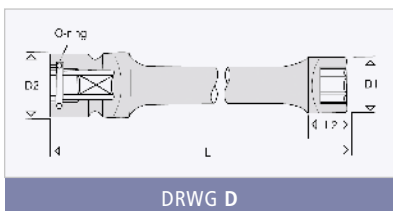
Type	A/F	DRWG	D1 mm	D2 mm	L mm	L2 mm
------	-----	------	-------	-------	------	-------

DO66910005	E5	A	8	19	43	4,5
DO66910006	E6	A	9	19	43	5
DO66910007	E7	A	9,5	19	43	6
DO66910008	E8	A	11	19	43	6,5
DO66910010	E10	A	13	19	43	7,5
DO66910011	E11	A	14	19	43	8
DO66910012	E12	A	15,5	19	43	8,5
DO66910014	E14	A	17,5	22	43	10
DO66910016	E16	A	18,5	22	43	11

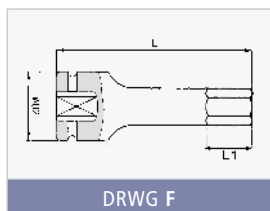
Torx® is a trademark of Textron.



DRWG A



DRWG D



DRWG F

ACTION

SLEEVE DRIVE SOCKETS FOR IMPULSE WRENCHES



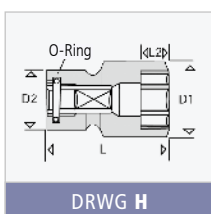
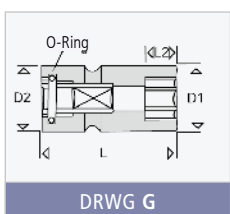
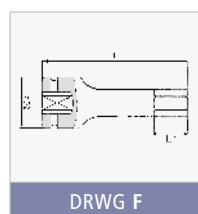
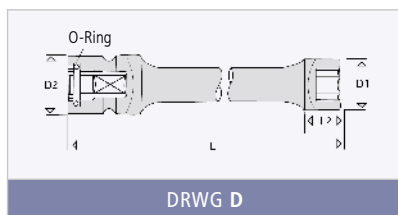
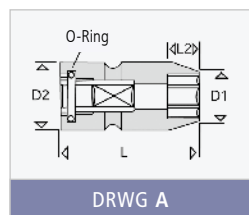
3/8" Drive

SIZE Hex driver (Inbus) 1

Type	A/F mm	DRWG	L1 mm	D2 mm	L mm	-
Metrical						
DO68916003	3	F	11	22	75	-
DO68916004	4	F	11	22	75	-
DO68916005	5	F	11	22	75	-
DO68916006	6	F	11	22	75	-
DO68916007	7	F	16	22	75	-
DO68916008	8	F	16	22	75	-
DO68916009	9	F	16	22	75	-
DO68916010	10	F	16	22	75	-
DO68916011	11	F	16	22	75	-
DO68916012	12	F	16	22	75	-
DO68916013	13	F	16	22	75	-
DO68916014	14	F	16	22	75	-
DO68916015	15	F	16	22	75	-
DO68916016	16	F	16	22	75	-

Stud Bold Setters

Type	Size	D1 mm	D2 mm	L mm
DO66A10062	M6 x 1	12,5	22	50
DO66A10083	M8 x 1,25	15	22	50
DO66A10104	M10 x 1,5	17	22	50



1/2" Drive

SIZE 6-Point normal 2

Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm
Metrical						
DO60920012	12	A	20	25	52	12
DO60920013	13	A	21	25	52	12
DO60920014	14	A	22,5	25	52	12
DO60920015	15	A	23,7	30	52	12
DO60920016	16	A	25	30	52	12
DO60920017	17	A	26	30	52	12
DO60920018	18	A	27,5	30	52	12
DO60920019	19	A	28,7	30	52	12
DO60920021	21	G	30	30	52	12
DO60920022	22	H	32	30	52	12
DO60920023	23	H	32	30	52	12
DO60920024	24	H	35	30	52	12
DO60920025	25	H	36	30	57	12
DO60920027	27	H	39	30	57	12
DO60920030	30	H	42	30	62	12
DO60920032	32	H	44	30	62	12

SIZE 6-Point long 3

Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm
Metrical						
DO60923010	10	D	17	25	100	12
DO60923012	12	D	19,5	25	100	12
DO60923013	13	D	20,5	25	100	12
DO60923014	14	D	21,5	25	100	12
DO60923015	15	D	22,5	25	100	12
DO60923017	17	D	25	25	100	13
DO60923019	19	D	28	25	100	13
DO60924010	10	D	17	25	150	12
DO60924012	12	D	19,5	25	150	12
DO60924013	13	D	20,5	25	150	12
DO60924014	14	D	21,5	25	150	12
DO60924015	15	D	22,5	25	150	12
DO60924017	17	D	25	25	150	13
DO60924019	19	D	28	25	150	13
DO60925010	10	D	17	25	200	12
DO60925012	12	D	19,5	25	200	12
DO60925013	13	D	20,5	25	200	12
DO60925014	14	D	21,5	25	200	12
DO60925015	15	D	22,5	25	200	12
DO60925017	17	D	25	25	200	13
DO60925019	19	D	28	25	200	13

ACTION

SLEEVE DRIVE SOCKETS FOR IMPULSE WRENCHES



1/2" Drive

SIZE 6-Point long magnetic 1

Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm
Metrical						
DO6092P010	10	D	17,5	25	100	4
DO6092P011	11	D	18,5	25	100	5
DO6092P012	12	D	20	25	100	5
DO6092P013	13	D	21	25	100	6
DO6092P014	14	D	22,5	25	100	6
DO6092P015	15	D	23,5	30	100	7
DO6092P016	16	D	25	30	100	7
DO6092P017	17	D	26	30	100	7
DO6092P018	18	D	27,5	30	100	8
DO6092P019	19	D	28,5	30	100	8

DO6092R010	10	D	17,5	25	150	12
DO6092R011	11	D	18,5	25	150	12
DO6092R012	12	D	20	25	150	12
DO6092R013	13	D	21	25	150	12
DO6092R014	14	D	22,5	25	150	12
DO6092R015	15	D	23,5	30	150	12
DO6092R016	16	D	25	30	150	13
DO6092R017	17	D	26	30	150	13
DO6092R018	18	D	27,5	30	150	13
DO6092R019	19	D	28,5	30	150	13

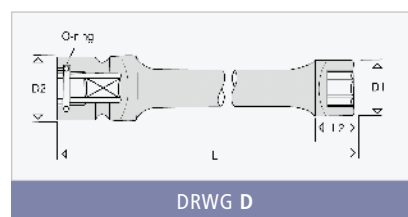
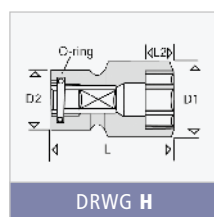
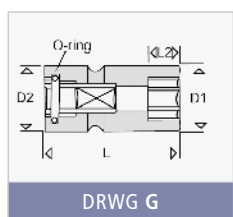
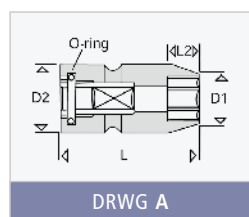
DO6092T010	10	D	17,5	25	200	12
DO6092T011	11	D	18,5	25	200	12
DO6092T012	12	D	20	25	200	12
DO6092T013	13	D	21	25	200	12
DO6092T014	14	D	22,5	25	200	12
DO6092T015	15	D	23,5	30	200	12
DO6092T016	16	D	25	30	200	13
DO6092T017	17	D	26	30	200	13
DO6092T018	18	D	27,5	30	200	13
DO6092T019	19	D	28,5	30	200	13

SIZE 6-Point normal magnetic 2

Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm
Metrical						
DO6092A006	6	A	13	25	52	5
DO6092A007	7	A	14	25	52	5
DO6092A008	8	A	15	25	52	7
DO6092A009	9	A	16	25	52	7
DO6092A010	10	A	17,5	25	52	8
DO6092A011	11	A	18,5	25	52	9
DO6092A012	12	A	20	25	52	12
DO6092A013	13	A	21	25	52	12
DO6092A014	14	A	22,5	25	52	12
DO6092A015	15	A	23,5	30	52	12
DO6092A016	16	A	25	30	52	12
DO6092A017	17	A	26	30	52	12
DO6092A018	18	A	27,5	30	52	12
DO6092A019	19	A	28,5	30	52	12
DO6092A020	20	B	30	30	52	12
DO6092A021	21	C	31	30	52	12
DO6092A022	22	C	32	30	52	12
DO6092A023	23	C	34	30	52	12
DO6092A024	24	C	35	30	52	12
DO6092A025	25	C	36	30	57	12
DO6092A026	26	C	38	30	57	12
DO6092A027	27	C	38,5	30	57	12

SIZE 6-Point deep magnetic 3

Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L1 mm
Metrical						
DO6092Q010	10	A	17,5	25	100	5
DO6092Q013	13	A	21	25	100	6
DO6092Q016	16	A	25	30	100	7
DO6092Q017	17	A	26	30	100	7
DO6092Q019	19	A	28,5	30	100	8



ACTION

SLEEVE DRIVE SOCKETS FOR IMPULSE WRENCHES



1/2" Drive

SIZE						
Torx® internal						
Type	A/F	DRWG	L1 mm	D2 mm	L mm	-
DO68821020	T20	F	2,8	25	75	-
DO68821025	T25	F	3	25	75	-
DO68821027	T27	F	3	25	75	-
DO68821030	T30	F	3,8	25	75	-
DO68821040	T40	F	3,8	25	75	-
DO68821045	T45	F	4,3	25	75	-
DO68821047	T47	F	5	25	75	-
DO68821050	T50	F	5	25	75	-
DO68821055	T55	F	5,5	25	75	-
DO68821060	T60	F	8	25	75	-
DO68821070	T70	F	9,4	25	75	-
DO68821080	T80	F	10,5	25	75	-
DO68821090	T90	F	11,8	25	75	-
DO68821100	T100	F	13,1	25	75	-

Torx® is a trademark of Textron.

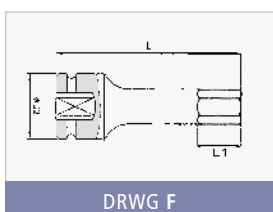
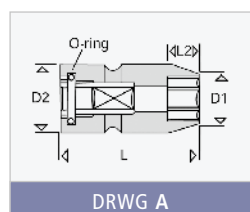
SIZE						
Torx® external						
Type	A/F	DRWG	D1 mm	D2 mm	L mm	L2 mm
DO66920010	E10	A	14	25	52	7,5
DO66920011	E11	A	15	25	52	8
DO66920012	E12	A	16	25	52	8,5
DO66920014	E14	A	18	25	52	10
DO66920016	E16	A	20	25	52	11
DO66920018	E18	A	22	25	52	12,5
DO66920020	E20	A	25	30	52	14
DO66920022	E22	A	27	30	52	15
DO66920024	E24	A	29	30	52	16,5

Torx® is a trademark of Textron.

SIZE						
Hex driver 6-Point (Inbus)						
Type	A/F mm	DRWG	L1 mm	D2 mm	L mm	-
Metrical						
DO68925003	3	F	11	25	75	-
DO68925004	4	F	11	25	75	-
DO68925005	5	F	15	25	75	-
DO68925006	6	F	15	25	75	-
DO68925007	7	F	20	25	75	-
DO68925008	8	F	25	25	75	-
DO68925009	9	F	25	25	75	-
DO68925010	10	F	25	25	75	-
DO68925011	11	F	25	25	75	-
DO68925012	12	F	25	25	75	-
DO68925013	13	F	25	25	75	-
DO68925014	14	F	25	25	75	-
DO68925015	15	F	25	25	75	-
DO68925016	16	F	25	25	75	-
DO68925017	17	F	25	25	75	-
DO68925018	18	F	25	25	75	-
DO68925019	19	F	25	25	75	-

Stud Bolt Setters

Type	Size	D1 mm	D2 mm	L mm
DO66A21062	M6 x 1	13	25	75
DO66A21083	M8 x 1,25	15	25	75
DO66A21104	M10 x 1,5	17	25	75
DO66A21125	M12 x 1,75	19	25	75
DO66A21146	M14 x 2	22	25	75
DO66A21166	M16 x 2	27	30	75



ACTION

SLEEVE DRIVE SOCKETS FOR IMPULSE WRENCHES



3/4" Drive

SIZE 6-Point normal 1

Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm
Metrical						
DO60940017	17	A	31	44	65	12
DO60940018	18	A	32	44	65	12
DO60940019	19	A	33	44	65	14
DO60940021	21	A	35	44	65	16
DO60940022	22	A	37	44	65	16
DO60940023	23	A	38	44	65	16
DO60940024	24	A	39	44	65	16
DO60940026	26	A	41	44	65	16
DO60940027	27	A	43	44	65	16
DO60940028	28	B	44	44	68	20
DO60940029	29	C	45	44	68	20
DO60940030	30	C	47	44	68	20
DO60940032	32	C	49	44	70	20
DO60940033	33	C	51	44	70	20
DO60940034	34	C	52	44	70	20
DO60940035	35	C	53	44	70	20
DO60940036	36	C	54	44	70	20
DO60940038	38	C	57	44	72	22
DO60940041	41	C	60	44	72	22
DO60940046	46	C	67	54	77	23
DO60940050	50	C	71	54	77	23

SIZE 6-Point magnetic 1

Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm
Metrical						
DO6094A013	13	A	24,5	44	65	12
DO6094A014	14	A	25,5	44	65	12
DO6094A015	15	A	27	44	65	12
DO6094A016	16	A	28	44	65	12
DO6094A017	17	A	30	44	65	12
DO6094A018	18	A	31	44	65	12
DO6094A019	19	A	32	44	65	14
DO6094A020	20	A	34	44	68	14
DO6094A021	21	A	35	44	68	16
DO6094A022	22	A	37	44	68	16
DO6094A023	23	A	38	44	68	16
DO6094A024	24	A	39	44	68	16
DO6094A025	25	A	41	44	69	16
DO6094A026	26	A	42	44	69	16
DO6094A027	27	A	43	44	69	16

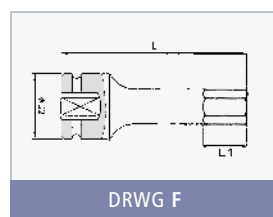
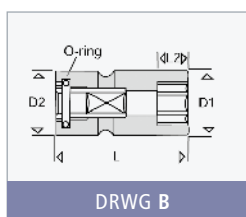
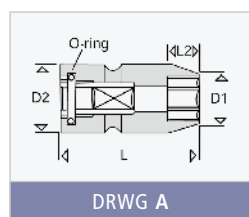
SIZE Hex driver 6-Point (Inbus) 2

Type	A/F mm	DRWG	D2 mm	L mm	L2 mm	-
Metrical						
DO68945010	10	F	44	100	20	-
DO68945012	12	F	44	100	20	-
DO68945014	14	F	44	100	20	-
DO68945016	16	F	44	100	20	-
DO68945017	17	F	44	100	20	-
DO68945019	19	F	44	100	20	-
DO68945022	22	F	44	100	20	-
DO68945024	24	F	44	100	20	-
DO68945027	27	F	44	100	20	-
DO68945030	30	F	44	100	20	-
DO68945032	32	F	44	100	20	-
DO68945033	33	F	44	100	20	-
DO68945036	36	F	44	100	20	-
DO68945038	38	F	44	100	20	-

SIZE Torx® extern 3

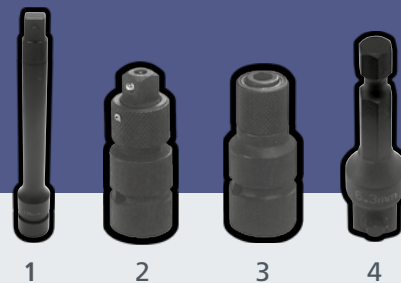
Type	A/F	DRWG	D1 mm	D2 mm	L mm	L2 mm
Metrical						
DO66940018	E18	A	26	44	65	12,5
DO66940020	E20	A	28	44	65	14
DO66940022	E22	A	31	44	65	15
DO66940024	E24	A	33	44	65	16,5

Torx® is a trademark of Textron.



ACTION

SLEEVE DRIVE SOCKETS FOR IMPULSE WRENCHES

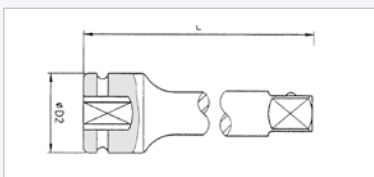


3/4" Drive

Extensions

1

Type	Square-drive	L mm	D2 mm
Metrical			
D064614075	3/8"	75	22
D064614125	3/8"	125	22
D064614250	3/8"	250	22
D064624075	1/2"	75	25
D064624125	1/2"	125	25
D064624175	1/2"	175	25
D064624250	1/2"	250	25
D064644175	3/4"	175	44
D064644250	3/4"	250	44
D064644330	3/4"	330	44



Adapter

SIZE

Quickchange adaptors

2

Type	Drive-in	Drive-out	D2 mm	L mm
Metrical				
D069151116	3/8"	1/2"	20	80
D069152112	1/2"	3/8"	25	75
D069154116	3/4"	1/2"	44	90
D069151112	3/8"	3/8"	19	75
D069151212	3/8"	3/8"	19	100
D069152216	1/2"	1/2"	25	100
D069154324	3/4"	3/4"	44	125

SIZE

Bitholders

3

Type	Square-drive	Hex chuck	D2 mm	L mm
Metrical				
D069111E08	3/8"	1/4"	52	22
D069111E14	3/8"	7/16"	62	22
D069112E08	1/2"	1/4"	60	25
D069112E14	1/2"	7/16"	70	25
D069114E14	3/4"	7/16"	80	44

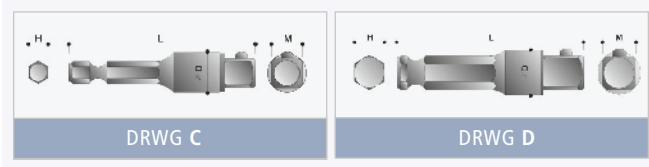
Impact adaptors (NO SLEEVE DRIVE)

SIZE

Impact adaptors

4

Type	Square-drive	Hex	DRWG	L mm	D mm
Metrical					
D069306050	1/4"	1/4"	C	50	9
D069306075	1/4"	1/4"	C	75	9
D069306100	1/4"	1/4"	C	100	9
D069306150	1/4"	1/4"	C	150	9
D069316050	3/8"	1/4"	C	50	13
D069316075	3/8"	1/4"	C	75	13
D069316100	3/8"	1/4"	C	100	13
D069318075	3/8"	7/16"	D	75	13
D06932E050	1/2"	1/4"	C	50	17
D069328075	1/2"	7/16"	D	75	17

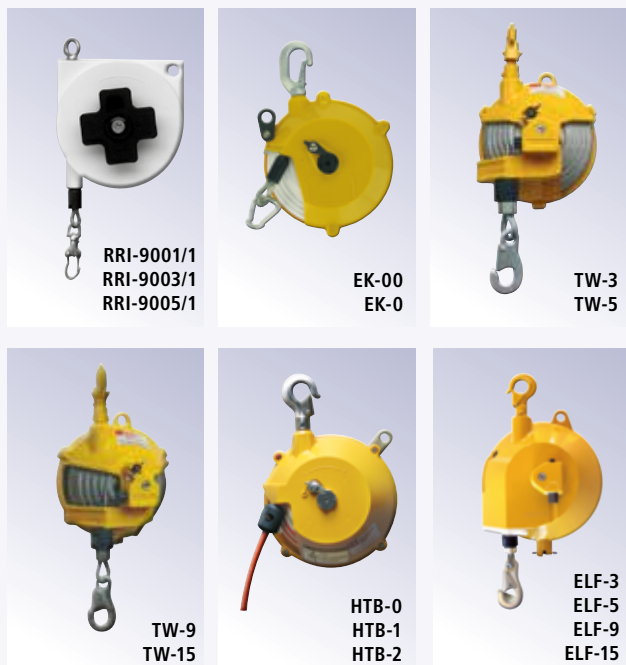


Other versions of impact sockets are available (magnetic, thin-walled, other sizes). Ask for our special socket-catalogue.



ACCESSORIES

(Spring) balancers



Standard model

Type	Brand	Capacity kg	Cable length m	Weight kg
RRI-9001/1	RRI	0,5 - 1,5	2,0	0,5
RRI-9003/1	RRI	1 - 3	2,0	0,7
RRI-9005/1	RRI	2,5 - 5	2,0	0,9
EK-0	RRI	0,5 - 1,5	1	0,5
TW-3	RRI	1 - 3	1,3	1,4
TW-5	RRI	2,5 - 5	1,3	1,5
TW-9	RRI	4,5 - 9	1,3	3,4
TW-15	RRI	9 - 15	1,3	3,8

Hosereel with integrated cable

Type	Brand	Capacity kg	Cable length m	Weight kg	Hose-diameter mm	Air cons. l/min	Inlet-thread
HTB-0	RRI	0,5 - 1,5	1,3	1,58	6,5	700	PT 1/4"
HTB-1	RRI	1,5 - 3	1,3	1,66	6,5	700	PT 1/4"
HTB-2	RRI	3 - 5	1,3	1,73	6,5	700	PT 1/4"

Long stroke

Type	Brand	Capacity kg	Cable length m	Weight kg
ELF-3	RRI	1,5 - 3	2,5	4,1
ELF-5	RRI	3 - 5	2,5	4,2
ELF-9	RRI	5 - 9	2,5	4,7
ELF-15	RRI	9 - 15	2,5	10

Rubber protection covers



Type				Bestellnummer
RRI-30	RRI-30T	RRI-30A	RRI-30AT	I 40-109-A05
RRI-40	RRI-40T	RRI-40A	RRI-40AT	
RRI-50	RRI-50T	RRI-50A	RRI-50AT	I 60-109-A05
RRI-60	RRI-60T	RRI-60A	RRI-60AT	
RRI-70	RRI-70T			I 70-109-A05
RRI-80	RRI-80T			I 80-109
RRI-90	RRI-90T			I 90-109-A05
RRI-100	RRI-100T			I 100-109-A05
RRI-130	RRI-130T			I 130-109-A05
RRI-150	RRI-150T			I 150-109-A05
RRI-180	RRI-180T			I 180-109-A05
RRI-200	RRI-200T			I 200-109

Service sets

Service sets containing:

O-rings, back-up rings and springs for impulse mechanisms required for oil change.



Service sets

You will need these service sets with spare parts if you are going to change the oil. For quick service we advise you to use a vacuum pump (Y EVP-1) and oil tank (Y EVP-1T)

Please note!

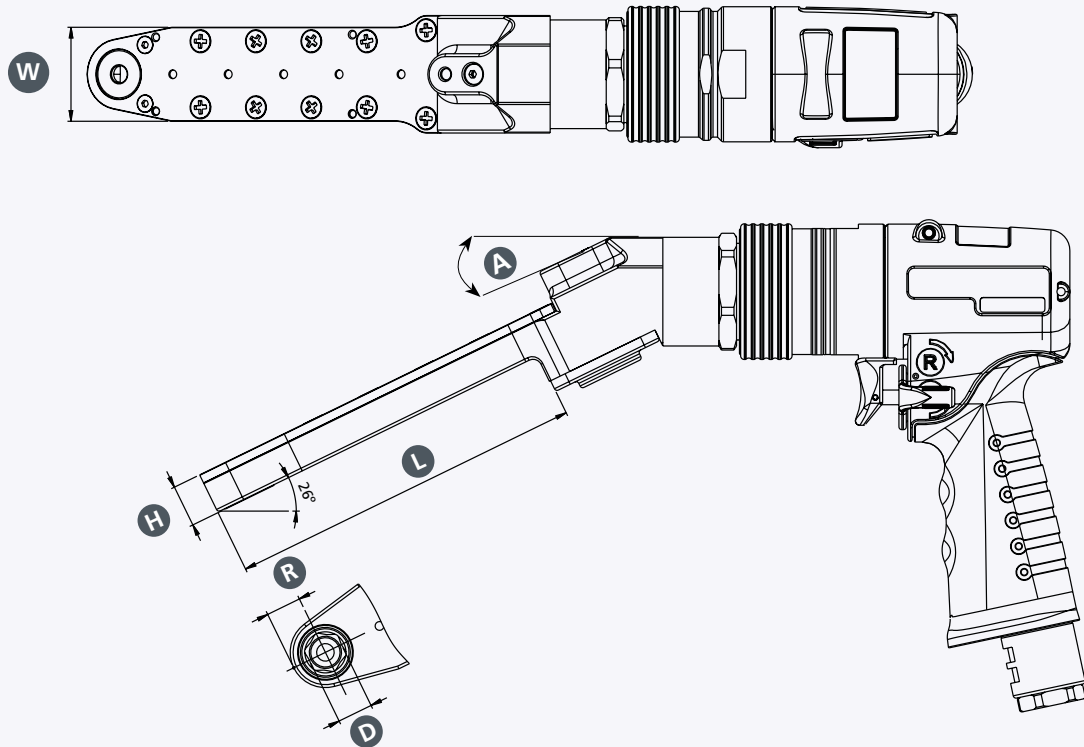
Always use oil with the right specifications when changing oil. Only then you will have a optimal tool power and a minimum oil consumption. We recommend RED ROOSTER oil for impulse wrenches: 01-0507.

Type	Order-number	Type	Order-number	Type	Order-number
RRI-30	I30RK	RRI-30A	I30RK	RRI-30T	IS30RK
RRI-40(X)	I40RK	RRI-40A(X)	I40DRK	RRI-40T	IS40RK
RRI-50(X)	I50RK	RRI-50A	I50DRK	RRI-50T	IS50RK
RRI-60(X)	I60RK	RRI-60A(X)	I60DRK	RRI-60T	IS60RK
RRI-70	I70RK	RRI-70A	I70DRK	RRI-70T	IS70RK
RRI-80	I80RK	RRI-30SA	I30SDRK	RRI-80T	IS80RK
RRI-90	I90RK	RRI-40SA	I40SDRK	RRI-90T	IS90RK
RRI-100	I100RK	RRI-50SA	I50SDRK	RRI-100T	IS100RK
RRI-130	I130RK	RRI-60SA	I60SDRK	RRI-130T	IS130RK
RRI-150	IS150RK	RRI-70SA	I70SDRK	RRI-150T	IS150RK
RRI-180	I180RK	RRI-50R	I50RRK	RRI-180T	IS180RK
RRI-200	I200RK	RRI-60R	I60RRK	RRI-200T	IS200RK
RRI-30S	I30SRK	RRI-70R	I70RRK	RRI-30ST	IS30SRK
RRI-40S	I40SRK	RRI-70RG	I70RGRK	RRI-40ST	IS40SRK
RRI-50S	I50SRK	RRI-70RH	I70RHRK	RRI-50ST	IS50SRK
RRI-60S	I60SRK	RRI-80RH	I80RHRK	RRI-60ST	IS60SRK
RRI-70S	I70SRK	RRI-50RA	I50RDRK	RRI-70ST	IS70SRK
		RRI-60RA	I60RDRK	RRI-80ST	IS80SRK
		RRI-70RA	I70RDRK		

CUSTOM MADE PRODUCTS

Applications in narrow space applications of geared offset tools with a torque from 6 to 450 Nm

- Installation in places where access is restricted.
- Flat output with **non shut-off** impulse wrench

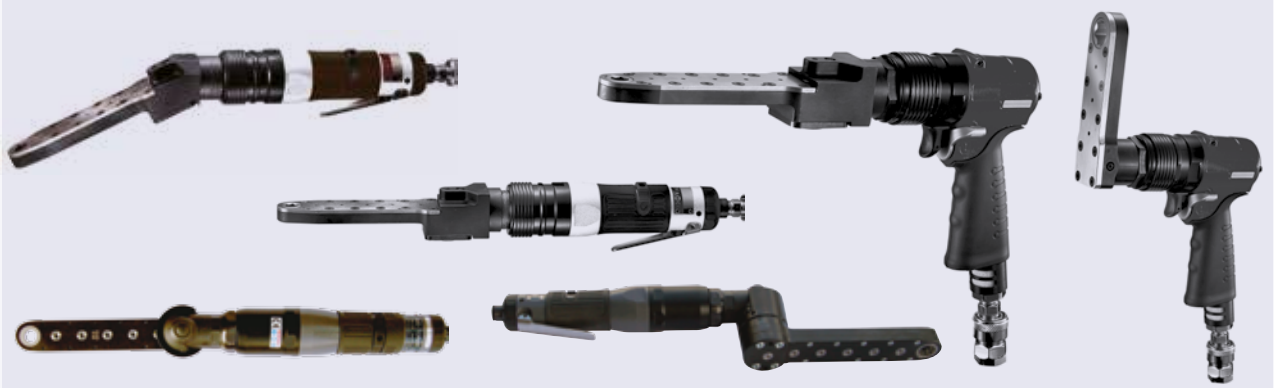


Please, fill this form and send us your request

Torque Nm	Pistol model Straight model Angle model	W*	A	D* Hexagon dimension	H*	L*	R*
	<input type="checkbox"/> P <input type="checkbox"/> G <input type="checkbox"/> W mm	<input type="checkbox"/> 0° <input type="checkbox"/> 26° <input type="checkbox"/> 90°	⬡..... mm mm mm mm

* Maximum dimensions

EXAMPLES



CUSTOM MADE PRODUCTS

18 V CORDLESS SHUT-off Angle Wrench with geared offset heads



BASIC ANGLE MODEL CLOSED

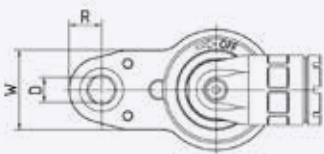


BASIC ANGLE MODEL OPEN

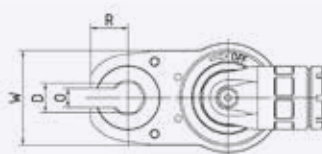
Basic Angle Model

Type	Type	Volt. V	Hex Dimension Max (mm)	Weight kg	Vibration m/s ²	Noise level dB(A)	RPM	Torque range
RRI-BA10BCA	closed	18	12	2	<2.5	<75	950	3-8
RRI-BA16BCA	closed	18	12	2	<2.5	<75	600	5-13
RRI-BA30BCA	closed	18	12	2	<2.5	<75	450	8-18
RRI-BA35BCA	closed	18	12	2	<2.5	<75	350	10-24
RRI-BA10BOA	open	18	19	2,1	<2.5	<75	350	3-7
RRI-BA16BOA	open	18	19	2,1	<2.5	<75	350	5-12
RRI-BA30BOA	open	18	19	2,1	<2.5	<75	350	8-17
RRI-BA35BOA	open	18	19	2,1	<2.5	<75	350	10-23

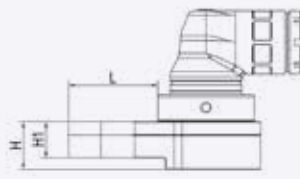
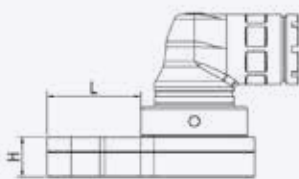
BC (closed)



BO (open)



Please specify your Hex dimension when ordering. mm



Dimensions

Model	W	D	O	R	L	H	H1
BC	32	11	-	13,1	37,7	16	-
BO	40	13	10,2	17	40	21	16

CUSTOM MADE PRODUCTS

Please fill in the below request form for your desired geared offset heads type power tool

Model	Torque range Nm	W	D	O	R	L	L1	H	H1
<input type="checkbox"/> BC									
<input type="checkbox"/> BO									
<input type="checkbox"/> IO									

CUSTOM MADE PRODUCTS

18 V CORDLESS SHUT-off Angle Wrench with geared offset heads



BASIC IN-LINE MODEL CLOSED

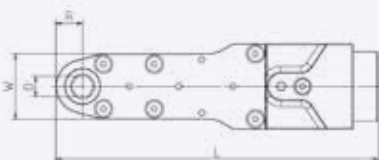


BASIC IN-LINE MODEL OPEN

Basic In-Line model

Type	Type	Volt V	Hex Dimension Max (mm)	Torque range Nm	RPM	Weight w/o Batt. kg	Vibration m/s ²	Noise level dB(A)
RRI-BA10ICA	closed	18	12	5 ~ 11	620	2,2	<2,5	<75
RRI-BA16ICA	closed	18	12	8 ~ 17	380	2,2	<2,5	<75
RRI-BA30ICA	closed	18	12	11 ~ 23	300	2,2	<2,5	<75
RRI-BA35ICA	closed	18	12	14 ~ 31	220	2,2	<2,5	<75
RRI-BA10IOA	open	18	19	7 ~ 13	420	2,3	<2,5	<75
RRI-BA16IOA	open	18	19	10 ~ 22	270	2,3	<2,5	<75
RRI-BA30IOA	open	18	19	13 ~ 28	200	2,3	<2,5	<75
RRI-BA35IOA	open	18	19	16 ~ 38	160	2,3	<2,5	<75

IC (closed)



IO (open)



Please specify your Hex dimension when ordering. mm

Dimensions

Model	W	D	O	R	L	L1	H	H1
IO	40	13	10,2	17	166,7	98,7	20	16
IC	32	10	-	13,1	159	91	16	-

CUSTOM MADE PRODUCTS

Please fill in the below request form for your desired geared offset heads type power tool

Model	Torque range Nm	W	D	O	R	L	L1	H	H1
<input type="checkbox"/> BC									
<input type="checkbox"/> BO									
<input type="checkbox"/> IO									

