

AIR TOOLS

PRODUCT RANGE
RED ROOSTER, YOKOTA, TOKU, ACTION & SMC

www.rami-yokota.com



Impact wrenches

Impulse wrenches

Ratchet wrenches

Impact sockets

Screwdrivers

Drills

Grinders & sanders

Hammers

Needlescalers

Saws

Air chain hoists

Pumps

Spring balancers

Air treatment
equipment



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BRANDS



IMPACT SOCKETS FOR PROFESSIONALS!

ACTION impact sockets are manufactured from the best materials: chrom-molybdenum alloy steel. ACTION impact sockets are made according to DIN 3121 and DIN 3129. The exact fitting causes less play between square drive and impact socket, an impact wrench and bolt. This results in longer life of the tool and impact socket (see back cover).



SMC FOR OPTIMAL QUALITY OF THE AIR

Low quality of compressed air causes costly production outage, lower productivity, requires more maintenance and accelerates the need for replacement of tools. Good quality, that meets the ISO 8573-1-2010 standard for clean and dry air, will mean a higher initial investment, but will guarantee higher productivity and a longer lifetime for your equipment.

BRANDS



HIGHEST QUALITY INDUSTRIAL TOOLS

YOKOTA industrial power and assembly tools have been developed with the highest quality and precision. YOKOTA impulse wrenches are used all over the world for tightening applications where accuracy, quality and speed are required. YOKOTA research and development is continuously working on how to improve your production process and the ergonomics of their tools. See our separate brochure for YOKOTA impulse wrenches (see back cover)



MAKING THE RIGHT IMPACT

TOKU delivers high quality air tools for construction and demolition, material handling, automotive and industry. TOKU's focus is on developing powerful, reliable and durable air power tools by listening to their customers. With their powerful impact wrenches, grinders, hammers, breakers and other air tools, you too can make the right impact with TOKU air power tools.



PRIVATE LABEL

RED ROOSTER is Rami Yokota's private label of specifically produced tools from leading industrial manufacturing partners. With RED ROOSTER we have a range of high quality tools for industrial and assembly applications recognizable by a silver RED ROOSTER logo and a sturdy range of powerful service tools with a red RED ROOSTER logo.



RELIABLE LIFTING POWER

RED ROOSTER is one of the market leaders for air chain hoists. Our powerful and reliable air hoists with WLL of 125kg to 100 tonne are perfectly suited for operating in all types of industrial and offshore environments including areas with risk of explosion due to flammable gasses or dust. Our full range of air hoists can be found in our air hoist catalogue (see back cover).

ASSEMBLY TOOLS

Guideline values for tightening torques

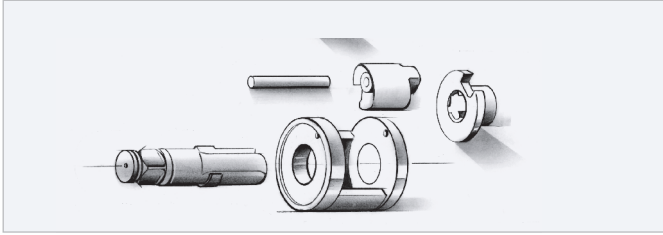
VDI 2230*		STEEL						STAINLESS		
Strength classes*		4.6	4.8	5.8	8.8	10.9	12.9	50	70	80
Bolt	Socket size	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm
M1.6	-	0,065	0,086	0,11	0,17	0,24	0,29	0,10	0,20	-
M2	-	0,13	0,17	0,22	0,35	0,49	0,58	0,25	0,30	-
M2.2	-	0,017	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	1.000	1.200	224	480	640
M27	41	390	520	650	1.050	1.500	1.800	331	708	-
M30	46	530	710	880	1.450	2.000	2.400	450	964	-
M33	50	720	960	1.200	1.900	2.700	3.250	609	-	-
M36	55	920	1.250	1.550	2.450	3.450	4.150	782	-	-
M39	60	1.200	1.600	2.000	3.200	4.500	5.400	1.013	-	-
M42	65	1.500	1.950	2.450	3.950	5.550	6.650	-	-	-
M45	70	1.850	2.450	3.100	4.950	6.950	8.350	-	-	-
M48	75	2.250	3.000	3.750	5.950	8.400	10.100	-	-	-
M52	80	2.900	3.850	4.800	7.650	10.800	12.900	-	-	-
M56	85	3.600	4.800	5.950	9.550	13.400	16.100	-	-	-
M60	90	4.450	5.950	7.400	11.900	16.700	20.000	-	-	-
M64	95	5.350	7.150	8.950	14.300	20.100	24.100	-	-	-
M68	100	6.500	8.650	10.800	17.300	24.300	29.100	-	-	-

* Strength classes according to DIN 2967

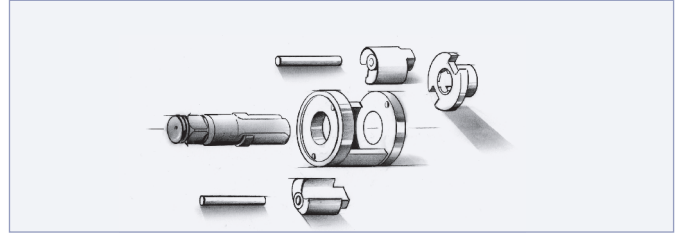
These torque values are only guidelines and are calculated with friction factor 0,125.

IMPACT WRENCHES

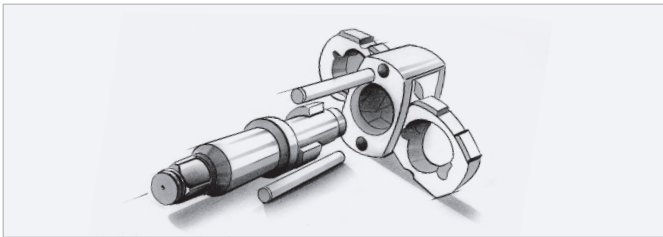
Mechanisms



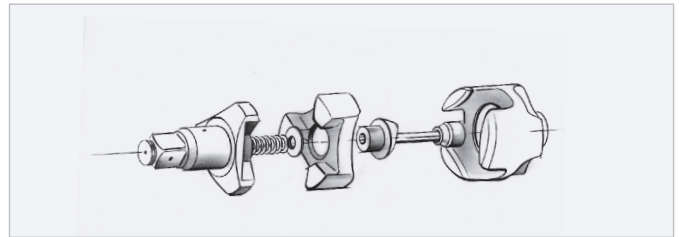
The **1-HAMMER SYSTEM** makes 1 impact per rotation at 1 side of the anvil. This causes a higher energy per blow. The impact wrenches with the 1-hammer system are especially suitable for disassembly jobs.



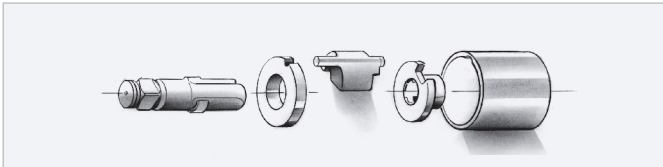
The **2-HAMMER SYSTEM** makes 2 impacts per rotation at both sides of the anvil.



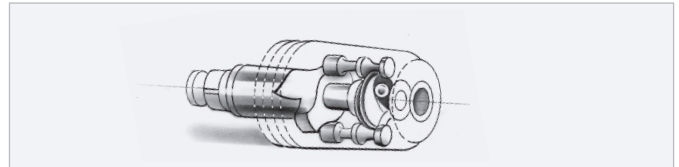
The **TWIN-HAMMER SYSTEM** makes 2 impacts per rotation at both sides of the anvil. Same principal as the 2-hammer system, manufactured differently.



The **3-JAW SYSTEM** gives, per rotation, one impact on all 3 jaws of the anvil. This gives a high torque output. Impact wrenches with the 3-jaw system are only suitable for hard joints.



The **CLOSED HAMMER SYSTEM**. This construction, without loose hammerpin, will prevent breakage. The working principle is based on the 1-hammer system.



The **DYNAPACT IMPACT SYSTEM** has two pins hammering on the anvil, making 1 impact per rotation at both sides of the anvil at the same time. This system give high torque output and is well balanced.

Air consumption

To choose the right compressor one needs to know how much air l/min a tool uses and how the tool will be used, continuously or intermittently. There are 2 ways to estimate the air consumption of air tools:

METHOD 1: Measure air consumption with continuous operation

METHOD 2: Measure with intermittent operation

Continuous operation

The total consumption when the trigger is pulled for a period of one minute (this is what you will find in this catalogue). If you use our tool like this you need a compressor with the capacity stated.

Intermittent operation

The air consumption is measured when the trigger is pulled

intermittently for say 25% of a minute, which gives 25% intermittence. If you use your tool like this you need a compressor with 25% of the capacity stated.

Intermittence

The average time that a tool is calculated to be used during a normal working cycle (1 min.). Intermittence varies between different types of tools, for example a grinding tool is normally in use for a long period and therefore has a high intermittence. An impact wrench is normally used in short bursts and therefore has a lower intermittence.

An example. If at 100% intermittence, the air consumption is 800 l/min then at 25% intermittence the air consumption would be 200 l/min i.e. 25% of 800 l/min.

IMPACT WRENCHES

Angle and pistol models



Type	Brand	Square drive	Type ⁴⁾	Bolt capacity mm	Impact-mechanism	RPM	Torque Nm	Power adjustment ⁵⁾	Air cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s²	Noise level dB(A)
YW-6CL	YOKOTA	3/8"	H	6	1-Hammer	6.500	145	-	4,2	1,6	PT 1/4"	6,5	18	81
RR-15A	RR	1/2"	R	14	Jumbo-Hammer	7.000	270	R 2 levels	5,3	1,8	PT 1/4"	9,5	5,8	89
MI-12	TOKU	3/8"	R	12	Twin-Hammer	9.500	160	R/L 4 levels	5,3	1,2	PT 1/4"	6,5	9,9	82
MI-16M3/8	TOKU	3/8"	R	12	Twin-Hammer	6.200	270	R/L 4 levels	5,3	1,5	PT 1/4"	6,5	4,6	87
RR-16N 3/8	RR	3/8"	R	12	Twin-Hammer	11.000	340	R/L 3 levels	5	1,3	PT 1/4"	6,5	4,6	83
RRI-17 3/8	RRI	3/8"	R	16	Twin-Hammer	10.000	390	R 3 levels	5,5	1,3	PT 1/4"	10	6,8	89
MI-16M1/2	TOKU	1/2"	R	12	Twin-Hammer	6.200	310	R/L 4 levels	5,3	1,5	PT 1/4"	6,5	4,6	87
RR-16N 1/2	RR	1/2"	R	14	Twin-Hammer	11.000	405	R/L 3 levels	5	1,2	PT 1/4"	6,5	4,6	83
RR-16N T ¹⁾	RR	1/2"	R	14	Twin-Hammer	11.000	405	90 Nm ²⁾	5	1,2	PT 1/4"	6,5	4,6	83
RR-15P	RR	1/2"	R	14	1-Hammer	6.900	430	R/L 4 levels	6,6	2,4	PT 1/4"	10	11	82
RRI-14 ²⁾	RRI	1/2" ⁷⁾	R	14	Twin-Hammer	9.000	440	R 2 levels	5,3	1,1	PT 1/4"	6,5	5,8	89
RRI-17 1/2	RRI	1/2"	R	16	Twin-Hammer	10.000	450	R 3 levels	5,5	1,3	PT 1/4"	10	6,8	89
RR-18N	RR	1/2"	R	16	Twin-Hammer	7.000	815	R/L 3 levels	8,2	2	PT 1/4"	10	4,8	83
RR-18N T ¹⁾	RR	1/2"	R	16	Twin-Hammer	7.000	815	90 Nm ²⁾	8,2	2	PT 1/4"	10	3,1	83
RR-160H	RR	1/2"	R	16	Dynapact	8.000	580	R/L 4 levels	8	2,3	PT 1/4"	10	11	82
V-160P	YOKOTA	1/2"	R	16	1-Hammer	6.500	580	R/L 4 levels	7,5	2,8	PT 1/4"	10	13	84
MI-17MG	TOKU	1/2"	R	16	Twin-Hammer	5.500	650	R/L 4 levels	8,3	2,4	PT 1/4"	10	7,4	88
RRI-21 ²⁾	RRI	1/2"	R	20	Twin-Hammer	7.500	900	R 3 levels	9,2	2	PT 1/4"	10	3,4	86
MI-20P	TOKU	3/4"	R+H	24	Twin-Hammer	5.000	1.000	R/L 4 levels	9,6	3,9	PT 3/8"	10	4,6	92
RR-20PN	RR	3/4"	R+H	20	1-Hammer	4.800	720	R/L stepless	9,2	4,6	PT 1/4"	10	4	87
RR-24N	RR	3/4"	R+H	24	Twin-Hammer	5.500	1.625	R 3 levels	9,1	3,4	PT 3/8"	10	4,8	90
RRI-25	RRI	3/4"	R+H	24	Twin-Hammer	5.000	1.800	R 3 levels	9,8	3,7	PT 3/8"	10	7,6	87
RR-24N 1	RR	1"	R+H	24	Twin-Hammer	5.500	1.900	R 3 levels	9,1	3,7	PT 3/8"	10	4,8	90
MI-3800PR	TOKU	1"	R+H	36	Closed hammer	4.500	2.100	R/L 4 levels	15	9,3	PT 1/2"	13	8	84
MI-3800PLR ³⁾	TOKU	1"	R+H	36	Closed hammer	4.500	2.000	R/L 4 levels	15	9,9	PT 1/2"	13	8	84

¹⁾ RR-16N T & RR-18N T: maximum tightening torque: 90 Nm, full power in untightening / ²⁾ Breakloose torque RRI-14: 610 Nm, RRI-21: 1.750 Nm / ³⁾ L = Long anvil

⁴⁾ Type: R = Ring type / H = Hole type / R + H = Ring + Hole type / ⁵⁾ All impact wrenches are right and left turning / "R 3 levels" means: 3 positions clockwise and counterclockwise full power

IMPACT WRENCHES

Straight models



RRI-37E



MI-38ESR



MI-38ELR



MI-590TR



MI-3800ESR



MI-3800ELR



MI-42ESR



MI-4500ESR



MI-4500ELR



MI-5500ES



RRI-1060

Type	Brand	Square drive	Type ¹⁾	Bolt capacity mm	Impact-mechanism	RPM	Torque Nm	Power adjustment	Air cons. l/s ⁴⁾	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-37E	RRI	1"	R+H	36	Twin-Hammer	6.000	2.200	R/L 3 levels	15	8,75	PT 1/2"	13	17	99
MI-38ESR	TOKU	1"	R+H	36	Twin-Hammer	3.700	1.850	R/L 4 levels	11,7	7,75	PT 1/2"	13	8,7	93
MI-38ELR ²⁾	TOKU	1"	R+H	36	Twin-Hammer	3.700	1.800	R/L 4 levels	11,7	7,95	PT 1/2"	13	8,7	93
MI-590TR ³⁾	TOKU	1"	R+H	36	Dynapact	3.800	1.850	450-700 Nm	11,7	10,9	PT 1/2"	13	9,1	93
MI-3800ESR	TOKU	1"	R+H	36	Closed hammer	4.500	2.100	R/L 4 levels	15	9,3	PT 1/2"	13	8	84
MI-3800ELR ²⁾	TOKU	1"	R+H	36	Closed hammer	4.500	2.000	R/L 4 levels	15	9,9	PT 1/2"	13	8	84
MI-42ESR	TOKU	1"	R+H	42	Twin-Hammer	3.900	2.850	R/L 4 levels	23	9,4	PT 1/2"	13	7,6	99
MI-42ELR ²⁾	TOKU	1"	R+H	42	Twin-Hammer	3.900	2.800	R/L 4 levels	23	10,6	PT 1/2"	13	7,6	99
MI-4500ESR	TOKU	1"	R+H	45	Closed hammer	3.700	2.900	R/L 4 levels	23	13,4	PT 1/2"	13	7	84
MI-4500ELR ²⁾	TOKU	1"	R+H	45	Closed hammer	3.700	2.900	R/L 4 levels	23	14,5	PT 1/2"	13	7	84
MI-5500ES	TOKU	1 1/2"	H	52	Dynapact	2.800	5.500	R/L 4 levels	15	18,1	PT 1/2"	13	14,3	109
RRI-1060	RRI	1 1/2"	H	52	3-Jaw	3.000	4.500	-	27	16,0	PT 1/2"	19	5	97

¹⁾ Type: H = Hole type, R + H = Ring + Hole Type / ²⁾ L = Long spindle / ³⁾ Impact wrench with shut-off in forward (450-700 Nm) / ⁴⁾ Airconsumption of impact wrenches is measured under load



Bolt cleaner Set MBC-30S

- One handheld airtool, 1800 rpm with 1/4" Hex chuck
- Four boltcleanercups with inner wirebrush, for M20, M24 and M30 bolts
- Three hole brushes, for M20, M24 and M30 nuts and holes
- One hole buff

TYPE



Ring type (standard)



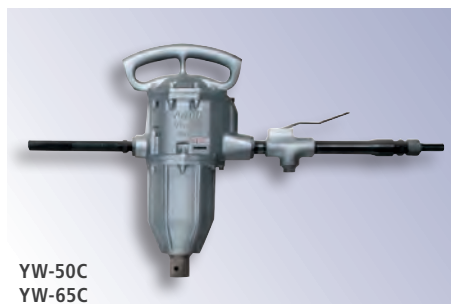
Hole type



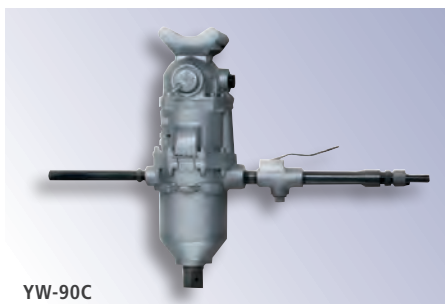
Ring + hole type

IMPACT WRENCHES

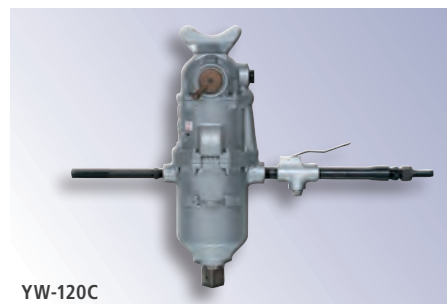
Heavy duty models



YW-50C
YW-65C



YW-90C



YW-120C

Type	Brand	Square drive	Type ¹⁾	Bolt capacity mm	Impact-mechanism	RPM	Torque Nm	Air cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
YW-50C	YOKOTA	1½"	H	52	2-Hammer	3.000	4.500	30	27	PT 1"	19	2,3	90
YW-65C	YOKOTA	1½"	H	64	2-Hammer	2.100	6.600	30	45	PT 1"	19	2,3	92
YW-90C ²⁾	YOKOTA	1¾"	H	90	2-Hammer	1.700	16.500	41	62	PT 1"	19	2,3	94
YW-120C	YOKOTA	2½"	H	130	2-Hammer	1.800	33.000	68	115	PT 1"	25	5	93

¹⁾ Type: H = Hole type / ²⁾ 1½" square drive on request / The air consumption of the impact wrenches has been measured under working conditions.

Impact wrenches sets



RR-18N/SETSTD

RR-18N/SETSTD

- Impact wrench RR-18N
- 5 x 1/2" Impact sockets (A/F 17-19-21-22-24)
- Extension bar 100 mm



RR-18N/SETLNG

RR-18N/SETLNG

- Impact wrench RR-18N
- 5 x 1/2" Impact sockets (A/F 17-19-21-22-24 deep)
- Extension bar 100 mm



MI-17MG-SK

MI-17MG-SK

- Impact wrench MI-17MG
- 5 x 1/2" Impact sockets (A/F 17-19-21-22-24)
- Extension bar 100 mm



MI-17MG-SL

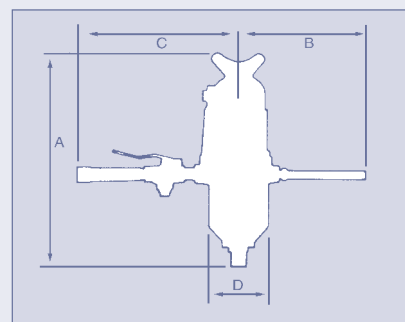
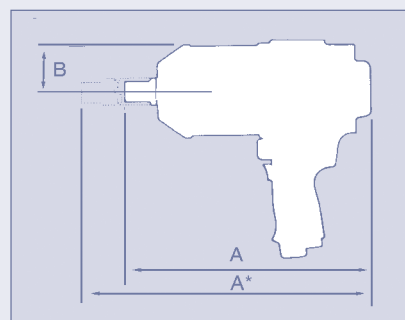
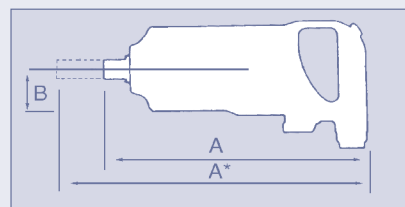
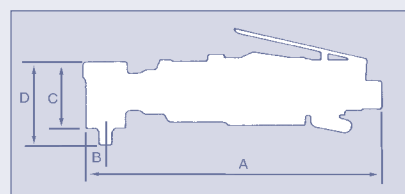
MI-17MG-SL

- Impact wrench MI-17MG
- 5 x 1/2" Impact sockets (A/F 17-19-21-22-24 deep)
- Extension bar 100 mm

IMPACT WRENCHES

DIMENSIONS

Type	A mm	A* mm	B mm	C mm	D mm
MI-12	150	-	24	-	-
MI-16	170	-	27	-	-
MI-17MG	178	-	31	-	-
MI-20P	215	-	38	-	-
MI-38ESR	337	-	50	-	-
MI-38ELR	-	515	50	-	-
MI-42ESR	370	-	60	-	-
MI-42ELR	-	517	60	-	-
MI-590TR	570	-	50	-	-
MI-3800PR	281	-	55	-	-
MI-3800PLR	-	430	55	-	-
MI-3800ESR	355	-	55	-	-
MI-3800ELR	-	504	55	-	-
MI-4500ESR	460	-	60	-	-
MI-4500ELR	-	584	60	-	-
MI-5500ES	553	-	63	-	-
RR-15A	340	-	32	67	-
RR-15P	180	-	30	-	-
RR-20PN	239	-	38	-	-
RR-160H	185	-	30	-	-
RR-16N	150	-	30	-	-
RR-18N	185	-	30	-	-
RR-18NT	185	-	30	-	-
RR-24N	210	-	50	-	-
RRI-14	120	-	32	-	-
RRI-17	172	-	29	-	-
RRI-21	190	-	35	-	-
RRI-25	234	-	43	-	-
RRI-37E	-	515	52	-	-
RRI-1060	400	-	78	-	-
V-160P	182	-	34	-	-
YW-6CL	215	-	14	50	63
YW-50C	535	-	355	448	160
YW-65C	606	-	344	434	162
YW-90C	674	-	358	448	186
YW-120C	827	-	527	461	226



SPARE PARTS

Spring ring for impact sockets

Type	Part number Spring Ring	Part number O-Ring
TOKU 3/8"	13-08-05-092	9010-1004-00-00
TOKU 1/2"	13-08-05-006	13-11-17-108
TOKU 3/4"	13-08-03-113	9010-1012-00-00
TOKU 1"	13-08-03-144	13-11-05-013
V-160P	0208-0416-00-00	13-11-05-006
RR-15P	40303	13-11-05-006
RR-20PN	280-016	9010-1012-00-00
RR-16N/18N(T)	40303	13-11-05-006
RRI-21	250-033	00-4103
RR-24N	45-405112	OR01000305
RR-160H	250-033	00-4103
RRI-17 3/8"	242-026	00-4144
RRI-17 1/2"	250-033	00-4103
RRI-25	280-028	00-4175

ACCESSORIES



Rubber protection cover

Part number	For type
AH0001020	MI-17MG / MI-17HEG
AH0001030	MI-20P

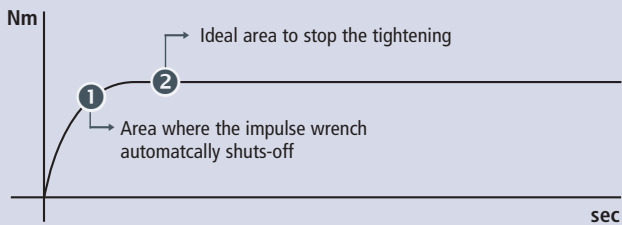


Hose set noise suppressor

Part number	For type
EH-43-4033SUB	RR-16N/18N/18NT
EH-454051P	RR-24N

YOKOTA IMPULSE WRENCHES

WHAT TO CHOOSE?



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 tolerances
- Smallest torque tolerances

Impulse Wrenches with mechanical shut-off ①

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

Impulse Wrenches with Poka Yoke+ system ②

Impulse wrench with controlled shut-off

- Highest clamp force with smallest tolerances
- Smallest torque tolerances
- Shortest optimum operating time
- Operator knows when the tightening is finished
- Operator is informed about OK-NOK of the tightening
- OK joints are counted, no missed tightenings

System Wrenches with integrated torque transducer ②

- Highest clamp force with smallest tolerances
- Smallest torque tolerances
- Shortest optimum operating time
- Operator knows when the tightening is finished
- Operator is informed about OK-NOK of the tightening
- OK joints are counted, no missed tightenings
- Actual tightening torque is measured
- Full documentation
- Zero fault production

IMPULSE WRENCHES

SHUT-OFF & NON SHUT-OFF



YLT SERIES

YLa-JQ SERIES

YX SERIES

- **YLT SERIES: SHUT OFF** (torque 4,5-210 Nm)
- **YLa SERIES: NON SHUT OFF** (torque 9-160 Nm)
- **YLa JQ SERIES** (torque 6-270 Nm)
- **YX SERIES: NON SHUT OFF** (torque 18-490 Nm)

INTELLIGENT ASSEMBLY SOLUTIONS

AIR, ELECTRIC & BATTERY POWERED



SYSTEM WRENCHES
TKa SERIES

SYSTEM WRENCHES
TKa/YED SERIES

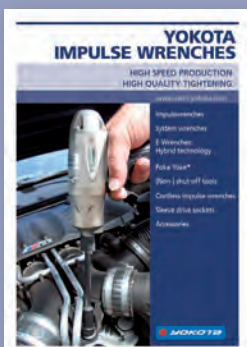
- **SYSTEM WRENCHES TKa series**
11-220 Nm torque controlled & angle monitored
- **SYSTEM WRENCHES TKa/YED series**
4-600 Nm torque controlled



ELECTRIC SYSTEM WRENCHES
E-M SERIES

BATTERY SYSTEM WRENCHES
YS-e SERIES

- **ELECTRIC SYSTEM WRENCHES**
3-90 Nm torque controlled & angle monitored
- **BATTERY SYSTEM E-WRENCHES**
7-60 Nm torque controlled & angle monitored



BROCHURE YOKOTA IMPULSE WRENCHES

For a complete overview of the YOKOTA IMPULSE TOOLS ask for the special brochure YOKOTA IMPULSE WRENCHES or visit our website: www.rami-yokota.com



1/4" Drive

6-Point

Type	A/F mm	Drawing	D1 mm	L mm	L1 mm
Metric					
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

6-Point magnetic

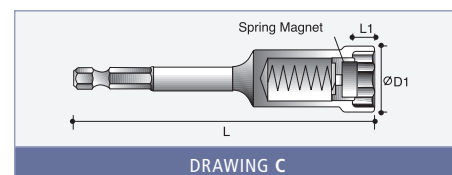
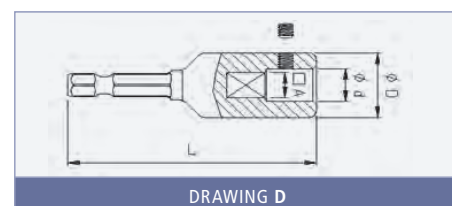
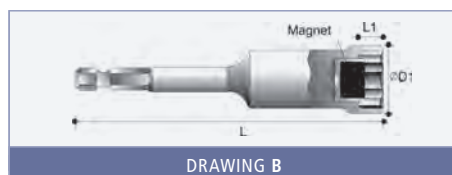
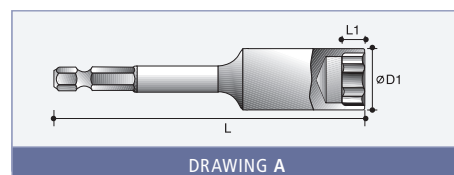
Type	A/F mm	Drawing	D1 mm	L mm	L1 mm
Metric					
DO697B0M06	6	B	10	55	4,5
DO697B0M07	7	B	11	55	4,5
DO697B0M08	8	B	12	55	4,5
DO697B0M10	10	B	14	55	5,5
DO697B0M11	11	B	16	55	5,5
DO697B0M12	12	B	17	55	5,5
DO697B0M13	13	B	18	55	5,5
DO697B0M14	14	B	19	55	5,5
DO697B0N10	10	B	14	75	5,5
DO697B0N12	12	B	17	75	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

6-Point deep magnetic

Type	A mm	Drawing	D1 mm	L mm	L1 mm
Metric					
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

Tap holding sockets

Type	A mm	Drawing	Ø d mm	Ø D mm	L mm
Metric					
DO63A65001	3,4	D	4,5	14	55
DO63A65002	4,9	D	6,0	15	55
DO63A65003	5,5	D	7,0	16	55
DO63A65004	6,2	D	8,0	17	60
DO63A65005	7,0	D	9,0	18	70
DO63A65006	8,0	D	10,0	19	70
DO63A65007	9,0	D	11,0	20	70
DO63A65008	9,0	D	12,0	21	70
DO63A65009	11,0	D	14,0	23	75



IMPACT SOCKETS



1/4" Drive

6-Point normal



1

Type	A/F mm	DRAWING	D1 mm	D2 mm	L mm	L2 mm
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Metric

DO0014-0-004	4	A	7,6	13	23	4
DO0014-0-0045	4,5	A	8,2	13	23	5
DO0014-0-005	5	A	8,8	13	23	5
DO0014-0-0055	5,5	A	9,5	13	23	5
DO0014-0-006	6	A	10	13	23	6
DO0014-0-007	7	A	11,3	13	23	6
DO0014-0-008	8	A	12,5	13	23	7
DO0014-0-009	9	A	13,8	13	23	7
DO0014-0-010	10	C	15	13	23	7
DO0014-0-011	11	C	16,3	13	23	8
DO0014-0-012	12	C	17	13	23	8
DO0014-0-013	13	C	18,8	13	23	8
DO0014-0-014	14	C	20	13	23	8
DO0014-0-015	15	C	21	13	23	8

Deep



2

Type	L mm	L2 mm
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DO0014-1-004	50	4
DO0014-1-045	50	6
DO0014-1-005	50	6
DO0014-1-0055	50	7
DO0014-1-006	50	7
DO0014-1-007	50	7
DO0014-1-008	50	9
DO0014-1-009	50	9
DO0014-1-010	50	9
DO0014-1-011	50	9
DO0014-1-012	50	9
DO0014-1-013	50	9
DO0014-1-014	50	9
DO0014-1-015	50	9

Torx® intern



5

Type	A/F mm	Drawing	D2 mm	L mm	L1 mm	-
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Metric

DO64701005	T5	F	13	35	2,0	-
DO64701006	T6	F	13	35	2,0	-
DO64701007	T7	F	13	35	2,0	-
DO64701008	T8	F	13	35	2,0	-
DO64701009	T9	F	13	35	2,0	-
DO64701010	T10	F	13	35	2,8	-
DO64701015	T15	F	13	35	2,8	-
DO64701020	T20	F	13	35	2,8	-
DO64701025	T25	F	13	35	3,0	-
DO64701027	T27	F	13	35	3,0	-
DO64701030	T30	F	13	35	3,8	-

Torx® is a trademark of Textron.

Hex driver (inbus)



6

Type	A/F mm	Drawing	D2 mm	L mm	L1 mm	-
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Metric

DO64805025	2,5	F	13	35	4	-
DO64805030	3	F	13	35	6	-
DO64805040	4	F	13	35	6	-
DO64805050	5	F	13	35	6	-
DO64805060	6	F	13	35	8	-
DO64805070	7	F	13	35	8	-
DO64805080	8	F	13	35	8	-
DO64805090	9	F	13	35	10	-
DO64805100	10	F	13	35	10	-

6-Point normal



3

Type	A/F mm	DRAWING	D1 mm	D2 mm	L mm	L2 mm
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Metric

DO6050P050	5	A	8,8	13	23	3
DO6050P055	5,5	A	9,5	13	23	3
DO6050P060	6	A	10	13	23	3
DO6050P070	7	A	11,3	13	23	3
DO6050P080	8	A	12,5	13	23	3
DO6050P090	9	C	13,8	13	23	4
DO6050P100	10	C	15	13	23	4
DO6050P110	11	C	16,3	13	23	5
DO6050P120	12	C	17	13	23	5
DO6050P130	13	C	18,8	13	23	5
DO6050P140	14	C	20	13	23	6
DO6050P150	15	C	21	13	23	6

Deep

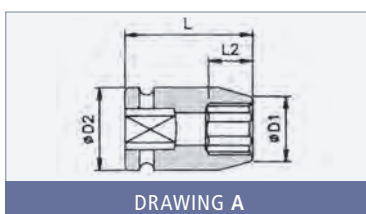


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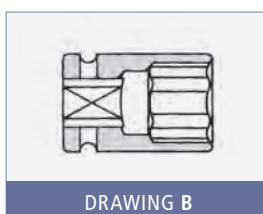
Type	L mm	L2 mm
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DO6050R050	50	3
DO6050R055	50	3
DO6050R060	50	3
DO6050R070	50	3
DO6050R080	50	3
DO6050R090	50	4
DO6050R100	50	4
DO6050R110	50	5
DO6050R120	50	5
DO6050R130	50	5
DO6050R140	50	6
DO6050R150	50	6

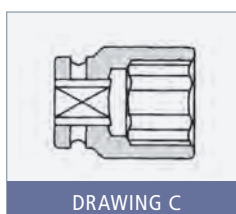
Other versions of impact sockets are available (magnetic, thinwalled, other sizes). Ask for our special ACTION socket brochure as mentioned on the back.



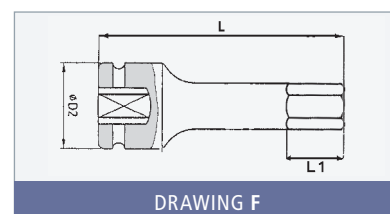
DRAWING A



DRAWING B



DRAWING C



DRAWING F



3/8" Drive

6-Point normal



1

Type	A/F mm	DRAWING	D1 mm	D2 mm	L mm	L2 mm
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Metric

DO1038-0-006	6	A	11	19	30	4
DO1038-0-007	7	A	12,5	19	30	8
DO1038-0-008	8	A	14	19	30	8
DO1038-0-010	10	A	16	19	30	8
DO1038-0-012	12	B	19	19	30	9
DO1038-0-013	13	A	20	22	30	9
DO1038-0-014	14	A	21	22	30	9
DO1038-0-015	15	B	22	22	30	11
DO1038-0-016	16	C	24	22	30	11
DO1038-0-017	17	C	25	22	30	11
DO1038-0-019	19	C	27,5	22	30	11
DO1038-0-024	24	C	34	23	30	13

Deep



2

Type	L mm	L2 mm
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DO1038-1-006	63	12
DO1038-1-007	63	12
DO1038-1-008	65	12
DO1038-1-010	65	12
DO1038-1-012	65	12
DO1038-1-013	65	25
DO1038-1-014	65	25
DO1038-1-015	65	25
DO1038-1-016	65	25
DO1038-1-017	65	25
DO1038-1-019	65	25
DO1038-1-024	65	25

6-Point normal



3

Type	A/F mm	DRAWING	D1 mm	D2 mm	L mm	L2 mm
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Metric

DO6051P006	6	A	11,5	19	30	3
DO6051P007	7	A	12,5	19	30	3
DO6051P008	8	A	14	19	30	3
DO6051P009	9	A	15	19	30	4
DO6051P010	10	A	16,5	19	30	4
DO6051P011	11	A	17,5	19	30	5
DO6051P012	12	B	19	19	30	5
DO6051P013	13	A	20	22	30	5
DO6051P014	14	A	21,5	22	30	6
DO6051P015	15	B	22	22	30	6
DO6051P016	16	C	24	22	30	6
DO6051P017	17	C	25	22	30	6
DO6051P018	18	C	26	22	30	7
DO6051P019	19	C	27,5	22	30	7

Deep



4

Type	L mm	L2 mm
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DO6051R006	55	3
DO6051R007	55	3
DO6051R008	55	3
DO6051R009	55	4
DO6051R010	55	4
DO6051R011	55	5
DO6051R012	55	5
DO6051R013	55	5
DO6051R014	55	6
DO6051R015	55	6
DO6051R016	55	6
DO6051R017	55	6
DO6051R018	55	7
DO6051R019	55	7

Hex driver (inbus)



5

Type	A/F mm	DRAWING	D2 mm	L1 mm	L mm	-
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Metric

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	-

Torx® external



6

Type	A/F	Drawing	D1 mm	D2 mm	L mm	L2 mm
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Metric

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.

Torx® internal



7

Type	A/F	Drawing	D1 mm	L mm	L1 mm	-
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Metric

DO64711015	T15	F	19	50	2,8	-
DO64711020	T20	F	19	50	3,0	-
DO64711025	T25	F	19	50	3,0	-
DO64711030	T30	F	19	50	3,8	-
DO64711040	T40	F	19	50	4,3	-
DO64711045	T45	F	19	50	5,0	-
DO64711050	T50	F	19	50	5,5	-

Torx® is a trademark of Textron.

12-Point normal



8

Type	A/F mm	DRAWING	D1 mm	D2 mm	L mm	L2 mm
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Metric

DO65815006	6	A	11	19	30	5
DO65815007	7	A	12	19	30	8
DO65815008	8	A	13	19	30	8
DO65815009	9	A	15	19	30	8
DO65815010	10	A	16	19	30	8
DO65815011	11	A	17,5	19	30	9
DO65815012	12	A	18,5	19	30	9
DO65815013	13	A	20	22	30	10
DO65815014	14	A	21	22	30	11
DO65815015	15	B	22	22	30	12
DO65815016	16	C	24	22	30	12
DO65815017	17	C	25	22	30	12
DO65815018	18	C	26	22	30	13
DO65815019	19	C	27	22	30	13
DO65815020	20	C	28	22	30	13
DO65815021	21	C	30	22	30	14
DO65815022	22	C	31	23	30	15
DO65815023	23	C	32	23	30	15
DO65815024	24	C	34	23	30	16
DO65815025	25	C	35	23	30	16
DO65815026	26	C	36	23	30	16

Deep



9

Type	L mm	L2 mm
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DO65817006	63	5
DO65817007	63	12
DO65817008	63	12
DO65817009	65	12
DO65817010	65	22
DO65817011	65	22
DO65817012	65	22
DO65817013	65	22
DO65817014	65	22
DO65817015	65	22
DO65817016	65	24
DO65817017	65	24
DO65817018	65	24
DO65817019	65	24
DO65817020	65	24
DO65817021	65	24
DO65817022	65	24
DO65817023	65	24
DO65817024	65	24
DO65817025	65	24
DO65817026	65	24

IMPACT SOCKETS



1/4" Drive

6-Point normal



1

Type A/F mm DRAWING D1 mm D2 mm L mm L2 mm

Metrisch

DO2012-0-008	8	A	14,5	24	38	9
DO2012-0-009	9	A	16	24	38	12
DO2012-0-010	10	A	17	24	38	12
DO2012-0-012	12	A	20	24	38	12
DO2012-0-013	13	A	21	24	38	12
DO2012-0-014	14	A	22	24	38	12
DO2012-0-015	15	A	24	24	38	12
DO2012-0-016	16	A	25	26	38	12
DO2012-0-017	17	A	26	26	38	13
DO2012-0-018	18	A	27,5	28	38	13
DO2012-0-019	19	A	29	30	38	13
DO2012-0-021	21	B	32	32	38	13
DO2012-0-022	22	C	32	32	38	13
DO2012-0-024	24	C	35	36	45	20
DO2012-0-025	25	C	36	36	45	20
DO2012-0-027	27	C	39	38	50	22
DO2012-0-028	28	C	40	38	50	22
DO2012-0-030	30	C	42,5	38	50	22
DO2012-0-032	32	C	44	38	50	24
DO2012-0-036	36	C	48	38	50	24
DO2012-0-038	38	C	53	38	50	24
DO2012-0-041	41	C	58	38	60	28
DO2012-0-046	46	C	65	38	60	28

Deep



2

Type L mm L2 mm

DO2012-1-008	78	13
DO2012-1-010	78	14
DO2012-1-011	78	14
DO2012-1-012	78	14
DO2012-1-013	78	14
DO2012-1-014	78	17
DO2012-1-015	78	17
DO2012-1-016	78	17
DO2012-1-017	78	17
DO2012-1-018	78	17
DO2012-1-019	78	19
DO2012-1-021	78	24
DO2012-1-022	78	24
DO2012-1-023	78	24
DO2012-1-024	78	24
DO2012-1-027	78	24
DO2012-1-028	78	24
DO2012-1-030	78	24
DO2012-1-032	78	24
DO2012-1-036	90	24
DO2012-1-038	90	24
DO2012-1-041	93	58
DO2012-1-046	93	58

Torx® internal



4

Type	A/F	Drawing	D2 mm	L mm	L1 mm	-
DO64721025	T25	D	25	55	3,0	-
DO64721030	T30	D	25	55	3,8	-
DO64721040	T40	D	25	55	3,8	-
DO64721045	T45	D	25	55	4,3	-
DO64721050	T50	D	25	55	5,0	-
DO64721055	T55	D	25	55	5,5	-
DO64721060	T60	D	25	55	8,0	-

Torx® is a trademark of Textron.

Torx® external



5

Type	A/F	Drawing	D1 mm	D2 mm	L mm	L2 mm
DO63320010	E10	A	15	25	38	7,5
DO63320011	E11	A	15,5	25	38	8
DO63320012	E12	A	16	25	38	8,5
DO63320014	E14	A	18,5	25	38	10
DO63320016	E16	A	20	25	38	11
DO63320018	E18	A	22	25	38	12
DO63320020	E20	A	25	30	38	13,5
DO63320022	E22	A	26,5	30	45	18
DO63320024	E24	A	28,5	30	45	18

Torx® is a trademark of Textron.

Hex driver (inbus)



3

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

Metrisch

DO696304A	4	D	25	75	11	-
DO696305A	5	D	25	75	15	-
DO696306A	6	D	25	75	15	-
DO696307A	7	D	25	75	15	-
DO696308A	8	D	25	75	16	-
DO696310A	10	D	25	75	16	-
DO696312A	12	D	25	75	16	-
DO696314A	14	D	25	75	16	-
DO696317A	17	D	25	75	16	-
DO696319A	19	D	25	75	16	-

6-Point normal



6

Type A/F mm DRAWING D1 mm D2 mm L mm L2 mm

Metrisch

DO6052P008	8	A	15	25	38	3
DO6052P009	9	A	16	25	38	4
DO6052P010	10	A	17,5	25	38	4
DO6052P011	11	A	18,5	25	38	5
DO6052P012	12	A	20	25	38	5
DO6052P013	13	A	21	25	38	5
DO6052P014	14	A	22,5	25	38	6
DO6052P015	15	A	23,7	30	38	6
DO6052P016	16	A	25	30	38	6
DO6052P017	17	A	26,5	30	38	6
DO6052P018	18	A	27,5	30	38	7
DO6052P019	19	A	29	30	38	7
DO6052P020	20	B	30	30	38	7
DO6052P021	21	C	31	30	38	8
DO6052P022	22	C	32,5	30	38	8
DO6052P024	24	C	35	30	45	10

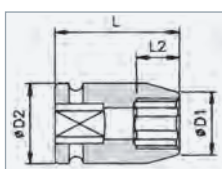
Deep



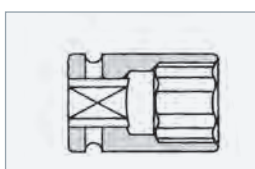
7

Type L mm L2 mm

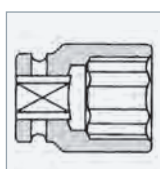
DO6052R008	78	3
DO6052R009	78	4
DO6052R010	78	4
DO6052R011	78	5
DO6052R012	78	5
DO6052R013	78	5
DO6052R014	78	6
DO6052R015	78	6
DO6052R016	78	6
DO6052R017	78	6
DO6052R018	78	7
DO6052R019	78	7
DO6052R020	78	7
DO6052R021	78	8
DO6052R022	78	8
DO6052R024	78	10



DRAWING A



DRAWING B



DRAWING C

IMPACT SOCKETS



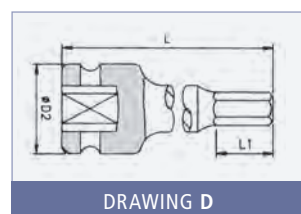
1/4" Drive

12-Point normal 								1
Type	A/F mm	DRAWING	D1 mm	D2 mm	L mm	L2 mm		
Metric								
D063825008	8	A	14	25	38	6		
D063825009	9	A	16	25	38	6		
D063825010	10	A	17,5	25	38	7		
D063825011	11	A	19	25	38	8		
D063825012	12	A	20	25	38	9		
D063825013	13	A	21	25	38	9		
D063825014	14	A	22,5	25	38	11		
D063825015	15	A	23,5	30	38	11		
D063825016	16	A	25	30	38	11		
D063825017	17	A	26,5	30	40	11		
D063825018	18	A	27,5	30	40	13		
D063825019	19	A	29	30	40	13		
D063825020	20	B	30	30	40	13		
D063825021	21	C	31	30	40	15		
D063825022	22	C	32,5	30	40	15		
D063825023	23	C	34	30	40	15		
D063825024	24	C	35	30	45	18		
D063825025	25	C	36	30	45	18		
D063825026	26	C	38	30	50	18		
D063825027	27	C	39	30	50	19		
D063825028	28	C	40	30	50	19		
D063825029	29	C	41	30	50	19		
D063825030	30	C	42,5	30	50	21		
D063825032	32	C	44	30	50	22		
D063825033	33	C	46,5	30	50	22		
D063825036	36	C	50,5	30	50	24		

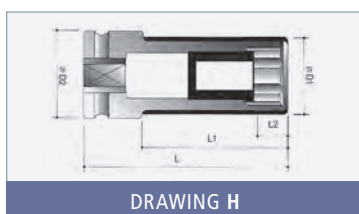
6-Point thin wall deep, with plastic stop and sleeve

Type	A/F mm	Drawing	D1 mm	D2 mm	D3 mm	L mm	L2 mm
Metric							
D061126015 (white)	15	H	22	30	25	85	13
D061126017 (blue)	17	H	24	30	27	85	14
D061126019 (yellow)	19	H	26	30	29	85	15
D061126021 (red)	21	H	28	30	31	85	17
D061126022 (green)	22	H	29,5	30	32,5	85	18

Thin wall sockets are not covered by the ACTION warranty.



DRAWING D



DRAWING H

3/4" Drive

6-Point normal 								3
Type	A/F mm	DRAWING	D1 mm	D2 mm	L mm	L2 mm		
Metric								
D03034-0-013	13	A	25	44	50	9		
D03034-0-017	17	A	31	44	50	12		
D03034-0-018	18	A	32	44	50	13		
D03034-0-019	19	A	33	44	50	13		
D03034-0-021	21	A	36	44	50	15		
D03034-0-022	22	A	37	44	50	15		
D03034-0-024	24	A	40	44	50	16		
D03034-0-027	27	A	43	44	54	16		
D03034-0-030	30	C	47	44	54	21		
D03034-0-032	32	C	49	44	56	21		
D03034-0-033	33	C	51	44	56	22		
D03034-0-036	36	C	54	44	56	22		
D03034-0-038	38	C	57	44	58	24		
D03034-0-041	41	C	61	44	58	24		
D03034-0-046	46	C	67	44	63	27		
D03034-0-050	50	C	71	54	72	32		
D03034-0-055	55	C	77	54	74	35		
D03034-0-060	60	C	84	54	75	35		

Hex driver (inbus)

Type	A/F mm	Drawing	D2 mm	L mm	L1 mm	-
Metric						
D0696510A	10	D	44	100	20	-
D0696512A	12	D	44	100	20	-
D0696514A	14	D	44	100	20	-
D0696517A	17	D	44	100	20	-
D0696519A	19	D	44	100	20	-
D0696522A	22	D	44	100	20	-
D0696524A	24	D	44	100	20	-
D0696527A	27	D	44	100	20	-

Torx® internal

Type	A/F mm	Drawing	D2 mm	L mm	L1 mm	-
Metric						
D064742050	T50	F	44	100	5,0	-
D064742055	T55	F	44	100	5,5	-
D064742060	T60	F	44	100	8,0	-
D064742070	T70	F	44	100	9,4	-
D064742080	T80	F	44	100	10,5	-
D064742090	T90	F	44	100	11,8	-
D064742100	T100	F	44	100	13,1	-

Torx® is a trademark of Textron.

IMPACT SOCKETS



3/4" Drive

Torx® external 						
Type	A/F mm	Drawing	D1 mm	D2 mm	L mm	L1 mm
D063340018	E18	A	25	44	56	12
D063340020	E20	A	27	44	56	15
D063340022	E22	A	30	44	56	15
D063340024	E24	A	33	44	56	16
D063340032	E32	A	44	44	56	24

Torx® is a trademark of Textron.

12-Point normal 						
Type	A/F mm	Drawing	D1 mm	D2 mm	L mm	L2 mm
Metric						
D063845013	13	A	23	38	50	9
D063845016	16	A	27	38	50	11
D063845017	17	A	28	38	50	12
D063845018	18	A	29	38	50	13
D063845019	19	A	30	38	50	13
D063845020	20	A	31	38	52	14
D063845021	21	A	32	38	52	15
D063845022	22	A	34	38	52	15
D063845024	24	A	36	38	52	18
D063845026	26	C	40	38	52	18
D063845027	27	C	40	38	52	19
D063845028	28	C	42	38	52	19
D063845029	29	C	43	38	52	21
D063845030	30	C	43	38	52	21
D063845031	31	C	44	38	56	21
D063845032	32	C	45	38	56	22
D063845033	33	C	46	38	56	22
D063845034	34	C	48	38	56	22
D063845035	35	C	50	38	56	22
D063845036	36	C	51	38	56	25
D063845037	37	C	52	38	56	25
D063845039	39	C	55	38	62	25
D063845041	41	C	58	38	62	27
D063845042	42	C	61	38	62	27
D063845043	43	C	63	38	62	27
D063845046	46	C	67	38	68	30
D063845050	50	C	71	38	70	32
D063845055	55	C	77	54	74	35
D063845056	56	C	77	54	74	35

Deep 		
Type	L mm	L2 mm
D065847013	95	13
D065847016	95	16
D065847017	95	17
D065847018	95	18
D065847019	95	19
D065847020	95	20
D065847021	95	21
D065847022	95	22
D065847024	95	24
D065847026	95	26
D065847027	95	27
D065847028	95	28
D065847029	95	29
D065847030	95	30
D065847031	95	31
D065847032	95	32
D065847033	95	33
D065847034	95	34
D065847035	95	35
D065847036	95	36
D065847037	95	37
D065847039	95	38
D065847041	95	38
D065847042	95	38
D065847043	95	38
D065847046	100	38
D065847050	100	38
D065847055	105	40
D065847056	105	40

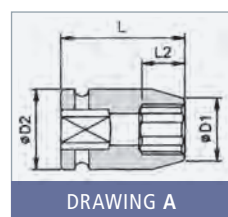
1" Drive

6-Point normal 						
Type	A/F mm	Drawing	D1 mm	D2 mm	L mm	L2 mm
Metric						
D04010-0-017	17	A	34	54	58	12
D04010-0-019	19	A	35,5	54	58	13
D04010-0-022	22	A	40	54	58	15
D04010-0-024	24	A	42	54	58	19
D04010-0-027	27	A	46	54	58	19
D04010-0-028	28	A	47	54	58	19
D04010-0-029	29	A	48	54	60	19
D04010-0-030	30	A	50	54	60	21
D04010-0-032	32	A	52	54	60	21
D04010-0-033	33	A	53	54	60	21
D04010-0-036	36	C	57	54	65	25
D04010-0-038	38	C	59,5	54	67	25
D04010-0-041	41	C	64	54	74	27
D04010-0-042	42	C	65	54	74	27
D04010-0-046	46	C	69,5	54	74	30
D04010-0-050	50	C	74	54	80	35
D04010-0-055	55	C	81	54	84	35
D04010-0-060	60	C	87	54	87	42
D04010-0-065	65	C	93	54	90	42
D04010-0-070	70	C	100	54	96	42
D04010-0-075	75	C	104	86	98	45
D04010-0-080	80	C	109	86	100	48

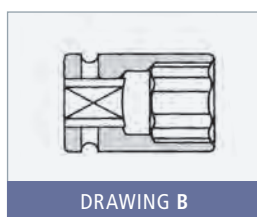
Deep 		
Type	L mm	L2 mm
D04010-1-017	100	17
D04010-1-019	100	19
D04010-1-022	100	22
D04010-1-024	100	24
D04010-1-027	100	27
D04010-1-028	100	28
D04010-1-029	100	29
D04010-1-030	100	30
D04010-1-032	100	32
D04010-1-033	100	33
D04010-1-036	100	36
D04010-1-038	100	38
D04010-1-041	100	38
D04010-1-042	100	38
D04010-1-046	100	38
D04010-1-050	100	38
D04010-1-055	100	40
D04010-1-060	105	42
D04010-1-065	120	42
D04010-1-070	125	42
D04010-1-075	135	45
D04010-1-080	135	48

12-Point normal 						
Type	A/F mm	Drawing	D1 mm	D2 mm	L mm	L2 mm
Metric						
D065855016	16	A	32	54	60	11
D065855017	17	A	34	54	60	11
D065855019	19	A	36	54	60	13
D065855020	20	A	37	54	60	13
D065855021	21	A	38	54	60	15
D065855022	22	A	39	54	60	15
D065855024	24	A	41	54	60	18
D065855027	27	A	45	54	60	19
D065855028	28	A	46,5	54	62	19
D065855030	30	A	50	54	62	21
D065855031	31	A	51	54	62	21

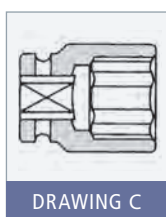
Deep 		
Type	L mm	L2 mm
D065857016	100	16
D065857017	100	17
D065857019	100	19
D065857020	100	20
D065857021	100	21
D065857022	100	22
D065857024	100	24
D065857027	100	27
D065857028	100	28
D065857030	100	30
D065857031	100	31



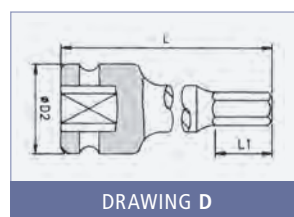
DRAWING A



DRAWING B



DRAWING C



DRAWING D

Other versions of impact sockets are available (magnetic, thinwalled, other sizes). Ask for our special ACTION socket brochure as mentioned on the back.

ACTION

IMPACT SOCKETS



1" Drive

12-Point normal  1							Deep  2		
Type	A/F mm	DRAWING	D1 mm	D2 mm	L mm	L2 mm	Type	L mm	L2 mm
Metric									
D065855032	32	A	52	54	62	22	D065857032	100	32
D065855033	33	A	53	54	62	22	D065857033	100	33
D065855034	34	C	55	54	62	22	D065857034	100	34
D065855036	36	C	57	54	67	24	D065857036	100	36
D065855038	38	C	60	54	67	24	D065857038	100	38
D065855039	39	C	61	54	70	24	D065857039	100	38
D065855040	40	C	62	54	70	24	D065857040	100	38
D065855041	41	C	63,5	54	70	27	D065857041	100	38
D065855044	44	C	67	54	74	27	D065857044	100	38
D065855046	46	C	70	58	76	30	D065857046	100	38
D065855048	48	C	72,5	58	76	30	D065857048	100	38
D065855050	50	C	75	62	80	32	D065857050	100	38
D065855052	52	C	77	62	84	32	D065857052	100	40
D065855054	54	C	80	62	84	32	D065857054	100	40
D065855055	55	C	81	62	84	35	D065857055	100	40
D065855056	56	C	82	62	84	35	D065857056	105	40
D065855058	58	C	85	62	87	37	D065857058	105	40
D065855060	60	C	87	62	87	37	D065857060	120	42
D065855062	62	C	89	62	87	37	D065857062	120	42
D065855063	63	C	90	62	87	37	D065857063	120	42
D065855065	65	C	93	62	90	40	D065857065	125	42
D065855070	70	C	100	62	96	40	D065857070	125	42
D065855075	75	C	106	86	98	42	D065857075	135	45
D065855077	77	C	109	86	100	45	D065857077	135	48
D065855080	80	C	112	86	100	45	D065857080	135	48
D065855085	85	C	118	86	105	52	D065857085	140	52
D065855090	90	C	125	86	105	52	D065857090	140	52
D065855095	95	C	131	86	105	52	D065857095	140	52
D065855100	100	C	137	86	110	58	D065857100	140	58
D065855105	105	C	143	95	110	58	D065857105	155	58
D065855110	110	C	149	95	115	62	D065857110	155	62
D065855115	115	C	155	95	115	62	D065857115	155	62

Hex driver (inbus)  3						
Type	A/F mm	Drawing	D2 mm	L mm	L1 mm	-
D0696610A	10	D	54	100	20	-
D0696612A	12	D	54	100	20	-
D0696614A	14	D	54	100	20	-
D0696617A	17	D	54	100	20	-
D0696619A	19	D	54	100	20	-
D0696622A	22	D	54	100	20	-
D0696624A	24	D	54	100	20	-
D0696627A	27	D	54	100	20	-
D0696630A	30	D	54	100	20	-
D0696632A	32	D	54	100	20	-

1½" Drive

6-Point normal  4							Deep  5		
Type	A/F mm	DRAWING	D1 mm	D2 mm	L mm	L2 mm	Type	L mm	L2 mm
Metric									
D05112-0-030	30	A	56	86	78	21	-	-	-
D05112-0-036	36	A	64	86	78	24	D05112-1-036	115	28
D05112-0-038	38	A	66	86	78	26	-	-	-
D05112-0-041	41	A	70	86	80	28	D05112-1-041	115	28
D05112-0-045	45	A	75	86	84	30	-	-	-
D05112-0-046	46	A	76	86	84	30	D05112-1-046	115	30
D05112-0-047	47	A	77	86	84	32	-	-	-
D05112-0-050	50	A	81	87	87	32	D05112-1-050	135	34
D05112-0-052	52	A	83	86	87	34	-	-	-
D05112-0-054	54	B	86	86	90	37	D05112-1-054	140	37
D05112-0-055	55	B	86	86	90	37	D05112-1-055	140	37
D05112-0-056	56	B	86	86	92	37	D05112-1-056	140	37
D05112-0-058	58	C	92	86	92	39	-	-	-
D05112-0-060	60	C	93	86	92	39	D05112-1-060	150	39
D05112-0-065	65	C	97	86	95	42	D05112-1-065	150	42
D05112-0-070	70	C	105	86	100	46	D05112-1-070	160	46
D05112-0-075	75	C	110	86	103	49	D05112-1-075	170	49
D05112-0-080	80	C	116	86	110	53	D05112-1-080	170	53
D05112-0-085	85	C	125	86	118	56	D05112-1-085	170	56
D05112-0-090	90	C	130	86	118	59	D05112-1-090	170	59
D05112-0-095	95	C	137	95	118	61	D05112-1-095	180	61
D05112-0-100	100	C	140	95	125	65	D05112-1-100	190	65
D05112-0-105	105	C	150	95	125	68	D05112-1-105	190	68
D05112-0-110	110	C	156	95	125	72	D05112-1-110	200	72
D05112-0-115	115	C	160	95	135	77	D05112-1-115	210	77
D05112-0-120	120	C	175	95	135	77	D05112-1-120	210	77

Hex driver (inbus)  3						
Type	A/F mm	Drawing	D2 mm	L mm	L1 mm	-
D064866019	19	D	86	105	20	-
D064866022	22	D	86	105	20	-
D064866024	24	D	86	105	20	-
D064866027	27	D	86	105	20	-
D064866030	30	D	86	105	20	-
D064866032	32	D	86	105	20	-
D064866033	33	D	86	105	20	-
D064866041	41	D	86	105	20	-
D064866046	46	D	86	105	20	-
D064866050	50	D	86	105	20	-
D064866055	55	D	86	105	20	-

IMPACT SOCKETS



2 1/2" Drive

6-Point normal



1

Type	A/F mm	Drawing	D1 mm	D2 mm	L mm	L2 mm
Metric						
D06212-0-075	75	A	118	127	140	42
D06212-0-077	77	A	122	127	140	45
D06212-0-080	80	A	124	127	140	45
D06212-0-085	85	C	130	127	140	52
D06212-0-090	90	C	136	127	145	52
D06212-0-095	95	C	146	127	145	52
D06212-0-100	100	C	149	127	150	58
D06212-0-105	105	C	155	127	155	58
D06212-0-110	110	C	161	127	160	60
D06212-0-115	115	C	167	127	165	62
D06212-0-120	120	C	174	127	170	67
D06212-0-125	125	C	181	127	175	72
D06212-0-130	130	C	188	127	175	72
D06212-0-135	135	C	195	127	180	77
D06212-0-140	140	C	202	127	180	77
D06212-0-145	145	C	208	127	185	83
D06212-0-150	150	C	215	127	185	83
D06212-0-155	155	C	221	127	190	90
D06212-0-160	160	C	227	127	190	90
D06212-0-165	165	C	234	127	195	95
D06212-0-170	170	C	241	127	195	95
D06212-0-175	175	C	248	127	200	100
D06212-0-180	180	C	254	127	200	100
D06212-0-185	185	C	258	152	210	105
D06212-0-190	190	C	265	152	210	105
D06212-0-200	200	C	275	152	220	110

EXTENSION BARS & UNIVERSAL JOINTS

Universal joints with pin hole

2

Type	Square-drive	Drawing	D2 mm	L mm	-
D09038-0-000	3/8"	A	21	50	-
D09012-0-000	1/2"	A	29	60	-
D09034-0-000	3/4"	A	44	105	-
D09100-0-000	1"	A	54	133	-

Extension bars with pin-hole

3

Type	Square-drive	Drawing	D2 mm	L mm	-
D07014-0-050	1/4"	D	13	50	-
D07014-0-100	1/4"	D	13	100	-
D07038-0-075	3/8"	D	19	75	-
D07038-0-125	3/8"	D	19	125	-
D07038-0-150	3/8"	D	19	150	-
D07012-0-075	1/2"	D	25	75	-
D07012-0-125	1/2"	D	25	125	-
D07012-0-250	1/2"	D	25	250	-
D07012-0-460	1/2"	D	25	460	-
D07034-0-100	3/4"	D	44	100	-
D07034-0-175	3/4"	D	44	175	-
D07034-0-250	3/4"	D	44	250	-
D07100-0-175	1"	D	54	175	-
D07100-0-200	1"	D	54	200	-
D07100-0-250	1"	D	54	250	-
D07100-0-400	1"	D	54	400	-
D07112-0-250	1 1/2"	D	86	250	-
D07212-0-500	2 1/2"	D	127	500	-

RETRING



Retring

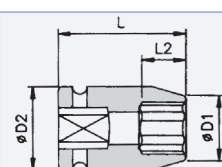
Type	Square-drive	D2 mm
D010032S	3/4"	36,5
D018708S	3/4"	44,5
D018715S	3/4" & 1"	53,9
D010008S	1"	44,5
D010021S	1 1/2"	76,2
D010025S	1 1/2"	85,7



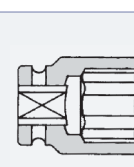
1. Place Socket Retainer over square driver. Place socket on square driver aligning retention holes. Hold center pin of Retainer between thumb and index finger, and insert it through retention holes.
2. Push center pin of Socket Retainer all the way in.
3. Pull O-ring of Socket Retainer up into groove Socket.

PINS AND RINGS

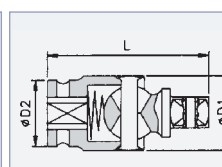
Type	Square-drive	D2 mm
D01014-0-000	1/4"	-
D01038-0-000	3/8"	-
D01012-0-000	1/2"	-
D01034-0-000	3/4"	-
D01100-0-000	1"	54
D01100-0-086	1"	86
D01100-0-095	1"	95
D01112-0-000	1 1/2"	86
D01112-0-095	1 1/2"	95
D01112-0-127	1 1/2"	127
D02112-0-000	2 1/2"	-



DRAWING A



DRAWING C



DRAWING D

IMPACT SOCKETS



ADAPTORS

Adaptors with pin hole

Type	Square-drive	Outside	Drawing	D2 mm	L mm
DO8038-0-012	3/8"	1/2"	E	22	36
DO8012-0-034	1/2"	3/4"	E	30	48
DO8012-0-038	1/2"	3/8"	E	26	38
DO8034-0-012	3/4"	1/2"	E	40	58
DO8034-0-100	3/4"	1"	E	40	63
DO8100-0-034	1"	3/4"	E	52	80
DO8000-0-112	1	1 1/2"	E	52	91
DO8112-0-100	3/4"	1"	E	84	95

Impact adaptors

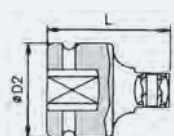
Type	Square-drive	Hex drive	Drawing	L mm	D mm
DO69306050	1/4"	1/4"	G	50	9
DO69306075	1/4"	1/4"	G	75	9
DO69306100	1/4"	1/4"	G	100	9
DO69306150	1/4"	1/4"	G	150	9
DO69316050	1/4"	3/8"	G	50	13
DO69316075	1/4"	3/8"	G	75	13
DO69316100	1/4"	3/8"	G	100	13
DO69318075	7/16"	3/8"	G	75	13
DO69328075	7/16"	1/2"	G	75	17

QUICK-CHANGE ADAPTORS



Quick-Change adaptors

Type	Drive-in	Drive-out	L mm
DO69110C08	1/4"	1/4"	35
DO69111C12	3/8"	3/8"	46
DO69112C12	1/2"	3/8"	54
DO69112C16	1/2"	1/2"	60
DO69114C24	3/4"	3/4"	78
DO69115C24	1"	3/4"	90
DO69115C32	1"	1"	100



DRAWING E



DRAWING G

STUD BOLT SETTERS

Stud bolt setters

Type 3/8"	Size	D2 mm	D1 mm	L mm
DO69781053	M6 x 1,0	22	12,5	50
DO69781060	M8 x 1,25	22	14,5	50
DO69781063	M10 x 1,5	22	17	50
DO69781066	M12 x 1,75	22	19	50

Tapeindzetter

Type 1/2"	Size	D1 mm	D2 mm	L mm
DO69782010	M6 x P1,0	25	13	55
DO69782018	M8 x P1,25	25	15	55
DO69782022	M10 x P1,5	25	17	55
DO69782027	M12 x P1,75	25	19	55
DO69782031	M14 x P2,0	25	22	55
DO69782035	M16 x P2,0	30	27	75



Also available with other pitch.

TAP HOLDING SOCKETS

Tap holding sockets

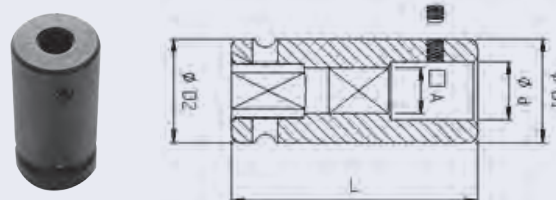
Type 3/8"	□ A mm	Ø d mm	L mm	D1 & D2
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Metric

DO6321B001	3,4	4,5	38	19
DO6321B002	4,9	6,0	38	19
DO6321B003	5,5	7,0	40	19
DO6321B004	6,2	8,0	40	19
DO6321B005	7,0	9,0	43	19
DO6321B006	8,0	10,0	45	19
DO6321B007	9,0	11,0	45	19
DO6321B008	9,0	12,0	45	22
DO6321B009	11,0	14,0	45	22

Type 1/2"	□ A mm	Ø d mm	L mm	D1 & D2
-----------	--------	--------	------	---------

DO6322B001	3,4	4,5	40	22
DO6322B002	4,9	6,0	45	22
DO6322B003	5,5	7,0	45	22
DO6322B004	6,2	8,0	45	22
DO6322B005	7,0	9,0	45	22
DO6322B006	8,0	10,0	45	22
DO6322B007	9,0	11,0	45	22
DO6322B008	9,0	12,0	50	22
DO6322B009	11,0	14,0	52	22



IMPACT SOCKETS SETS

Impact socket set magnetic reducers

DO698800401

4 pcs. magnetic sleeve insert adaptors
Magnetic reducing sleeve 1/4" F x 3/8" M
Magnetic reducing sleeve 3/8" F x 1/2" M
Magnetic reducing sleeve 1/2" F x 3/4" M
Magnetic reducing sleeve 3/4" F x 1" M



The magnetic adaptors make it possible to temporarily use larger impact sockets on smaller machines. The magnet ensures that the adaptor stays connected to the socket. This set is ideal for the toolbox of every service engineer taking care of service and repair of large equipment on location.

Impact socket set

DO0038-0-010

3/8"

10 impact sockets, normal sizes
9-10-11-12-13-14-15-16-17-19 mm



Impact socket set

DO605121301

3/8"

13 impact sockets, 6-point deep,
normal sizes 7-8-9-10-11-12-13-14-15-16-17-18-19 mm



Impact socket set

DO69521093

1/2"

9 Hex Head power sockets
4-5-6-8-10-12-14-17-19 mm



Impact socket set

DO0012-0-000S

1/2"

10 impact sockets, normal sizes
9-10-11-13-14-17-19-22-24-27 mm



Impact Socket Set 1/2" & bits

1/2"

DO691121301

1 pc. 1/2" Square Drive, 7/16" Hex Quick Releasing Chuck.
6 pcs 11 mm-7/16" Hex Internal Torx bits: T30-T40-T45-T50-T55-T60
6 pcs 11 mm - 7/16" Hex Hexagon Driver: 6-8-10-12-14-17 mm



Impact socket set, deep

DO605222601

1/2"

26 impact sockets, 6-point, deep
10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32-33-34-35-36 mm



Impact socket set

DO605202602

1/2"

26 impact sockets, 6-point
10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32-33-34-35-36 mm



Impact socket set, deep

1/2"

DO69523108

10 deep impact sockets
10-11-13-14-17-19-21-22-24-27 mm



Impact socket set

DO652260701

1/2"

7 pcs 1/2" dr., impact triple square driver set
M5-M6-M8-M10-M12-M14-M16



Impact socket set long

DO0100-1-007

1"

7 impact sockets, deep
24-27-30-32-33-36-41 mm



IMPACT SOCKETS SETS

Impact socket set, deep

DO605421001

3/4"



10 impact sockets, 6-Point, deep
21-22-24-27-30-32-33-36-41-46 mm

Wheel nut socket for special Mercedes wheel bolts (1/2x17)

DO6112P017

Includes rotating plastic sleeve and stop for protecting light alloy wheels.

The Special Impact Socket is suitable for Mercedes C-Class / GLK (W204), E-Class (W211, W212, W207), SLK (W172), M-Class (W164, W166), CL-Class (W216), S-Class (W221, W222) and Maybach

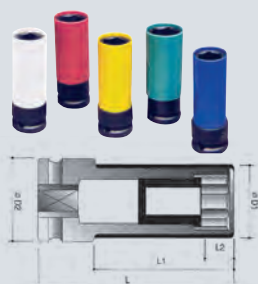


Impact socket set, deep (L=85)

DO611260501

1/2"

5 impact sockets with plastic stop and sleeve
white 15 mm, blue 17 mm, yellow 19 mm, red 21 mm, green 22 mm



Type	A/F mm	D1 mm	D2 mm	D3 mm	L mm	L2 mm
Metric						
DO61126015 (white)	15	22	30	25	85	13
DO61126017 (blue)	17	24	30	27	85	14
DO61126019 (yellow)	19	26	30	29	85	15
DO61126021 (red)	21	28	30	31	85	17
DO61126022 (green)	22	29,5	30	32,5	85	18

For optimum protection of aluminum rims, sockets with plastic stop and sleeve in five different colours for easy identification.

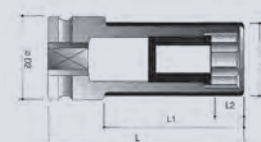
Impact sockets are also available as single sockets.

Impact socket set, extra long (L=85)

DO611260310

1/2"

3 impact sockets with plastic stop and sleeve
blue 17 mm - yellow 19 mm - red 21 mm



Type	A/F mm	D1 mm	D2 mm	L mm	L1 mm	L2 mm
Metric						
DO6112J017 (blue)	17	27	25	130	87	24
DO6112J019 (yellow)	19	29	30	130	87	24
DO6112J021 (red)	21	31	30	130	87	24
DO6112J022 (green)	22	32,5	30	130	87	24

For optimum protection of aluminum rims, sockets with plastic stop and sleeve in four different colours for easy identification.

Impact sockets are also available as single sockets.

Special socket set for wheel lug nut

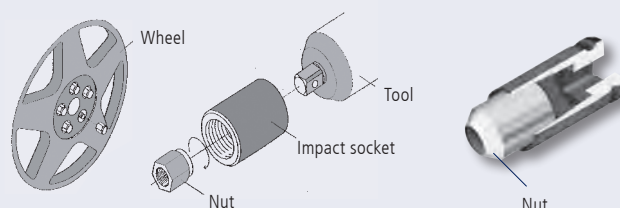
DO0012-0-286

1/2"



7 pcs of lug nut remover sockets,
17 - 18,5 - 20 - 21,5 - 23 - 24,5 - 26 mm

Application of the wheel lock nut remover sockets



For removal of wheel lock nuts when special key is lost or not supplied upon service and for removal of the wheel nut when hexagon is damaged.

RED ROOSTER ASSEMBLY TOOLS

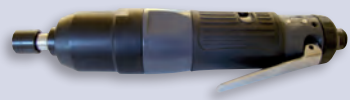
SHUT-OFF & NON SHUT OFF

IMPULSE WRENCHES

The RED ROOSTER Impulse wrenches are handheld tools made for assembly with threaded fasteners. Impulse wrenches have no kick back and increase productivity. Typically meant for use in: Production of agricultural machinery, production of pumps, motors, bikes and any other serial production. Torque level is adjustable in the impulse mechanism.



ANGLE MODEL



STRAIGHT MODEL



PISTOL MODEL

SHUT-OFF SCREWDRIVERS

RRI-SP-SD-SL-SA SERIES

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.



RRI-SA SERIES



RRI-SD & SL SERIES



RRI-SP SERIES

CORDLESS SHUT-OFF IMPULSE WRENCHES

RRI-BIM SERIES

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



RRI-BIM SERIES

CORDLESS SHUT-OFF SCREWDRIVERS AND ANGLE WRENCHES

RRI-BS-BA SERIES

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.



RRI-BA SERIES

RRI-BS SERIES

PROGRAMMER FOR THE RRI BATTERY TOOLS

- One programmer fits all RRI battery 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)

MINI USB



PROGRAMMER



BROCHURE

RED ROOSTER ASSEMBLY TOOLS

For a complete overview of the RED ROOSTER assembly tools ask for the special brochure RED ROOSTER ASSEMBLY TOOLS or visit our website: www.rami-yokota.com

RATCHET WRENCHES



RRW-2202/03



RRW-2403/04



RRW-3403/04



MR-2207C



MR-2310B / MR-2410B



YRW-6 / YRW-8NS



MR-2209C



RRW-121



YRW-10N

Ratchet wrenches 1/4" + 3/8" + 1/2"

Type	Brand	Square-drive	Bolt capacity mm	RPM	Torque Nm	Air cons. l/sec	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise-level dB(A)
RRW-2202	RR	1/4"	8	200	32	5,0	0,5	PT 1/4"	6,5	4,3	85
MR-2207C	TOKU	1/4"	8	250	28	5,0	0,5	PT 1/4"	6,5	2,7	81
RRW-2203	RR	3/8"	10	200	32	5,0	0,5	PT 1/4"	6,5	4,3	85
MR-2209C	TOKU	3/8"	10	250	28	5,0	0,5	PT 1/4"	6,5	2,7	81
RRW-2403	RR	3/8"	12	150	68	6,0	1,2	PT 1/4"	6,5	5,8	85
MR-2310B	TOKU	3/8"	12	175	78	6,0	1,2	PT 1/4"	6,5	3	85
RRW-2404	RR	1/2"	12	150	68	6,0	1,2	PT 1/4"	6,5	5,8	85
MR-2410B	TOKU	1/2"	12	175	78	6,0	1,2	PT 1/4"	6,5	1,3	81
RRW-121	RR	1/2"	12	150	120	8,0	1,9	PT 1/4"	10	2,3	88

Reactionless ratchet wrenches

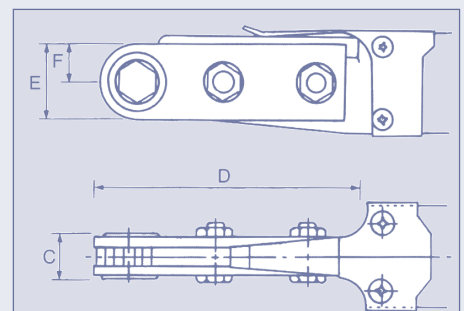
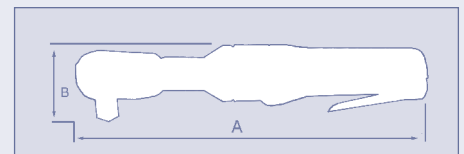
Type	Brand	Square-drive	Bolt capacity mm	RPM	Torque Nm	Air cons. l/sec	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise-level dB(A)
RRW-3403	RR	3/8"	12	500	95	6,0	1,28	PT 1/4"	6,5	4,5	91
RRW-3404	RR	1/2"	12	500	95	6,0	1,28	PT 1/4"	6,5	4,5	91

Ratchet wrenches for the assemblage industry

Type	Brand	Square-drive	Bolt capacity mm	RPM	Torque Nm	Air cons. l/sec	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise-level dB(A)
YRW-6	YOKOTA	8, 9, 10 *	6	200	13	4,6	1,15	PT 1/4"	6,5	2,5	81
YRW-8NS	YOKOTA	10, 12, 13, 14 *	8	250	30	8,3	2,00	PT 1/4"	10	2,5	82
YRW-10N	YOKOTA	14, 17 *	10	140	45	11,6	2,65	PT 1/4"	10	2,5	84

* Socket size in mm (Please state socket size in your order).

DIMENSIONS	Typ	A mm	B mm	C mm	D mm	E mm	F mm
	MR-2207C	165	33	-	-	-	-
	MR-2209C	165	33	-	-	-	-
	MR-2310B	255	44	-	-	-	-
	MR-2410B	255	50	-	-	-	-
	RRW-121	357	57	-	-	-	-
	RRW-2202	180	32	-	-	-	-
	RRW-2203	180	32	-	-	-	-
	RRW-2403	250	40	-	-	-	-
	RRW-2404	250	45	-	-	-	-
	RRW-3403	280	40	-	-	-	-
	RRW-3404	280	45	-	-	-	-
	YRW-6	320	13	13	88	20	10
	YRW-8NS	350	18	13	105	25	12,5
	YRW-10N	388	18	18	108	33	16,5



SCREWDRIVERS

Hammermechanism & Direct drive



YD-600SZ



YD-3A / YD-4A / YD-5A



MID-600



YD-40PZ



YD-670A-RF 3/8



YD-670A-RF



RR-0800DD



RR-1800DD

1-Hammer

Type	Brand	Hex drive	Bolt capacity mm	Model	RPM	Torque Nm	Air-cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
YD-3A ¹⁾	YOKOTA	1/4" Hex	4	Straight	12.000	7,5	1,6	0,50	PT 1/8"	6,5	2,3	82
YD-4A ¹⁾	YOKOTA	1/4" Hex	5	Straight	11.000	12	2,3	0,60	PT 1/8"	6,5	2	90
YD-5A ¹⁾	YOKOTA	1/4" Hex	6	Straight	10.000	15,5	3,2	0,85	PT 1/8"	6,5	2,5	90

2-Hammer

Type	Brand	Hex drive	Bolt capacity mm	Model	RPM	Torque Nm	Air-cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
MID-600 ²⁾	TOKU	1/4" Hex	3-5	Pistol	9.500	90	5,0	0,9	PT 1/4"	6,5	3,6	82
YD-40PZ	YOKOTA	1/4" Hex	4	Pistol	14.000	15	1,6	0,52	PT 1/4"	6,5	4	80
YD-600SZ ²⁾	YOKOTA	1/4" Hex	6	Straight	7.500	37	5,0	0,95	PT 1/4"	6,5	1,6	77
YD-670A-RF 3/8 ³⁾	YOKOTA	3/8" Hex	6	Pistol	7.500	90	6,1	0,98	PT 1/4"	6,5	1,5	75
YD-670A-RF ³⁾	YOKOTA	1/4" Hex	6	Pistol	7.500	90	6,1	0,98	PT 1/4"	6,5	1,5	75

Direct drive

Type	Brand	Hex drive	Bolt capacity mm	Model	RPM	Torque Nm	Air-cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
RR-0800DD	RR	1/4" Hex	6	Pistol	800	10,5	9,8	1,0	PT 1/4"	10	3,5	83
RR-1800DD	RR	1/4" Hex	6	Pistol	1.800	7,5	9,8	1,0	PT 1/4"	10	3,5	83

¹⁾ Supplied with regulator / ²⁾ Air supply with 4 step button / ³⁾ Supplied with rubber protection cover

SELECTION GUIDE

What to choose

Type	Machine screw 4.8	Machine screw 8.8	Self tapping screw-M	Self tapping screw-ST	Self tapping screw-ST, for plastic	Self-drilling/ Self-tapping Screw-S	Wood screw
Impact							
Direct drive							
Clutchtype mechanism							
Shut-off mechanism							

recommended OK not OK

Impact sockets for screwdrivers see pag. 11

SCREWDRIVERS

Clutch type mechanism (adjustable)



YD-400SCA



RR-02SC



RR-06SC



YD-5PHCA



RR-02SP



RR-06SP

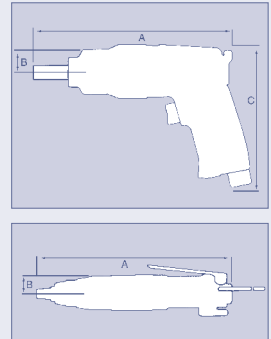
Type	Brand	Square hex drive	Bolt capacity mm	Model	RPM	Torque Nm	Air-cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise-level dB(A)
YD-400SCA	YOKOTA	1/4" Hex	4	Straight	1.700	1 - 3,2	2,5	0,56	PT 1/8"	6,5	4	77
RR-02SC	RR	1/4" Hex	5	Straight	1.800	1 - 6	10,0	1,2	PT 1/4"	10	1,6	85
RR-06SC	RR	1/4" Hex	6	Straight	800	5 - 16	10,0	1,4	PT 1/4"	10	1,6	85
YD-5PHCA	YOKOTA	1/4" Hex	5	Pistol	1.650	1 - 6,6	5,8	1,2	PT 1/4"	6,5	2	77
RR-02SP	RR	1/4" Hex	5	Pistol	1.800	1 - 6	10,0	1,3	PT 1/4"	10	1,6	85
RR-06SP	RR	1/4" Hex	6	Pistol	800	5 - 16	10,0	1,4	PT 1/4"	10	3,5	83

DIMENSIONS

Type	A mm	B mm	C mm
YD-3A	168	13,5	-
YD-4A	180	16	-
YD-5A	200	19	-
YD-5PHCA	217	20	154
YD-40PZ	107	18	125
YD-400SCA	209	16,5	-
YD-600SZ	206	23	-
YD-670A-RF	149	22	167

All screwdrivers adapt 1/4" standard type hexagon insert bits and are reversible..

Type	A mm	B mm	C mm
MID-600	149	22	161
RR-02SP / RR-06SP	214	21	155
RR-06SC	227	21	-
RR-02SC	260	21	-
RR-0800DD	190	21	165
RR-1800DD	175	21	165



CONTROL

1-Hammer

YD-3A	Push start
YD-4A	Push start
YD-5A	Push start

2-Hammer

MID-600	Trigger start
YD-40PZ	2-step trigger
YD-600SZ	Lever start
YD-670A-RF	2-step trigger

Direct drive

RR-0800DD	Trigger start
RR-1800DD	Trigger start

Slip clutch (adjustable)

YD-400SCA	Push start
YD-5PHCA	2-step trigger
RR-02SP/RR-06SP	Trigger start
RR-02SC/RR-06SC	Lever start

ACCESSORIES

Side handles

Type		Order number
RR-06SP	*	75-725139-0001S +822340

* Supplied as standard

Hose set noise suppressor

Type	Order number
RR-0800DD RR-1800DD RR-02SP RR-06SP	EH-701SUB

Torque springs

Automotive models RR-02SP/SC and RR-06SP/SC are supplied with 2 torque springs.

Screw spanner

The YD-400SCA and YD-5PHCA are supplied with screw spanner 2201-0243-00-00.

Spring balancers

The performance of the tool will be increased by good balance and reduced operator fatigue, when using a spring balancer (see page 69).

SHUT-OFF SCREWDRIVERS

RRI-screwdrivers for the assembly industry

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 screwdriver can be connected by 4 mm O.D. tube to a YTC-3 controller for batch counting. These new RED ROOSTER screw drivers may be used with "oil free" air. In case of "oil free" air, it speaks for itself that the air quality (dry, clean) is of significant importance for the lifetime of the air motor. To achieve the optimal lifetime and performance of the air motor it is advised to lubricate the air (RED ROOSTER Atlub oil).

CHARACTERISTICS:

- Large torque range
- Highly accurate
- Very low noise and vibration level
- New pistol design in composite
- Soft & ergonomic grip
- Reversible
- Rear-exhaust, silenced
- Easily adjustable
- Hanger included



Pistol model



Angle model



Straight model

Pistol models

Type	Brand	Hex drive	Bolt capacity mm	RPM	Torque range 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	1,5 - 4	10	0,98	1/4"	6,5	<2,5	72
RRI-SP20705	RRI	1/4" Hex	4	700	1,5 - 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

Angle models

Type	Brand	Hex drive	Bolt capacity mm	RPM	Torque range 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	1,5 - 4	10	1,02	1/4"	6,5	<2,5	72
RRI-SA20705	RRI	1/4" Hex	4	700	1,5 - 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

SHUT-OFF SCREWDRIVERS

Straight models

Shut-Off screwdrivers Push start type (not for connection to YTC-3 controller)

Type	Brand	Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
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	1,5 - 4	10	0,77	1/4"	6,5	<2,5	72
RRI-SD20705	RRI	1/4" Hex	4	700	1,5 - 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

Type	Brand	Hex drive	Bolt capacity mm	RPM	Torque range Nm	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
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	1,0 - 3,5	10	0,84	1/4"	6,5	<2,5	72
RRI-SL21104	RRI	1/4" Hex	4	1.100	1,5 - 4	10	0,84	1/4"	6,5	<2,5	72
RRI-SL20705	RRI	1/4" Hex	4	700	1,5 - 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

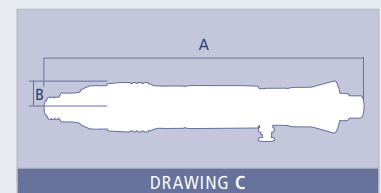
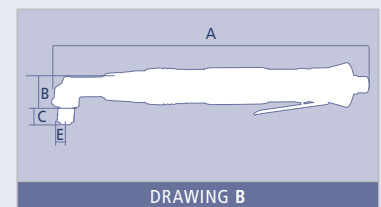
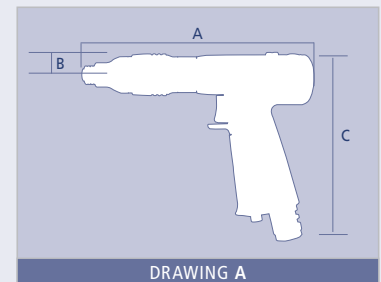
DIMENSIONS

TYPE (DRAWING A)	A mm	B mm	C mm
RRI-SP11602	198	16	157
RRI-SP10902	198	16	157
RRI-SP21704	209	18	157
RRI-SP21104	209	18	157
RRI-SP20705	209	18	157
RRI-SP31706	238	18	156
RRI-SP31108	238	18	157
RRI-SP30710	238	18	157
RRI-SP30511	238	18	157

TYPE (DRAWING B)	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

TYPE (DRAWING C)	A mm	B mm
RRI-SD11602	228	16
RRI-SD10902	228	16
RRI-SD21704	244	18
RRI-SD21104	244	18
RRI-SD20705	244	18
RRI-SD31706	276	18
RRI-SD31108	276	18
RRI-SD30710	276	18
RRI-SD30511	276	18

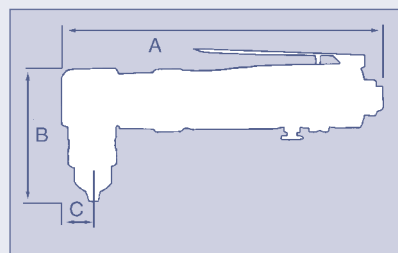
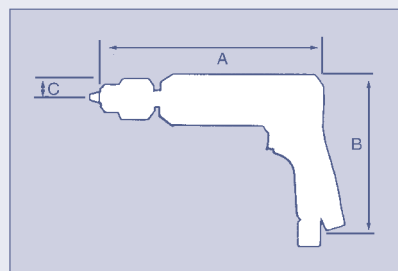
TYPE (DRAWING C)	A mm	B mm
RRI-SL11602	244	16
RRI-SL10902	244	16
RRI-SL21704	263	18
RRI-SL21104	263	18
RRI-SL20705	263	18
RRI-SL31706	263	18
RRI-SL31108	309	18
RRI-SL30710	309	18
RRI-SL30511	309	18



DRILLS

DIMENSIONS

Type	A mm	B mm	C mm
RR-10DP	185	165	-
RR-13DP	218	165	-
10RDS-2500	250	-	22
10RDS-4000	250	-	25
MD-3312B	205	93	20
RRI-2006	192	138	14
RRI-2206/28	128	116	14
RRI-2206/40	128	116	14
RRI-2116P	270	168	28
YRD-6NBK	151	140	21
YRD-8NBK	176	150	25
YRD-10NBK	209	150	25
YRD-13NBK	218	145	25



ACCESSORIES

Drill chucks

Type		Order number
MD-3312B	*	10MM-3/8 x 24NF
RRI-2206/28	*	6MM-3/8 x 24NF
RRI-2206/40	*	6MM-3/8 x 24NF
RRI-2006	*	6MM-3/8 x 24NF
RRI-2116P	*	BHP-16 1/2 x 20NF
10RDS-4000	*	10MM-3/8 x 24NF

* Supplied as standard

Quickchange drill chucks

Type		Order number
RR-10DP	*	10035-14
10RDS-2500	*	10035-14
YRD-6NBK	*	BHS-10MM
YRD-8NBK	*	BHS-10MM
YRD-10NBK	*	BHS-13MM
YRD-13NBK	*	BHS-13MM
RR-13DP	*	10033-14

* Supplied as standard



Hose set noise suppressor

Type	Order number
RR-10DP	EH-701SUB
RR-13DP	

Side handles

Type		Order number
RR-13DP	*	822340 + 75-725139-0001S
RRI-2116P	*	2116-061-99
YRD-13NBK		SM-71239 & SM-71240

* Supplied as standard

Keys for drill chucks

Type		Order number
MD-3312B	*	90180
RRI-2116P	*	90200
RRI-2206/28	*	90160
RRI-2206/40	*	90160

* Supplied as standard

DRILLS



RRI-2006



RRI-2206/28



RRI-2206/40



YRD-6NBK



YRD-8NBK



RR-10DP



YRD-10NBK



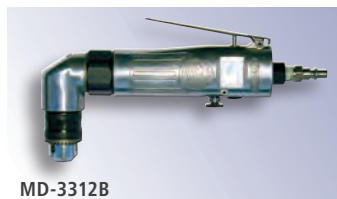
YRD-13NBK



RR-13DP



RRI-2116P



MD-3312B



10RDS-2500



10RDS-4000

Pistol models

Type	Brand	Capacity steel mm	Spindle size	Rotation direction	RPM	Power kW	Air cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-2006	RRI	6,5	3/8" x 24 UNF	R	5.000	0,21	10,8	0,65	PT 1/4"	10	3	79
RRI-2206/28	RRI	6,5	3/8" x 24 UNF	R	2.800	0,26	7,6	0,60	PT 1/4"	10	0,4	84
RRI-2206/40	RRI	6,5	3/8" x 24 UNF	R	4.000	0,26	7,6	0,60	PT 1/4"	10	0,6	86
YRD-6NBK	YOKOTA	6-8	3/8" x 24 UNF	R	2.800	0,33	8,3	0,90	PT 1/4"	10	3	76
YRD-8NBK	YOKOTA	8-10	3/8" x 24 UNF	R	1.900	0,38	10	1,30	PT 1/4"	10	3	75
RR-10DP ¹⁾	RR	10	3/8" x 24 UNF	L/R	1.800	0,35	8	1,1	PT 1/4"	10	4	83
YRD-10NBK	YOKOTA	10-13	1/2" x 20 UNF	R	1.000	0,44	10	1,50	PT 1/4"	10	1,3	80
YRD-13NBK	YOKOTA	13	1/2" x 20 UNF	R	700	0,50	13,3	1,6	PT 1/4"	10	0,8	79
RR-13DP ¹⁾	RR	13	3/8" x 24 UNF	L/R	800	0,35	8	1,3	PT 1/4"	10	4	83
RRI-2116P ²⁾	RRI	16	1/2" x 20 UNF	R	950 ³⁾	0,50	11	2,4	PT 1/4"	10	1,8	82

¹⁾ Supplied with hose set noise suppressor / ²⁾ Gears with needle bearings / ³⁾ Min. 650 p/min - Max. 950 p/min

Angle model

Type	Brand	Capacity steel mm	Spindle size	Rotation direction	RPM	Power kW	Air cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
MD-3312B	TOKU	10	3/8" x 24 UNF	L/R	1.900	0,38	6	0,91	PT 1/4"	6,5	2,3	77

Straight model

Type	Brand	Capacity steel mm	Spindle size	Rotation direction	RPM	Power kW	Air cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
10RDS-2500	RR	10	3/8" x 24 UNF	R	2.500	0,37	3,5	1,1	PT 1/4"	6,5	0,4	79
10RDS-4000	RR	10	3/8" x 24 UNF	R	4.000	0,37	3,5	1,1	PT 1/4"	6,5	0,4	79

GRINDERS

Angle models



RRG-2090



RRI-3506



MG-7236B

Type	Brand	Wheel size mm	RPM	Power kW	Collet chuck mm	Air-cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRG-2090	RR	35	20.000	0,23	6	4,0	0,56	PT 1/4"	6,5	2,4	84
RRI-3506	RRI	40	18.000	0,22	6	4,9	0,55	PT 1/4"	6,5	1	80
MG-7236B	TOKU	40	20.000	0,20	6	5,0	0,45	PT 1/4"	6,5	2	85

Air turbine grinders



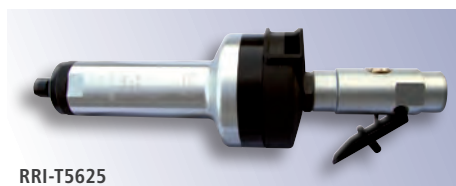
RRI-T1565 / RRI-T1550 / RRI-T1135



RRI-T3340



RRI-T4065 / RRI-T3750 / RRI-T3335



RRI-T5625

These RED ROOSTER Air turbine grinders with high RPM are specifically designed for grinding with carbide cutters,

The Turbine motor ensures a very steady speed of the axle, with and without load.

Type	Brand	Wheel size mm	RPM	Power kW	Collet chuck mm	Air-cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-T1565	RRI	9	65.000	0,15	3	3,7	0,135	PT 1/4"	6,5	<2,5	75
RRI-T4065	RRI	9	65.000	0,4	3	5,6	0,2	PT 1/4"	6,5	<2,5	75
RRI-T1550	RRI	20	50.000	0,15	3	3,7	0,135	PT 1/4"	6,5	<2,5	75
RRI-T3750	RRI	20	50.000	0,37	3	5,6	0,2	PT 1/4"	6,5	<2,5	75
RRI-T3340	RRI	20	40.000	0,33	6	5,6	0,4	PT 1/4"	6,5	<2,5	75
RRI-T1135	RRI	20	35.000	0,11	3	3,7	0,135	PT 1/4"	6,5	<2,5	75
RRI-T3335	RRI	20	35.000	0,33	3	5,6	0,2	PT 1/4"	6,5	<2,5	75
RRI-T5625	RRI	35	25.000	0,56	6	5,6	1	PT 1/4"	6,5	<2,5	75

Die grinder set



RRI-3007 / RRI-3006



MG-7206BSET



RRG-200RE/SET

Type	Brand	Wheel size mm	RPM	Power kW	Collet chuck mm	Air-cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-3007	RRI	9	70.000	0,08	3	1,6	0,35	PT 1/4"	6,5	1,2	77
RRI-3006	RRI	12	58.000	0,10	3	1,6	0,35	PT 1/4"	6,5	0,8	80

GRINDERS

Die grinders



RRI-34100



RRI-3445



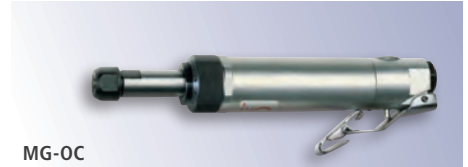
MG-OA



RRI-3430



MG-7206B



MG-OC



RRG-200RE / RRG-500RE



RRG-200REL / RRG-500REL



RRG-1000RE



RRG-1000REL



RRI-3425



RRI-3425L / RRI-3425EL



MG-1B



RRI-3407



RRG-202T

Type	Brand	Wheel size mm	RPM	Power kW	Collet chuck mm	Air-cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-34100	RRI	6	100.000	0,09	3	3,3	0,20	PT 1/4"	6,5	<2,5	73
RRI-3445	RRI	20	45.000	0,30	3 / 6	7,5	0,40	PT 1/4"	10	2,4	79
MG-OA	YOKOTA	20	25.000	0,30	6	6,2	0,45	PT 1/4"	6,5	5	78
RRI-3430	RRI	20	30.000	0,23	3 / 6	7,5	0,40	PT 1/4"	10	2,2	81
MG-7206B	TOKU	25	23.000	0,38	6	5	0,56	PT 1/4"	6,5	2,3	81
MG-OC	YOKOTA	25	33.000	0,13	6	3	0,39	PT 1/4"	6,5	3	78
RRG-200RE	RR	35	25.000	0,25	6	4	0,56	PT 1/4"	6,5	2,5	83
RRG-200REL	RR	35	25.000	0,25	6	4	0,86	PT 1/4"	6,5	1,5	83
RRG-500RE	RR	35	20.000	0,37	6	4,6	0,7	PT 1/4"	6,5	1,68	79
RRG-500REL	RR	35	20.000	0,37	6	4,6	1,4	PT 1/4"	6,5	1,68	79
RRG-1000RE	RR	35	22.000	0,74	6 (8) ²⁾	11	0,8	PT 1/4"	10	2,9	89
RRG-1000REL	RR	35	22.000	0,74	6 (8) ²⁾	11	1,2	PT 1/4"	10	2,9	89
RRI-3425	RRI	35	25.000	0,50	3 / 6	12,3	0,8	PT 1/4"	10	2	80,2
RRI-3425L	RRI	35	20.000	0,50	3 / 6	12,3	0,8	PT 1/4"	10	2,5	80,2
RRI-3425EL	RRI	35	20.000	0,50	3 / 6	12,3	0,95	PT 1/4"	10	2,5	80,6
MG-1B	TOKU	45	18.000	0,28	6	8	0,55	PT 1/4"	10	1,3	77
RRI-3407	RRI	35	7.000	0,70	6 (8) ³⁾	4	1,15	PT 1/4"	6,5	<2,5	84
RRG-202T ¹⁾	RR	80	2.500	0,30	7/16" 6K	4	1,1	PT 1/4"	6,5	2	84

¹⁾ Tire buffer / ²⁾ 8 mm collet chuck also available: 50-500228-18 / ³⁾ 8 mm collet chuck also available: 315073

Shaftlength: RRG-200REL: 116 mm / RRG-500REL: 180 mm / RRI-3425: 30 mm / RRI-3425L: 130 mm / RRI-3425EL: 215 mm

Note: MG-7206B and RRG-200RE are also available in set (including assortment abrasives).

Collet chucks for die grinders are supplied with the tool.

For collet chuck's ans nuts see p. 36.

GRINDERS

Straight models



GS-2EFS



TSG-3L



TSG-4L



TSG-5L



TSG-6L

Type	Brand	Wheel size mm	RPM	Power kW	Spindle	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
GS-2EFS	YOKOTA	65 x 13 x 9,5	14.000	0,45	3/8" x 16	10,0	1,3	PT 1/4"	10	3	84
TSG-3L	TOKU	75 x 13 x 9,5	11.500	0,53	3/8"	8,3	1,6	PT 3/8"	10	0,8	73
TSG-4L	TOKU	100 x 19 x 15,9	9.000	1,05	5/8"	16,6	3	PT 3/8"	13	1,1	83
TSG-5L	TOKU	125 x 19 x 15,9	7.600	1,05	5/8"	16,6	3	PT 3/8"	13	1,5	79
TSG-6L	TOKU	150 x 25 x 15,9	6.000	1,58	5/8"	20,0	4,2	PT 3/8"	13	0,8	80

Vertical grinders



7VC-6500FS / 7VC-8500FS

Type	Brand	Wheel size mm	RPM	Power kW	Spindle	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
7VC-6500FS*	YOKOTA	230 x 6 x 22	6.500	1,74	5/8"	23,0	4,2	PT 3/8"	13	3	82
7VC-8500FS*	YOKOTA	180 x 6 x 22	8.500	1,74	5/8"	23,0	4,1	PT 3/8"	13	2,1	83

* Vibration reduced

All vertical and straight grinders have a governor wheel for regulating the right speed of the grinding wheel. This reduces the risk of overspeeding and assures the best material removal.

Both YOKOTA and TOKU straight grinders have double rows of bearings for long lifetime.

GRINDERS

Angle models



Type	Brand	Wheel size mm	RPM	Power kW	Spindel (Whitworth)	Air cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s ²	Noise level dB(A)
RRG-1040AL	RR	100 x 1 x 9,6	14.000	0,76	M6	11	1,7	PT 1/4"	10	2,5	83
G-40SRF	YOKOTA	100 x 6 x 16	13.000	0,39	M8 x 1,25	7,5	0,90	PT 1/4"	10	6,6	79
RRG-2034*	RR	100 x 6 x 16	12.000	0,45	M10	11	1,55	PT 1/4"	10	2,3	83
TAG-40FLH*	TOKU	100 x 6 x 16	13.000	0,55	M8	10,8	1,70	PT 3/8"	10	2,6	83
RRG-2044*	RR	115 x 6 x 22	12.000	0,45	M14x2	11	1,60	PT 1/4"	10	2,4	83
G-40EF*	YOKOTA	115 x 6 x 22	13.000	0,60	7/16"	10,8	1,40	PT 1/4"	10	6,6	79
TAG-45MLH*	TOKU	115 x 6 x 22	13.000	0,67	M14x2	10,8	1,80	PT 3/8"	10	2,7	83
RRG-2055*	RR	125 x 6 x 22	12.000	0,45	M14x2	11,0	1,60	PT 1/4"	10	2,4	83
G-50EF*	YOKOTA	125 x 6 x 22	12.000	0,60	7/16"	10,8	1,50	PT 1/4"	10	4	77
G-50RF*	YOKOTA	125 x 6 x 22	12.000	0,60	7/16"	10,8	1,40	PT 1/4"	10	4	77
TAG-50MLH*	TOKU	125 x 6 x 22	12.000	0,67	M14x2	10,8	1,80	PT 3/8"	10	2,7	83
RRI-G50*	RRI	125 x 6 x 22	12.000	1,25	M14x2	22	1,8	PT 1/4"	13	<2,5	83
RRI-G70*	RRI	180 x (3-8) x 22	8.500	2	M14x2	33	4,1	PT 3/8"	16	2,4	83
G-70EF*	YOKOTA	180 x 6 x 22	8.500	1,12	5/8"	16,7	2,90	PT 3/8"	13	2,3	82
TAG-700QJL*	TOKU	180 x 6 x 22	8.500	1,10	-	16,6	3,10	PT 3/8"	13	2,6	82
TAG-900QJL*	TOKU	230 x 6 x 22	6.500	1,10	-	16,6	3,10	PT 3/8"	13	3,6	82

* Vibration reduced



Vibration reduced

The transfer of vibration to the user is greatly limited by the solid performance of the rubber handle.

All angle grinders (with exception of the RRG-1040AL) are supplied with regulator for optimal safety and the correct RPM for best material removal.

Flanges for cup wheels and a tool service set for mounting the flanges are supplied with all grinders. Flanges for flat, thin discs for mounting on the YOKOTA grinders are optional.

RRG-2034, RRR-2044 and RRG-2055 are supplied with flanges for wheel thickness of 0,8 - 6 mm.

All angle grinders are supplied with an vibration reduced side handle, with exception of the RRG-1040AL & G-40SRF.

TAG-45MLH and TAG-50MLH are supplied with flanges for wheel thickness of 1,6 - 6 mm and have a spindle lock for increased ease of changing the wheel.

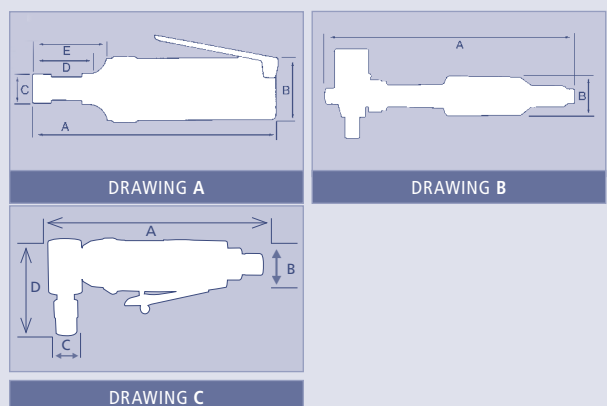
GRINDERS

DIMENSIONS

Type	A mm	B mm	C mm	D mm	E mm	Drawing
MG-OA	170	29	15	55	62	A
MG-OC	197	33	20	50	56	A
MG-1B	162	43	19	46	48	A
MG-7206B	164	40	-	-	-	A
RRG-200RE	162	40	18	30	34	A
RRG-200REL	258	40	18	116	135	A
RRG-202T	233	44	31	52	92	A
RRG-500RE	190	45	22	30	-	A
RRG-500REL	350	45	22	180	190	A
RRG-1000RE	200	46	21	41	50	A
RRG-1000REL	330	46	21	171	50	A
RRI-3006	151	16	10	-	-	A
RRI-3007	151	16	10	-	-	A
RRI-3407	280	45	28	38	80	A
RRI-3425	215	40	12	30	43	A
RRI-3425L	310	40	12	130	130	A
RRI-3425EL	390	40	12	215	215	A
RRI-3430	190	34	14	16	22	A
RRI-3445	190	34	14	16	22	A
RRI-34100	140	29	10	15	21	A

GS-2EFS	350	51	-	-	-	B
TSG-3L	365	51	-	-	-	B
TSG-4L	460	65	-	-	-	B
TSG-5L	460	65	-	-	-	B
TSG-6L	490	80	-	-	-	B

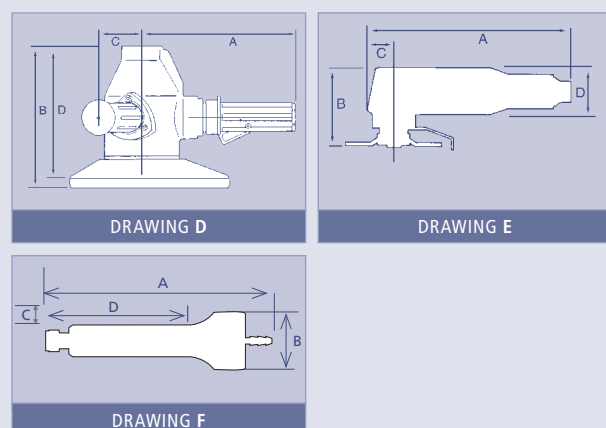
RRG-2090	167	75	-	42	-	C
RRI-3506	150	80	-	40	-	C
MG-7236B	124	72	-	32	-	C



Type	A mm	B mm	C mm	D mm	E mm	Drawing
7VC-6500FS	195	180	180	160	-	D
7VC-8500FS	195	180	180	165	-	D

G-40EF	299	88	29	50	-	E
G-40SRF	196	65	25	40	-	E
G-50EF	299	88	29	50	-	E
G-50RF	200	88	29	50	-	E
G-70EF	341	107	37	60	-	E
RRG-1040AL	377	42	22	45	-	E
RRG-2034	215	95	25	50	-	E
RRG-2044	215	95	25	50	-	E
RRG-2055	215	95	25	50	-	E
RRI-G50	255	55	32	45	-	E
RRI-G70	351	110	45	-	-	E
TAG-40FLH	267	85	33	50	-	E
TAG-45MLH	267	85	33	50	-	E
TAG-50MLH	267	85	33	50	-	E
TAG-700 QJL	307	103	36	62	-	E
TAG-900 QJL	307	103	36	62	-	E

RRI-T1565	156	31	13	120	-	F
RRI-T4065	172	43	13	134	-	F
RRI-T1550	156	31	13	120	-	F
RRI-T3750	172	43	13	134	-	F
RRI-T3340	196	43	15,5	145	-	F
RRI-T1135	156	31	13	120	-	F
RRI-T3335	172	43	13	134	-	F
RRI-T5625	295	67	15,5	150	-	F



All angle grinders are equipped with flanges to adapt flat and depressed grinding wheels.

Rubber pads



Type	Bestelnummer	Omschrijving
TAG-45MLH TAG-50MLH	9310-3008-00-00	Disc 100 x 22 mm Paper 115 x 22 mm
G-40EF/RF	9310-3003-00-00	* Disc 110 x 16 mm Paper 115 x 22 mm
G-50EF/RF	9310-3004-00-00	* Disc 120 x 16 mm Paper 125 x 22 mm
G-70EF 7VC-6500FS 7VC-8500FS	9310-3006-00-00	* Disc 175 x 22 mm Paper 180 x 22 mm

* These products are supplied in sets with rubber pads and flanges.

Accessories for rubber pads

Type	Order number	Description
G-40EF/RF G-50EF/RF	1120-0658-00-0	* Outer flange
G-40RF/EF G-50RF/EF	1120-0655-00-01	* Outer wheel screw
G-70EF 7VC-6500FS 7VC-8500FS	1508-0653-01-02	* Innenflansch
G-70EF 7VC-6500FS 7VC-8500FS	1508-0654-05-05	Inner flange

* These products are supplied in sets with rubber pads and flanges.

Standard flanges and outer wheel screws



Type	Order number	Description
G-40EF/RF	9310-3003-00-99	Disc 110 x 16 mm Paper 115 x 22 mm
G-50EF/RF	9310-3004-00-99	Disc 120 x 16 mm Paper 125 x 22 mm
G-70EF 7VC-6500FS 7VC-8500FS	9310-3006-00-99	Disc 175 x 22 mm Paper 180 x 22 mm
RRI-G-70	G70-0531-99	Disc 175 x 22 mm Paper 180 x 22 mm

Accessories for flat cut-off discs



Type	Order number	Description
G-70EF 7VC-6500FS 7VC-8500FS	1508-0653-00-03	Inner flange
G-70EF 7VC-6500FS 7VC-8500FS	1508-0654-00-02	Outer flange

Standard flanges and outer wheel screws



Type	Order number	Description
TAG-40FLH	42-05-77-171 13-17-08-020	* Outer flange * Outer wheel screw
TAG-45MLH TAG-50MLH	42-05-80-H00	* Outer flange *
TAG-700 QJL TAG-900 QJL	2700-040-00 2700-041-00	* Outer flange * Outer wheel screw
G-40SRF	1105-0654-02-02 1105-0656-02-00	* Outer flange * Outer wheel screw
G-70EF 7VC-6500/8500	1422-0653-00-99 1508-0654-00-01 1508-0655-00-00	* Inner flange * Outer flange * Outer wheel screw
RRG-2034	61938A 61938A	Inner flange Outer flange
RRG-2044 RRG-2055	5D-619239 5D-619240	* Inner flange * Outer flange

* Supplied as standard

Accessories for cup stones / cup brushes



Type	Order number	Description
7VC-6500FS 7VC-8500FS	1508-0653-01-02	Inner flange
7VC-6500FS 7VC-8500FS	8100-4003-00-01	Angle spanner
7VC-6500FS 7VC-8500FS	8100-1005-00-00	Pin spanner
7VC-6500FS 7VC-8500FS	8100-5001-00-00	Double key spanner

Accessories for grinding wheels



Type	Order number	Description
G-40/G-50 EF/RF	1117-0653-00-01	Inner flange 16 mm
G-40/G-50 EF/RF	1117-0654-00-01	Outer flange 16 mm
G-40/G-50 EF/RF	1117-0653-00-02	* Inner flange 22 mm
G-40/G-50 EF/RF	1117-0654-00-02	* Outer flange 22 mm
G-40/G-50 EF/RF	1126-0655-00-00	* Outer wheel screw for 22 mm flange

* Supplied as standard

Collet chucks



Type	Order number		Description
MG-OA	1013-0661-01-99	*	6 mm
MG-OC	1011-0661-00-00	*	6 mm
MG-1B	42-04-90-K10	*	6 mm
MG-7206B	NVK-A10	-	3 mm
	T5-07-10-270	*	6 mm
	T5-07-10-27A	-	1/4"
MG-7236B	3003-035-00	*	6 mm
GS-2EFS/TSG-3L	1104-0661-01-99	-	6 mm
RRG-200RE(L)	51224	*	6 mm
RRG-500RE(L)	51224	*	6 mm
RRG-1000RE(L)	50-500228	*	6 mm
RRG-1000RE(L)	50-500228-18	-	8 mm
RRI-3407	315018	*	6 mm
	315073	-	8 mm

* Supplied as standard

Tools for mounting grinding wheels



Type	Order number		Description
HS-4	8081-0021-00-00	*	Spanner H36
HS-4	8100-2001-00-00	*	Forked wrench
G-40 / G-50	8100-1003-00-00	*	Bar wrench
G-40 / G-50	8100-2001-00-00	*	Forked wrench
G-40 / G-50	8100-3001-00-00	*	L-wrench
G-70EF 7VC6500FS 7VC8500FS	8100-5002-00-00	*	Twin wrench
G-70EF 7VC6500FS 7VC8500FS	8081-0020-00-00	*	Spanner H32
TAG-40FLH	13-40-01-006	*	Hex wrench 6 mm
TAG-40FLH	42-05-71-G90	*	Wheel ring washer
TAG-40FLH TAG-45MLH TAG-50MLH	13-40-04-014	*	Combi spanner 14 x 19
TAG-45MLH TAG-50MLH	13-08-02-147	*	Socket bar
TAG-700QJL TAG-900QJL	8081-0022-00-00	*	Spanner H41
TAG-40FLH TAG-45MLH TAG-50MLH TAG-700QJL TAG-900QJL	9610-1010-00-00	*	Hex wrench H10
RRI-G50 RRI-G70	G50-900-99	*	Forked wrench

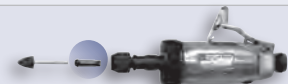
* Supplied as standard

M14x2 Quick nut

Type	Order number
RRG-2044	QN-M14
RRG-2055	
RRI-G50	
RRI-GT50	
TAG-45MLH	
TAG-50MLH	



Adapters



Type	Order number	Description
MG-OA MG-OC MG-1B MG-7206B MG-7236B RRI-3425(L/EL) RRG-500RE(L) RRG-200RE(L) RRG-2090 RRI-3506 RRI-T3340 RRI-T5625 RRI-3407	1001-0659-00-01	3 mm for 6 mm collet chuck

Exhaust hose/silencer kit

Type	Order number
RRG-2034 RRG-2044 RRG-2055	5D-619249



Hook & Loop pads for sanders

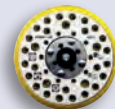


Type	Order number	Description
RRI-5125-2NV RRI-5125-5NV	65-613342*	Multi hole pad 125 mm
RRI-5125-2CV RRI-5125-5CV RRI-5125-2SV RRI-5125-5SV	65-6133C42* OPTIONELL 50LVJOSY-P	Multi hole pad 125 mm Pad 125 mm, multi hole
RRI-6150-2NV RRI-6150-5NV RRI-T6250-5NV	610227V-61*	Multi hole pad 150 mm
RRI-6150-2CV RRI-6150-5CV RRI-6150-2SV RRI-6150-5SV RRI-T6250-5CV	66-613A43	Multi hole pad 125 mm 15 holes

* Supplied as standard



Order number:
66-613A43
150 mm
Multi hole



Order number:
50LVJOSY-P
150 mm
Multi hole

SANDERS



HS-4



MS-4125B



RRI-5125-2SV
RRI-5125-5SV
RRI-6150-2SV
RRI-6150-5SV



RRI-5125-2CV RRI-6150-2CV
RRI-5125-5CV RRI-6150-5CV



RRI-5125-2NV RRI-6150-2NV
RRI-5125-5NV RRI-6150-5NV



RRI-T6250-5NV
RRI-T6250-5CV



RRB-280

Sanders

Type	Brand	Pad size mm	Stroke mm	RPM	Power kW	Spindle	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
HS-4	YOKOTA	127 x 22	-	12.000	0,5	7/16" x 20	9,2	1,1	PT 1/4"	10	2	79
MS-4125B	TOKU	125 x 22	-	20.000	0,5	7/16" UNF	8,3	1,0	PT 1/4"	10	2,3	90

Palm orbital sanders

Type	Brand	Pad size mm	Stroke mm	RPM	Power kW	Spindle	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-5125-2NV ¹⁾	RRI	125	2,5	12.000	0,3	5/16" UNF	4,9	0,6	PT 1/4"	6,5	<2,5	73
RRI-5125-2CV ¹⁾	RRI	125	2,5	12.000	0,3	5/16" UNF	4,9	0,7	PT 1/4"	6,5	<2,5	73
RRI-5125-2SV ¹⁾	RRI	125	2,5	12.000	0,3	5/16" UNF	4,9	0,7	PT 1/4"	6,5	<2,5	73
RRI-5125-5NV ¹⁾	RRI	125	5	12.000	0,3	5/16" UNF	4,9	0,6	PT 1/4"	6,5	<2,5	73
RRI-5125-5CV ¹⁾	RRI	125	5	12.000	0,3	5/16" UNF	4,9	0,7	PT 1/4"	6,5	<2,5	73
RRI-5125-5SV ¹⁾	RRI	125	5	12.000	0,3	5/16" UNF	4,9	0,7	PT 1/4"	6,5	<2,5	73
RRI-6150-2NV ¹⁾	RRI	150	2,5	12.000	0,3	5/16" UNF	4,9	0,6	PT 1/4"	6,5	<2,5	73
RRI-6150-2CV ¹⁾	RRI	150	2,5	12.000	0,3	5/16" UNF	4,9	0,7	PT 1/4"	6,5	<2,5	73
RRI-6150-2SV ¹⁾	RRI	150	2,5	12.000	0,3	5/16" UNF	4,9	0,7	PT 1/4"	6,5	<2,5	73
RRI-6150-5NV ¹⁾	RRI	150	5	12.000	0,3	5/16" UNF	4,9	0,6	PT 1/4"	6,5	<2,5	73
RRI-6150-5CV ¹⁾	RRI	150	5	12.000	0,3	5/16" UNF	4,9	0,7	PT 1/4"	6,5	<2,5	73
RRI-6150-5SV ¹⁾	RRI	150	5	12.000	0,3	5/16" UNF	4,9	0,7	PT 1/4"	6,5	<2,5	73
RRI-T6250-5NV ¹⁾	RRI	150	5	12.000	0,3	5/16" UNF	4,9	1	PT 1/4"	6,5	3,65	73
RRI-T6250-5CV ¹⁾	RRI	150	5	12.000	0,3	5/16" UNF	4,9	1	PT 1/4"	6,5	3,65	73

¹⁾ Standard delivered with Hook & Loop pad. NV = No dust extraction / CV = For connection to central dust extraction / SV = Self created Vacuum for dust extraction

Wire brush sander

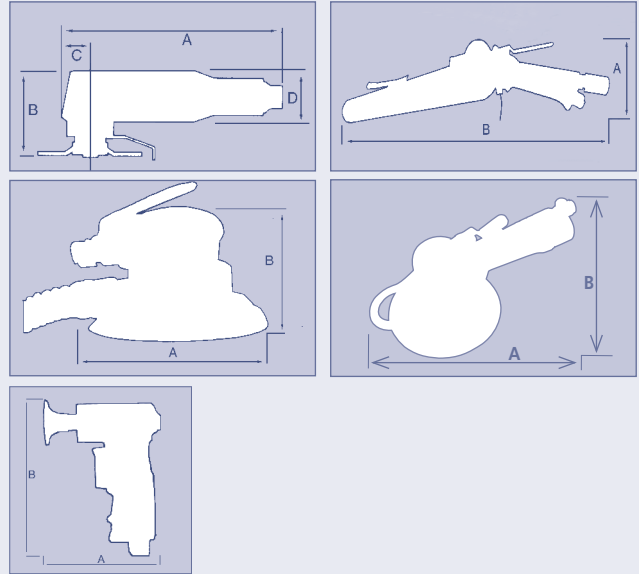
Type	Brand	Pad size mm	Stroke mm	RPM	Power kW	Spindle	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRB-280	RRI	80 ¹⁾	-	8.000	0,45	M14 x 2 ²⁾	9,6	1,5	PT 1/4"	10	9	80

¹⁾ Size wire brush (supplied without wire brushes) / ²⁾ Spindle stainless steel

SANDERS

DIMENSIONS

Type	A mm	B mm	C mm	D mm
HS-4	125	102	145	127
MS-4125B	150	110	-	-
RRB-280	225	85	28	50
RRG-3611	50	265	-	-
RRG-3617K	50	265	-	-
RRG-3621	60	420	-	-
RRG-3630	60	490	-	-
RRI-5125-2NV/5NV	163	104	-	-
RRI-6150-2NV/5NV	163	104	-	-
RRI-5125-2CV/5CV	213	104	-	-
RRI-6150-2CV/5CV	213	104	-	-
RRI-5125-2SV/5SV	213	104	-	-
RRI-6150-2SV/5SV	213	104	-	-
RRI-T6250-5NV/5CV	262	104	-	-
RRS-60323	116	150	-	-
RRS-60152	116	140	-	-
RRS-60153	116	140	-	-



ACCESSORIES

Sanding pads



Sanding pads	Order number	Description
HS-4 MS-4125B	9350-1002-00-00	Fiber, 115 x 22 mm
RRS-60152	600125-21	Roloc™-Pad, Ø 50 mm
RRS-60153	600127-31	Roloc™-Pad, Ø 75 mm
RRS-60323	6004-031-00	Hook & Loop pad, Ø 75 mm

Side handle



Side handle	Order number
HS-4 G-40/50	1203-0013-0011*
TAG-40/45/50 TAG-700/900 RRG-2034/2044/2055	2400-046-11*
G-70	1407-0013-0011*

* Supplied as standard

RED ROOSTER ATLUB OIL

RED ROOSTER orbital sanders may be used with "oil free" air. In case of "oil free" air, it speaks for itself that the air quality (dry, clean) is of significant importance for the lifetime of the air motor. To achieve the optimal lifetime and performance of the air motor it is advised to lubricate the air with RED ROOSTER Atlub oil.



Type	Brand	Description	Liter
ATLUB	RR	Lubricating oil	1

Sanding belts & Polishing pads



Sanding belt for 6 mm sanding arm		
SSB60660	6 x 330 mm	Korrel 60
SSB60680	6 x 330 mm	Korrel 80
SSB606100	6 x 330 mm	Korrel 100
SSB606120	6 x 330 mm	Korrel 120
SSB606150	6 x 330 mm	Korrel 150

Sanding belt for 10 mm sanding arm		
SSB61060	10 x 330 mm	Grain 60
SSB61080	10 x 330 mm	Grain 80
SSB610100	10 x 330 mm	Grain 100
SSB610120	10 x 330 mm	Grain 120
SSB610150	10 x 330 mm	Grain 150

Sanding belt for 20 mm sanding arm		
SSB62060	20 x 520 mm	Grain 60
SSB62080	20 x 520 mm	Grain 80
SSB620100	20 x 520 mm	Grain 100
SSB620120	20 x 520 mm	Grain 120
SSB620150	20 x 520 mm	Grain 150

Sanding belt for 30 mm sanding arm		
SSB63060	30 x 540 mm	Grain 60
SSB63080	30 x 540 mm	Grain 80
SSB630100	30 x 540 mm	Grain 100
SSB630120	30 x 540 mm	Grain 120
SSB630150	30 x 540 mm	Grain 150

Polishing pads for RRS-60043K & RRS-60323	
SA-75543VC*	Yellow pad 3½": soft
SA-75653VC*	White pad 3½": medium
SA-77213*	Bonnet 3½"

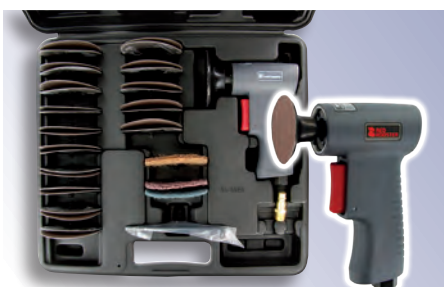
* Supplied as standard

BELT- AND MINI SANDERS

Mini sanders



RRS-60152K



RRS-60153K



RRS-60323K

Type	Brand	Pad size mm	RPM	Power kW	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRS-60152 ¹⁾	RR	50	15.000	0,3	4,9	0,54	PT 1/4"	10	0,74	80
RRS-60153 ²⁾	RR	75	15.000	0,3	4,9	0,54	PT 1/4"	10	0,74	80
RRS-60323 ³⁾	RR	75	3.200	0,3	4,9	0,75	PT 1/4"	10	0,74	80

¹⁾ RRS-60152 = mini sander Ø50 mm (Roloc™-Pad) / ²⁾ RRS-60153 = mini sander Ø75 mm (Roloc™-Pad) / ³⁾ RRS-60323 = mini polisher Ø75 mm (Velcro Pad)

The RRI mini sanders can be ordered as separate tool or as set (K) with sanding and/or polishing discs.

The RRI mini sanders RRS-60152K and RRS-60153K come in a plastic case containing the following sanding pads: 10 x grain 80, 10 x grain 100 and 10 x grain 120. The RRS-60323K comes with 2 polishing pads and 1 polishing bonnet.

The ROLOC™ system ensures quick and save changing of the pads.

Belt sanders



RRG-3617K



RRG-3611



RRG-3621



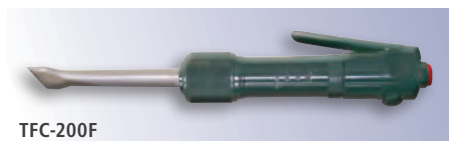
RRG-3630

Type	Brand	Belt size mm	RPM	Power kW	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRG-3617K	RRI	6/10 x 330	20.000	0,28	6,7	0,75	PT 1/4"	10	0,6	80
RRG-3611	RRI	10 x 330	20.000	0,28	6,7	0,75	PT 1/4"	10	0,6	80
RRG-3621	RRI	20 x 520	18.000	0,34	8,7	1,40	PT 1/4"	10	2,5	79
RRG-3630	RRI	30 x 540	12.000	0,52	10,3	2,20	PT 1/4"	10	2	79

The RRG-3617K is the same as model RRG-3611 however supplied as set. This set contains a sanding arm 6 x 330 and a sanding arm 10 x 330 mm (1 tool, 2 applications).

The RED ROOSTER belt sanders are suitable for nearly all materials, e.g. steel, aluminium, plastics and wood and for use as a de-burring method in difficult access applications. All belt sanders are executed with safety handle and adjustable silencer.

HAMMERS



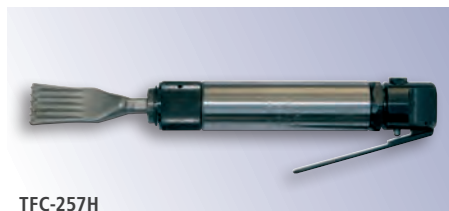
TFC-200F



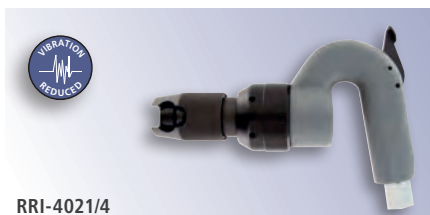
F-25



RR-0315



TFC-257H



RRI-4021/4



RRH-2000



AA-OBR(H)



BRH-6



AVAILABLE FROM 02-2017

RRH-4309K / RRH-4312K



AA-1.3BR(H)19x50 / AA-1.3BR(H)17,5



THA-2BRH19x50 / THA-3BRH19x50 / THA-4BRH19x50



TCD-20

Type	Brand	Shank size mm	Bore diameter mm	Stroke mm	Blows p/min	J/Blow	Air cons. l/s	Weight kg	Inlet thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
TFC-200F	TOKU	□12,7	20	10	12.000	1,5	4,1	1,1	PT 1/4"	6,5	14,3	91
F-25 ¹⁾	YOKOTA	□12,7 x 16 x 28	25	22	4.000	5,1	6	1,8	PT 1/4"	6,5	12	91
RR-0315	RR	□12,7 x 16 x 28	25	32	4.000	7,4	3	2,6	PT 1/4"	6,5	9,4	93
TFC-257H	TOKU	□12,7	25	34	4.000	7,9	6,7	1,73	PT 1/4"	10	14	92

RRI-4021/4 ¹⁾	RRI	○11 x ○12,7 x 40	18	30	4.500	3,5	10	2,2	PT 1/4"	10	3,5	88
RRH-2000	RR	○11 x ○12,7 x 40	17,4	42	5.000	4,5	8,4	1,5	PT 1/4"	10	8	88
AA-OBR(H)	TOKU	○12,7 x ○15 x 53	20	50	3.600	7,5	5,8	2,6	PT 3/8"	6,5	12	89
BRH-6	YOKOTA	○10,2 x 40	20	60	3.500	9	6,6	1,4	PT 1/4"	10	17	95
RRH-4309K	RR	○11 x ○12,7 x 40	19	67	3.200	9,0	7,1	1,7	PT 1/4"	10	2,2	95
RRH-4312K	RR	○11 x ○12,7 x 40	19	89	2.100	12,0	7,1	1,8	PT 1/4"	10	2,6	95
AA-1.3BR(H)19x50 ²⁾	TOKU	○19 x 50	24	58	2.800	12,7	7,5	4,5	PT 3/8"	10	10	93
THA-2BRH19x50	TOKU	○19 x 50	28,5	51	2.300	15,7	14,2	6,8	PT 3/8"	13	11,6	93
THA-3BRH19x50	TOKU	○19 x 50	28,5	64	2.200	19,9	15	7,2	PT 3/8"	13	8	93
THA-4BRH19x50	TOKU	○19 x 50	28,5	102	1.800	31,8	15,8	7,8	PT 3/8"	13	11,6	93
TCD-20	TOKU	○22 x 82	43	60	2.000	42,4	18	11,4	PT 1/2"	13	16	106

Exclusive chisels and quick change retainer / For chisels overview see page 43-48 / ¹⁾ For suction casings see page 42 / ²⁾ Also available with shank size ○17,5 mm

RRH-4309KSET1 RRH-4312KSET1

- Hammer
- 5 chisels for metal
- Quick change retainer

RRH-4309KSET2 RRH-4312KSET2

- Hammer
- 4 chisels for concrete/stone
- Quick change retainer

RRI-4006VL & RRI-4007VL



The RRI-4006VL & RRI-4007VL are to use as air hammers and as needle scalars. See page 51 for specs and conversion kits.

BREAKERS & ROCK DRILLS



Paving breakers

Type	Brand	Shank size mm	Bore diameter mm	Stroke mm	Blows p/min	J/Blow	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
TPB-40	TOKU	○ 25 x 108	44	146	1.400	110	26	19	PT 3/4"	19	19,1	106
TPB-40SV ¹⁾	TOKU	○ 25 x 108	40	146	1.050	110	26	19,5	PT 3/4"	19	5,5	106
TPB-501SV ¹⁾	TOKU	○ 32 x 160	50	156	1.250	151	25	28,1	PT 3/4"	19	5,3	107
TPB-60	TOKU	○ 32 x 160	57	100	1.400	125	27	30	PT 3/4"	19	9,7	110

¹⁾ Vibration reduced

Rock drills

Type	Brand	Shank size mm	Bore diameter mm	Stroke mm	Blows p/min	RPM	J/Blow	Air cons l/sec	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
TH-5S ¹⁾	TOKU	○19 x ○14,8 x 89	38	31	3.400	420	17	14	5,8	PT 3/8"	13	14	95
TJ-15SBS	TOKU	○ 22 x 82	54	45	2.450	250	44,7	26	17,4	PT 3/4"	19	30	99
TJ-15SV LBS ¹⁾	TOKU	○ 22 x 108	54	45	2.450	250	44,7	26	17,7	PT 3/4"	19	7	99
TJ-15SV SBS ¹⁾	TOKU	○ 22 x 82	54	45	2.450	250	44,7	26	17,4	PT 3/4"	19	7	99
TJ-20SV LBS ¹⁾	TOKU	○ 22 x 108	68	49	2.400	200	72	41	19	PT 3/4"	19	10,8	100
TJ-20SV SBS ¹⁾	TOKU	○ 22 x 82	68	49	2.400	200	72	41	19	PT 3/4"	19	10,8	100

¹⁾ Vibration reduced

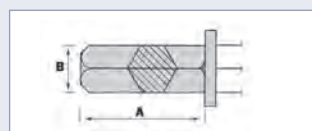


Vibration reduced

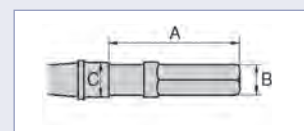
Vibration reduction in the TOKU hammers, breakers and drills enables longer working hours.

Type	A	B
TPB-40/40SV	108	25
TPB-50N/501SV	160	32
TPB-60	160	32
TJ-15LBS/SBS	108/82	22
TJ-20LBS/SBS	108/82	22

Type	A	B	C
TH-5S	89	14,8	19



Type	A	B
TPB-40/40SV	108	25
TPB-50N/501SV	160	32
TPB-60	160	32
TJ-15LBS/SBS	108/82	22
TJ-20LBS/SBS	108/82	22

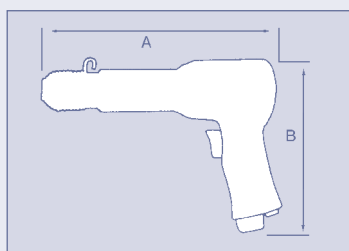
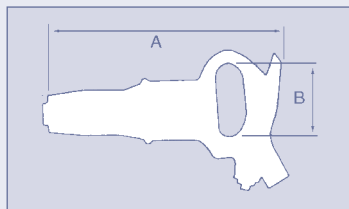
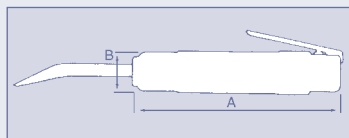


Type	A	B	C
TH-5S	89	14,8	19

HAMMERS

DIMENSIONS

Type	A mm	B mm
AA-OBR(H)	245	95
AA-1.3BR(H)	300	76
BRH-6	200	149
F-25	310	43
RR-0315	320	43
RRH-2000	165	140
RRH-4309K	223	173
RRH-4312K	267	173
RRI-4021/4	255	100
TCD-20	520	100
TFC-200F	189	40
TFC-257H	330	43
TH-5S	425	250
THA-2BRH19x50	350	87
THA-3BRH19x50	422	87
THA-4BRH19x50	430	87
TJ-15	468	340
TJ-20	385	585
TPB-40	660	390
TPB-40SV	649	390
TPB-501SV	714	390
TPB-60	645	400



ACCESSORIES

Quick change chisel retainer

BRH-6	PT-2311	
RRH-2000	PT-2311	

Retainer spring

RRH-2000	10219 RRH-2000	*
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* Supplied as standard

Suction casings for air hammers

For dust extraction of the models RRI-4021/4 and F25. For other hammers ask for the most suitable solution.



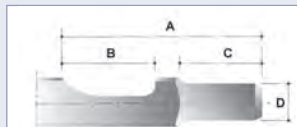
DC6622



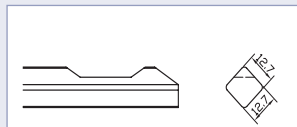
DC6078

For hammer	Type	Tool connection Ø D (in/mm)	Hose connection (in/mm)	Height mm
F25	DC6622	1,7"/43	1,5"/38	158
RRI-4021/4	DC6078	2,4"/61	1,5"/38	178

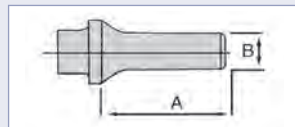
SHANK SIZE



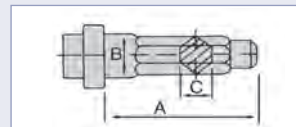
Type	A	B	C	D
TFC-200F	51	23	21	9,5



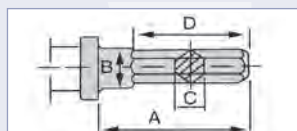
Type	A	B	C
F-25	16	12,7	28
RR-0315	16	12,7	28
TFC-257H	13	12,7	27



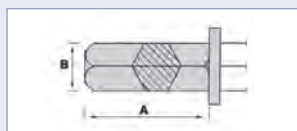
Type	A	B
BRH-6	40	10,2



Type	A	B	C
RRH-2000	40	12,7	11
RRH-4309K	40	12,7	11
RRH-4312K	40	12,7	11
RRI-4021/4	40	12,7	11



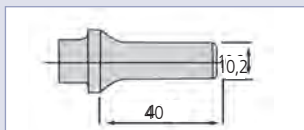
Type	A	B	C
AA-OBR(H)	53	15	12,7



Type	A	B
AA-1.3BR(H)19x50	50	19
AA-3BR(H) 19x50	50	19
TCD-20	82	22
THA-2BRH 19x50	50	19
THA-3BRH 19x50	50	19
THA-4BRH 19x50	50	19

CHISELS FOR AIR HAMMERS

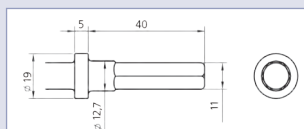
Shank size Ø 10,2 mm x 40 mm



FOR HAMMERS:
- YOKOTA BRH-6
- RED ROOSTER RRH-4210

Order number	Description	L (mm) total	B (mm)
BE101002	Cutting chisel	122	20
BE101003	Sheet metal trimmer	135	16
BE101005	Muffler cutter	115	15
BE101006	Bushing splitter	132	12
BE101007	Spot-weld breaker bent	79	15
BE101008	Bushing driver	63	Ø 23
BE101010	Flat chisel	120	33
BE101011	Double edged cutter	110	22
BE101012	Shear bent	132	12
BE101016	Straight punch	120	Ø 12
BE101017	Spot-weld breaker	117	19
BE101018	Scraper	137	33
BE101019	Tail pipe cutter	119	29
BE101020	Concave scraping	130	34
BE101021	Wide cutting	129	44
BE101022	Diamond point	161	-
BE101024	Flat, bent	106	15
BE101025	River cutter	109	23
BE101027	Center punch chisel	106	Ø 9
BE101028	Pin punch	134	Ø 8

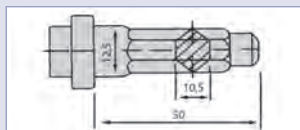
Shank size 11 mm Hex / Ø 12,7 mm x 40 mm



FOR HAMMERS:
- RED ROOSTER RRH-2000
- RED ROOSTER RRH-4309K
- RED ROOSTER RRH-4312K
- RED ROOSTER RRI-4021/4

Order number	Description	L (mm) total	B (mm)
CB51102190	Wide Cuttingchisbent	190	32
CB51103185	45mm Wide Chisel,L=185mm	185	45
CB51103250	Flat Chisel	235	40
CB51104190	Wide Cuttingchisbent	190	33
CB51109165	Flat Chisel	165	18
CB51109180	Flat Chisel	180	18
CB51109250	Flat Chisel	250	18
CB51109350	Flat Chisel	350	20
CB51112180	Flat Chisel	180	33
CB51112250	Flat Chisel	250	33
CB51114180	Double Bladepanelcutter	178	22
CB51115180	Moil point chisel	180	
CB51115250	Moil Point	250	
CB51116180	Chisel	175	26
CB51117180	Spotweld Breaker	179	20
CB51123180	Claw Ripper/PannelCutter	176	16
CB51193180	Slotting Tool W.Carbide Tip L=180	182	35
CB51193180-4	Slotting Tool W.Carbide Tip L=180	182	36
CB51193180-6	Slotting Tool W.Carbide Tip L=180	182	36

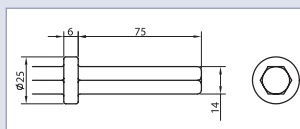
Shank size 10,5mm Hex x Ø 12,5 mm x 50 mm



FOR HAMMERS:
- RED ROOSTER RRH-4210K

Order number	Description	L (mm) total	B (mm)
BE151002	Cutting chisel	122	20
BE151003	Sheet metal trimmer	135	16
BE151004	Panel cutter	131	15
BE151005	Muffler cutter	115	15
BE151007	Spot-weld breaker bent	79	15
BE151008	Bushing driver	63	Ø 23
BE151009	Tapered punch	132	Ø 3
BE151010	Flat chisel	120	33
BE151011	Double edged cutter	110	22
BE151012	Shear bent	132	12
BE151014	Double blade panel cutter	136	18
BE151015	Wide cutting, bent	130	33
BE151016	Straight punch	120	Ø 12
BE151017	Spot-weld breaker	117	19
BE151018	Scraper	137	33
BE151019	Tail pipe cutter	119	29
BE151020	Concave scraping	130	34
BE151021	Wide cutting	129	44
BE151022	Diamond point	161	-
BE151024	Flat, bent	106	15
BE151026	Round nose panel cutter	90	21
BE151027	Center punch chisel	106	Ø 9
BE151028	Pin punch	134	Ø 8
BE151031	Hollow gouge	155	17
BE152001	Slotting tool with carbide tip	155	30

Shank size 13,8mm 6-Kt x 75 mm

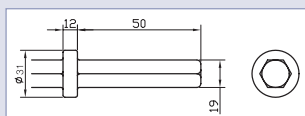


FOR HAMMERS:
- Arx

Order number	Description	L (mm) total	B (mm)
CB5100105/3	Moil point	180	-
CB5100102/3	Flat chisel	110	24
CB5100104/3	Flat chisel	180	24
CB5100103/3	Wide flat chisel	180	40
CB5100107/3S	Wide flat chisel	180	60
CB5100115/3	Wide flat chisel	180	100
CBMCOVAXS	Slotting tool with carbide tip	120	35

CHISELS FOR AIR HAMMERS

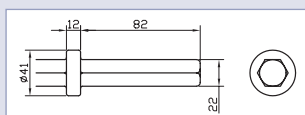
Shank size 19 mm 6-Kt x 50 mm



FOR HAMMERS:
- TOKU AA-1.3BR(H) 19x50
- TOKU THA-Serie

Order number	Description	L (mm) under the collar	B (mm)
MP5	Moil point	250	-
MP5-350	Moil point	350	-
MP5-450	Moil point	450	-
NC5	Flat chisel	250	23
NC5-350	Flat chisel	340	30
NC5-450	Flat chisel	440	30
CB5	Wide flat chisel	250	60
CB5-G	Wide flat chisel, bent	250	60

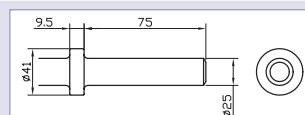
Shank size 22 mm Hex x 82,5 mm



FOR HAMMERS:
- TOKU TCD-20
- RED ROOSTER RRI-4596/1
- RED ROOSTER RRI-4612K VL

Order number	Description	L (mm) under the collar	B (mm)
MP4	Moil point	380	-
MP4-450	Moil point	450	-
MP4-1000	Moil point	1.000	-
MP4-1500	Moil point	1.500	-
MP4-2000	Moil point	2.000	-
NC4	Flat chisel	380	28
NC4-450	Flat chisel	450	28
NC4-1000	Flat chisel	1.000	27
NC4-1500	Flat chisel	1.500	28
NC4-2000	Flat chisel	2.000	27
NC4-2500	Flat chisel	2.500	27
CB4	Wide flat chisel	380	75
DC4	Asphalt chisel	400	80
AC4	Asphalt cutter	400	115

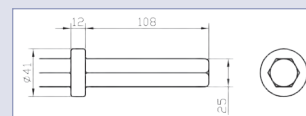
Shank size Ø 25 mm x 75 mm, round collar 42 mm



FOR HAMMERS:
- RED ROOSTER RRI-4596/R
- RED ROOSTER RRI-4612R VL

Order number	Description	L (mm) under the collar	B (mm)
B350MP	Moil point	350	-
B450MP	Moil point	450	-
B600MP	Moil point	600	-
B1000MP	Moil point	1.000	-
B1500MP	Moil point	1.500	-
B2000MP	Moil point	2.000	-
B350NC	Flat chisel	350	24
B450NC	Flat chisel	450	24
B600NC	Flat chisel	600	24
B1000NC	Flat chisel	1.000	24
B1500NC	Flat chisel	1.500	24

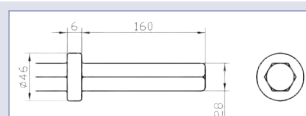
Shank size 25 mm Hex x 108 mm



FOR HAMMERS:
- TOKU TPB-40
- TOKU TPB-40SV

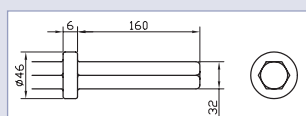
Order number	Description	L (mm) under the collar	B (mm)
MP3	Moil point	380	-
MP3-450	Moil point	450	-
MP3-1000	Moil point	1.000	-
MP3-1500	Moil point	1.500	-
MP3-2000	Moil point	2.000	-
NC3	Flat chisel	380	25
NC3-450	Flat chisel	450	25
CB3	Wide flat chisel	360	75
DC3	Digging chisel	400	75
AC3	Asphalt cutter	400	125

Shank size 28 mm Hex x 160 mm



Order number	Description	L (mm) under the collar	B (mm)
MP2A	Moil point	380	-
MP2	Moil point	450	-
NC2A	Flat chisel	380	35
NC2	Flat chisel	450	35
CB2A	Wide flat chisel	380	75
DC2	Wide flat chisel	400	75
CB5819	Asphalt cutter	350	125
AC2	Heavyt asphalt cutter	270	115

Shank size 32 mm Hex x 160 mm

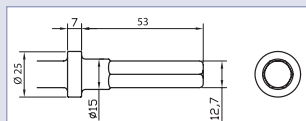


FOR HAMMERS:
- TOKU TPB-50N
- TOKU TPB-501SV
- TOKU TPB-60

Order number	Description	L (mm) under the collar	B (mm)
MP1A	Moil point	380	-
MP1	Moil point	450	-
MP1-900	Moil point	900	-
MP1-1500	Moil point	1.500	-
NC1A	Flat chisel	380	35
NC1	Flat chisel	450	35
CB1A	Wide flat chisel	380	75
DC1	Digging chisel	400	75
AC1	Heavyt asphalt cutter	270	115
CB5019	Asphalt cutter	280	125

CHISELS FOR AIR HAMMERS

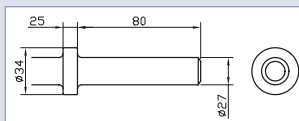
Shank size 12,7 mm Hex / Ø 15 mm x 53 mm



FOR HAMMERS:
- TOKU AA-OB
- TOKU AA-OB(RH)

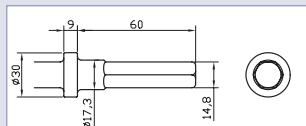
Order number	Description	L (mm) total	B (mm)
BEAA-OB-01	Flat chisel	220	16
BEAA-OB-01 400MM	Flat chisel	400	16
BEAA-OB-02	Diamond point	220	-
BEAA-OB-02 400MM	Diamond point	400	-
BEAA-OB-03	Flat chisel	220	25
BEAA-OB-04	Flat chisel	220	49
BEAA-OB-04 540MM	Flat chisel	540	49
BEAA-OB-05	Flat chisel	220	97
BEAA-OB-06	Flat chisel bent	220	50

Shank size 27 mm x 80 mm, collar 34 mm square



Order number	Description	L (mm) under the collar	B (mm)
CB1362010045	Moil point	400	-
CB1362011045	Flat chisel	400	27
CB1362120040	Asphalt cutter	400	120

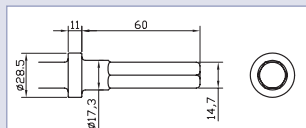
Shank size 14,8 mm Hex / Ø 17,3 mm x 60 mm



FOR HAMMERS:
- TOKU AA-1.3B, AA-3B (old series)

Order number	Description	L (mm) under the collar	B (mm)
CB3210260	Moil point	260	-
CB3210450	Moil point	450	-
CB418	Round nose	210	-
CB420	Diamond point	160	-
CB3211260	Flat chisel	260	22
CB424	Flat chisel	140	50
CB426	Flat chisel	137	38
CB3218200	Wide flat chisel	200	50
CB3217210G	Wide flat chisel, bent	210	95
CB3211450	Flat chisel, bent	510	22

Shank size 14,7 mm Hex / Ø 17,3 mm x 60 mm, oval collar

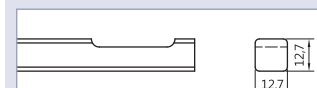


FOR HAMMERS:
- TOKU THH-2BH
- TOKU THH-3BH
- TOKU THH-4BH

Order number	Description	L (mm) under the collar	B (mm)
HS2-OC	Flat chisel	200	24
CB304	Flat chisel	158	24
CB304-12	Flat chisel	234	24
CB304-18	Flat chisel	386	24
CB324-24	Flat chisel	610	50
HS2-32-OC	Wide flat chisel	200	32
HS2-50-OC	Wide flat chisel	200	50
HS6-OC	Moil point	200	-

CHISELS FOR AIR HAMMERS

FOR HAMMERS:
- AC RRC



Order number	Description	L (mm) total	B (mm)
CB3251	Flat chisel	178	19
CB3251-300	Flat chisel	300	19
CB3251-450	Flat chisel	450	19
CB3252	Wide flat chisel	155	38
CB3252-300	Wide flat chisel	300	38
CB3253	Wide flat chisel, bent	178	38
CBMCCORR13.2	Slotting tool with carbide tip	150	38
CBMCCORR13.0-4	Slotting tool with carbide tip	150	4
CBMCCORR13.0-6	Slotting tool with carbide tip	150	6

FOR HAMMERS:
- YOKOTA F-25
- RED ROOSTER RR-0315

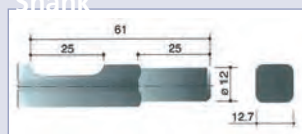
Order number	Description	L (mm) total	B (mm)
BE15/1B	Flat, bent	112	20
BE15/1F	Flat chisel	115	20
BE15/1G	Wide flat chisel, bent	114	34
BE15/1W	Wide flat chisel	115	34
8160-1002-00-00	Flat, bent	115	25
CBMCOF25-150	Slotting tool with carbide tip	103	33

FOR HAMMERS:
- TOKU TFC-200F

Order number	Description	L (mm) total	B (mm)
CB40901180	Moil point	180	-
CB40902180	Flat chisel	180	19
CB40903180	Wide flat chisel, bent	180	35
CB40904180	Wide flat chisel, bent	180	35
CB40906180	Flat chisel	180	50

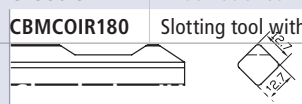
Shank

size



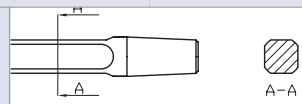
FOR HAMMERS:

Order number	Description	L (mm) total	B (mm)
CB382	Flat chisel	178	19
CB382-12	Flat chisel	300	19
CB382-18	Flat chisel	455	19
CB383	Wide flat chisel	178	35
CB383-12	Wide flat chisel	300	35
CB383-18	Wide flat chisel	450	35
CB384	Wide flat chisel, bent	178	35
CB384/12	Wide flat chisel, bent	300	35
CB380	Wide flat chisel	178	50
CB380-3	Wide flat chisel	200	75
CBMCOIR180	Slotting tool with carbide tip	200	38



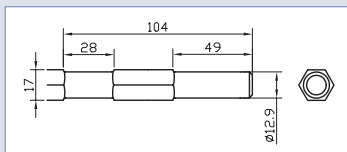
FOR HAMMERS:
- IR9001 (e.g.)

Order number	Description	L (mm) total	B (mm)	Ø
CB296	Moil point	250	-	
CB297	Moil point	300	-	
CB276	Flat chisel	250	24	
CB276-12	Flat chisel	300	24	
CB276-18	Flat chisel	450	24	
CB278	Punch	250	-	10
CB279	Punch	250	-	13
CB280	Punch	250	-	16
CB281	Punch	250	-	19
CB282	Punch	250	-	22
CB283	Punch	250	-	25
CB284	Punch	250	-	28



CHISELS FOR ELECTRIC HAMMERS

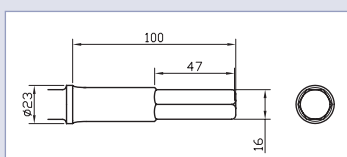
Shank size Ø 12,9 mm x 77 mm



FOR HAMMERS:
- Makita 0810, 8035

Order number	Description	L (mm) total	B (mm)
CB2453	Flat chisel	280	20
CB2455	Wide flat chisel	280	40

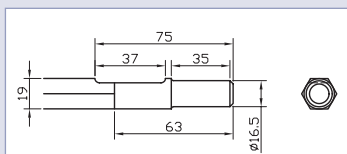
Shank size 16 mm Hex x 100 mm



FOR HAMMERS:
- Duss PK35, PK40, PK45, PK75

Order number	Description	L (mm) total	B (mm)
CB2291	Moil point	400	-
CB2293	flat chisel	400	24

Shank size Ø 16,3 mm x 19 mm



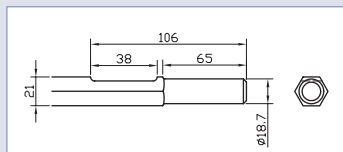
FOR HAMMERS:
- Bosch USH6, UBH6, 11206

Order number	Description	L (mm) total	B (mm)
CB2061	Moil point	300	-
CB2063	Moil point	400	-
CB2066	Flat chisel	300	24
CB2072	Wide flat chisel	400	50

FOR HAMMER:
- Kangoo 900/950

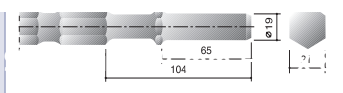
Order number	Description	L (mm) total	B (mm)
CB2381	Wide flat chisel	300	50
CB2381-L	Wide flat chisel	380	50
CB2382	Wide flat chisel	300	75
CB944484	Adaptor for floorscraper	450	-

Shank size Ø 19 mm x 65 mm



FOR HAMMERS:
- Kangoo 900/950

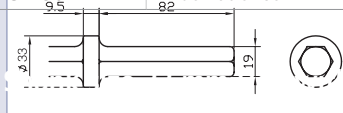
Order number	Description	L (mm) total	B (mm)
CB2362	Moil point	380	-
CB2363	Moil point	450	-
CB2364	Moil point	600	-
CB2365	Flat chisel	300	24
CB2366	Flat chisel	380	24
CB2367	Flat chisel	450	24
CB2368	Flat chisel	600	24
CB100134	Floorscraper	270	150
CB100156	Blade for floorscraper M10	-	150
CB100156-M12	Blade for floorscraper M12	-	150
CBB61040K	Repair kit for floorscraper M10	-	-
CBB61040K-M12	Repair kit for floorscraper M12	-	-



5 mm

FOR HAMMERS:
- Wacker

Order number	Description	L (mm) total	B (mm)
CB2904	Flat chisel	330	24
CB2906	Flat chisel	500	24
CB2907	Wide flat chisel	330	65



recess

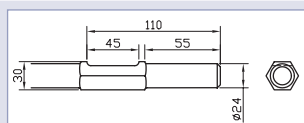
FOR HAMMERS:
- Duss PK160, PK300

Order number	Description	L (mm) total	B (mm)
CB100526	Moil point	400	-
CB100533	Moil point	500	-
CB100529	Flat chisel	400	28
CB100534	Flat chisel	500	28
CB100535	Wide flat chisel	500	50



CHISELS FOR ELECTRIC HAMMERS

Shank size Ø24 mm x 55 mm



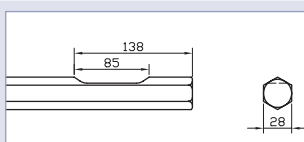
FOR HAMMERS:

- Makita
- Hitachi

Order number	Description	L (mm) total	B (mm)
CB3021	Moil point	400	-
CB3022A *	Moil point	400	32
CB3022B *	Flat chisel	400	32
CB3023A *	Wide flat chisel	400	75
CB3023B *	Wide flat chisel	400	75
CB3024A *	Asphalt cutter	400	125

* Type A: recess parallel on flat side of the spade, type B: crosswise

Shank size 28 mm Hex with recess

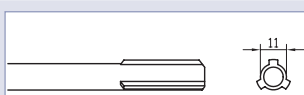


FOR HAMMERS:

- Bosch USH27, 11304

Order number	Description	L (mm) total	B (mm)
CB2001	Moil point	400	-
CB2003	Flat chisel	400	35
CB2005	Wide flat chisel	400	75
CB2007	Asphalt cutter	400	115

Shank size 11 mm

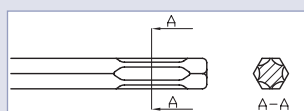


FOR HAMMERS:

- Impex EH25

Order number	Description	L (mm) total	B (mm)
CBMCOEH25	Slotting tool with carbide tip	250	35

Shank size HILTI TE805 and TE905

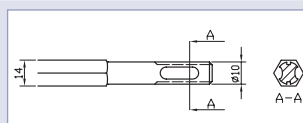


FOR HAMMERS:

- Hilti TE805, TE905

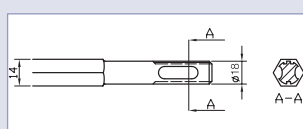
Order number	Description	L (mm) total	B (mm)
CB914972	Moil point	360	-
CB914974	Moil point	500	-
CB914982	Flat chisel	360	29
CB914992	Wide flat chisel	360	55
CB914995	Wide flat chisel	360	80

SDS plus



Order number	Description	L (mm) total	B (mm)
CB2101	Moil point	250	-
CB2102V	Flat chisel	250	20
CB2103	Wide flat chisel	250	40
CBMCO5DSPLUSKORT	Slotting tool with carbide tip	158	35
CBMCO5DSPLUSLANG	Slotting tool with carbide tip	250	35

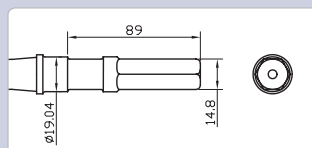
SDS max



Order number	Description	L (mm) total	B (mm)
CB04001	Moil point	280	-
CB04037	Moil point	360	-
CB04002	Moil point	400	-
CB04003	Moil point	600	-
CB04004	Flat chisel	280	25
CB04005	Flat chisel	400	25
CB04006	Flat chisel	600	25
CB04007	Hollow gouge	300	26
CB04007-33	Hollow gouge	300	33
CB04009	Wide flat chisel	400	50
CB04010	Wide flat chisel	300	80
CB04013	Wide flat chisel	350	115
CB04011	Wide flat chisel, bent	300	50
CB04012	Wide flat chisel, bent	300	80
CBMCOMAX	Slotting tool with carbide tip	280	-
CB914978	Adaptor for floorscraper	450	-
CB100134	Floorscraper	270	150
CB100156	Blade for floorscraper M10	-	150
CB100156-M12	Blade for floorscraper M12	-	150
CBB61040K	Repair kit for floorscraper M10	-	-
CBB61040K-M12	Repair kit for floorscraper M12	-	-

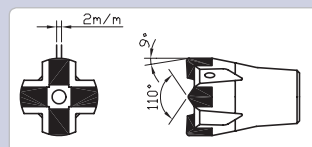
DRILLS FOR ELECTRIC HAMMERS

Monobloc-drills shank 14.8 mm Hex x 89 mm combi for hammers - TOKU TH-5S



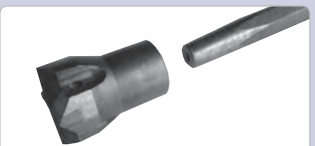
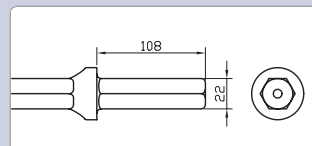
Order number	L (mm) total	Ø (mm)
CB9F25013	330	13
CB9F25014	330	14
CB9F25016	330	16
CB9F25019	330	19
CB9F25022	330	22
CB9F35014	430	14
CB9F35016	430	16
CB9F35019	430	19
CB9F35022	430	22

Drill bit crossheads, Konus II



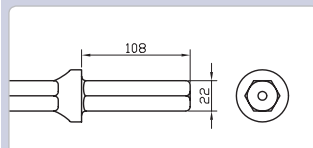
Order number	L (mm) total	Ø (mm)
CB6126300030	-	30
CB6126300032	-	32
CB6126300034	-	34
CB6126300036	-	36
CB6126300038	-	38
CB6126300040	-	40
CB6126300045	-	45
CB6126300050	-	50
CB6126300055	-	55

Drill bars shank 22 mm Hex x 108 mm, Konus II for hammers - TOKU TJ-15LBS / TJ-20LBS



Order number	L (mm) total	Ø (mm)
CB2261510500	500	-
CB2261510800	800	-
CB2261511000	1000	-
CB2261511500	1500	-
CB2261512000	2000	-
CB2261512500	2500	-

Monobloc-drills shank 22 mm Hex x 108 mm for hammers - TOKU TJ-15LBS / TJ-20LBS



Order number	L (mm) total	Ø (mm)
CB2240016	400	16
CB2260016	600	16
CB2240019	400	19
CB2260019	600	19
CB22100019	1.000	19
CB2230022	300	22
CB2240022	400	22
CB2260022	600	22
CB22100022	1.000	22
CB2240025	400	25
CB2260025	600	25
CB22100025	1.000	25
CB2260028	600	28
CB2260030	600	30

NEEDLE SCALERS

NEEDLEHOLDERS

Type	2 mm	3 mm	4 mm
TFC-N200	Y3-06-12-220	Y3-06-12-200*	-
F-25N	-	6203-0829-02-00*	-
RR-0315NS	-	SG-0315NS-25*	-
RR-2110NS	SG-2110NS-24	SG-2110NS-17*	-
RRI-4006	218	217*	-
RRI-4006VL	601.2020	601.2030*	-
RRI-4007	330	314*	353
RRI-4007VL	601.3020	601.3030*	601.3040
RRI-4008	-	414	453*

* Supplied as standard

NUMBER OF NEEDLES

Needle for type	Number 2 mm	Number 3 mm	Number 4 mm
TFC-N200	21	12	-
F-25N	-	19	-
RR-0315NS	-	19	-
RR-2110NS	29	19	-
RRI-4006	51	19	-
RRI-4006VL	51	19	-
RRI-4007	65	28	19
RRI-4007VL	65	28	19
RRI-4008	-	49	35

All needle scalers are supplied as standard with 3 mm needles, except RRI-4008 which is supplied with 4 mm needles.

NEEDLE

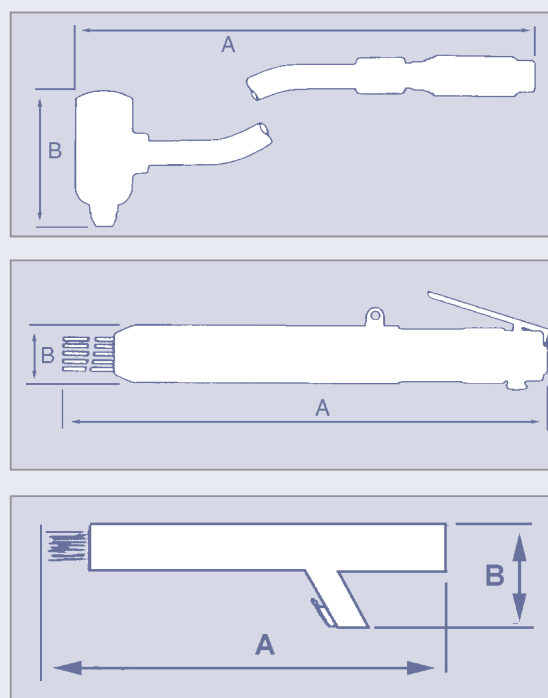
Ø	Model	Order number
2 mm	Blunt, hardened steel	6203-0827-02-01
3 mm	Blunt, hardened steel	6203-0827-03-01*
3 mm	Chisel point, hardened steel	6203-0827-03-02
3 mm	Copper-beryllium	6203-0827-03-03
4 mm	Blunt, hardened steel	6203-0827-04-01

* Supplied as standard

Ø	Type	Order number
3 mm	TFC-N200	Y3-06-12-210

DIMENSIONS

Type	A mm	B mm
YK-2	489	126
F-25N	412	43
RR-0315NS	415	45
RR-2110NS	340	175
RRI-4006	330	48
RRI-4006VL	340	48
RRI-4007	460	57
RRI-4007VL	330	48
RRI-4008	475	66
TFC-N200	273	36



NEEDLE SCALERS

Straight- and pistol models



Type	Brand	Bore diameter mm	Stroke mm	Blows p/min	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
YK-2 ¹⁾	YOKOTA	24	33	8.000	6	2,5	PT 3/8"	6,5	5,6	85
TFC-N200	TOKU	20	10	12.000	4,1	1,2	PT 1/4"	6,5	14,3	91
F-25N	YOKOTA	25	22	4.000	6	2,3	PT 1/4"	6,5	10	78
RR-0315NS	RR	25	32	4.000	6,6	2,6	PT 1/4"	6,5	9,4	93
RR-2110NS	RR	23,5	33	3.000	6,6	2,5	PT 1/4"	6,5	20	96
RRI-4006	RRI	23,5	34	3.000	2,6	2,6	PT 1/4"	6,5	17	90
RRI-4006VL ^{2) 3)}	RRI	23,5	34	2.400	1,9	2,7	PT 1/4"	6,5	2,7	90
RRI-4007	RRI	30,5	30,5	2.500	3,3	4,3	PT 1/4"	6,5	12	91
RRI-4007VL ^{2) 3)}	RRI	34,4	30,5	3.000	2,6	3,4	PT 1/4"	6,5	1,9	95
RRI-4008	RRI	33	35,5	2.100	4,8	5,9	PT 1/4"	6,5	13	90

¹⁾ Scaler/scabler / ²⁾ Vibration reduced / ³⁾ Also as air hammer to use, see below

CHISEL HOLDER + ANVIL

RRI-4006VL



Order number	Description
419.2003	Chisel Holder 1/2" Square
610.2003	Anvil

Conversion kits for RRI-4006VL vibration reduced needle scaler.

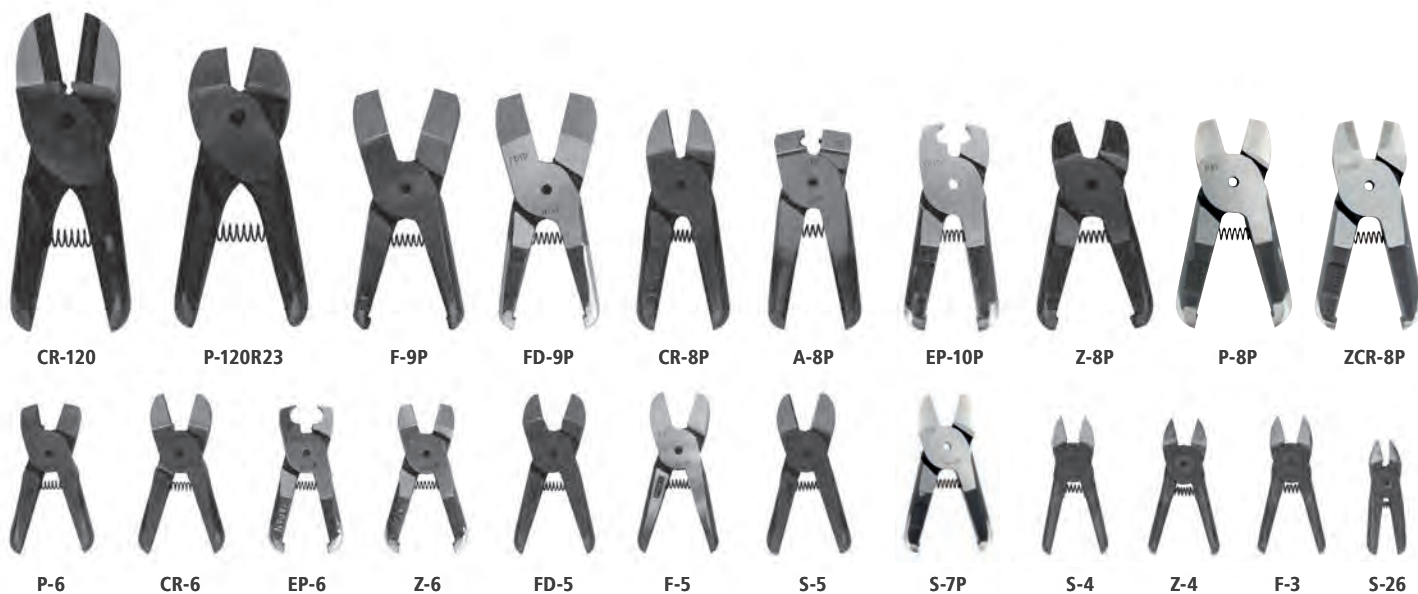
RRI-4007VL



Order number	Description
419.3003	Chisel Holder 1/2" Square
610.3003	Anvil

Conversion kits for RRI-4007VL vibration reduced needle scaler.

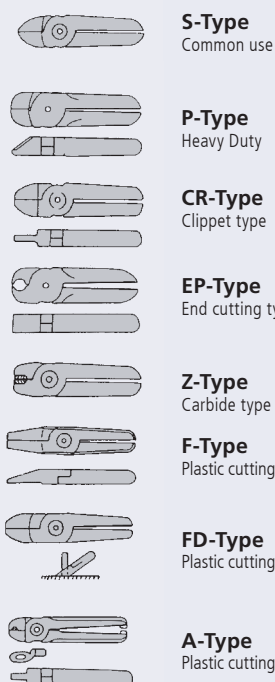
POWER CUTTERS



CUTTING CAPACITY OF THE BLADES

Type	Copper mm	steel FE 370 mm	Piano- wire mm	Plastics mm	Crimping mm	Blade type
RRI-8002	1	0,5	-	-	-	S-26
RRI-8003	1,6	1	-	-	-	S-4
	1,6	1	0,5	-	-	Z-4
	-	-	-	4	-	F-3
RRI-8004	2,6	2	-	-	-	P-6, CR-6, EP-6, S-5
	2,6	2	1	-	-	Z-6 (carbide tip)
	-	-	-	7	-	F-5, FD-5
RRI-8011	3,3	2,8	-	-	-	P-8P, CR-8P, EP-10P, S-7P
	3,3	2,8	1,2	-	-	Z-8P (carbide tip), ZCR-8P
	-	-	-	10	-	F-9P, FD-9P
	-	-	-	-	2	A-8P, ZCR-8P
RRI-8031	4,8	4	-	-	-	P-8P, ZCR-8P, CR-8P, EP-10P, S-7P
	-	-	-	13	-	F-9P, FD-9P
	-	-	-	-	5,5	A-8P
RRI-8032	7	6	-	-	-	P-120R23, CR-120

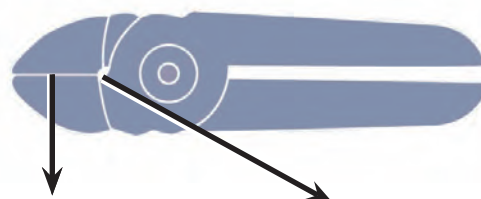
Power cutters are supplied without blade, please order separately from the list above.



POWER CUTTERS

Cutting and pressing

Power cutters for round material have simplified cutting and pressing in mass production. Versatile applications of the power cutter by selection of suitable blades, make it possible to increase production. The working pressure is 4-5 bar. Blades for power cutters are delivered separately.



Caution: Only cut your piece of work in this area of the blade.
Do not twist the tool when cutting!

Cutting here will cause damage to the blade!



RRI-8002



RRI-8011



RRI-8003



RRI-8031



RRI-8004



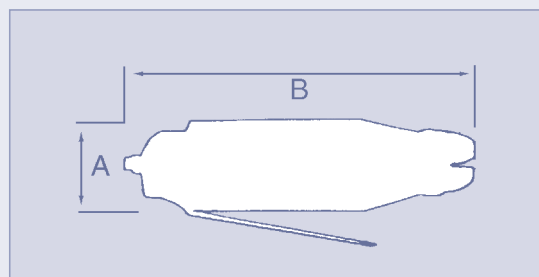
RRI-8032

Type	Brand	Capacity copper mm	Capacity steel* mm	Capacity plastics mm	Capacity crimping mm	Power midway on blade kg	Air cons. l/stroke	Weight kg**	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-8002	RRI	1	0,5	-	-	40	0,064	0,13	PT 1/4"	6,5	0,2	71
RRI-8003	RRI	1,6	1	4	-	60	0,116	0,20	PT 1/4"	6,5	0,4	72
RRI-8004	RRI	2,6	2	7	-	140	0,23	0,34	PT 1/4"	6,5	0,3	73
RRI-8011	RRI	3,3	2,8	10	2	280	0,584	0,52	PT 1/4"	6,5	1	76
RRI-8031	RRI	4,8	4	13	5,5	450	0,956	0,83	PT 1/4"	6,5	1	75
RRI-8032	RRI	7	6	-	-	790	2,7	2	PT 1/4"	6,5	1,5	78

* Steel FE 370 / **Without blades (power cutters are supplied without blade, see for cutters and the choice of the blades p. 52)

DIMENSIONS

Type	A mm	B mm
RRI-8002	30	104
RRI-8003	36	124
RRI-8004	45	156
RRI-8011	56	192
RRI-8031	56	280
RRI-8032	75	390





Sawblades for the RRJ-8205

Description	Order number	Teeth
5-pack sawblades length: 140 mm	8205-518-00 8205-524-00	18-teeth 24-teeth



Sawblades for the RRJ-8210

Description	Order number	Teeth
5-pack sawblades: 74 mm	31418-5	18 teeth/inch St37, V2A, wood, plastics, metal plate up to 2,5 mm
5-pack sawblades: 74 mm	31442-5	24 teeth/inch St37, V2A, aluminium, metal plate up to 2 mm
5-pack sawblades: 74 mm	31432-5	32 teeth/inch, St37, V2A, aluminium, metal plate up to 1 mm
Files 5 mm length: 74 mm	8210-501-00 8210-502-00 8210-503-00 8210-504-00	5 mm, square 5 mm, round 5 mm, half-round 5 mm, triangle



Sawblade and chain for the RRI-8560

Description	Order number	Brand
Sawblade	140SPET041 DZ	Oregon
Chain	91VLX	Oregon

Sawblade and chain for the RRI-8550*

Description	Order number	Brand
Sawblade	140SPEA041	Sandvik
Chain	91VG-52E	Sandvik

* The RRI-8550 is no longer available.



Pipe clamps & sawblades for the RRI-8460

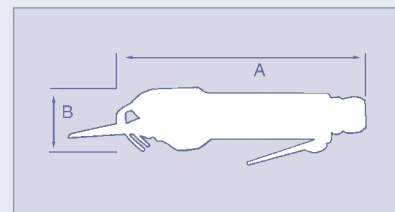
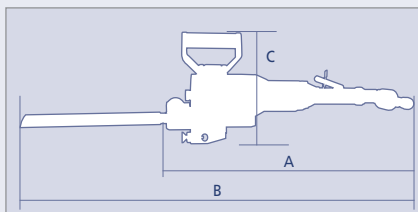
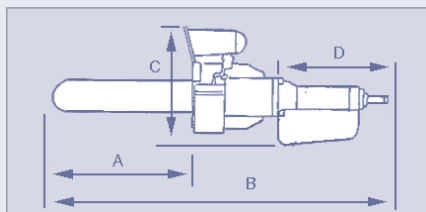
Description	Order number	Dimensions	Teeth
Pipe clamp	8460-200-00 8460-201-01 8460-205-00	6" 12" 20"	
Extension chain	8460-201-50		
HSS-sawblades	Z22-10 Z22-6 Z22-7 Z22-72 Z22-73 Z22-75 Z22-31 Z22-30 Z22-37 Z22-9 Z22-29 Z22-74	200 x 25 x 1,5 300 x 25 x 1,5 400 x 25 x 1,5 500 x 28 x 2 600 x 28 x 2 770 x 28 x 2 300 x 25 x 1,5 530 x 28 x 1,5 940 x 32 x 2 200 x 25 x 1,5 400 x 25 x 1,5 600 x 28 x 2	22 teeth/inch 16 teeth/inch 16 teeth/inch 14 teeth/inch 14 teeth/inch 12 teeth/inch 12 teeth/inch 12 teeth/inch 12 teeth/inch 8 teeth/inch 8 teeth/inch 8 teeth/inch
HSS-sawblade	Z22CT-06	300 x 25 x 2	16 teeth/inch
Sawblades tungsten carbide coating	2CT-72 2CT-73	500 x 32 x 2,5 600 x 32 x 2,5	- -



Swivel Joint voor de RRJ-8205 & RRJ-8210

Description	Order number
Universal Swivel Joint 1/4"	922A18

Type	A mm	B mm	C mm	D mm
RRJ-8205	367	65	-	-
RRJ-8210	365	80	-	-
RRI-8460	460	537	240	-
RRI-8560	340	650	20	200



SAWS

Reciprocating saws



RRJ-8205



RRJ-8210

Type	Brand	Capacity steel mm	Capacity aluminium mm	Strokes min ⁻¹	Stroke mm	Power kW	Air cons l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRJ-8205*	RR	10	12	5.000	25	0,25	2,8	0,96	PT 1/4"	6,5	3,5	79
RRJ-8210*	RR	3,1	3,9	9.500	10	0,25	2,8	0,51	PT 1/4"	6,5	3,5	78

*Standaard in set. Zaagbladen en roterende koppeling meegeleverd. | Toebehoren voor zagen op pag.54

Characteristics:

- Vibration reduced and lightweight.
- Both tools are delivered with a swivel joint that allows the tool to move very flexible despite the air-hose.
- The sawing tools are delivered in a blow molded case, including an assortment of saw-blades.
- The RRJ-8210 has a full composite body; the RRJ-8205 has a plastic layer over its housing, offering good thermal isolation.
- For thin (sheet-) material, the RRJ-8210 is the best choice of tool, whilst the RRJ-8205 is better for heavier sawing-jobs.
- Files in different shapes, sawblades and other accesories are available on request.

Pipe saw



RRI-8460



This pipesaw of RED ROOSTER is intended for heavy industrial use.

Always use the tube spanner and chain for fixation of the tool!

Type	Brand	Capacity steel Ø mm	Strokes p/min	Stroke mm	Power kW	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-8460	RRI	45-530	300	65	1,1	20	8	BSP 3/4"	19	1,7	82

Accessories for saws on page 54

Chain saw



RRI-8560



Type	Brand	Length sawblade inch	Max capacity mm	RPM ⁻¹	Power kW	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-8560	RRI	14"	340	18.000	1,5	50	7,6	BSP 3/4"	19	< 2,5 m/s ²	98

Accessories for saws on page 54

RED ROOSTER AIR CHAIN HOISTS & TROLLEYS



PNEUMATIC HOISTS

With the RED ROOSTER Air Hoists we specialise in the sale, rental and repair of air powered hoists, trolleys and winches. Our pneumatic hoists with safe working loads ranging from 125kg to 100 tonne are conform with the EC Machinery Directive and the European Standard for hoists BS EN 14492-2. All of our hoist parts are manufactured in either Japan or Europe, controlled under the ISO 9001: 2008 quality control system.

The RED ROOSTER TMM, TCR, TCS, TNC and TMH series pneumatic hoists offer a comprehensive range of hoists suited for all types of industrial and marine environments. For use in areas where there is a risk of explosion due to flammable gases or dust, we can offer a range of ATEX classifications to suit your requirements. With safety the number one priority, RED ROOSTER hoists have been used and tested for the past 25 years. Where engineers and operators require a hoist fit for purpose, easily controlled and maintained, with readily available spare parts, you'll find RED ROOSTER hoists. We have the perfect lifting solution for where the duty is high, or where a robust hoist is required to withstand harsh conditions. As standard, RED ROOSTER hoists are able to work within a temperature range of -10°C to +70°C, with some slight modifications suitable to use at -20°C.



PNEUMATIC TROLLEYS

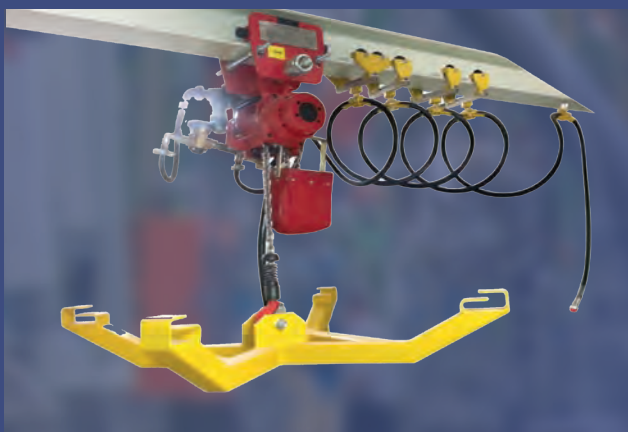
The RED ROOSTER range of trolleys is designed to match our range of pneumatic hoists, with capacities from 250 kg to 50 tonne, but they are easily adapted to be used with other manufacturers hoists. The trolleys are designed to work on a wide range of beam sizes and beam types, with parallel or tapered flanges. The trolley can either have a lifting lug to hook in the hoist or be built in using a link plate. The versatile design and interchangeable parts can be used on a range of geared, low headroom, articulated and overhead crane units.

TROLLEYS (0,125 - 100 TONNE)

FEATURES

- TOKU high quality vane motor and planetary, gearbox with long life grease
- Overload protection
- High strength cast steel housing for durability
- Compact and lightweight for easy handling
- Extended duty cycles and frequent reversals
- Variable speed for raising and lowering accurately
- Alloy steel hooks with safety catches (Bottom hook fitted with thrust bearing for easy operation)
- Adjustable load limiter (Not for TMM, TCR Mini or TCS)
- Failsafe automatic disk brake (fully enclosed) ensures the load cannot fall if power is lost
- Emergency stop
- Mechanical upper and lower hoist limits
- Lifting heights to meet your need
- Choice of cord, pendant control or control systems
- Low noise level down to 80 dB (Silencer and filter easily changed)
- Low air consumption (TCR and TMH model)
- Air pressure from 4,5 to 6 Bar (7 Bar maximum)
- Durable in harsh environments
- Self cooling air motor with the exhaust over the motor
- Low maintenance
- Easily available spares at the right conditions
- Hoist body manufactured in Japan, all other parts in Europe
- High quality calibrated load chain of European/Japanese manufacture with 5:1 FOS
- High speed (TCS model)
- Ex classification to EC directive 94/9/EC (ATEX models)
- Various paint specifications and colours

OPTIONAL FEATURES



- (Ultra) and low headroom
- Marine Specification/Corrosion resistant
- Paint systems from C2 - Industrial to C5 - Offshore specification (Red finish as standard. Other RAL colours available on request)
- Choice of pendants/control systems
- Radio control pendant for electro pneumatic controls
- Chain collectors (PVC, galvanised or stainless steel)
- Various types of hook or clevis available
- Air supply systems and valves
- Piped away exhaust air
- In house design for "specials"
- Festoon systems
- Main air shut off valve

ATEX



The RED ROOSTER Spark Resistant Air chain Hoists are very suitable to be used in explosion dangerous areas because air does not generate sparks (on the contrary to electricity). RED ROOSTER Spark Resistant Air chain Hoists are very economical, and supplied at very competitive prices.

All standard RED ROOSTER pneumatic hoists and trolleys from 250 kg to 100 tonne can be certified for use in II 3 GD c IIA T4¹⁾ area and with additional protection built into the hoist they can be certified for II 2 GD c IIB T4²⁾ & II 2 GD c IIC T4²⁾ area.

¹⁾ Formerly known as zone 2 & 22

²⁾ Formerly known as zone 1 & 21

BROCHURE

RED ROOSTER AIR CHAIN HOISTS



For a complete overview of the RED ROOSTER Air Chain Hoists & Trolleys ask for the special brochure RED ROOSTER AIR CHAIN HOISTS or visit our website: www.rami-yokota.com

RED ROOSTER AIR CHAIN HOISTS

Compact hoists for "Material-Handling"

The RED ROOSTER compact hoists are suitable for "material-handling". The pendant control is direct on the lower hook, so the operator can control and position the load easily and direct. The perfect solution for horizontal movements is the combination with a push trolley.

Mini air chain hoists light, strong & compact

The RED ROOSTER mini air chain hoists are besides industrial use also very suitable for "material handling". Due to the low weight are these hoists very suitable for service applications

TCS Air Chain Hoists with high speed

These series RED ROOSTER Air Chain Hoists are especially developed for the "Material Handling Industry" for example: warehousing, packaging etc. These hoists have very high lifting and lowering speed and are therefore also very suitable for applications with long lifting heights.

Air Chain Hoists TCR series 0,25 - 6 tonnes

These RED ROOSTER Air Chain Hoists are especially developed for heavy industrial use. Robust cast steel body. Valveblock same for all models, less spare parts. Standard with load limiter.

TMH-Series: Air Chain Hoists: 3 - 6 Tonnen

The NEW RED ROOSTER TMH series air chain hoists has the highest lifting speed with the lowest headroom on the hoist market.



TMM-140AE



TCR-250ME

Type	Capacity t	Lifting speed full load m/min	Lowering speed full load m/min	Lifting speed without load m/min	Lowering speed without load m/min	Number of chain falls	Air consumption full load l/s
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COMPACT HOIST FOR - "MATERIAL-HANDLING"

TMM-140AE	0,14	11	15	15	11	1 (wire-rope)	8
TCR-250ME	0,25	8	16	19	13	1	11,7

RED ROOSTER MINI AIR CHAIN HOISTS

TCR-125C	0,125	14	16	19	13	1	11,7
TCR-125DPE	0,125	12,8	14,8	17,2	13	1	11,7
TCR-250C	0,25	9,3	17	19	13	1	11,7
TCR-250DPE	0,25	8,1	15,9	17,2	13	1	11,7
TCR-500C2	0,5	4,5	8,5	9,5	6,5	2	11,7
TCR-500DP2	0,5	4,5	8,5	9,5	6,5	2	11,7

TCS AIR CHAIN HOISTS HIGH SPEED

TCS-500 C/PE	0,5	17	43	33	19	1	33
TCS-980 C2/P2E	0,99	8,5	21,5	16,5	9,5	2	33

RED ROOSTER AIR CHAIN HOISTS TCR SERIES 0,25 - 6 TONNES

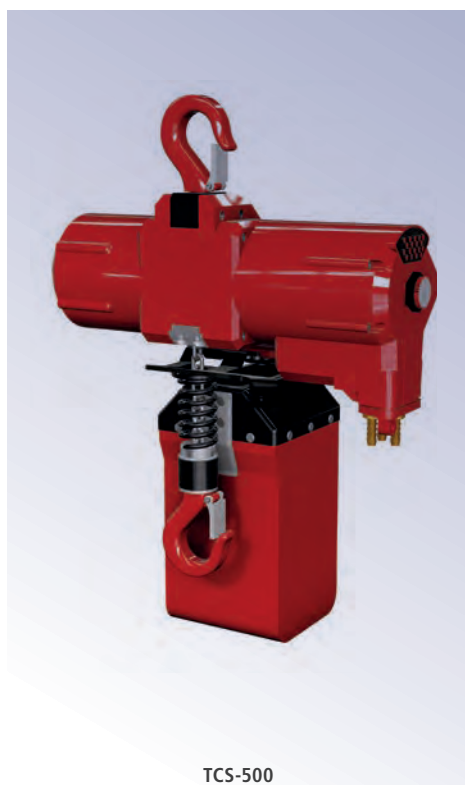
TCR-600250 C/PE	0,25	10,5	17,9	20,5	13,4	1	25
TCR-500 C/PE	0,5	10,5	17,9	20,5	13,4	1	25
TCR-1000 C2/P2E	1	5,3	9	10,3	6,7	2	25
TCR-1000 C/PE	1	6	10,3	11,3	6,8	1	25
TCR-2000 C2/P2E	2	3	5,2	5,7	3,4	2	25
TCR-3000 C/PE	3	2,8	4,6	5,4	3,3	1	33
TCR-6000 C2/P2E	6	1,4	2,3	2,7	1,7	2	33

NEW RED ROOSTER TMH SERIES AIR CHAIN HOISTS: "THE HIGHEST LIFTING SPEED WITH THE LOWEST HEADROOM"

TMH-3000 C/PE	3	5,2	10,2	10,8	7	1	68
TMH-6000 C/PE	6	2,8	5,1	5,4	3,6	2	68

Technical specifications at 0,63 MPa (dynamic airpressure at 6,3 Bar)

RED ROOSTER AIR CHAIN HOISTS



TCS-500



TCR-3000



TMH-3000

Inlet thread	Hose diameter mm	Weight kg incl. 3 m lift	Load limiter	Air trolley	4-button control with emergency stop (VTP-4E)	Chain size mm	Chain weight kg/m	Chain bag/chain bucket	SMC air treatment unit (+)
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PT 3/8"	13	9	-	+	-	-	-	-	AC30-F03DM-8-B
PT 3/8"	13	11	-	+	-	4x12RTS	0,35	+	AC30-F03DM-8-B

PT 3/8"	13	7	-	+	+	4x12RTS	0,35	+	AC30-F03DM-8-B
PT 3/8"	-	8,6	-	+	+	4x12RTS	0,35	+	AC30-F03DM-8-B
PT 3/8"	13	7	-	+	+	4x12RTS	0,35	+	AC30-F03DM-8-B
PT 3/8"	13	8,6	-	+	+	4x12RTS	0,35	+	AC30-F03DM-8-B
PT 3/8"	13	8,5	-	+	+	4x12RTS	0,35	+	AC30-F03DM-8-B
PT 3/8"	13	8,5	-	+	+	4x12RTS	0,35	+	AC30-F03DM-8-B

PT 1/2"	13	15,9	-	+	+	6,3x19,1	0,9	+	AC40-F04DM-8-B
PT 1/2"	13	16,8	-	+	+	6,3x19,1	0,9	+	AC40-F04DM-8-B

PT 1/2"	13	31	*	+	+	6,3x19,1	0,9	+	AC40-F04DM-8-B
PT 1/2"	13	31	*	+	+	6,3x19,1	0,9	+	AC40-F04DM-8-B
PT 1/2"	13	34	*	+	+	6,3x19,1	0,9	+	AC40-F04DM-8-B
PT 1/2"	13	35	*	+	+	7,1x 21	1,1	+	AC40-F04DM-8-B
PT 1/2"	13	40	*	+	+	7,1x21	1,1	+	AC40-F04DM-8-B
PT 1/2"	19	69	*	+	+	11,2x34	2,2	+	AC40-F04DM-8-B
PT 1/2"	19	90	*	+	+	11,2x34	2,2	+	AC40-F04DM-8-B

FROM ON THE HOIST MARKET"

3/4" BSP	3/4"	99	*	+	+	13x36	0,9	+	AC60-F10DM-8-B
3/4" BSP	3/4"	103	*	+	+	13x36	0,9	+	AC60-F10DM-8-B

* = standard integrated / + = optional / - = not available

OFFSHORE AND INDUSTRIAL AIR PUMPS

SUMP- AND BARRELPUMPS



The YOKOTA YP pumps are high quality sump pumps for use on board of ships. The pumps are made of bronze and especially suitable to use in acid environments. The YOKOTA barrelpump YPP-1 is developed to pump liquids from barrels, such as fuel, oil, water or chemicals.

Type	Brand	Description	Max. capacity	Max. capacity m	Air-cons. l/s	Weight kg	Air hose Ø mm	Outlet hose Ø mm	Air return hose Ø mm
YPP-1*	YOKOTA	Piston pump	65 l/min	40	7,5	8,8	10	19	-
YP-18	YOKOTA	Bronze sump pump	55 t/h	25	33	19	19	65	25
YP-35	YOKOTA	Bronze sump pump	80 t/h	41	73	32	25	65	38

* YPP-1: Connection thread PT 1 1/2" / Inlet thread PT 1/4" / Outlet thread PT 3/4"

DIMENSIONS

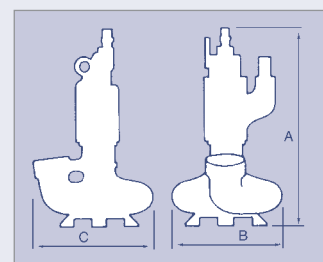
Type	A mm	B mm	C mm	-
YPP-1	606	68	-	-
YP-18	525	189	250	-
YP-35	550	270	320	-

Option

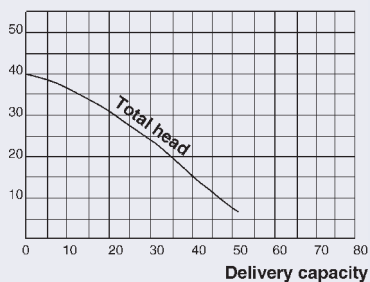
Teflon-packings/seals for de YPP-1

7003-1009-11-11 8010-0315-11-11

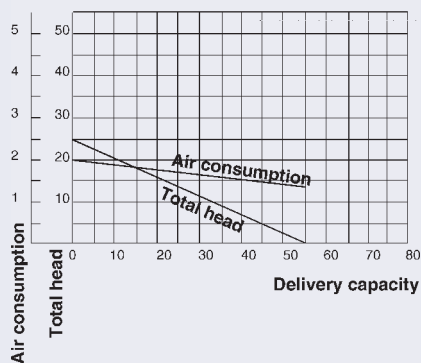
7003-1014-11-11 9010-1026-11-11



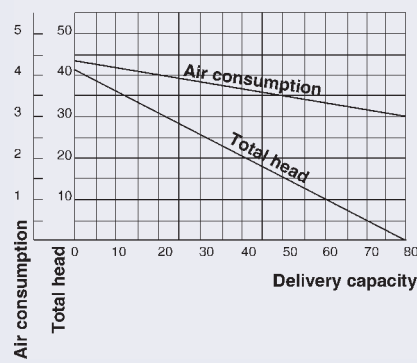
Performance curve YPP-1



Performance curve YP-18



Performance curve YP-35



Type YPP-1 has been developed for pumping liquids from drums. The pump fits on standard oil-drums with a normal 1 1/2" pipe thread opening. The models YP-18 and YP-35 are made of bronze and are suitable to pump aggressive liquids and acids.

ASSEMBLY TOOLS

TIP DRESSERS

Everybody has the problem of worn tips when working with spotwelding machines. They produce either poor welds or no welds at all. It reflects the quality and productivity of your work. Of course you can replace the worn tips for new ones. It might be a better idea to recondition the worn tips by means of YOKOTA tip dressers.

Dressing can be done by the worker by hand (YNR-type) or the tip dressers are integrated into the cycles of a spotwelding robot and programmed according to your own needs and wishes (TDN-type). The YOKOTA tip dressers do not only clean the surface, but also the original shapes and edges of the tips are restored.

HOG RINGERS

The YOKOTA hog ringers are used for the assembly of carseats, chairs, beds, fencing etc. This tool is used to fix the cushion material or the leather material on the seatframe with hog rings.

DOWEL PIN PULLERS FOR MATRIX, CASTING AND PRESS-MOULDING

The YOKOTA dowel pin puller is used in matrix, casting and press-moulding industries, for setting and removing dowel pins in moulds or presses. The dowel pin puller is an easily operated air tool that simplifies the pulling or hammering operation of threaded dowel pins, saving time and improving working efficiency.

TAILOR MADE FOR THE ASSEMBLY INDUSTRY

Tools adapted to your needs.

DOWELL PIN PULLERS

For matrix, casting and press-moulding



YDP-13

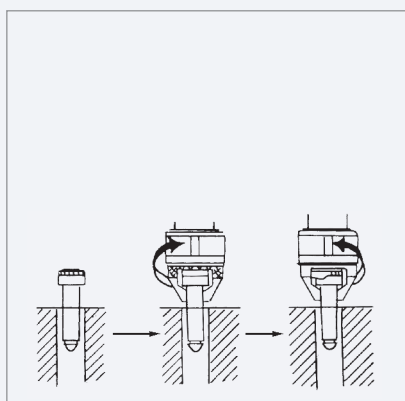


YDP-20

The YOKOTA dowel pin puller is used in matrix, casting and press-moulding industries, for setting and removing dowel pins in moulds or presses. The dowel pin puller is an easily operated air tool that simplifies the pulling or hammering operation of threaded dowel pins, saving time and improving working efficiency.

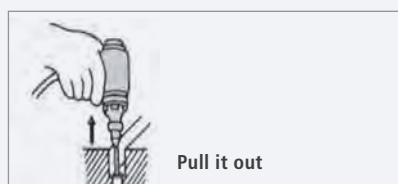
Type	Brand	Capacity pin mm	Stroke mm	Blows min ⁻¹	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm
YDP-13	YOKOTA	13	30 x 25	5.000	3,3	1,35	PT 1/4"	6,5
YDP-20	YOKOTA	20	36 x 33	2.700	4,3	2,10	PT 1/4"	6,5

PULLING & HAMMERING OPERATION



Pulling operation

1. Screw hanger bolt to threaded pin.
2. Fit dowel pin to guide hole.
3. Lock hanger bolt.
4. Operate the tool to pull up the pin.



Pull it out

Hammering operation

1. Screw hanger bolt to threaded pin.
2. Fit dowel pin to guide hole.
3. Place the tool reversed on dowel pin.
4. Operate the tool to hammer dowel pin.



Hammering in

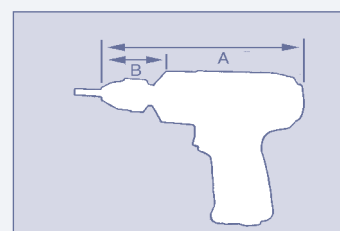
ACCESSORIES

Hanger bolts for YDP-13	Order number		Hanger bolts for YDP-20	Order number	
M8 x 29L	6502-0022-00-01		M12 x 36L	6503-0022-00-01	
M6 x 23L	6502-0022-00-02		M10 x 33L	6503-0022-00-02	
M5 x 21L	6502-0022-00-03		M8 x 32L	6503-0022-00-03	
M4 x 21L	6502-0022-00-04		M8 x 100L	6503-0022-00-04	
M8 x 50L	6502-0022-00-05		M8 x 150L	6503-0022-00-05	
M8 x 100L	6502-0022-00-06		M8 x 200L	6503-0022-00-06	
M8 x 150L	6502-0022-00-07		M10 x 100L	6503-0022-00-07	
M8 x 200L	6502-0022-00-08		M10 x 150L	6503-0022-00-08	
M6 x 50L	6502-0022-00-09	*	M10 x 200L	6503-0022-00-09	
M6 x 100L	6502-0022-00-10		M12 x 100L	6503-0022-00-10	
M6 x 150L	6502-0022-00-11		M12 x 150L	6503-0022-00-11	
M6 x 200L	6502-0022-00-12		M12 x 200L	6503-0022-00-12	
M5 x 50L	6502-0022-00-13	*	M8 x 50L	6503-0022-00-13	*
M5 x 100L	6502-0022-00-14		M10 x 50L	6503-0022-00-14	*
M5 x 150L	6502-0022-00-15		M12 x 50L	6503-0022-00-15	*
M5 x 200L	6502-0022-00-16		M6 x 50L	6503-0022-00-16	
M4 x 50L	6502-0022-00-17	*			
M4 x 100L	6502-0022-00-18				
M4 x 150L	6502-0022-00-19				
M4 x 200L	6502-0022-00-20				

L = Length
* Supplied as standard



DIMENSIONS



Type	A mm	B mm
YDP-13	162	75
YDP-20	195	82

TAILOR MADE FOR THE ASSEMBLY INDUSTRY

Please inform us about your specific application needs, so we can make you a suitable proposal. On this page some examples of our possibilities.



YEX-150S
with crowfoot



Y-70E
with crowfoot



YSA-4T-X1
Hub nut cimping tool



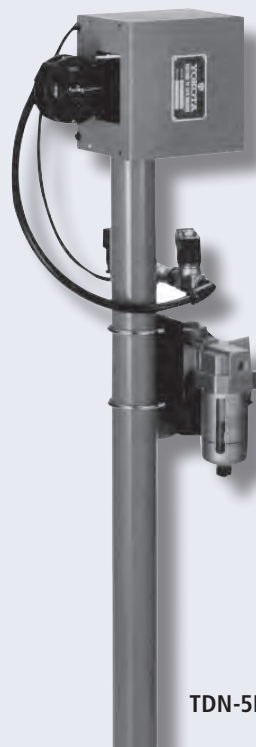
Y-61
with crowfoot



Y-61
with crowfoot



YED-240S
with crowfoot



TDN-5D

Examples of customized RED ROOSTER impulse wrenches



VARIOUS TOOLS: **WORKSHOP ESSENTIALS**

IN EVERY WORKSHOP

These airtools should be available in every workshop. The engraving pen helps you to mark your (hand-)tools and produce type. Blow guns can be supplied in a simple RED ROOSTER variant or in a SMC model which will save you air and thus money.

MULTI-CUTTER

The RED ROOSTER multi-cutter RR-476 is a true multi-talent. Sawing, sanding and cutting with only one tool.

RIVETERS

The RED ROOSTER riveters work with the most usual sizes of rivets. If the current handtools for the rivets are a burden for your employees, use the RED ROOSTER air-riveter.

(SPRING)BALANCERS

In order to support the weight of pneumatic, hydraulic and electric tools, the use of a spring balancer should be considered. The performance of the tools will be speeded up due to good balance and reduced operator fatigue, when using a spring balancer.

Applications:

- When heavy tools/machines have to be portable.
- Fitting of centre lathe chuck.
- Transportation of parts in a production line.

The models ELF and TW from TW-9 upwards have a safety mechanism which starts working in case of spring breakage.

POLYURETHANE AIR HOSES

No kinks after bending!

The hose stretches easily and retracts automatically. This increases productivity and safety.

KOMBI-KIT

The combi-kit is a tool carrier complete with SMC filter/regulator/lubricator unit 3/8" type AC30-F03E + pressure gauge.

LUBRICATING OIL

ATLUB is the perfect lubricant especially developed to meet the lubrication requirements of pneumatic tools.

VARIOUS TOOLS: WORKSHOP ESSENTIALS

RED ROOSTER Multi-cutter

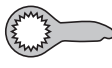
Typ RR-476 can be used as saw (with sawblade), for cutting urethane-bonded windows (with various blades) and as a sander (with triangle sanding pad).

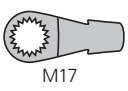


Type	Brand	Sawing capacity mm	Movements p/min	Air cons. l/stroke	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RR-476	RR	1	0 - 22.000	6,5	1,1	PT 1/4"	6,5	2,6	90

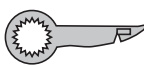
ACCESSORIES

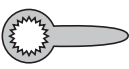
	Order number	Type	Dimension
	475L16	639-03-122-011	16 mm
	475LR16	639-03-099-010	16 mm
	475L23	639-03-173-010	23 mm
	475L25	639-03-124-013	25 mm
	475L27	639-03-174-018	27 mm
	475L45	639-03-168-018	45 mm
	475LR46	639-03-179-011	46 mm
	475LR54	639-03-160-015	54 mm
	475LR58	639-03-097-018	58 mm
	475L55	639-03-123-015	55/32 mm
	475L80	639-03-171-013	80/70 mm
	475L85	639-03-081-013	85/60 mm
	475L85-1	639-03-125-017	85/70 mm
	475L110	639-03-194-016	110 mm

	Order number	Type	Dimension
	475VZ14	639-03-120-019	14 mm
	475VZ35	639-03-103-017	35 mm
	475VZ35-1	639-03-103-015	35 mm
	475VZ35-2	639-03-103-018	35 mm
	475VZ35-3	639-03-164-019	35 mm
	475VZ35-4	639-03-172-016	35 mm

	Order number	Type	Dimension
	475M12	639-03-129-050	12 mm
	475M13	639-03-113-016	13 mm
	475M17	639-03-144-011	17 mm
	475M18-1	639-03-146-018	18 mm
	475M25	639-03-105-019	25 mm
	475M25-1	639-03-131-017	25 mm
M17			
M13 / M25-1			
M12 / M18 / M25			

	Order number	Type	Dimension
	475N10	639-03-132-010	-

	Order number	Type	Dimension
	475X19	639-03-208-010	19 mm
	475X24	639-03-153-012	24 mm
	475X25	639-03-207-012	25,4 mm

	Order number	Type	Dimension
	475G26	639-03-121-018	56/26 mm
	475G35	639-03-073-011	56/35 mm
	475G40	639-03-176-015	74/40 mm

	Order number	Type	Dimension
	475KR11*	639-03-189-010	11 mm
	475KR16-1	639-03-133-014	16 mm
	475KR16/35	639-03-143-013	16/35 mm
	475KR18/39	639-03-170-014	18/39 mm
	475KR20/35	639-03-189-015	20/35 mm
	475KR32/46	639-03-195-010	32/46 mm
	475KR39	639-03-152-018	39 mm
	475KR42/60	639-03-182-015	42/60 mm
	475K45	639-03-072-017	45 mm
	475KR60/76	639-03-169-012	60/72 mm

	Order number	Type	Dimension
	475U10	639-03-083-010	10 mm
	475U16-2	639-03-108-014	16 mm
	475U18	639-03-087-019	18 mm
	475U18-1	639-03-127-014	18 mm
	475U19	639-03-118-013	19,5 mm
	475U22	639-03-115-018	22 mm
	475U24	639-03-076-016	24 mm
	475U28	639-03-163-011	28 mm
	475U32-2	639-03-191-011	32 mm
	475U32	639-03-114-014	32 mm
	475U32-1	639-03-147-012	32 mm
	475U36	639-03-079-012	36 mm
	475U40	639-03-110-010	40 mm
	475U40-1	639-03-156-017	40 mm
	475U45	639-03-154-010	45 mm
	475U52	639-03-153-012	52 mm
	475U60	639-03-101-010	60 mm
	475U60-2	639-03-107-016	60 mm
	475U60-3	639-03-157-011	60 mm
	475U70	639-03-155-014	70 mm
	475U95	639-03-111-019	95 mm

Type	Order number	Typ	Dimension
Sawblade	475101	635-02-102-016	Ø 63 mm - steel 1 mm
Sawblade	475801	635-02-103-010	Ø 80 mm - HSS
Sanding pad	475380	637-17-083-043	Grain 80
Sanding pad	4753150	637-17-087-042	Grain 150
Sanding pad	4753240	637-17-090-046	Grain 240
Sanding pad	476/TP	-	Triangle

VARIOUS TOOLS: WORKSHOP ESSENTIALS



RRI-4010



RRI-4011



RRI-9010



RRP-203



VMG11W-F02



RRI-21930

Riveters

Type	Brand	Traction kg	Capacity rivets diameter	Air cons. l/stroke	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-4010	RRI	900	until 4,8	1,15	1,5	PT 1/4"	6	1,5	76
RRI-4011	RRI	1.045	until 6,4	1,80	2	PT 1/4"	6	0,4	76

Engraving pen

Type	Brand	Needle diameter mm	Strokes p/min	Air cons. l/sec	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRI-9010	RRI	1,7	36.000	0,5	0,25	R 1/4"	4	0,7	62

Caulking gun

Type	Brand	Tube Ø x mm	Working pressure bar	Air cons. l/sec	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s ²	Noise level dB(A)
RRP-203	RR	50 x 215	2 - 4	-	1,1	PT 1/4"	6,5	-	-

Blow guns

Type	Brand	Air cons. l/sec	Weight kg	Inlet-thread	Hose diameter mm
RRI-21930	RRI	5	0,2	PT 1/4"	6,5
VMG11W-F02	SMC	1 - 6 *	0,2	PT 1/4"	6,5

* Depending on nozzle size, to be ordered separately, see below.

ACCESSORIES

For RRI-4010

Accessory	Order number	
Nose piece 3,2 mm	10416-1	*
Nose piece 4,0 mm	10416-2	*
Nose piece 4,8 mm	10416-3	*
Bottle for spent rivets	10448	*
Wrench	10447	*

* Supplied as standard

For RRI-4011

Accessory	Order number	
Nose piece 2,4 mm	14463	
Nose piece 3,2 mm	14464	*
Nose piece 4,0 mm	14465	*
Nose piece 4,8 mm	14466	*
Nose piece 6,4 mm	14468	*
Nose piece 4,8 mm T-Rivet	612716	*
Female inlet body	922A18	*
Rivet deflector	14470	*
Multi-wrench A	612904	*
Set key B	918905	*
Rubber boot	14453	*

* Supplied as standard

For RRI-9010

Accessory	Order number	
Engraving needle, fine	2-01-011-90	
Engraving needle, medium	2-01-011-91	*
Engraving needle, coarse	2-01-011-92	

* Supplied as standard

For VMG11WF02

Accessory	Order number
Nozzle Ø 1 mm	KN-R02-100
Nozzle Ø 1,5 mm	KN-R02-150
Nozzle Ø 2 mm	KN-R02-200
Mondstuk Ø 2,5 mm	KN-R02-250

VARIOUS TOOLS: WORKSHOP ESSENTIALS

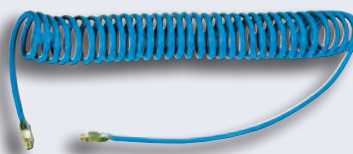
Polyurethane spiral air hoses

Type	Brand	Working length m	Total length m	Inside diameter mm	Outside diameter mm	Joint connection
PT-02510SJ	RR	2	2,5	6,5	9,5	1/4"
PT-02525SJ	RR	4	5	6,5	9,5	1/4"
PT-02550SJ	RR	9	10	6,5	9,5	1/4"
PT-03525SJ	RR	4	5	8	12	1/4"
PT-03550SJ	RR	9	10	8	12	1/4"
PT-04525SJ	RR	4,2	4,7	9,5	13,5	3/8"
PT-04550SJ	RR	9	10	9,5	13,5	3/8"



Features

- Both ends executed with universal swivel-joints
- Provided with straight ends of 10 and 50 cm
- Increased flexibility, no kinks after bending
- Max. pressure 8 bar
- Oil and petrol resistant
- Temperature -20°C. up to +60°C
- Swivel executed with ballbearings
- Can be used in combination with balancers



Polyurethane air hoses

Regulator

Features

- Can be easily inserted in the inlet of any air tool
- Reduces the flow of air and the power speed of the air tool



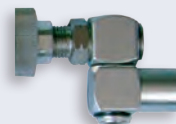
8130-1001-00-00

Type	Brand	Description	Inlet-thread
8130-1001-00-00	Yokota	Regulateur	PT 1/8"
8130-1002-00-00	Yokota	Regulateur	PT 1/4"
8130-1003-00-00	Yokota	10 steps regulateur	PT 1/4"

Universal swivel joint

Features

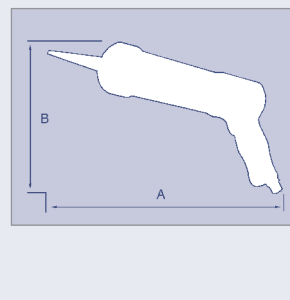
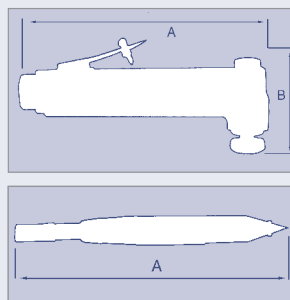
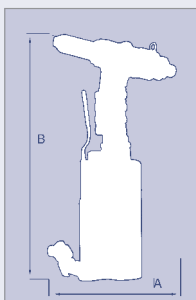
- Optimal ergonomics
- Swivels in all directions
- Increases flexibility of air tool use



Type	Order number
Universal Swivel Joint 1/4"	922A18
Universal Swivel Joint 3/8"	933A19
Universal Swivel Joint 1/2"	944A

DIMENSIONS

Type	A mm	B mm
RRI-4010	159	299
RRI-4011	198	315
RRI-9010	160	-
RRP-203	268	135
RRI-21930	80	250
RR-476	195	79
VMG	140	164



VARIOUS TOOLS: WORKSHOP ESSENTIALS

Springbalancers: standard model

Type	Brand	Capacity kg	Cable length m	Weight kg
RRI-9001/1	RRI	0,5 - 1,5	2	0,5
RRI-9003/1	RRI	1 - 3	2	0,7
RRI-9005/1	RRI	2,5 - 5	2	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
TW-22	RRI	15 - 22	1,5	7,2
TW-30	RRI	22 - 30	1,5	7,6
TW-40	RRI	30 - 40	1,5	9,8
TW-50	RRI	40 - 50	1,5	10,4
TW-60	RRI	50 - 60	1,5	11,6
TW-70	RRI	60 - 70	1,5	11,8
ETP-14	RRI	120 - 140	1,2	24,1
ETP-15	RRI	140 - 170	1,2	28,7
ETP-16	RRI	170 - 200	1,2	29,7



RRI-9001/1
RRI-9003/1 RRI-9005/1



TW-0



TW3 / TW-5



TW9 - TW-70

Springbalancers: 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"



HTB-0 / HTB-1 / HTB-2

Springbalancers: 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
ELF-22	RRI	15 - 22	2,5	10,2
ELF-30	RRI	22 - 30	2,5	11
ELF-40	RRI	30 - 40	2,5	14
ELF-50	RRI	40 - 50	2,5	14,5
ELF-60	RRI	50 - 60	2,5	17
ELF-70	RRI	60 - 70	2,5	18



ELF-3 - ELF-70

Extra safety

The models ELF and TW from TW-9 upwards have a safety mechanism which activates in case of spring breakage.

Dimensions

You can find the dimensions of our spring balances on our website.

VARIOUS TOOLS: WORKSHOP ESSENTIALS

Oil

ATLUB is the perfect lubricant especially developed to meet the lubrication requirements of pneumatic tools. ATLUB is based on a water soluble synthetic lubricant, containing a well balanced choice of additives to obtain following properties:

- Very good protection against wear, corrosion and oxidation
- No forming of ice in pneumatic tools and machinery
- A good protection against deposit in the pneumatic system
- Good cleaning properties
- Compatibility with seal and gaskets made from synthetic material

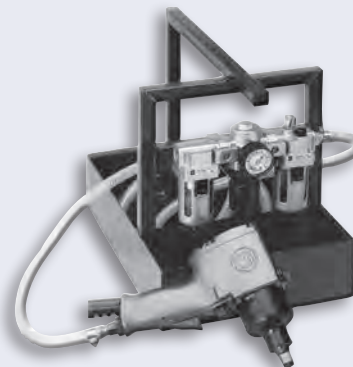
ATLUB can be used in an air-line or microfog lubricator for lubrication of hammers, pile-drivers drills, grinders, pumps, hoists, clamps and vices. ATLUB will not mix with other mineral oils.

With ATLUB as the lubricant it is possible to work at very low temperatures, even at - 25°C, without freezing of the pneumatic system.



Type	Brand	Description	Quantity Liter
ATLUB	RR	Lubricating oil	1
NOBP	YOKOTA	Oil for YOKOTA impulsewrenches	1
01-0508	RR	Oil for RED ROOSTER impulsewrenches	0,1
01-0508C	RR	Oil for RED ROOSTER impulsewrenches RRI-200(T)	0,1
01-0507	RR	Oil for RED ROOSTER impulsewrenches	1
01-0507C	RRI	Oil for RED ROOSTER impulsewrenches RRI-200(T)	1

VOKIT-100



KIT-100-KIT
(delivery without
impact wrench)

Type	Brand	Description	Height cm	Width cm	Depth cm	Height box cm
KIT-100-KIT (with AC30-F03E)	RR	Kombi-kit	40,5	25,5	32	7
VOKIT-100	RR	Kit only	40,5	25,5	32	7

AIR TREATMENT EQUIPMENT

If the pressure is too low the tool will show less performance and less precision, resulting in slow starting and less productivity. 1 bar pressure reduction means 25% power loss. Good quality air ensures a trouble-free use, longer lifetime and reduces maintenance costs significant.

LOW PRESSURE MAY OCCUR IF:

- The capacity of the compressor is insufficient
- The air piping has been pitched incorrectly
- There are air leaks
- The air treatment equipment is not functioning properly and/or not pitched correctly;
- The wrong size hose nipples or quick couplers are used
- The tank is too small

WATERSEPARATORS

With the SMC AMG water separators you can remove easily and cheaply 99% of water droplets. The water separators are compact and light weight. Available port sizes from 1/8" up to 2", therefore suitable for compressors (1-75 kW). Standard equipped with automatic drain for long term jobs.

FILTERS

The SMC filters have exceptional large air flow and a high rate of filtration. The filters guarantee a high level of the air quality due to separation of condensate by the centrifugal working and filtration of pollution.

REGULATORS

SMC regulators guarantee a constant secondary pressure, apart from fluctuations in port pressure or pressure decreases.

LUBRICATORS

For precise lubrication of machine components. From series 3.000 oil can be filled under pressure. Easy and precise adjustment. Lubrication already takes place with slight pressure drop.

AIR COMBINATION SETS

Combination set exist of EAF (filter), EAR (regulator) and EAL (lubricator). Or EAW (filter/regulator combination) and EAL (lubricator).

REFRIGERATED AIR DRYERS

The SMC refrigerated air dryer series IDFA removes humidity from your compressed air system and extends thereby the life span of all of your air tools

WATER SEPERATORS & COMBINATION SETS

AMG-SERIES

AMG-series - water separators

Type	Brand	Compressor kW	NI/min	Port size Rc	Weight kg	Mounting brackets	Filter elements
AMG150C-F02C	SMC	2,2	300	1/4"	0,38	AM-BM101	AMG-EL150
AMG250C-F03D	SMC	5,5	750	3/8"	0,55	AM-BM102	AMG-EL250
AMG350C-F04D	SMC	11	1.500	1/2"	0,9	AM-BM103	AMG-EL350
AMG450C-F06D	SMC	15	2.200	3/4"	1,4	AM-BM104	AMG-EL450
AMG550C-F10D	SMC	22	3.500	1"	2,1	AM-BM105	AMG-EL550
AMG650-F14D	SMC	37	6.000	1½"	4,2	BM56	AMG-EL650
AMG850-F20D	SMC	75	12.000	2"	10,5	BM57	AMG-EL850

Working pressure: 1,5 - 10 bar / Temperature working area: -5 tot 60°C.

Accessories like mounting brackets and filter elements available on request.

With the SMC water separators you can remove easy and cheaply 99% of water droplets. The water separators are compact and light weight. Available port sizes from 1/8" up to 2", therefore suitable for compressors (1-75 kW). Standard equipped with automatic drain for long term jobs. Long life due to the special resin with large mesh to reduce clogging.

You can use a water separator when:

1. air does not have to be dry for 100%
2. air dryer cannot be used
3. air dryer is expensive for needs

Note Mount filter as far as possible from the compressor for optimal functioning.



AMG

AC-SERIES - FILTER-REGULATOR-LUBRICATOR (MODULAR)

AC-series - combination of AF (filter), AR (regulator), AL (lubricator) and pressure gauge

Type	Brand	Port size	NI/min	Filter micron	Working pres. (MPa)	Bowl	Bowl with bajonet connection
AC20-F02E-B	SMC	1/4"	500	5	0,05 - 0,85	Polycarbonate	o
AC30-F03E-B	SMC	3/8"	2.000	5	0,05 - 0,85	Polycarbonate	s
AC40-F03E-B	SMC	3/8"	4.000	5	0,05 - 0,85	Polycarbonate	s
AC40-F04E-B	SMC	1/2"	4.000	5	0,05 - 0,85	Polycarbonate	s
AC40-F06E-B	SMC	3/4"	4.500	5	0,05 - 0,85	Polycarbonate	s
AC50-F06E-B	SMC	3/4"	5.000	5	0,05 - 0,85	Polycarbonate	s
AC50-F10E-B	SMC	1"	5.000	5	0,05 - 0,85	Polycarbonate	s
AC60-F10E-B	SMC	1"	7.000	5	0,05 - 0,85	Polycarbonate	s

o = optional, s = standard / Max. supply pressure: 1,5 MPa / Max. working pressure: 0,7 MPa / Temperature working area: -5 to 60° C.



AC-B

AC-series - combination of AW (filter, regulator combination), AL (lubricator) and pressure gauge

Type	Brand	Port size	NI/min	Filter micron	Working pres. (MPa)	Bowl	Bowl with bajonet connection
AC20A-F02E-B	SMC	1/4"	500	5	0,05 - 0,85	Polycarbonate	o
AC30A-F03E-B	SMC	3/8"	1.700	5	0,05 - 0,85	Polycarbonate	s
AC40A-F04E-B	SMC	1/2"	3.000	5	0,05 - 0,85	Polycarbonate	s
AC50A-F06E-B	SMC	3/4"	3.500	5	0,05 - 0,85	Polycarbonate	s

o = optional, s = standard / Max. supply pressure: 1,5 MPa / Max. working pressure: 0,7 MPa / Temperature working area: -5 to 60° C.

On request

- Other combinations
- Automatic drain, normally opened (add DE for E in order number). For good functioning, the drain line should have min. 8 mm diam. and should not be longer than 5 m
- Filtration 2, 10, 20, 40, 70, 100 µ
- Metal- or nylon bowls

Polycarbonate bowls may be damaged and could possibly fail if they are exposed to synthetic oils, thinner solvents, trichloorethylene, kerosene and other aromatics hydrocarbons.

If used in above atmosphere, please use a metal bowl (p.77).



AC..A-B

FILTERS

AF-SERIE (MODULAR)

AF-series - Filters

Type	Brand	Port size	NI/min	Filter micron	Bowl	Bowl with bajonet connection ¹⁾	Mounting brackets
AF20-F02-A	SMC	1/4"	750	5	Polycarbonate	s	AF22P-050AS
AF30-F02-A	SMC	1/4"	1.450	5	Polycarbonate	s	AF32P-050AS
AF30-F03-A	SMC	3/8"	3.900	5	Polycarbonate	s	AF32P-050AS
AF40-F03-A	SMC	3/8"	3.900	5	Polycarbonate	s	AF42P-050AS
AF40-F04-A	SMC	1/2"	3.900	5	Polycarbonate	s	AF42P-050AS
AF40-F06-A	SMC	3/4"	3.900	5	Polycarbonate	s	AF42P-070AS
AF50-F06-A	SMC	3/4"	6.500	5	Polycarbonate	s	AF52P-050AS
AF50-F10-A	SMC	1"	6.500	5	Polycarbonate	s	AF52P-050AS
AF60-F10-A	SMC	1"	9.800	5	Polycarbonate	s	AF52P-050AS
AF800-12	SMC	1 1/4"	12.000	5	Polycarbonate	s	-
AF800-14	SMC	1 1/2"	12.000	5	Polycarbonate	s	-
AF900-20	SMC	2"	20.000	5	Polycarbonate	s	-

¹⁾ o = optional, s = standard / Max. supply pressure: 1,5 MPa / Max. working pressure: 1,0 MPa / Temperature working area: -5 to 60° C.

On request

- Other combinations
- Automatic drain, normally opened (add D to order number). For good functioning, the drain line should have min. 8 mm diam. and can not be longer than 5 m
- Filtration 2, 10, 20, 40, 70, 100 µ
- Metal- or nylon bowls.

Polycarbonate bowls may be damaged and could possibly fail if they are exposed to synthetic oils, thinner solvents, trichloroethylene, kerosene and other aromatics hydrocarbons. If used in above atmosphere, please use a metal bowl (p. 77).



AF

AFM- AND AFD-SERIES (MODULAR)

AFM-series - microfilters

Type	Brand	Port size	NI/min	Filter micron	Bowl	Bowl with bajonet connection ¹⁾	Mounting brackets
AFM20-F02-A	SMC	1/4"	200	0,3	Polycarbonate	o	AF22P-050AS
AFM30-F02-A	SMC	1/4"	450	0,3	Polycarbonate	s	AF32P-050AS
AFM30-F03-A	SMC	3/8"	450	0,3	Polycarbonate	s	AF32P-050AS
AFM40-F03-A	SMC	3/8"	1.100	0,3	Polycarbonate	s	AF42P-050AS
AFM40-F04-A	SMC	1/2"	1.100	0,3	Polycarbonate	s	AF42P-050AS
AFM40-F06-A	SMC	3/4"	1.100	0,3	Polycarbonate	s	AF42P-070AS

¹⁾ o = optional, s = standard / Max. supply pressure: 1,5 MPa / Max. working pressure: 1,0 MPa / Temperature working area: -5 to 60° C.



AFM / AFD

AFD-series - submicrofilters

Type	Brand	Port size	NI/min	Filter micron	Bowl	Bowl with bajonet connection ¹⁾	Mounting brackets
AFD20-F02-A	SMC	1/4"	120	0,01	Polycarbonate	o	AF22P-050AS
AFD30-F02-A	SMC	1/4"	240	0,01	Polycarbonate	s	AF32P-050AS
AFD30-F03-A	SMC	3/8"	240	0,01	Polycarbonate	s	AF32P-050AS
AFD40-F03-A	SMC	3/8"	600	0,01	Polycarbonate	s	AF42P-050AS
AFD40-F04-A	SMC	1/2"	600	0,01	Polycarbonate	s	AF42P-050AS
AFD40-F06-A	SMC	3/4"	600	0,01	Polycarbonate	s	AF42P-070AS

¹⁾ o = optional, s = standard / Max. supply pressure: 1,0 MPa / Max. working pressure: 0,7 MPa / Temperature working area: -5 to 60° C.

On request

- Automatic drain, normally opened (add D to order number). For good functioning, the drain line should have min. 8 mm diam. and should not be longer than 5 m.
- Metal- or nylon bowls.

The microfilters do have an exceptional large air flow and a high rate of filtration. They remove more than 99,9% oil. The filter should be replaced if the decrease of air pressure is 1 bar or more.

FILTER/REGULATORS

AW-SERIES (MODULAR)

AW-series - filter/regulators

Type	Brand	Port size	NI/min	Port size press. gauge	Working press. (MPa)	Filter micron	Bowl	Mounting nut	Bowl with bajonet connection	Mounting brackets
AW20-F02E-B	SMC	1/4"	500	R1/8	0,05 - 0,85	5	Polycarbonate	AR23P-260S	o	AW23P-270AS ¹⁾
AW30-F03E-B	SMC	3/8"	1.550	R1/8	0,05 - 0,85	5	Polycarbonate	AR33P-260S	s	AR33P-270AS ¹⁾
AW40-F04E-B	SMC	1/2"	2.800	R1/8	0,05 - 0,85	5	Polycarbonate	AR43P-260S	s	AR43P-270AS ¹⁾
AW40-F06E-B	SMC	3/4"	4.000	R1/8	0,05 - 0,85	5	Polycarbonate	AR43P-260S	s	AR43P-270AS ¹⁾
AW60-F10E-B	SMC	1"	9.000	Integrated	0,05 - 0,85	5	Polycarbonate	-	s	AW62P-270 AS ²⁾

¹⁾ Supplied with mounting nuts / ²⁾ Supplied with mounting screws / ³⁾ o = optional, s = standard
 Max. supply pressure: 1,5 MPa / Max. working pressure: 1,0 MPa / Temperature working area: -5 to 60° C.

On request

- Automatic drain, normally opened (add DE for E in order number).
 For good functioning, the drain line should have min. 8 mm diam. and should not be longer than 5 m.
- Filtration 2, 10, 20, 40, 70, 100 µ.
- Metal- or nylon bowls.



AW20-B

AR-SERIES (MODULAR)

AR-series - regulators

Type	Brand	Port size	NI/min	Port size pressure gauge	Working pressure (MPa)	Mounting nut	Mounting brackets
AR20-F02E-B	SMC	1/4"	500	Integrated	0,05 - 0,85	AR23P-260S	AR23P-270AS*
AR30-F03E-B	SMC	3/8"	2.800	Integrated	0,05 - 0,85	AR33P-260S	AR33P-270AS*
AR40-F03E-B	SMC	3/8"	4.300	Integrated	0,05 - 0,85	AR43P-260S	AR43P-270AS*
AR40-F04E-B	SMC	1/2"	4.300	Integrated	0,05 - 0,85	AR43P-260S	AR43P-270AS*
AR40-F06E-B	SMC	3/4"	4.300	Integrated	0,05 - 0,85	AR43P-260S	AR43P-270AS*
AR50-F06E-B	SMC	3/4"	7.000	Integrated	0,05 - 0,85	-	AR52P-270AS**
AR50-F10E-B	SMC	1"	7.000	Integrated	0,05 - 0,85	-	AR52P-270AS**
AR60-F10E-B	SMC	1"	9.000	Integrated	0,05 - 0,85	-	AR52P-270AS**
AR825-12	SMC	1 1/4"	14.000	R1/4	0,05 - 0,85	-	-
AR825-14	SMC	1 1/2"	14.000	R1/4	0,05 - 0,85	-	-
AR925-20	SMC	2"	18.000	R1/4	0,05 - 0,85	-	-

* Supplied with mounting nuts / ** Supplied with mounting screws
 Max. supply pressure: 1,5 MPa / Max. working pressure: 1,0 MPa / Temperature working area: -5 to 60° C.



AR-B

AR-series - high pressure regulators

Type	Brand	Port size	NI/min	Port size pressure gauge	Working pressure (MPa)	Mounting nut	Mounting brackets
AR40-F03-X425	SMC	3/8"	4.500	R1/4	0,05 - 1,6	AR40P-260S	AR40P-270AS*
AR40-F04-X425	SMC	1/2"	5.000	R1/4	0,05 - 1,6	AR40P-260S	AR40P-270AS*
AR60-F10-X425	SMC	1"	8.000	R1/4	0,05 - 1,6	-	AR50P-270AS**

* Supplied with mounting nuts / ** Supplied with mounting screws
 Max. supply pressure: 3,0 MPa / Max. working pressure: 2,0 MPa / Temperature working area: -5 to 60° C.



AR

LUBRICATORS

AL-SERIE (MODULAR)

AL-series - lubricators

Type	Brand	Port size	NI/min	Lubricating from NI/min	Sight dome	Bowl	Bowl with bajonet-connection	Mounting brackets
AL20-F02-A	SMC	1/4"	1.550	15	AL20P-080AS	Polycarbonate	s	AF22P-050AS
AL30-F03-A	SMC	3/8"	3.100	30	AL20P-080AS	Polycarbonate	s	AF32P-050AS
AL40-F03-A	SMC	3/8"	7.800	40	AL20P-080AS	Polycarbonate	s	AF42P-050AS
AL40-F04-A	SMC	1/2"	7.800	40	AL20P-080AS	Polycarbonate	s	AF42P-050AS
AL40-F06-A	SMC	3/4"	7.800	40	AL20P-080AS	Polycarbonate	s	AF42P-070AS
AL50-F06-A	SMC	3/4"	10.000	190	AL20P-080AS	Polycarbonate	s	AF52P-050AS
AL50-F10-A	SMC	1"	10.000	190	AL20P-080AS	Polycarbonate	s	AF52P-050AS
AL60-F10-A	SMC	1"	14.000	220	AL20P-080AS	Polycarbonate	s	AF52P-050AS
AL800-12	SMC	1 1/4"	18.000	460	12316	Polycarbonate	s	-
AL800-14	SMC	1 1/2"	20.000	650	12316	Polycarbonate	s	-
AL900-20	SMC	2"	25.000	1.800	12316	Polycarbonate	s	-

¹⁾ o = optional, s = standard

Max. supply pressure: 1,0 MPa / Max. working pressure: 0,7 MPa / Temperature working area: -5 tot 60°C / Recommended oil norm: ISO VG32



AL-A

ALF/ALT-SERIES (MODULAR)

ALF-series - Auto feed lube

Type	Brand	Port size	Max. operating pressure	Min. operating flow (NI/min (ANR))	Bowl capacity cm³	Bowl	Weight kg
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Auto feed lube

ALF400-F02	SMC	1/4"	0,7 Mpa	65	-	Polycarbonate	0,85
ALF400-F03	SMC	3/8"	0,7 Mpa	100	-	Polycarbonate	0,85
ALF400-F06	SMC	3/4"	0,7 Mpa	120	-	Polycarbonate	0,88
ALF500-F06	SMC	3/4"	0,7 Mpa	190	-	Polycarbonate	1
ALF600-F10	SMC	1"	0,7 Mpa	220	-	Polycarbonate	1,15
ALF800-F12	SMC	1 1/4"	0,7 Mpa	460	-	Polycarbonate	1,85
ALF800-F14	SMC	1 1/2"	0,7 Mpa	650	-	Polycarbonate	1,85
ALF900-F20	SMC	2"	0,7 Mpa	1.800	-	Polycarbonate	1,9

Auto feed tank

ALT-5	SMC	Air 1/4" / Oil 3/8"	1,0 Mpa	-	5.000	Metal	12,6
ALT-5-IS-1*	SMC	Air 1/4" / Oil 3/8"	1,0 Mpa	-	5.000	Metal	13,2
ALT-9	SMC	Air 1/4" / Oil 3/8"	1,0 Mpa	-	9.000	Metal	26,0
ALT-9-IS-1*	SMC	Air 1/4" / Oil 3/8"	1,0 Mpa	-	9.000	Metal	26,6

*With float switch

Temperature working area: -5 tot 60°C / Recommended oil norm: ISO VG32



ALF



ALT

VARIOUS



EAD



ADH



AKM



VHS



ISE35

Type	Brand	For series	Port size	Operation	NI/min	Silencer	Working pressure MPa	Diameter mm
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EAD-series - automatic condensate drains

EAD202-F02	SMC	-	1/4"	Pneumatic	-	-	-	-
EAD202-F03	SMC	-	3/8"	Pneumatic	-	-	-	-
EAD402-F04	SMC	-	1/2"	Pneumatic	-	-	-	-
EAD600-F10	SMC	-	1"	Pneumatic	-	-	-	-
ADH4000-F04	SMC	-	1/2"	Pneumatic	-	-	-	-
ADM200-045	SMC	-	1/2"	Elektric (220V)	-	-	-	-

AKM-series - T-type spacers with check valve

AKM2000-F02-A	SMC	20	1/4"	-	750	-	-	-
AKM3000-F02-A	SMC	30	3/8"	-	1.700	-	-	-
AKM4000-F03-A	SMC	40	1/2"	-	3.150	-	-	-

VHS-series - shut-off valves

VHS20-F02-A	SMC	20	1/4"	-	750	AN103-01	-	-
VHS30-F03-A	SMC	30	3/8"	-	1.700	AN200-02	-	-
VHS40-F04-A	SMC	40	1/2"	-	3.150	AN300-03	-	-

K-series - pressure gauges external

G27-10-R1	SMC	10	1/16"	-	-	-	0 - 1	26
K8-10-40	SMC	20/30	1/8"	-	-	-	0 - 1	40
K4-10-50	SMC	40/50/60	1/4"	-	-	-	0 - 1	50

GC-series - pressure gauges internal

GC3-10AS	SMC	20/30/40/50/60	-	-	-	-	0 - 1	24
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ISE35-series - integrated pressure gauges with pressure switch and cable

Type	Brand	For series	Power supply	Cable length m	Protection degree	Display	Set pressure range	Output
ISE35-N-65-LA	SMC	20/30/40/50/60	12 - 24V DC	2	IP40	LED 2-colors	-0,01 - 1	PNP
ISE35-N-25-LA	SMC	20/30/40/50/60	12 - 24V DC	2	IP40	LED 2-colors	-0,01 - 1	NPN

Replacement filter elements

Series	Brand	Standard 5 µ	
20	SMC	AF20P-060S	-
30	SMC	AF30P-060S	-
40	SMC	AF40P-060S	-
50	SMC	AF50P-060S	-
60	SMC	AF60P-060S	-

BOWL FOR THE FRL-SERIES

For series	Brand	For lubricator	For filter	Polycarbonate	Nylon	Metal	Automatic drain	O-Rings
20	SMC	C2SL-A	C2SF-A	*	*			C2SFP-260S
		C2SL-23-A	C2SF-6-A C2SF-2-A AD27-C-A	*		*	*	
30	SMC	C3SL-A	C3SF-A	*	*			C3ZFP-260S
		C3SL-23-A	C3SF-6-A C3SF-2-A AD37-A	*		*	*	
40	SMC	C4SL-A	C4SF-A	*	*			C4ZFP-260S
		C4SL-23-A	C4SF-6-A C4SF-2-A AD47-A	*		*	*	
50	SMC	C4SL-A	C4SF-A	*	*			C4SFP-260S C4ZFP-2GOS
		C4SL-23-A	C4SF-6-A C4SF-2-A AD47-A	*		*	*	
60	SMC	C4SL-A	C4SF-A	*	*			C4ZFF-2GOS
		C4SL-23-A	C4SF-6-A C4SF-2-A AD47-A	*		*	*	



C2SL / C2SF

Polycarbonate bowls may be damaged and could possibly fail if they are exposed to synthetic oils, thinner solvents, trichloroethylene, kerosene and other aromatic hydrocarbons. If used in above atmosphere, please use a metal bowl.

ACCESSORIES SPACERS / BRACKETS



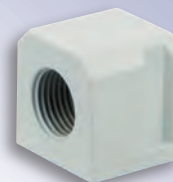
Y200-A
spacer



Y200T-A spacer
with bracket



Y210-F02-A
T-interface



E200-F02-A
piping adapter

Brand	For series	Port size	Spacer	Spacer with bracket	T-interface	Piping adapter
SMC	20	1/4"	Y200-A	Y200T-A	Y210-F02-A	E200-F02-A
SMC	30	3/8"	Y300-A	Y300T-A	Y310-F02-A	E300-F03-A
SMC	40	1/2"	Y400-A	Y400T-A	Y410-F03-A	E400-F04-A
SMC	40	3/4"	Y500-A	Y500T-A	Y510-F03-A	E500-F06-A
SMC	50	3/4"	Y600-A	Y600T-A	Y610-F04-A	E600-F06
SMC	50	1"	Y600-A	Y600T-A	Y610-F04-A	E600-F10
SMC	60	3/4"	Y600-A	Y600T-A	Y610-F04-A	E600-F06
SMC	60	1"	Y600-A	Y600T-A	Y610-F04-A	E600-F10

Piping adapters for easy installation and maintenance.

Spacers for mounting the combination without wall connection.

T-type bracket with fastening element for wall mounting.

Mounting brackets for the attachment of separate components in the corresponding product series.

REFRIGERATED AIR DRYER

IDFA SERIES

The SMC IDFA series of refrigerated air dryers are the result of over 40 years of experience combined with the latest compressed air and refrigeration technology. Built to international standards and backed by SMC's BS and ISO 9001 quality certification. The new IDFA series has ten standard models with nominal capacities ranging from 12 - 1.340 m³/h.

Series IDFA Refrigerated Air Dryer

- State of the art design ensures a constant +3°C pressure dew point
- High efficiency heat exchanger
- Environmentally ozone friendly refrigerants
- Conforms to stringent ISO8573-1 standards
- Simple control system with easy to read evaporator gauge
- Compact design for easy installation
- High performance, reliable and trouble free



IDFA series - standard specifications

Type	Brand	Inlet air-pressure (bar)	Inlet air-temp. (°C)	Ambient temp. (°C)	Power supply voltage	Power cons. W	Air port connections	Refrigerant	Weight kg
IDFA3E-23	SMC	0,15 - 1	5 - 50	2 - 40	1 Phase 230V AC 50Hz/60Hz	180	Rc 3/8	R134a	18
IDFA4E-23	SMC	0,15 - 1	5 - 50	2 - 40	1 Phase 230V AC 50Hz/60Hz	180	Rc 1/2	R134a	22
IDFA6E-23-K	SMC	0,15 - 1,6	5 - 50	2 - 40	1 Phase 230V AC 50Hz/60Hz	180	Rc 3/4	R134a	23
IDFA8E-23-K	SMC	0,15 - 1,6	5 - 50	2 - 40	1 Phase 230V AC 50Hz/60Hz	208	Rc 3/4	R134a	27
IDFA11E-23-K	SMC	0,15 - 1,6	5 - 50	2 - 40	1 Phase 230V AC 50Hz/60Hz	385	Rc 3/4	R134a	28
IDFA15E-23-K	SMC	0,15 - 1,6	5 - 50	2 - 40	1 Phase 230V AC 50Hz	470	Rc 1	R134a	46
IDFA22E-23-K	SMC	0,15 - 1,6	5 - 50	2 - 40	1 Phase 230V AC 50Hz	760	R 1	R407C	54
IDFA37E-23-K	SMC	0,15 - 1,6	5 - 50	2 - 40	1 Phase 230V AC 50Hz	760	R 1½	R407C	62
IDFA55E-23-L	SMC	0,15 - 1,6	5 - 50	2 - 40	1 Phase 230V AC 50Hz	1.130	R 2	R407C	100
IDFA75E-23-L	SMC	0,15 - 1,6	5 - 50	2 - 40	1 Phase 230V AC 50Hz	1.700	R 2	R407C	116
IDFA100F-40	SMC	0,15 - 1*	5 - 60	2 - 45	3 Phase 400V AC 50Hz	2.500	R 2	R407C	245
IDFA125F-40	SMC	0,15 - 1*	5 - 60	2 - 45	3 Phase 400V AC 50Hz	2.700	R 2½	R407C	270
IDFA150F-40	SMC	0,15 - 1*	5 - 60	2 - 45	3 Phase 400V AC 50Hz	2.700	DIN 80	R407C	350

* Also available with 0,15-1,6 MPa

Note: Thread adapters to convert Rc thread to R thread are included with IDFA3E to IDFA15E.

IDFA series

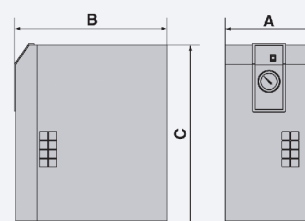
nominal air flow rate [m³/h (ANR)]*

Type	Brand	3°C Pressure dew point	7°C Pressure dew point	10°C Pressure dew point
IDFA3E-23	SMC	12	15	17
IDFA4E-23	SMC	24	31	34
IDFA6E-23-K	SMC	36	46	50
IDFA8E-23-K	SMC	65	83	91
IDFA11E-23-K	SMC	80	101	112
IDFA15E-23-K	SMC	120	152	168
IDFA22E-23-K	SMC	182	231	254
IDFA37E-23-K	SMC	273	347	382
IDFA55E-23-L	SMC	390	432	510
IDFA75E-23-L	SMC	660	720	822
IDFA100F-40	SMC	860	-	-
IDFA125F-40	SMC	1.100	-	-
IDFA150F-40	SMC	1.340	-	-

* Standard condition (ANR) with 20°C ambient temperature, atmospheric pressure and relative humidity of 65%. Performance data for pressure dew point in accordance with operating conditions from ISO7183 (P1=0,7 MPa, T1=35°C (saturated), cooling air temp. 25°C).

Dimensions IDFA-series

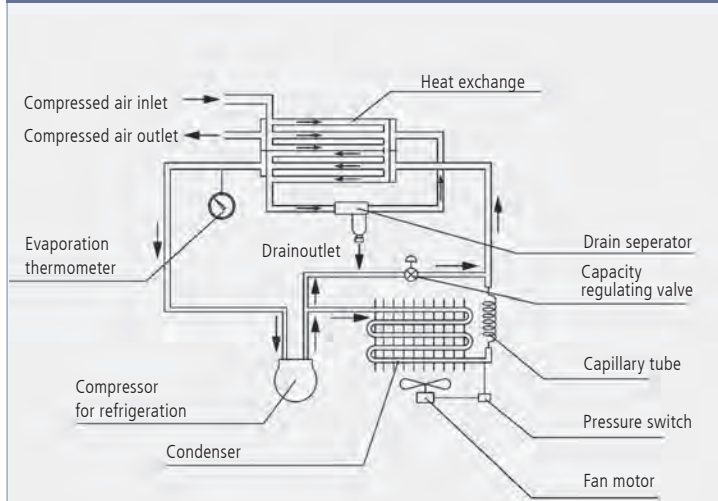
Type	A	B	C
IDFA3E-23	226	410	437
IDFA4E-23	270	453	498
IDFA6E-23-K	270	455	498
IDFA8E-23-K	270	485	568
IDFA11E-23-K	270	485	568
IDFA15E-23-K	300	603	578
IDFA22E-23-K	290	775	623
IDFA37E-23-K	290	855	623
IDFA55E-23-L	470	855	800
IDFA75E-23-L	470	855	900
IDFA100F-40	670	1.120	1.276
IDFA125F-40	700	1.120	1.276
IDFA150F-40	950	1.290	1.332



REFRIGERATED AIR DRYER

OPERATING PRINCIPLE / DIMENSIONS

Operation principle IDFA refrigerated air dryer



Saturated compressed air enters the air-to-air heat exchanger. The incoming air is then pre-cooled by the cold air exiting the dryer. The air then passes through the evaporator, where it is further cooled to 3°C dew point. As the air cools, the water condenses to liquid which is removed by the automatic drain. The dry air is then passed back through the air-to-air heat exchanger where it is reheated before leaving the dryer.

Banish moisture in your compressed air

Tests carried out by SMC, world leaders in pneumatic technology, have indicated that in certain atmospheric conditions the moisture contained in compressed air from a 75 kW compressor after one days operation could be equivalent to 113 litres of water.

Obviously any compressed air system containing this volume of air moisture will suffer from dramatically reduced valve and air cylinder performance. Therefore armed with this knowledge, SMC's R&D engineers have now produced the perfect answer with their new range of Refrigerated Air Dryers - Series IDFA.

Designed specifically for the European market, with both CE accreditation and 230V AC (50Hz) voltage requirements, Series IDFA effectively removes water vapour through a highly efficient stainless steel, improved corrosion resistant, heat exchanger. With 13 flow rate size options. 12 to 1.340 m³/h (ANR), these air dryers use ozone friendly HFC refrigerants - R134a/ R407C and emit outlet air at 3°C point as per ISO8573-1 standard.

Incorporating an easy to see evaporation temperature gauge, to confirm correct operation, Series IDFA is highly efficient with a low pressure drop when operating for improved energy savings.

IDFA3E-23 up to IDFA75E-23-L - correction factors

Inlet air temp. (°C)			5-25°	30°	35°	40°	45°	50°								
Correction factor A			1,30	1,25	1,00	0,83	0,70	0,60								
Ambient temp. (°C)		20°	25°	30°	35°	40°										
Correction factor B	IDFA3E - IDFA11E	1,10	1,00	0,91	0,83	0,79										
	IDFA15E - IDFA37E	1,10	1	0,97	0,89	0,77										
Inlet air press (MPa)		0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,1	1,2	1,3	1,4	1,5	1,6	
Correction factor C	IDFA3E - IDFA11E	0,80	0,87	0,92	0,96	1,00	1,04	1,07	1,10	1,13	1,16	1,18	1,21	1,23	1,25	
	IDFA15E - IDFA37E	0,72	0,81	0,88	0,95	1,00	1,06	1,11	1,16	1,19	1,21	1,23	1,25	1,26	1,27	

Corrected air flow rate [m³/h] = Customers air flow rate / (factor A x factor B x factor C)

IDFA100F-40 up to IDFA150F-40 - correction factors

Correction factor A		Correction factor B		Correction factor C		Correction factor D		Air flow rate			
Inlet air temp. (°C)	Correction factor	Ambient temp. (°C)	Correction factor	Pressure dew point (°C)	Correction factor	Lufteinlasspunkt (MPa)	Correction factor	Model	IDFA100F	IDFA120F	IDFA150F
5 up to 30	1,41	2 up to 25	-	3	0,7	0,2	0,84	Air flow rate [m³/h(ANR)]	960	1.210	1.500
35	1,21	30	-	5	0,75	0,3	0,87				
40	1	32	1	10	1	0,4	0,9				
45	0,92	35	1	15	1,4	0,5	0,93				
50	0,75	40	0,99			0,6	0,96				
55	0,63	45	0,92			0,7	1				
60	0,53					0,8	1,03				
						0,9	1,06				
						1 bis 1,6	1,09				

Correc air flow rate [m³/h] = Air flow rate of the customer/
Faktor A x Faktor B x Faktor C x Faktor D.

Note:
Choose the correct dryer based on the calculations with correction factor.

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SERVICE

How to use

Please take the following points into consideration before using new air tool(s).

- We advise you to oil your tool at regular intervals using RR ATLUB fully synthetic resin and acid free lubrication
- Always check, before connecting the hose to the tool, that both the air hose and fittings are in good state of repair and the latter is free of any dirt or debris.
- Make sure that the air is dry and clean.
- We advise you to use the correct size air treatment set (FRL) and a correctly adjusted lubricator.
- For a good lubrication we advise use of a hose between oiler and airtool of max. 8 m. (26 ft.). If you want to use a longer hose, it is possible to mount a SMC jet-oiler. The jet oiler has a reach of approx. 200 m. The air pressure of the tool has to be 0.63 MPa. The correct hose diameter is necessary to achieve the best performance.

**DRAW WATER FROM THE AIR PIPING
AND COMPRESSOR TANK DAILY.
CHECK IF THE LUBRICATORS ARE FILLED
WITH RED ROOSTER ATLUB AIR TOOL OIL.**

Pressure too low!

"If the air supply to the tools is too low it could reduce the performance of the tool"

If the pressure is too low the tool will show reduced performance and precision, resulting in slow starting and lower productivity. 1 Bar pressure reduction means 25% power loss!

Low pressure may occur if:

- The capacity of the compressor is insufficient,
- The air piping has been pitched incorrectly,
- There are air leaks,
- The air treatment equipment is not functioning properly and/or is not pitched correctly,
- The wrong size hose nipples or quick couplers are used
- The tank is too small.

Please note

When using impact wrenches and impulse wrenches, the torques shown will vary if used on a soft joint, e.g. washers, gaskets, etc.

Quality of the air

Poor air quality can result in expensive production downtime, and will increase the time and costs of maintenance and will shorten the life of your tools.

Good quality air should be a first consideration, cost will earn itself back easily, as it will save your tools from damage. Poor air quality can be caused by:

- Lack of necessary air treatment equipment
- Poor quality and/or wrong installation of the air treatment equipment
- Lack of maintenance of the air treatment equipment
- Incorrect hose diameter

WARRANTY

Warranty covers material and/or construction faults of the manufacturer, which are clearly definable. Replacement of parts or repair by an official YOKOTA/TOKU/RED ROOSTER service workshop is free of charge when the tool is covered by warranty. Freight or postage is for the account of the customer. Damage attributed to normal wear, overloading or incorrect use is excluded from warranty.

Replacement of tools as a consequence of warranty claims is not part of the warranty arrangements. Also claims for loss of production and/or other damages are excluded from this warranty. Repairs under warranty can only be considered, when the tool is in its original state and it is accompanied by the purchase invoice.

Warranty claims have to be made through the distributor, who has supplied the tool concerned. We reserve the right to make unannounced changes to our tools. These warranty conditions are based on an 8 hour working day.

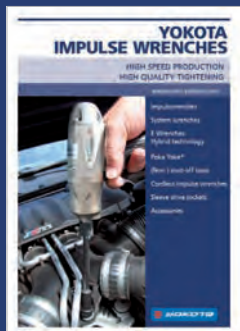
The warranty period from the date of purchase is as follows:

- 12 months** YOKOTA, RED ROOSTER and TOKU industrial air tools
- 12 months** RED ROOSTER hoists and winches
- 3 months** On repairs and replaced spare parts, which are repaired by either us or our official service workshops.

AIRTOOLS

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YOKOTA IMPULSE WRENCHES

Impulse wrenches for high speed production and high quality tightening

Content:

Impulse wrenches, Impulse wrenches with and without shut-off, Cordless impulse wrenches, Poka Yoke+, System wrenches, Electric system wrenches, Battery system wrenches, Sleeve drive sockets



RED ROOSTER ASSEMBLY TOOLS

Shut-off screwdrivers and impulse wrenches for faster assembly

Content:

Shut-off screwdrivers & Impulse wrenches (shut-off and non shut-off models), Cordless shut-off screwdrivers & Cordless shut-off impulse wrenches, Sleeve drive sockets & Accessories.



RED ROOSTER AIR CHAIN HOISTS

Air Chain Hoists 125 kg - 100 tonnes

Content:

Air Chain Hoists 0,125 /100 tonnes, Compact hoists, Mini hoists, Air chain hoists, Trolleys, Explosion proof, Accessories.



ACTION BROCHURE

Impact sockets for optimal performance and security

Content:

Normal/Long, Magnetic/Torx®, Hex Head, Surface Drive/Thin wall, Universal joints, Sleeve drive, Impact Socket Sets, Torque/Adapters, Extension Bars, etc.