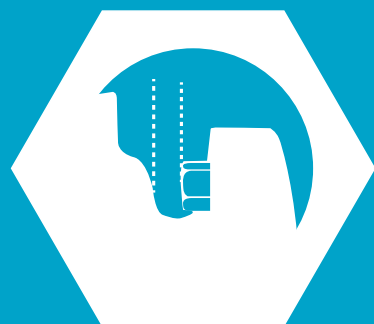
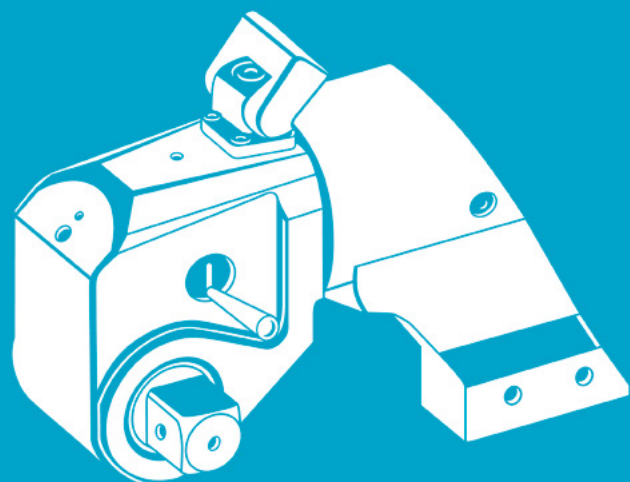
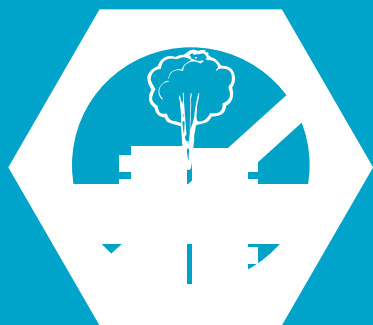


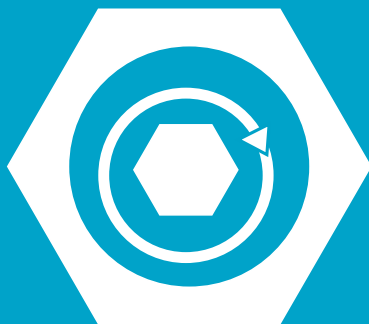
HYDRAULIC TORQUE WRENCHES



LOW
CLEARANCE



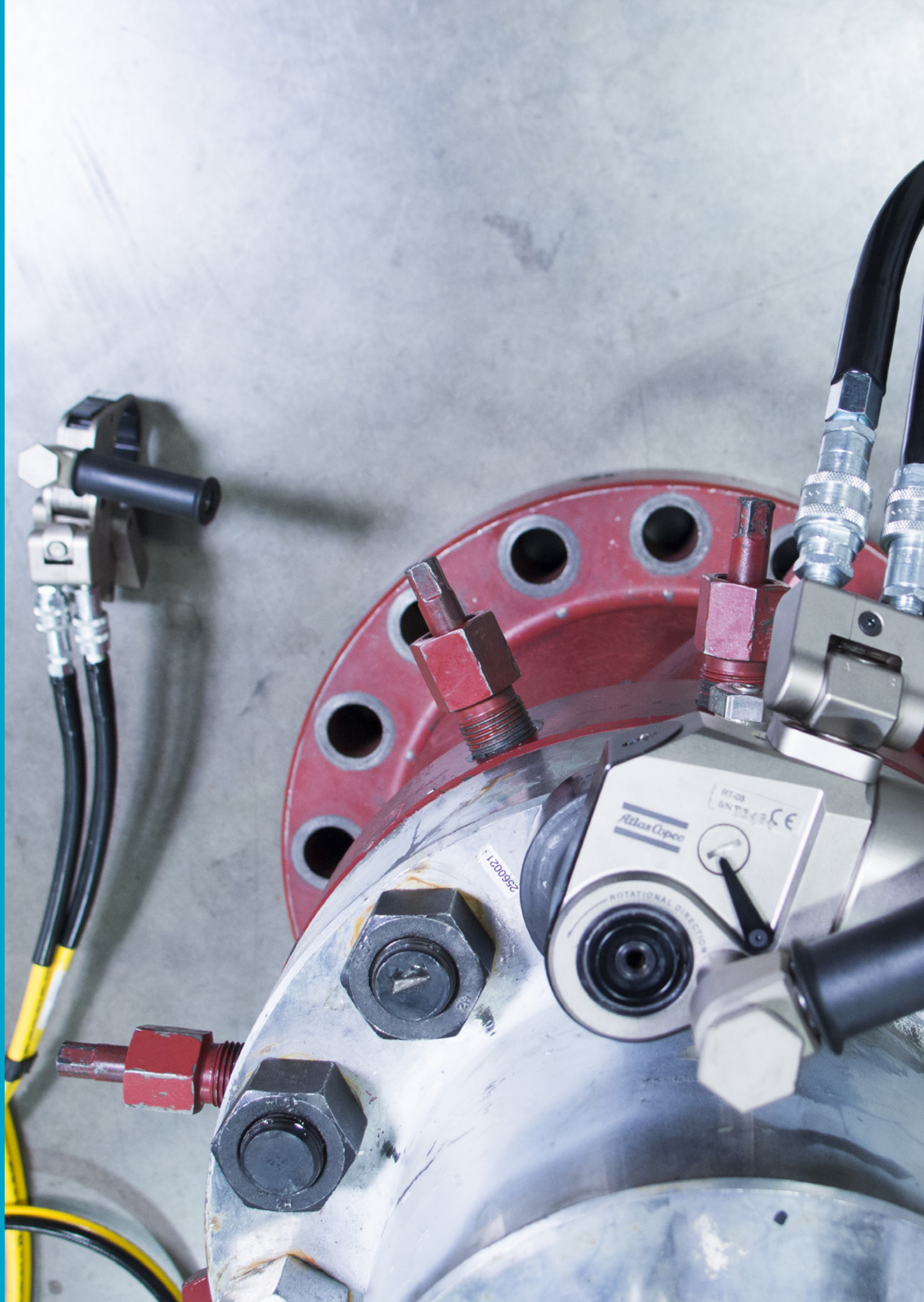
LEAK FREE
JOINTS



AUTO-ADVANCE
FEATURE

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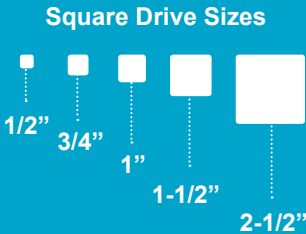
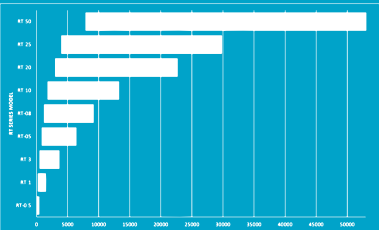
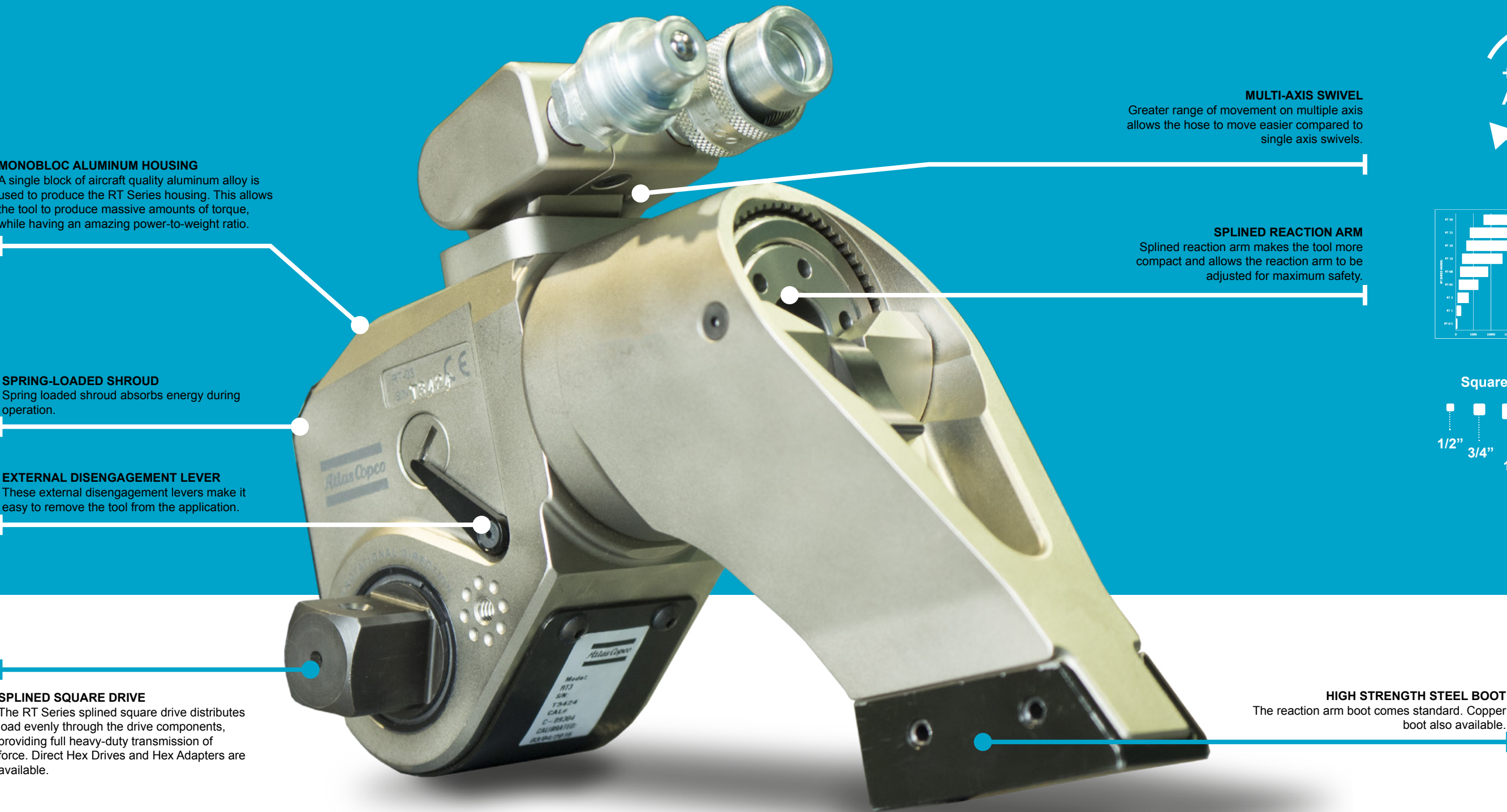
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RT SERIES

SQUARE DRIVE HYDRAULIC TORQUE WRENCH

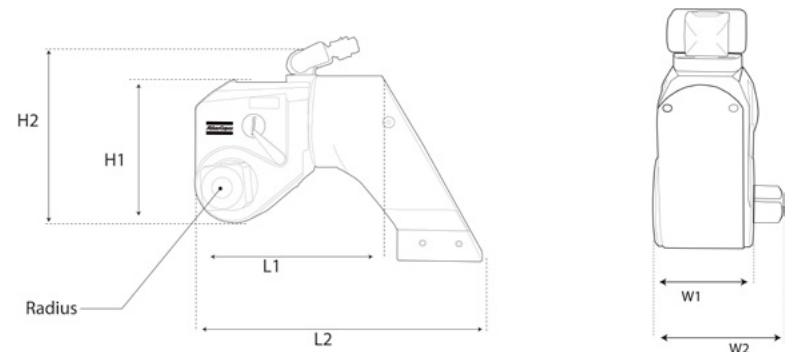
Atlas Copco RT Series standard hydraulic wrenches offer extremely high torquing power. There are nine models to choose from and output accuracy is at $\pm 3\%$



RT SERIES TECHNICAL INFORMATION



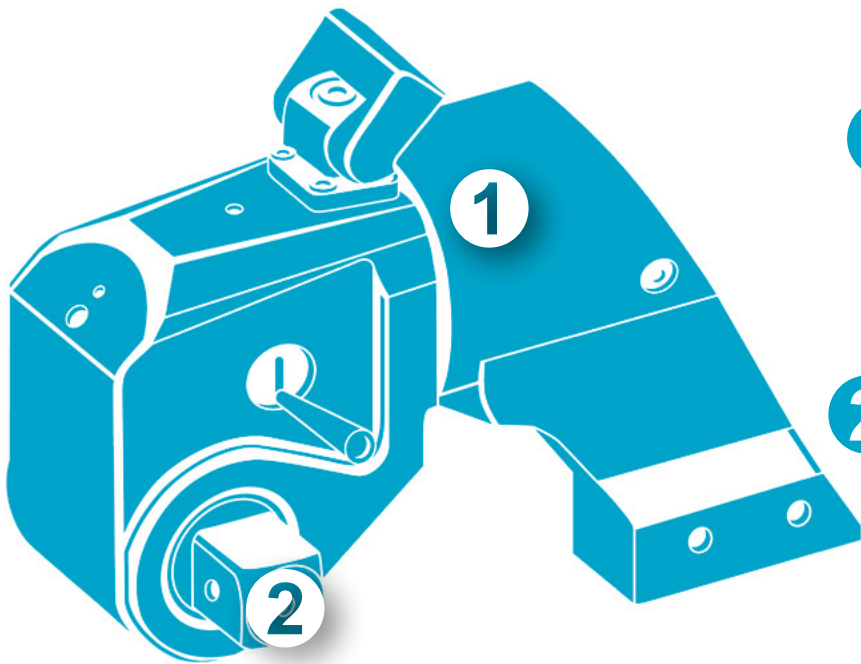
Torque								
Square Drive		ft. lb.		Nm		Weight		Ordering No.
Model	in	min	max	min	max	lb	kg	
RT-0.5	1/2	55	397	75	538	0.8	0.4	8434 2010 00
RT-01	3/4	200	1340	271	1817	3.8	1.9	8434 2010 02
RT-03	1	480	3230	651	4379	7.8	3.9	8434 2010 05
RT-05	1-1/2	835	5590	1132	7578	15	7.5	8434 2010 09
RT-08	1-1/2	1200	8000	1627	10845	23	11.5	8434 2010 13
RT-10	1-1/2	1755	11520	2379	15617	26.8	13.4	8434 2010 16
RT-20	2-1/2	2960	19760	4013	26787	36	18	8434 2010 20
RT-25	2-1/2	3960	25890	5368	35096	62	31	8434 2010 25
RT-50	2-1/2	7875	52500	10675	71169	96	48	8434 2010 29



Model	Dimensions													
	L1		L2		H1		H2		Radius		W1		W2	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
RT-0.5	3.15	81	4.87	125	2.35	60.5	3.62	93	0.52	13.5	1.3	33.5	1.97	50.5
RT-01	4.68	120	7.13	183	3.52	90.5	4.75	122	0.9	23	1.95	50	2.76	71
RT-03	6.04	155	9.24	237	4.68	120	6.08	156	1.28	33	2.59	66.5	3.72	95.5
RT-05	7.21	185	11.23	288	5.63	144.5	7.05	181	1.44	37	3.12	80	4.9	126
RT-08	7.85	202	12.49	321	6.42	164.6	8.4	213.36	1.62	41	3.48	88	4.95	126
RT-10	9	232	13.9	357	7.2	186	9.3	239	1.87	48	3.9	100	5.5	142.5
RT-20	10.2	259	16.55	420	8.5	216	9.9	251	2.17	55.1	4.7	119	6.7	170
RT-25	12	310	18.4	473	9.1	234	11	282	2.37	61	5.2	134	7.4	191
RT-50	15.2	390	23.9	615	11.4	294	13.4	344	30.8	79	6.5	167	8.9	228

Designs and specifications are subject to change without notice or obligation. Read all safety instructions in the manual before usage.

RT SERIES STANDARD SETUP

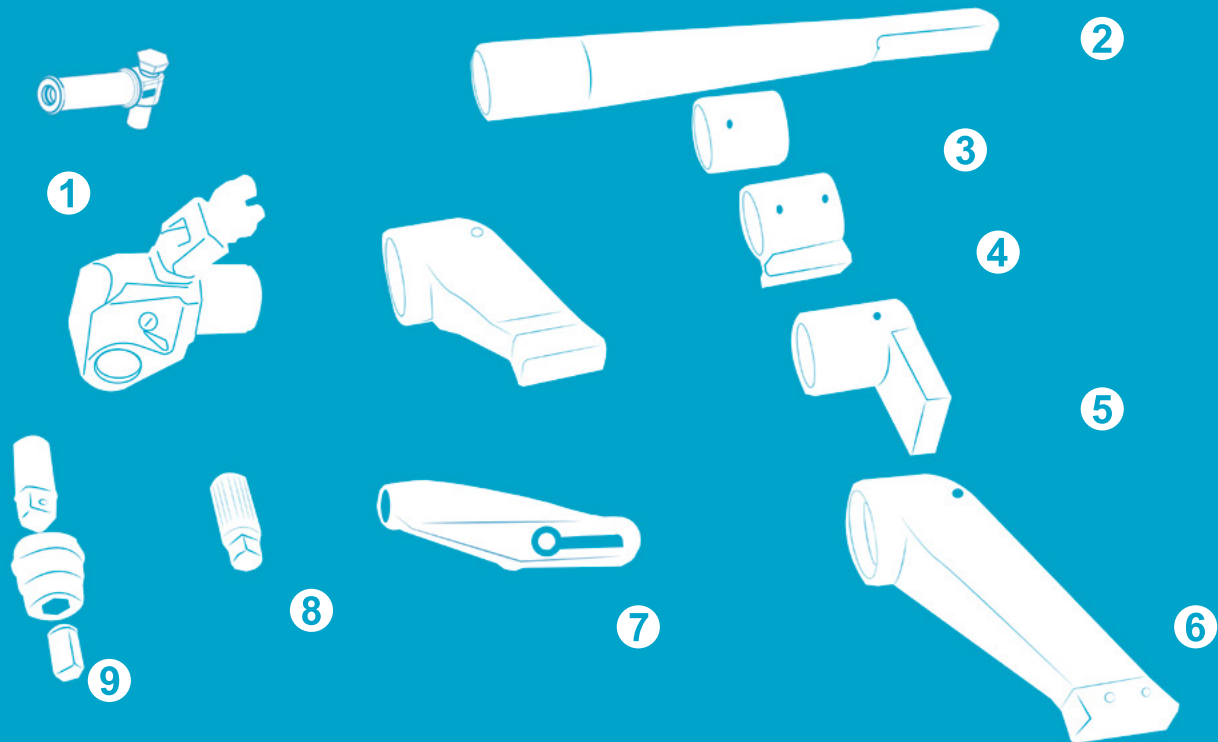


1 The RT comes with the standard reaction arm, great for many common applications.

2 The RT Series comes standard with a square drive, use with a socket.

Use high quality impact sockets
See page 74 for impact socket selection.

SQUARE DRIVE HYDRAULIC TORQUE WRENCH ACCESSORIES



- 1

RT Safety Handle
- 2

Alco Reaction Arm
- 3

Steel Reaction Sleeve
- 4

Steel Reaction Sleeve with Foot
- 5

CAM-style Reaction Arm
- 6

Extended Reaction Arm
- 7

Sliding Reaction Arm
- 8

Direct Hex Drive
- 9

Insert Bit Adapter

1 SAFETY HANDLE



Description	Ordering No.
Handle Kit RT0.5, RT1	8434 2170 34
Handle Kit RT3, RT5	8434 2170 33
Handle Kit RT8, RT10	8434 2170 32

2 ALCO ARM



Description	Ordering No.
RT0.5-ALC	4222 2126 76
RT01-ALC	4222 2102 64
RT03-ALC	8434 2057 10
RT05-ALC	8434 2139 88
RT08-ALC	8434 2140 36
RT10-ALC	8434 2140 60

3 STEEL SLEEVE



Description	Ordering No.
RT0.5-SSLV	4222 2126 88
RT01-SSLV	8434 2057 08
RT03-SSLV	8434 2057 32
RT05-SSLV	8434 2140 30
RT08-SSLV	8434 2140 51
RT10-SSLV	8434 2140 90

4 STEEL SLEEVE W/FOOT



Description	Ordering No.
RT01-SSLV F	8434 2057 09
RT03-SLV F	4222 2130 21

5 CAM STYLE ARM



Description	Ordering No.
RT03-CAM ARM	4222 2130 12
RT05-CAM ARM	4222 2130 57

RT SERIES ACCESSORIES

6 EXT ARM



Description	Ordering No.
RT0.5-EXT	4222 2126 82
RT01-EXT	8434 2056 92
RT03-EXT	8434 2057 12
RT05-EXT	8434 2057 34
RT08-EXT	8434 2140 42
RT10-EXT	8434 2140 66

7 SLIDING REACTION ARM



Description	Ordering No.
RT-01 Sliding Ext	8434 2057 33
RT-01 Sliding Std	8434 2150 95
RT-03 Sliding Ext	8434 2150 37
RT-03 Sliding Std	8434 2150 30
RT-05 Sliding Ext	8434 2150 36
RT-05 Sliding Std	8434 2150 35
RT-08 Sliding Ext	8434 2150 32
RT-08 Sliding Std	8434 2150 31
RT-10 Sliding Ext	8434 2150 34
RT-10 Sliding Std	8434 2150 33
STD= Standard EXT=Extended	

Description	Ordering No.
RT20 Sliding Ext	8434 2150 90
RT20 Sliding Std	8434 2150 89
RT25 Sliding Ext	8434 2150 92
RT25 Sliding Std	8434 2150 91
RT50 Sliding Ext	8434 2150 94
RT50 Sliding Std	8434 2150 93

RT SERIES ACCESSORIES

8 DIRECT HEX DRIVE



Description	Ordering No.
RT0.5-HX-10MM	8434 2138 44
RT0.5-HX-12MM	8434 2138 47
RT0.5-HX-14MM	8434 2138 50
RT0.5-HX-16MM	8434 2138 53
RT0.5-HX-17MM	8434 2138 56
RT0.5-HX-19MM	8434 2138 62
RT0.5-HX-22MM	8434 2138 68
RT0.5-HX-24MM	8434 2101 71
RT01-HX-010	8434 2138 71
RT01-HX-012	8434 2138 74
RT01-HX-014	8434 2138 77
RT01-HX-17MM	8434 2056 96
RT01-HX-19MM	8434 2056 98
RT01-HX-22MM	8434 2057 02

Description	Ordering No.
RT01-HX-24MM	8434 2057 04
RT01-HX-27MM	8434 2057 06
RT03-HX-010	8434 2057 14
RT03-HX-012	8434 2057 16
RT03-HX-014	8434 2057 18
RT03-HX-19MM	8434 2057 22
RT03-HX-19MM-EXT	8434 2139 40
RT03-HX-22MM	8434 2057 24
RT03-HX-22MM-EXT	8434 2116 22
RT03-HX-24MM	8434 2057 26
RT03-HX-24MM-EXT	8434 2116 25
RT03-HX-27MM	8434 2057 28
RT03-HX-30MM	8434 2139 46
RT03-HX-32MM	8434 2057 30
RT03-HX-36MM	8434 2139 49

Description	Ordering No.
RT03-HX-36MM-EXT	8434 2139 52
RT03-HX-38MM	8434 2139 55
RT05-HX-24MM	8434 2140 03
RT05-HX-27MM	8434 2057 36
RT05-HX-27MM-EXT	8434 2140 09
RT05-HX-32MM	8434 2140 12
RT05-HX-32MM-EXT	8434 2140 15

9 INSERT BIT ADAPTER

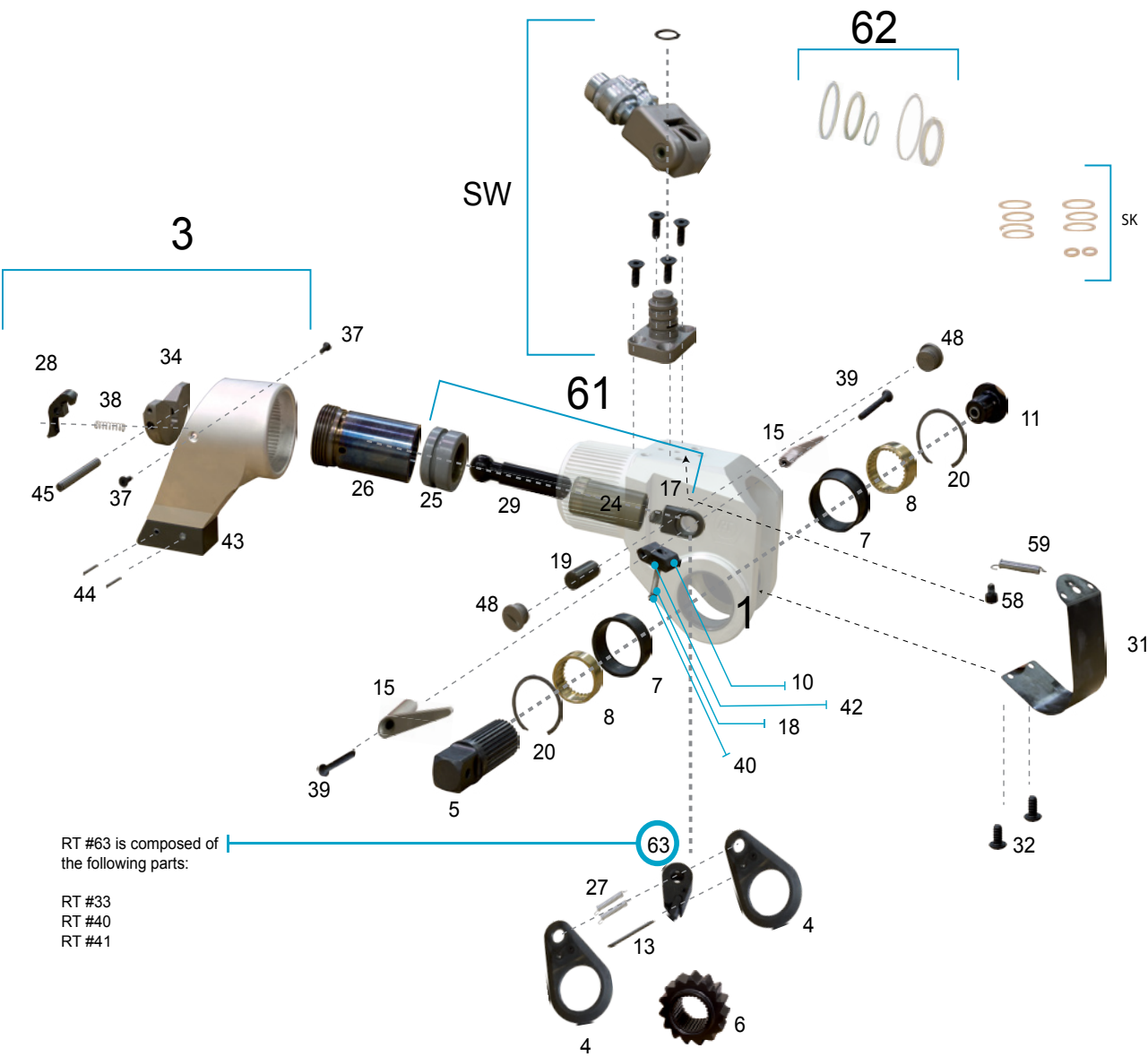


Description	Ordering No.
Hex Holder Sq Dr 3/4"-7/8"	8434 2129 59
Hex Holder Sq Dr 1/2"-1/2"	8434 2056 58
Hex Holder Sq Dr 1/2"-7/8"	8434 2056 60
Hex Holder Sq Dr 1 1/2"-1 3/4"	8434 2129 62
Hex Holder Sq Dr 1 1/2"-1 1/4"	8434 2129 65
Hex Holder Sq Dr 1"-1 1/4"	8434 2129 68
Hex Holder Sq Dr 1"-7/8"	8434 2056 62
Hex Size 10MM	8434 2054 24
Hex Size 12MM	8434 2054 26
Hex Size 14MM	8434 2054 30
Hex Size 17MM	8434 2054 32
Hex Size 19MM	8434 2054 34
Hex Size 22MM	8434 2054 36

Description	Ordering No.
Hex Size 24MM	8434 2054 38
Hex Size 27MM	8434 2123 32
Hex Size 24MM	8434 2050 18
Hex Size 27MM	8434 2050 20
Hex Size 28MM	8434 2050 22
Hex Size 29MM	8434 2050 24
Hex Size 30MM	8434 2050 26
Hex Size 32MM	8434 2050 28
Hex Size 33MM	8434 2050 30
Hex Size 36MM	8434 2124 13
Hex Size 36MM	8434 2050 40
Hex Size 40MM	8434 2124 16
Hex Size 41MM	8434 2050 42
Hex Size 46MM	8434 2050 44
Hex Size 50MM	8434 2050 46
Hex Size 1"	8434 2054 20
Hex Size 1"	8434 2050 12
Hex Size 1 1/16"	8434 2124 10
Hex Size 1 1/4"	8434 2050 14

Description	Ordering No.
Hex Size 1 1/8"	8434 2050 16
Hex Size 1 1/2"	8434 2050 32
Hex Size 1 3/4"	8434 2050 34
Hex Size 1 3/8"	8434 2050 36
Hex Size 1 5/8"	8434 2050 38
Hex Size 1"-12pt	8434 2126 86
Hex Size 1/2"	8434 2054 22
Hex Size 13/16"	8434 2054 28
Hex Size 3/4"	8434 2054 40
Hex Size 5/8"	8434 2054 42
Hex Size 7/8"	8434 2054 44
Hex Size 9/16"	8434 2054 46

RT SERIES SPARE PARTS INFORMATION



Periodic testing and maintenance is advised to ensure accuracy and safe operation of the tool. Our technicians are experts in keeping your tool in optimal working condition. Or you can opt to purchase our RT Series maintenance kits.

Parts List

Item	Part Description	Description
1*	Housing	RT-#-1
3	Reaction Arm Assembly	RT-#-3
4	Drive Plate	RT-#-4
5	Square Drive	RT-#-5
6	Ratchet Spine	RT-#-6
7	Drive Bushing	RT-#-7
8	Drive Sleeve Spline	RT-#-8
10	Reaction Pawl	RT-#-10
11	Drive Retainer	RT-#-11
13	Drive Plate Roll Pin	RT-#-13
15	Disengagement Lever	RT-#-15
17	Piston Rod End	RT-#-17
18	Reaction Pawl Spring	RT-#-18
19	Rod End Pin	RT-#-19
20	Drive Sleeve Retaining Ring	RT-#-20
24	Piston Sleeve	RT-#-24
25	Piston with Seal	RT-#-25
26	Cylinder End Cap	RT-#-26
27	Drive Pawl Spring	RT-#-27
28	Reaction Arm Lever	RT-#-28
29	Piston Rod	RT-#-29
31	Shroud	RT-#-31
32	Shroud Screw	RT-#-32
33	Secondary Drive Pawl Spring	RT-#-33
34	Reaction Arm Plate	RT-#-34
37	Reaction Arm Plate Screw	RT-#-37
38	Reaction Arm Lever Spring	RT-#-38
39	Disengagement Lever Screw	RT-#-39
40	Primary Drive Pawl Roll Pin	RT-#-40
41	Secondary Drive Pawl Pin	RT-#-41
42	Reaction Pawl Roll Pin	RT-#-42
43	Reaction Arm Boot with Pins	RT-#-43
44	Reaction Arm Boot Pin	RT-#-44
45	Reaction Arm Lever Pin	RT-#-45
48	Access Plug	RT-#-48
58	Shroud Spring Screw	RT-#-58
59	Shroud Spring	RT-#-59
61	Piston Rod Assembly	RT-#-61
62	Housing Seal Kit	RT-#-62
63	Drive Pawl Assembly	RT-#-63
SW*	Swivel Assembly (Small, Medium or Large)	RT-SW
SK	Swivel Seal Kit (Small, Medium or Large)	RT-SK

RT Series Maintenance Kits

Description	Part Description	Ordering No.
RT0.5-MK	Maintenance Kit	4222 2126 85
RT01-MK	Maintenance Kit	4222 2127 36
RT03-MK	Maintenance Kit	8434 2139 73
RT05-MK	Maintenance Kit	4222 2127 78
RT08-MK	Maintenance Kit	4222 2105 52
RT10-MK	Maintenance Kit	8434 2140 87
RT20-MK	Maintenance Kit	8434 2057 56
RT25-MK	Maintenance Kit	4222 2116 31
RT50-MK	Maintenance Kit	4222 2116 34

Maintenance kits have the spare parts you need to do basic maintenance on your tool, including seals springs and roll pins.

- Maintenance Kit Includes:**
Disengagement Lever w/Screws
Drive Sleeve Retaining Ring
Shroud
Reaction Arm Plate Screws
Disengagement Lever screw
Access Plug (if applicable)
Shroud Spring Screw
Housing Seal Kit
Roll Pin Kit
Spring Kit
Medium Swivel Seal Kit
Male Female Nipple
Female Coupler

*Please note: Seals are not included with spare parts. For replacement seals order our Seal Kits

RT SERIES SPARE PARTS ORDERING NUMBERS

RT-0.5

Description	Part Description	Ordering No.
RT0.5-01	Housing	4222 2125 80
RT0.5-03	Reaction Arm Assembly	4222 2101 44
RT0.5-04	Drive Plate	4222 2101 47
RT0.5-05	Square Drive	4222 2125 83
RT0.5-06	Ratchet Spline	4222 2125 86
RT0.5-07	Drive Bushing	4222 2101 50
RT0.5-08	Drive Sleeve Spline	4222 2125 89
RT0.5-10	Reaction Pawl	4222 2125 92
RT0.5-11	Drive Retainer	4222 2101 53
RT0.5-13	Drive Plate Roll Pin	4222 2101 56
RT0.5-15	Disengagement Lever	4222 2125 95
RT0.5-17	Piston Rod End	4222 2101 59
RT0.5-18	Reaction Pawl Spring	4222 2125 98
RT0.5-19	Rod End Pin	4222 2101 62
RT0.5-20	Drive Sleeve Retaining Ring	4222 2126 01
RT0.5-24	Piston Sleeve	4222 2126 04
RT0.5-25	Piston	4222 2126 07
RT0.5-26	Cylinder End Cap	4222 2126 10
RT0.5-27	Drive Pawl Spring	4222 2101 65
RT0.5-28	Reaction arm lever	4222 2126 13
RT0.5-29	Piston Rod	4222 2126 16
RT0.5-31	Shroud	4222 2126 19
RT0.5-32	Shroud Screws	4222 2126 22
RT0.5-33	Secondary Drive Pawl Spring	4222 2126 25
RT0.5-34	Reaction Arm Plate	4222 2126 28
RT0.5-37	Reaction Arm Plate Screws	4222 2126 31
RT0.5-38	Reaction Arm Lever Spring	4222 2126 34
RT0.5-39	Disengagement Lever Screw	4222 2126 37
RT0.5-40	Primary Drive Pawl Roll Pin	4222 2101 68
RT0.5-41	Secondary Drive Pawl Pin	4222 2126 40
RT0.5-42	Reaction Pawl Roll Pin	4222 2126 43
RT0.5-58	Shroud Spring Screw	4222 2126 58
RT0.5-59	Shroud Spring	4222 2126 61
RT0.5-61	Piston Rod Assembly	4222 2126 64
RT0.5-62	Housing Seal Kit	4222 2126 67
RT0.5-63	Drive Pawl Assembly	4222 2126 70
RT0.5-64	Roll Pin Kit	4222 2126 73
RT-SWIVEL-S	Small Swivel Assembly	4222 2116 19
RT-SK-S	Small Swivel Seal Kit	4222 2100 03

RT-01

Description	Part Description	Ordering No.
RT01-01	Housing	4222 2101 74
RT01-03	Reaction Arm Assembly	4222 2104 85
RT01-04	Drive Plate	4222 2101 77
RT01-05	Square Drive	4222 2126 97
RT01-06	Ratchet Spline	4222 2101 80
RT01-07	Drive Bushing	4222 2101 83
RT01-08	Drive Sleeve Spline	4222 2101 86
RT01-10	Reaction Pawl	4222 2127 00
RT01-11	Drive Retainer	4222 2127 03
RT01-13	Drive Plate Roll Pin	4222 2101 89
RT01-15	Disengagement Lever	4222 2101 92
RT01-17	Piston Rod End	4222 2101 95
RT01-18	Reaction Pawl Spring	4222 2101 98
RT01-19	Rod End Pin	4222 2102 01
RT01-20	Drive Sleeve Retaining Ring	4222 2102 04
RT01-24	Piston Sleeve	4222 2102 07
RT01-25	Piston	4222 2102 10
RT01-26	Cylinder End Cap	4222 2102 13
RT01-27	Drive Pawl Spring	4222 2102 16
RT01-28	Reaction Arm Lever	4222 2127 06
RT01-29	Piston Rod	4222 2102 19
RT01-31	Shroud	4222 2102 22
RT01-32	Shroud Screws	4222 2102 25
RT01-33	Secondary Drive Pawl Spring	4222 2102 28
RT01-34	Reaction Arm Plate	4222 2127 09
RT01-37	Reaction Arm Plate Screws	4222 2127 12
RT01-38	Reaction Arm Lever Spring	4222 2127 15
RT01-39	Disengagement Lever Screw	4222 2102 31
RT01-40	Primary Drive Pawl Roll Pin	4222 2102 34
RT01-41	Secondary Drive Pawl Pin	4222 2102 37
RT01-42	Reaction Pawl Roll Pin	4222 2102 40
RT01-43	Reaction Arm Boot with Pins	4222 2102 43
RT01-44	Reaction Arm Boot Pin	4222 2102 46
RT01-45	Reaction Arm Lever Pin	4222 2127 18
RT01-48	Access Plug	4222 2102 49
RT01-58	Shroud Spring Screw	4222 2102 52
RT01-59	Shroud Spring	4222 2102 55
RT01-61	Piston Rod Assembly	4222 2127 21
RT01-62	Housing Seal Kit	4222 2102 58
RT01-63	Drive Pawl Assembly	4222 2102 61
RT01-64	Roll Pin Kit	4222 2127 24
RT01-65	Spring Kit	4222 2127 27
RT-SWIVEL-S	Swivel Assembly Small	4222 2116 19
RT-SK-S	Swivel Seal Kit Small	4222 2100 03

RT-03

Description	Part Description	Ordering No.
RT03-01	Housing	4222 2102 70
RT03-03	Reaction Arm Assembly	4222 2102 73
RT03-04	Drive Plate	4222 2102 76
RT03-05	Square Drive	4222 2102 79
RT03-06	Ratchet Spline	4222 2102 82
RT03-07	Drive Bushing	4222 2102 85
RT03-08	Drive Sleeve Spline	4222 2102 88
RT03-10	Reaction Pawl	4222 2102 91
RT03-11	Drive Retainer	4222 2102 94
RT03-13	Drive Plate Roll Pin	4222 2102 97
RT03-15	Disengagement Lever	4222 2103 00
RT03-17	Piston Rod End	4222 2103 03
RT03-18	Reaction Pawl Spring	4222 2103 06
RT03-19	Rod End Pin	4222 2103 09
RT03-20	Drive Sleeve Retaining Ring	4222 2103 12
RT03-24	Piston Sleeve	4222 2103 15
RT03-25	Piston	4222 2103 18
RT03-26	Cylinder End Cap	4222 2103 21
RT03-27	Drive Pawl Spring	4222 2127 42
RT03-28	Reaction Arm Lever	4222 2103 24
RT03-29	Piston Rod	4222 2103 27
RT03-31	Shroud	4222 2103 30
RT03-32	Shroud Screws	4222 2103 33
RT03-33	Secondary Drive Pawl Spring	4222 2103 36
RT03-34	Reaction Arm Plate	4222 2103 39
RT03-37	Reaction Arm Plate Screws	4222 2103 42
RT03-38	Reaction Arm Lever Spring	4222 2103 45
RT03-39	Disengagement Lever Screw	4222 2103 48
RT03-40	Primary Drive Pawl Roll Pin	4222 2103 51
RT03-41	Secondary Drive Pawl Pin	4222 2103 54
RT03-42	Reaction Pawl Roll Pin	4222 2103 57
RT03-43	Reaction Arm Boot with Pins	4222 2103 60
RT03-44	Reaction Arm Boot Pin	4222 2103 63
RT03-45	Reaction Arm Lever Pin	4222 2103 66
RT03-48	Access Plug	4222 2103 69
RT03-58	Shroud Spring Screw	4222 2103 72
RT03-59	Shroud Spring	4222 2103 75
RT03-61	Piston Rod Assembly	4222 2127 45
RT03-62	Housing Seal Kit	4222 2103 78
RT03-63	Drive Pawl Assembly	4222 2127 48
RT03-64	Roll Pin Kit	4222 2127 51
RT03-65	Spring Kit	4222 2127 54
RT-SWIVEL-M	Medium Swivel Assembly	4222 2100 09
RT-SK-M	Medium Swivel Seal Kit	4222 2130 87

RT-05

Description	Part Description	Ordering No.
RT05-01	Housing	4222 2127 57
RT05-03	Reaction Arm Assembly	4222 2127 60
RT05-04	Drive Plate	4222 2103 81
RT05-05	Square Drive	4222 2103 84
RT05-06	Ratchet Spline	4222 2103 87
RT05-07	Drive Bushing	4222 2103 90
RT05-08	Drive Sleeve Spline	4222 2103 93
RT05-10	Reaction Pawl	4222 2103 96
RT05-11	Drive Retainer	4222 2103 99
RT05-13	Drive Plate Roll Pin	4222 2104 02
RT05-15	Disengagement Lever	4222 2104 05
RT05-17	Piston Rod End	4222 2104 08
RT05-18	Reaction Pawl Spring	4222 2104 11
RT05-19	Rod End Pin	4222 2104 14
RT05-20	Drive Sleeve Retaining Ring	4222 2104 17
RT05-24	Piston Sleeve	4222 2104 20
RT05-25	Piston	4222 2104 23
RT05-26	Cylinder End Cap	4222 2104 26
RT05-27	Drive Pawl Spring	4222 2127 63
RT05-28	Reaction Arm Lever	4222 2127 66
RT05-29	Piston Rod	4222 2104 29
RT05-31	Shroud	4222 2104 32
RT05-32	Shroud Screw	4222 2127 69
RT05-33	Secondary Drive Pawl Spring	4222 2104 35
RT05-34	Reaction Arm Plate	4222 2104 38
RT05-37	Reaction Arm Plate Screws	4222 2104 39
RT05-38	Reaction Arm Lever Spring	4222 2104 41
RT05-39	Disengagement Lever Screw	4222 2104 44
RT05-40	Primary Drive Pawl Roll Pin	4222 2104 47
RT05-41	Secondary Drive Pawl Pin	4222 2104 50
RT05-42	Reaction Pawl Roll Pin	4222 2104 53
RT05-43	Reaction Arm Boot with Pins	4222 2104 56
RT05-44	Reaction Arm Boot Pin	4222 2104 59
RT05-45	Reaction Arm Lever Pin	4222 2105 41
RT05-48	Access Plug	4222 2104 62
RT05-58	Shroud Spring Screw	4222 2104 65
RT05-59	Shroud Spring	4222 2104 68
RT05-61	Piston Rod Assembly	4222 2104 71
RT05-62	Housing Seal Kit	4222 2104 74
RT05-63	Drive Pawl Assembly	4222 2104 77
RT05-63-1	Drive Pawl Assembly part 1	4222 2104 78
RT05-63-2	Drive Pawl Assembly part 2	4222 2104 79
RT05-65	Spring Kit	4222 2127 75
RT-SWIVEL-M	Medium Swivel Assembly	4222 2100 09
RT-SK-M	Medium Swivel Seal Kit	4222 2130 87

RT SERIES SPARE PARTS ORDERING NUMBERS

RT-08

Description	Part Description	Ordering No.
RT08-01	Housing	4222 2104 80
RT08-03	Reaction Arm Assembly	4222 2104 83
RT08-04	Drive Plate	4222 2104 86
RT08-05	Square Drive	4222 2104 89
RT08-06	Ratchet Spline	4222 2104 92
RT08-07	Drive Bushing	4222 2104 95
RT08-08	Drive Sleeve Spline	4222 2104 98
RT08-10	Reaction Pawl	4222 2105 01
RT08-11	Drive Retainer	4222 2105 04
RT08-13	Drive Plate Roll Pin	4222 2127 81
RT08-15	Disengagement Lever	4222 2105 07
RT08-17	Piston Rod End	4222 2105 10
RT08-18	Reaction Pawl Spring	4222 2127 84
RT08-19	Rod End Pin	4222 2105 13
RT08-20	Drive Sleeve Retaining Ring	4222 2127 87
RT08-24	Piston Sleeve	4222 2105 16
RT08-25	Piston	4222 2105 19
RT08-26	Cylinder End Cap	4222 2105 22
RT08-27	Drive Pawl Spring	4222 2127 90
RT08-28	Reaction Arm Lever	4222 2105 25
RT08-29	Piston Rod	4222 2105 28
RT08-31	Shroud	4222 2105 31
RT08-32	Shroud Screws	4222 2127 93
RT08-33	Secondary Drive Pawl Pin	4222 2127 96
RT08-34	Reaction Arm Plate	4222 2105 34
RT08-37	Reaction Arm Plate Screws	4222 2127 99
RT08-38	Reaction Arm Lever Spring	4222 2128 02
RT08-39	Disengagement Lever Screw	4222 2128 05
RT08-40	Primary Drive Pawl Roll Pin	4222 2128 06
RT08-41	Secondary Drive Pawl Pin	4222 2128 07
RT08-42	Reaction Pawl Roll Pin	4222 2128 09
RT08-43	Reaction Arm Boot with Pins	4222 2105 37
RT08-44	Reaction Arm Boot Pin	4222 2128 08
RT08-45	Reaction Arm Lever Pin	4222 2105 40
RT08-48	Access Plug	4222 2105 43
RT08-58	Shroud Spring Screw	4222 2128 11
RT08-59	Shroud Spring	4222 2128 14
RT08-61	Piston Rod Assembly	4222 2128 17
RT08-62	Housing Seal Kit	4222 2105 46
RT08-63	Drive Pawl Assembly	4222 2105 49
RT08-64	Roll Pin Kit	4222 2128 20
RT08-65	Screw Kit	4222 2128 23
RT-SWIVEL-M	Medium Swivel Assembly	4222 2100 09
RT-SK-M	Medium Swivel Seal Kit	4222 2130 87

RT-10

Description	Part Description	Ordering No.
RT10-01	Housing	4222 2105 55
RT10-03	Reaction Arm Assembly	4222 2105 58
RT10-04	Drive Plate	4222 2105 61
RT10-05	Square Drive	4222 2105 64
RT10-06	Ratchet Spline	4222 2105 67
RT10-07	Drive Bushing	4222 2105 70
RT10-08	Drive Sleeve Spine	4222 2105 73
RT10-10	Reaction Pawl	4222 2105 76
RT10-11	Drive Retainer	4222 2105 79
RT10-13	Drive Plate Roll Pin	4222 2105 82
RT10-15	Disengagement Lever	4222 2105 85
RT10-17	Piston Rod End	4222 2105 88
RT10-18	Reaction Pawl Spring	4222 2105 91
RT10-19	Rod End Pin	4222 2105 94
RT10-20	Drive Sleeve Retaining Ring	4222 2128 29
RT10-24	Piston Sleeve	4222 2105 97
RT10-25	Piston	4222 2106 00
RT10-26	Cylinder End Cap	4222 2106 03
RT10-27	Drive Pawl Spring	4222 2106 06
RT10-28	Reaction Arm Lever	4222 2106 09
RT10-29	Piston Rod	4222 2106 12
RT10-31	Shroud	4222 2128 32
RT10-32	Shroud Screws	4222 2128 35
RT10-33	Secondary Drive Pawl Spring	4222 2106 15
RT10-34	Reaction Arm Plate	4222 2106 18
RT10-37	Reaction Arm Plate Screws	4222 2128 38
RT10-38	Reaction Arm Lever Spring	4222 2128 41
RT10-39	Disengagement Lever Screw	4222 2128 44
RT10-40	Primary Drive Pawl Roll Pin	4222 2128 47
RT10-41	Secondary Drive Pawl Pin	4222 2106 21
RT10-42	Reaction Pawl Roll Pin	4222 2106 24
RT10-43	Reaction Arm Boot with Pins	4222 2106 27
RT10-44	Reaction Arm Boot Pin	4222 2128 50
RT10-45	Reaction Arm Lever Pin	4222 2128 53
RT10-48	Access Plug	4222 2106 30
RT10-58	Shroud Spring Screw	4222 2106 33
RT10-59	Shroud Spring	4222 2128 56
RT10-61	Piston Rod Assembly	4222 2128 59
RT10-62	Housing Seal Kit	4222 2106 36
RT10-63	Drive Pawl Assembly	4222 2106 39
RT10-64	Roll Pin Kit	4222 2128 62
RT10-65	Spring Kit	4222 2128 65
RT-SWIVEL-L	Large Swivel Assembly	4222 2100 06
RT-SK-L	Large Swivel Seal Kit	4222 2100 00

RT-20

Description	Part Description	Ordering No.
RT20-01	Housing	4222 2128 68
RT20-03	Reaction Arm Assembly	4222 2128 71
RT20-04	Drive Plate	4222 2128 74
RT20-05	Square Drive	4222 2128 77
RT20-06	Ratchet Spline	4222 2128 80
RT20-07	Drive Bushing	4222 2106 42
RT20-08	Drive Sleeve Spine	4222 2106 45
RT20-10	Reaction Pawl	4222 2128 83
RT20-11	Drive Retainer	4222 2106 48
RT20-13	Drive Plate Roll Pin	4222 2128 86
RT20-15	Disengagement Lever	4222 2106 51
RT20-17	Piston Rod Connector	4222 2128 89
RT20-18	Reaction Pawl Spring	4222 2128 92
RT20-19	Rod End Pin	4222 2106 54
RT20-20	Drive Sleeve Retaining Ring	4222 2128 95
RT20-24	Piston Sleeve	4222 2128 98
RT20-25	Piston with Seal	4222 2129 01
RT20-26	Cylinder End Cap	4222 2129 04
RT20-27	Drive Pawl Spring	4222 2129 07
RT20-28	Reaction Arm Lever	4222 2129 10
RT20-29	Piston Rod	4222 2129 13
RT20-31	Shroud	4222 2129 16
RT20-32	Shroud Screws	4222 2129 19
RT20-33	Secondary Drive Plate Spring	4222 2129 22
RT20-34	Reaction Arm Plate	4222 2129 25
RT20-37	Reaction Arm Plate Screws	4222 2129 28
RT20-38	Reaction Arm Lever Spring	4222 2129 26
RT20-39	Disengagement Lever Screw	4222 2129 27
RT20-40	Primary Drive Pawl Roll Pin	4222 2129 29
RT20-41	Secondary Drive Pawl Roll Pin	4222 2129 30
RT20-42	Reaction Pawl Roll Pin	4222 2129 32
RT20-43	Reaction Arm Boot with Pins	4222 2129 33
RT20-61	Piston Rod Assembly	4222 2129 31
RT20-62	Housing Seal Kit	4222 2106 57
RT20-63	Drive Pawl Assembly	4222 2129 34
RT-SWIVEL-L	Large Swivel Assembly	4222 2100 06
RT-SK-L	Large Swivel Seal Kit	4222 2100 00

RT-25

Description	Part Description	Ordering No.
RT25-01	Housing	4222 2129 37
RT25-03	Reaction Arm Assembly	4222 2106 60
RT25-04	Drive Plate	4222 2129 40
RT25-05	Square Drive	4222 2129 43
RT25-06	Ratchet Spline	4222 2129 46
RT25-07	Drive Bushing	4222 2129 49
RT25-08	Drive Sleeve Spine	4222 2129 52
RT25-10	Reaction Pawl	4222 2106 63
RT25-11	Drive Retainer	4222 2129 55
RT25-13	Drive Plate Roll Pin	4222 2129 58
RT25-15	Disengagement Lever	4222 2106 66
RT25-17	Piston Rod Connector	4222 2129 61
RT25-18	Reaction Pawl Spring	4222 2129 64
RT25-19	Rod End Pin	4222 2129 67
RT25-20	Drive Sleeve Retaining Ring	4222 2129 70
RT25-24	Piston Sleeve	4222 2129 73
RT25-25	Piston	4222 2106 69
RT25-26	Cylinder end cap	4222 2106 70
RT25-28	Reaction Arm Lever	4222 2129 76
RT25-29	Piston Rod	4222 2129 79
RT25-31	Shroud	4222 2129 82
RT25-37	Reaction Arm Plate Screw	4222 2129 85
RT25-38	Reaction Arm Lever Spring	4222 2129 88
RT25-43	Reaction Arm Boot with Pins	4222 2129 91
RT25-59	Shroud Spring	4222 2129 94
RT25-61	Piston Rod Assembly	4222 2129 97
RT25-62	Housing Seal Kit	4222 2106 72
RT25-63	Drive Pawl Assembly	4222 2106 75
RT-SWIVEL-L	Large Swivel Assembly	4222 2100 06
RT-SK-L	Large Swivel Seal Kit	4222 2100 00

RT-50

Description	Part Description	Ordering No.
RT50-05	Square Drive	4222 2130 27
RT50-07	Drive Bushing	4222 2106 78
RT50-08	Drive Sleeve Spine	4222 2130 30
RT50-11	Drive Retainer	4222 2130 33
RT50-15	Disengagement Lever	4222 2130 36
RT50-19	Rod End Pin	4222 2130 39
RT50-28	Reaction Arm Lever	4222 2106 82
RT50-31	Shroud	4222 2130 42
RT50-32	Shroud Screws	4222 2130 45
RT50-43	Reaction Arm Boot	4222 2130 51
RT50-62	Housing Seal Kit	4222 2106 81
RT-SWIVEL-L	Large Swivel Assembly	4222 2100 06
RT-SK-L	Large Swivel Seal Kit	4222 2100 00

Contact your local representative to obtain ordering numbers on other spare part items.