



AIR SCREWDRIVER SERIES

HAS-PT332 1/4" AIR SCREWDRIVER

Free Speed rpm	1800
Torque (in-lbs)	45-115
Air Inlet	1/4"
Air Pressure bar	6.2
Length mm	190
Weight KG	1.1
Air Consumption (CFM)	6



HAS-PT333 1/4" AIR SCREWDRIVER

Free Speed rpm	800
Torque (in-lbs)	45-145
Air Inlet	1/4"
Air Pressure bar	6.2
Length mm	226
Weight KG	1.3
Air Consumption (CFM)	6



HAS-TPT747 1/4" AIR SCREWDRIVER

Free Speed rpm	1100
Bolt Capacity	13/64"
Max Torque (in-lbs)	190
Air Inlet	1/4"
Air Pressure bar	6.2
Length mm	475
Weight KG	1.74
Air Consumption (CFM)	2.5



HAS-ZIS237 1/4" AIR SCREWDRIVER

Free Speed rpm	5300
Bolt Capacity	6-8mm
Max Torque (ft-lbs)	37
Air Inlet	1/4"
Air Pressure bar	6.2
Weight KG	1.9





AIR SCREWDRIVER SERIES

HAS-KI3278

1/4" HEX AIR SCREWDRIVER

*Positive Clutch Mechanism

*Handle Exhaust With Muffler

Free Speed rpm	1200
Air Hose	3/8"
Air Inlet	1/4"
Length mm	213
Weight KG	1.12
Air Consumption (CFM)	3.9



HAS-KI3274

1/4" HEX AIR SCREWDRIVER

*Positive Clutch Mechanism

*Handle Exhaust With Muffler

Free Speed rpm	3000
Air Hose	3/8"
Air Inlet	1/4"
Length mm	180
Weight KG	1.12
Air Consumption (CFM)	3.9



HAS-KI3281

1/4" HEX AIR SCREWDRIVER

*Direct Drive Clutch Mechanism

*Handle Exhaust With Muffler

Free Speed rpm	1200
Air Hose	3/8"
Air Inlet	1/4"
Length mm	185
Weight KG	1.27
Air Consumption (CFM)	3.9





AIR SCREWDRIVER SERIES

HAS-KI3277

1/4" HEX AIR SCREWDRIVER

*Direct Drive Clutch Mechanism

*Handle Exhaust With Muffler

Freed Speed rpm	3000
Air Hose	3/8"
Air Inlet	1/4"
Length mm	151
Weight KG	0.98
Air Consumption (CFM)	3.9



HAS-ZID036

1/4" IMPACT DRIVER

Freed Speed rpm	8000
Bolt Capacity	6~8mm
Max Torque (ft-lbs)	36
Air Inlet	1/4"
Air Pressure bar	6.2
Length mm	198
Weight KG	1
Air Consumption (CFM)	4.6





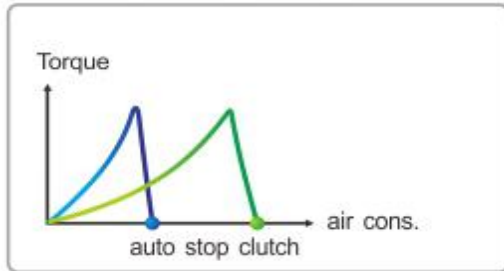
AIR SCREWDRIVER SERIES

HAS-RLB Series

FULL AUTO IN LINE TYPE AIR SCREWDRIVER

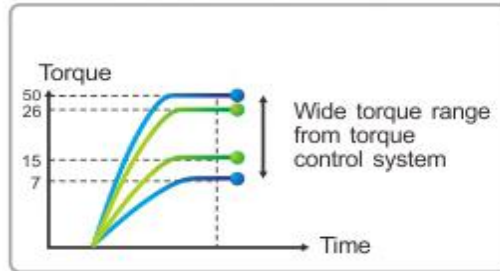


Motor Comparison



- Patented motor
- Traditional motor

Torque schematic diagram



- Patented torque control system
- Traditional torque control system

Model No.	Free Speed	Overall Length (mm)	Weight (g)	Torque Range (Kgf-cm)	Fastening Capacity (Machine Screw Dia.)	Fastening Capacity (Tapping Screw Dia.)
HAD-R10LB	1000	210	520	0.5-2	M1.0-M2.2	M1.1-M1.7
HAD-R20LB	1000	210	520	1-8	M1.7-M3.3	M1.3-M2.7
HAD-R30LB	1800	210	520	3-17	M2.3-M4.2	M2.2-M3.2
HAD-R35LB	2200	210	520	3-20	M2.3-M4.2	M2.2-M3.5
HAD-R38LB	1800	210	520	3-25	M2.3-M4.7	M2.2-M3.8
HAD-R40LB	1000	210	520	5-30	M2.8-M5.0	M2.2-M4.0
HAD-R45LB	800	210	520	8-40	M3.3-M5.7	M2.7-M4.4
HAD-R48LB	1800	245	820	7-50	M2.9-M6.0	M2.6-M4.9
HAD-R50LB	1400	245	820	7-65	M2.9-M6.4	M2.6-M5.4
HAD-R55LB	1000	245	820	10-70	M3.3-M6.4	M2.7-M5.4
HAD-R60LB	550	245	820	15-95	M4.1-M7.0	M3.3-M6.0
HAD-R65LB	300	245	840	30-180	M5.0-M9.3	M4.0-M7.2
HAD-R68LB	250	245	840	50-280	M6.0-M11	M4.9-M8.7



AIR SCREWDRIVER SERIES

HAS-RAB Series

FULL AUTO AIR ANGLE SCREWDRIVER

- * Torque fix system
- * One hand operation for forward and reverse
- * Wide torque range & low vibration
- * Patented clutch mechanism



Model No.	Free Speed	Overall Length (mm)	Weight (g)	Torque Range (Kgf-cm)	Fastening Capacity (Machine Screw Dia.)	Fastening Capacity (Tapping Screw Dia.)
HAD-R20AB	1000	270	660	1-8	M1.7-M3.3	M1.3-M2.7
HAD-R30AB	1800	270	660	3-17	M2.2-M4.2	M1.7-M3.2
HAD-R35AB	2200	270	660	3-20	M2.2-M4.5	M1.7-M3.5
HAD-R38AB	1800	270	660	3-25	M2.2-M4.7	M1.7-M3.8
HAD-R40AB	1000	270	660	5-30	M2.8-M5.0	M2.3-M4.0
HAD-R45AB	800	270	660	8-40	M3.3-M5.7	M2.7-M4.4
HAD-R48AB	1700	315	1100	5-45	M2.8-M5.8	M2.2-M4.7
HAD-R50AB	1400	315	1100	7-50	M2.9-M6.0	M2.6-M4.9
HAD-R55AB	1000	235	1200	7-65	M2.9-M6.4	M2.6-M5.4
HAD-R60AB	550	235	1200	15-95	M4.1-M7.0	M3.1-M6.0
HAD-R65AB	300	235	1400	30-180	M5.0-M9.3	M4.0-M7.2
HAD-R68AB	250	235	1400	50-280	M6.0-M11.0	M4.9-M8.7



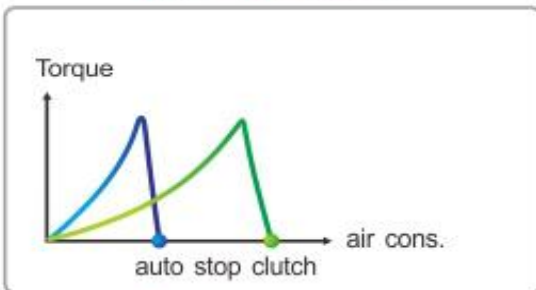
AIR SCREWDRIVER SERIES

HAS-RPBP Series

FULL AUTO PISTOL TYPE AIR SCREWDRIVER

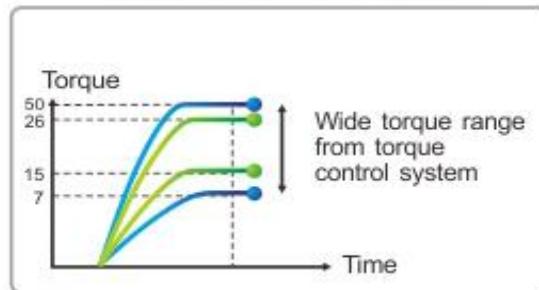


Motor Comparison



- Patented motor
- Traditional motor

Torque schematic diagram



- Patented torque control system
- Traditional torque control system

Model No.	Free Speed	Overall Length (mm)	Weight (g)	Torque Range (Kgf-cm)	Fastening Capacity (Machine Screw Dia.)	Fastening Capacity (Tapping Screw Dia.)
HAD-R35PBP	1000	180	640	3-20	M2.4-M4.5	M2.0-M3.5
HAD-R38PBP	1800	180	640	3-25	M2.4-M4.7	M2.0-M3.8
HAD-R41PBP	2200	180	640	5-35	M2.8-M5.2	M2.2-M4.2
HAD-R47PBP	1800	180	640	10-50	M3.6-M6.0	M2.8-M4.7
HAD-R48PBP	1000	215	980	7-50	M2.8-M6.0	M2.3-M4.9
HAD-R50PBP	800	215	980	10-60	M2.9-M6.2	M2.6-M5.1
HAD-R55PBP	1700	215	980	12-75	M3.5-M6.6	M2.3-M5.6
HAD-R60PBP	1400	215	980	30-110	M5.0-M7.3	M3.3-M6.2
HAD-R65PBP	1000	215	1100	30-180	M5.0-M9.3	M3.3-M7.2
HAD-R68PBP	550	215	1250	50-300	M5.0-M11.0	M3.3-M8.7