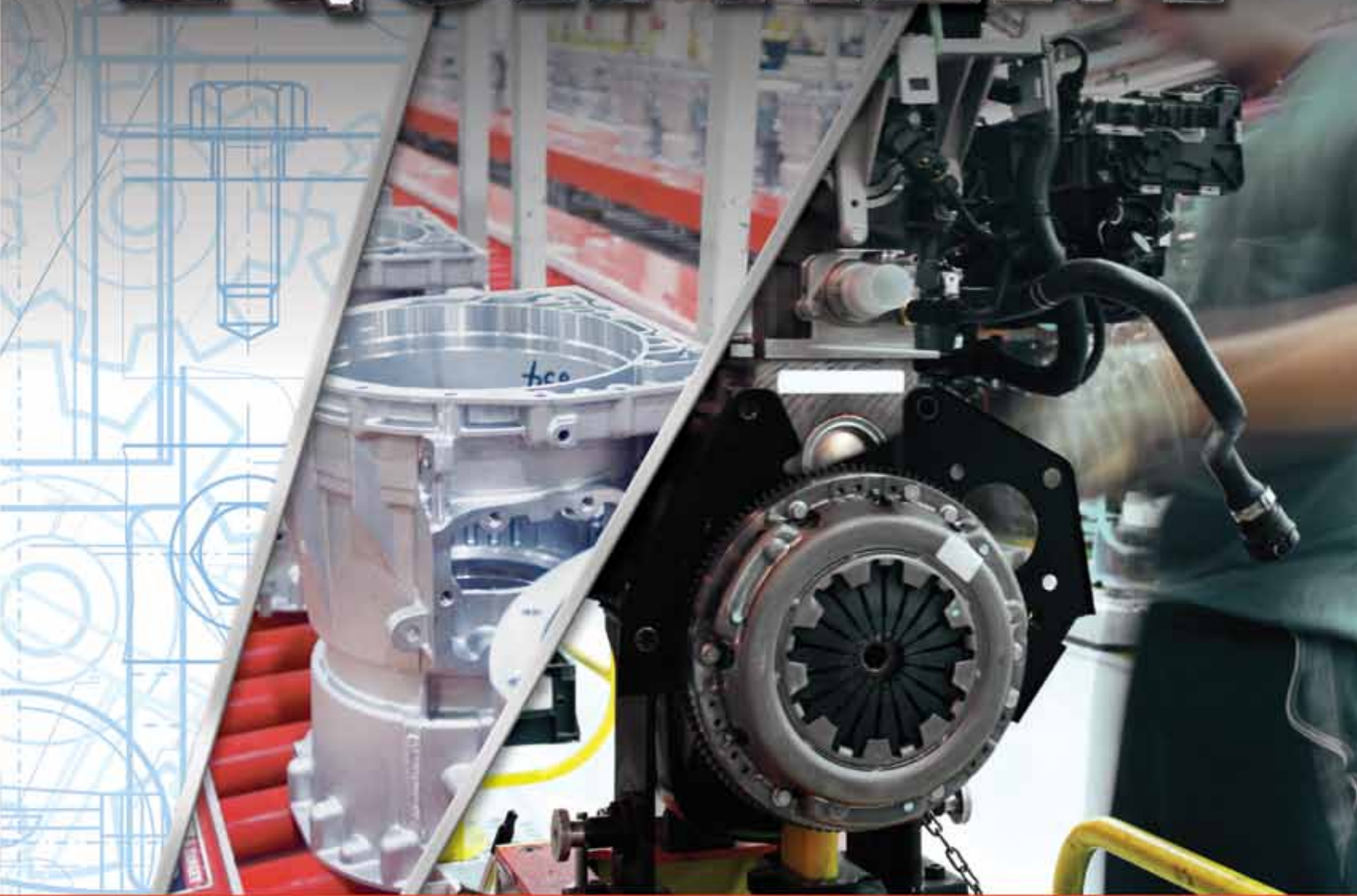


ASSEMBLY TOOLS & EQUIPMENT



Snap-on

Torque Wrenches - Techwrench®

Techwrench® Torque Wrenches

Techmemory™ electronic torque wrenches include TORQLOG®, a downloading software on CD for IBM PCs and a 6' RS232 serial cable. 2 Microsoft® Excel® templates are also in the CD for customer convenience. The download template provides basic statistical analysis of dumped readings. The date/time template adds a date and time stamp to each reading while the wrench is attached to the PC. Templates can be customized to suit specific user needs. 6 button operation. RS232 port for downloading data to computer for analysis. All models include 3 "AA" batteries for power. Comfortable, non-slip grip. Stand on handle bottom keeps tool from rolling off flat surface. Flex head ratchet moves 15°. All models have a low battery indicator and auto shutoff (after 2 minutes idle). Designed to withstand shocks without failure. Splash-proof to protect against water and most automotive shop fluid. Includes storage case. EU/C – DE, ES, FR, IT, NL, PT, UK all models. Complies with ISO-6789-2003 and ASME B107-28-2005 Standards. Additional technical information is available at www.snapon.com/torque/techwrench.



Techmemory™ Features:

- Torque accuracy TECH1, 2 and 3 ratchet head models: 1% CW, 1.5% CCW 2% CW, 3% CCW from 10-19% F.S. 4% CW, 8% CCW from 5-9% F.S. (TECH2 only)
 - Torque accuracy TECH4 ratchet head model: 2% CW, 3% CCW from 20-100% F.S. 4% CW, 6% CCW from 10-19% F.S.
 - Torque accuracy interchangeable head models: 4% CW, 6% CCW from 20-100% F.S. 8% CW, 12% CCW from 10-19% F.S. 4% CW, 20% CCW from 5-9% F.S. (TECH Y only)
 - Manual peak store, recall, clear and print functions
 - Memory capacity: 1000 peak readings
 - TechLog™ download software CD included
 - Excel Download Template with basic statistics
 - Date/time Excel download template (wrench connected to PC)
 - Serial RS232, with selectable 1200 to 19.2K baud rate
 - Serial cable: 6' with 9 pin PC interconnect included
- Applications:
- Automotive service – printout provides assurance that lug nuts, head bolts, etc. have been tightened to specification
 - Assembly operations – gather data to manage quality
 - Manufacturing ISO and SPC – generate statistics for technical files and process auditing
 - Military – document compliance with maintenance schedules and inspections
 - Aviation – include torque data in maintenance reports

Memory Models/4% Accuracy/Interchangeable Head & "D" Models

Stock No.	Head Type	Range, in. lb.	Range, ft. lb.	Range, N•m	Shank Dia.	Torque Setting Resolution	Housing Color	Overall Lgth., in. (mm)	Weight, lbs. (kg)
TECH1JM240	Interchangeable	24-240	2-20	2.7-27.12	J (0.425")	0.1 ft. lb. (0.1 N•m, 1 in lb.)	Red	13 1/2 (343)	1.6 (.73)
TECH1JDM240	Interchangeable	24-240	2-20	2.7-27.12	J (0.425")	0.1 ft. lb. (0.1 N•m, 1 in lb.)	Grey	13 1/2 (343)	1.6 (.73)
TECH2YM100	Interchangeable	60-1,200	5-100	6.7-135	Y (0.560")	1 ft. lb. (1 N•m, 1 in lb.)	Red	15 1/2 (394)	1.9 (.86)
TECH2YDM100	Interchangeable	60-1,200	5-100	6.7-135	Y (0.560")	1 ft. lb. (1 N•m, 1 in lb.)	Grey	15 1/2 (394)	1.9 (.86)
TECH3XM250	Interchangeable	300-3,000	25-250	34-339	X (0.735")	1 ft. lb. (1 N•m, 1 in lb.)	Red	23 1/2 (597)	2.9 (1.32)
TECH3XDM250	Interchangeable	300-3,000	25-250	34-339	X (0.735")	1 ft. lb. (1 N•m, 1 in lb.)	Grey	23 1/2 (597)	2.9 (1.32)

Wrench length specification does not include the length of interchangeable heads. The certification of accuracy provided per ASME and ISO standards is 20% to 100% of full scale. See pages 4-7 for interchangeable tool heads.



Standard Models/4% Accuracy/Interchangeable Head & "D" Models

Stock No.	Range, in. lb.	Range, ft. lb.	Range, N•m	Shank Diameter	Housing Color	Length, inches
TECH1J240	24-240	2-20	2.7-27.12	J (0.425")	Red	13 3/4
TECH2Y100	60-1,200	5-100	6.7-135	Y (0.560")	Red	15 1/2
TECH3X250	300-3,000	25-250	34-339	X (0.735")	Red	23 3/4
TECH4Z600	720-7,200	60-600	81-813	Z (0.990")	Red	42
TECH1JD240	24-240	2-20	2.7-27.12	J (0.425")	Grey	13 3/4
TECH2YD100	60-1,200	5-100	6.7-135	Y (0.560")	Grey	15 1/2
TECH3XD250	300-3,000	25-250	34-339	X (0.735")	Grey	23 3/4
TECH4ZD600	720-7,200	60-600	81-813	Z (0.990")	Grey	42

Wrench length specification does not include the length of interchangeable heads. The certification of accuracy provided per ASME and ISO Standards is 20% to 100% of full scale. See pages 4-7 for interchangeable tool heads.

Techwrench® Features: (all "D" models)

- Hidden torque preset adjustment (momentary displays at Zero/Tare)
- Hidden tolerance adjustment + and -1 to 16% of preset value

Torque Wrenches - Interchangeable

Interchangeable Head, Click Type Torque Wrenches

- Selection—there are 2 adjustable models for quickly setting desired torque and 8 preset models for assembly line work
- Slim profile—each torque body is thin enough and long enough to get into tight areas
- Micrometer type adjustment—ensures fast, accurate settings and changes
- Guaranteed accuracy—all QC series interchangeable torque wrenches are accurate $\pm 4\%$ clockwise and $\pm 6\%$ counterclockwise from 20% of full scale to full scale



NOTE: Interchangeable heads permit ratcheting, fixed, or open end torquing capability with either adjustable or preset torque wrench bodies. A push of the locking pin provides quick change action, with a wide range of head styles to choose from.

Torque Wrench Bodies/Adjustable/ $\pm 4\%$ Accuracy

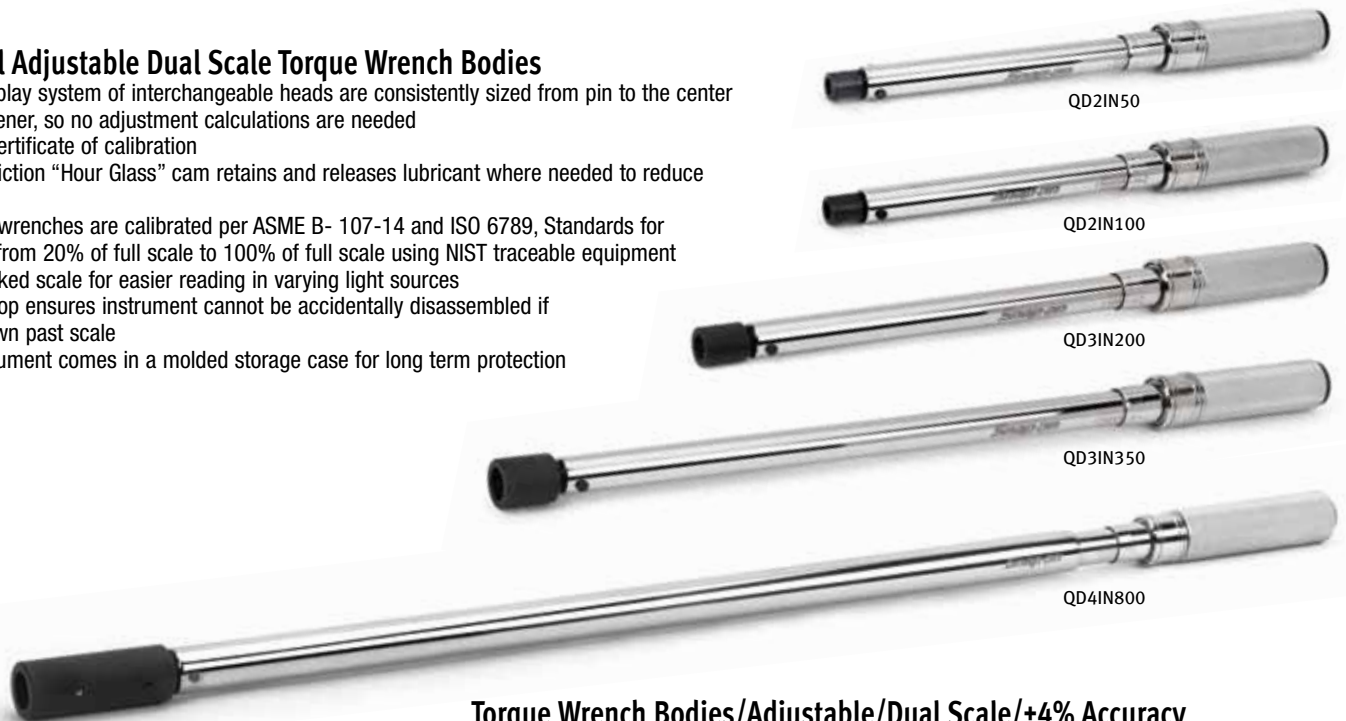
Stock No.	Model Type	Shank Dia.	Range	Increments	Length, inches
QC1I200	Adjustable	J (0.425")	40-200 in. lb.	1 in. lb.	9 ³ / ₈
QC2I75	Adjustable	J (0.425")	5-75 ft. lb.	.5 ft. lb.	13

Torque Wrench Bodies/Pre-Set/ $\pm 4\%$ Accuracy

Stock No.	Model Type	Shank Dia.	Range	Length, inches
QC1P60	Preset	J (0.425")	10-60 in. lb. (11-66 dN•m)	6
QC1P100	Preset	J (0.425")	15-100 in. lb. (17-113 dN•m)	8
QC1P300	Preset	J (0.425")	60-300 in. lb. (68-339 dN•m)	10
QC2P75	Preset	J (0.425")	5-75 ft. lb. (7-100 N•m)	11
QC3P150	Preset	Y (0.560")	30-150 ft. lb. (41-203 N•m)	23
QC3P200	Preset	Y (0.560")	40-200 ft. lb. (55-270 N•m)	23
QC4P300	Preset	X (0.735")	60-300 ft. lb. (82-400 N•m)	27

Industrial Adjustable Dual Scale Torque Wrench Bodies

- Plug-and-play system of interchangeable heads are consistently sized from pin to the center of the fastener, so no adjustment calculations are needed
- Includes certificate of calibration
- Minimal friction "Hour Glass" cam retains and releases lubricant where needed to reduce friction
- All torque wrenches are calibrated per ASME B- 107-14 and ISO 6789, Standards for Accuracy, from 20% of full scale to 100% of full scale using NIST traceable equipment
- Laser marked scale for easier reading in varying light sources
- Positive stop ensures instrument cannot be accidentally disassembled if wound down past scale
- Each instrument comes in a molded storage case for long term protection



With thousands of different types of torque wrenches, Snap-on is well equipped to meet any torque challenges you may have. Other torque wrench models available can be viewed in our standard catalog.

Torque Wrench Bodies/Adjustable/Dual Scale/ $\pm 4\%$ Accuracy

Stock No.	Upper Range, ft. lb.	Lower Range, ft. lb.	Upper Range (Nm)	Lower Range (Nm)	Increments	Shank Type	Weight (g)	Weight (lb)	Length (mm)
QD2IN50	36	8	50	100	.5 Nm/0.4 ft. lb.	J	1127	2.3	368
QD2IN100	72	16	100	20	.5 Nm/0.4 ft. lb.	J	1127	2.3	368
QD3IN200	150	20	200	40	2 Nm/1.2 ft. lb.	Y	1647	3.36	584
QD3IN350	251	59	350	70	2 Nm/1.2 ft. lb.	X	1647	3.36	584
QD4IN800	600	120	800	150	5 Nm/4.3 ft. lb.	Z	5461	11.14	1054

Torque Heads - Interchangeable

Square Drive Heads/Ratcheting

Allow use of torque wrench bodies on previous page with sockets, crowfoot wrenches, or other similar attachment.



QJD12A

Drive Size	J (0.425")	Y (0.560")	X (0.735")	Z (0.990")	Head O.D., in.	Depth, in.	Center of Fastener to Retaining Pin	Ratchet Service Kit
1/4	QJD8A-72** (350)	—	—	—	17/32	9/64	QJD Series - 2.50"	RKRT936
3/8	QJD12A** (900)	QYD12A** (1,200)	—	—	21/32	11/64	QYD Series - 3.00"	RKRF936
1/2	QJD16A** (900)	QYD16A** (2,400)	QXD16A** (3,000)	—	21/32	11/64	QXD Series - 4.50"	RKRS936
3/4	—	—	QXD24A (3,600)	QZD24BDP* (7,200)	25/32	11/64	QZD Series - 5.75"	RKRQC4
1	—	—	QXD32A (3,600)	QZD32BDP* (7,200)	29/32	11/64	—	RKRQC5

* Dual Pinned

** U.S. Patent 6,125,722 applies to these ratchet heads.

Value in parentheses in chart is the Maximum Recommended Working Torque, in. lb.

Square Drive Heads/Fixed

Allow use of torque wrench bodies on previous page with sockets, crowfoot wrenches, or other similar attachments.



QYSD16A

Drive Size	J (0.425")	Y (0.560")	X (0.735")	Z (0.990")	Center of Fastener to Retaining Pin
1/4	QJSD8A (350)	—	—	—	QJD Series - 2.50"
3/8	QJSD12A (900)	QYSD12A (1,200)	—	—	QYD Series - 3.00"
1/2	QJSD16A (900)	QYSD16A (2,400)	QXSD16A (3,000)	—	QXD Series - 4.50"
3/4	—	—	QXSD24A (3,600)	QZSD24ADP* (7,200)	QZD Series - 5.75"
1	—	—	QXSD32A (3,600)	QZSD32ADP* (7,200)	—

* Dual Pinned

Value in parentheses is the Maximum Recommended Working Torque, in. lb.

Open End Heads



QJO28A

Center of fastener to retaining pin:

QJO Series - 2.50"

QYO Series - 3.00"

QXO Series - 4.50"

QZO Series - 5.75"

Drive Size	J (0.425")	Y (0.560")	X (0.735")	Z (0.990")	O.D., inches	Head Depth, inches
1/4	QJO8A** (55)	—	—	—	17/32	9/64
5/16	QJO10A (110)	—	—	—	21/32	11/64
3/8	QJO12A (220)	—	—	—	25/32	11/64
7/16	QJO14A (310)	—	—	—	29/32	11/64
1/2	QJO16A (410)	—	—	—	1 1/16	11/64
9/16	QJO18A (695)	QYO18A (695)	—	—	1 1/16	11/64 [QJO18A = 9/32]
5/8	QJO20A (835)	QYO20A (835)	—	—	1 5/16	11/64 [QJO20A = 9/32]
11/16	QJO22A (900)	QYO22A (1,185)	—	—	1 7/16	11/64 [QJO22A = 5/16]
3/4	QJO24A (900)	QYO24A (1,500)	QXO24A (1,500)	—	1 19/32	11/64 [QJO24A = 11/32]
13/16	QJO26A (900)	QYO26A (2,310)	QXO26A (1,965)	—	1 23/32	3/8
7/8	QJO28A (900)	QYO28A (2,310)	—	—	1 23/32	3/8
15/16	QJO30A (900)	QYO30A (2,400)	QXO30A (2,400)	—	1 29/32	13/32
1	QJO32A (900)	QYO32A (2,400)	QXO32A (3,575)	QZO32ADP* (3,575)	2 1/32	7/16
1 1/16	QJO34A (900)	QYO34A (2,400)	—	—	2 3/16	15/32
1 1/8	—	QYO36A (2,400)	QXO36A (3,600)	QZO36ADP* (4,400)	2 5/16	15/32
1 3/16	—	—	—	QZO38ADP* (5,200)	2 7/16	1/2
1 1/4	—	QYO40A (2,400)	QXO40A (3,600)	QZO40ADP* (5,775)	2 9/16	17/32
1 5/16	—	QYO42A (2,400)	—	QZO42ADP* (5,600)	2 21/32	9/16
1 3/8	—	QYO44A (2,400)	QXO44A (3,600)	—	2 3/16	19/32
1 7/16	—	QYO46A (2,400)	QXO46A (3,600)	QZO46ADP* (7,200)	3	19/32
1 1/2	—	QYO48A (2,400)	QXO48A (3,600)	QZO48ADP* (7,200)	3 1/16	5/8
1 9/16	—	QYO50A (2,400)	QXO50A (3,600)	QZO50ADP* (7,200)	3 3/16	21/32
1 5/8	—	QYO52A (2,400)	QXO52A (3,600)	QZO52ADP* (7,200)	3 11/32	11/16
1 11/16	—	—	QXO54A (3,600)	QZO54ADP* (7,200)	3 13/32	23/32
1 3/4	—	—	QXO56A (3,600)	QZO56ADP* (7,200)	3 9/16	23/32
1 13/16	—	—	QXO58A (3,600)	QZO58ADP* (7,200)	3 21/32	13/32
1 7/8	—	—	QXO60A (3,600)	QZO60ADP* (7,200)	3 13/16	25/32
2	—	—	QXO64A (3,600)	QZO64ADP* (7,200)	4 1/16	27/32
2 1/16	—	—	—	QZO66ADP* (7,200)	4 3/16	27/32
2 1/8	—	—	—	QZO68ADP* (7,200)	4 5/16	5/8
2 1/4	—	—	—	QZO72ADP* (7,200)	4 9/16	15/16
2 1/4	—	—	—	QZO80ADP* (7,200)	5 1/16	1

* Dual Pinned

**Use with QC1P100 and QC1I200 Torque Bodies only; other heads may be used with all listed torque bodies.

Value in parentheses is the Maximum Recommended Working Torque, in. lb.

Torque Heads - Interchangeable



QJOM11A

Center of fastener
to retaining pin:
QJOM Series - 2.50"
QYOM Series - 3.00"
QXOM Series - 4.50"
QZOM Series - 5.75"



QYRX24A

Open End Heads

mm	J (0.425")	Y (0.560")	X (0.735")	Z (0.990")	O.D., mm	Head Depth, mm
6	QJOM6A** (60)	—	—	—	13.5	3.6
7	QJOM7A** (75)	—	—	—	13.5	3.6
8	QJOM8A** (120)	—	—	—	16.5	3.3
9	QJOM9A (170)	—	—	—	19.8	4.8
10	QJOM10A (265)	—	—	—	19.8	4.8
11	QJOM11A (400)	—	—	—	22.9	5.6
12	QJOM12A (430)	—	—	—	26.9	6.1
13	QJOM13A (495)	—	—	—	26.9	6.1
14	QJOM14A (665)	QYOM14A (665)	—	—	29.5	6.6
15	QJOM15A (885)	QYOM15A (885)	—	—	33.3	6.9
16	QJOM16A (900)	QYOM16A (1,060)	—	—	33.3	6.9
17	QJOM17A (900)	QYOM17A (1,235)	—	—	37.1	7.3
18	QJOM18A (900)	QYOM18A (1,375)	QXOM18A (1,375)	—	37.1	7.3
19	QJOM19A (900)	QYOM19A (1,650)	QXOM19A (1,650)	—	40.4	7.6
20	—	QYOM20A (1,925)	QXOM20A (1,925)	—	43.7	9.2
21	QJOM21A (900)	QYOM21A (2,160)	QXOM21A (2,160)	—	43.7	9.2
22	QJOM22A (900)	QYOM22A (2,400)	QXOM22A (2,470)	—	43.7	9.2
23	QJOM23A (900)	QYOM23A (2,400)	QXOM23A (2,745)	—	47	10
24	QJOM24A (900)	QYOM24A (2,400)	QXOM24A (2,970)	QZOM24ADP* (2,970)	49	11
25	QJOM25A (900)	QYOM25A (2,400)	—	QZOM25ADP* (3,295)	52	11
26	QJOM26A (900)	—	QXOM26A (3,570)	QZOM26ADP* (3,570)	53	11
27	QJOM27A (900)	QYOM27A (2,400)	—	QZOM27ADP* (3,825)	55	12
29	—	QYOM29A (2,400)	QXOM29A (3,600)	QZOM29ADP* (4,550)	58	12
30	—	QYOM30A (2,400)	QXOM30A (3,600)	QZOM30ADP* (4,950)	61	13
32	—	QYOM32A (2,400)	QXOM32A (3,600)	QZOM32ADP* (5,755)	65	14
34	—	QYOM34A (2,400)	QXOM34A (3,600)	QZOM34ADP* (6,595)	68	14
36	—	QYOM36A (2,400)	QXOM36A (3,600)	QZOM36ADP* (7,200)	74	15

* Dual Pinned

**Use with QC1P100 and QC1I200 Torque bodies only; other heads may be used with all listed torque bodies
Value in parentheses is the Maximum Recommended Working Torque, in. lb.

6-Point Flare Nut Heads

mm	Shank Dia. J (0.425")	Shank Dia. Y (0.560")	O.D., inches	Head Depth, inches
7/16	QJRXS14A (500)	—	27/32	11/32
15/16	QJRXS30A (900)	—	1 1/2	19/32
5/8	—	QYRXS20A (950)	1 3/32	7/16
11/16	—	QYRXS22A (1,100)	1 5/32	15/32
3/4	—	QYRXS24A (1,245)	1 1/4	1/2
13/16	—	QYRXS26A (1,400)	1 9/16	17/32
7/8	—	QYRXS28A (1,600)	1 13/32	9/16
15/16	—	QYRXS30A (1,750)	1 1/2	19/32
1	—	QYRXS32A (1,900)	1 9/16	5/8
1 1/8	—	QYRXS36A (2,200)	1 3/4	11/16

Value in parentheses is the Maximum Recommended Working Torque, in. lb.

6-Point Flare Nut Heads

mm	Shank Dia. J (0.425")	Shank Dia. Y (0.560")	O.D., mm	Head Depth, mm
10	QJRXSM10A (400)	—	20	8
11	QJRXSM11A (500)	—	21	9
12	QJRXSM12A (600)	—	22	9
13	QJRXSM13A (700)	—	24	9
14	QJRXSM14A (740)	—	25	10
16	—	QYRXSM16A (900)	27	11
17	QJRXSM17A (900)	QYRXSM17A (1,000)	29	11
18	—	QYRXSM18A (1,125)	30	12
19	—	QYRXSM19A (1,250)	32	12
20	—	QYRXSM20A (1,350)	33	13

Value in parentheses is the Maximum Recommended Working Torque, in. lb.

Open End Heads/Ratcheting

mm	Shank Dia. J (0.425")	Shank Dia. Y (0.560")	O.D., inches	Head Depth, inches
5/16	QJRO10A (130)	—	5/8	3/16
7/16	—	QYRO14A (415)	7/8	1/4
1/2	—	QYRO16A (515)	1	9/32
9/16	QJRO18A (720)	QYRO18A (720)	1 1/8	9/32
5/8	—	QYRO20A (1,100)	1 7/32	5/16

Value in parentheses is the Maximum Recommended Working Torque, in. lb.

Open End Heads/Ratcheting

mm	Shank Dia. J (0.425")	Shank Dia. Y (0.560")	O.D., mm	Head Depth, mm
10	QJROM10A (245)	—	20	6

Value in parentheses is the Maximum Recommended Working Torque, in. lb.

Center of fastener
to retaining pin:
QJRXS Series - 2.50"
QYRXS Series - 3.00"
QJRXSM Series - 2.50"
QYRXSM Series - 3.00"
QJRX Series - 2.50"
QYRX Series - 3.00"
QJRO Series - 2.50"
QYRO Series - 3.00"
QJROM Series - 2.50"
QYROM Series - 3.00"

12-Point Flare Nut Heads

mm	Shank Dia. Y (0.560")	O.D., inches	Head Depth, inches
9/16	QYRX18A (800)	1	13/32
5/8	QYRX20A (950)	1 3/32	7/16
11/16	QYRX22A (1,100)	1 5/32	15/32
3/4	QYRX24A (1,245)	1 1/4	1/2
13/16	QYRX26A (1,400)	1 11/32	17/32
7/8	QYRX28A (1,600)	1 13/32	9/16
15/16	QYRX30A (1,750)	1 1/2	19/32
1	QYRX32A (1,900)	1 19/32	21/32
1 1/16	QYRX34A (2,050)	1 21/32	11/16
1 1/8	QYRX36A (2,200)	1 3/4	23/32
1 3/16	QYRX38A (2,400)	1 7/16	3/4
1 1/4	QYRX40A (2,400)	1 29/32	25/32

Value in parentheses is the Maximum Recommended Working Torque, in. lb.

Torque Heads - Interchangeable

12-Point Box End Heads



QYXM36A

Center of fastener
to retaining pin:
QJXM Series - 2.50"
QYXM Series - 3.00"
QXXM Series - 4.50"
QZXM Series - 5.75"

mm	J (0.425")	Y (0.560")	X (0.735")	Z (0.990")	O.D., mm	Head Depth, mm
6	QJXM6A (180)	—	—	—	11	5
7	QJXM7A (240)	—	—	—	11	5
8	QJXM8A (265)	—	—	—	13	6
9	QJXM9A (355)	—	—	—	14	6
10	QJXM10A (630)	—	—	—	15	7
11	QJXM11A (710)	—	—	—	17	8
12	QJXM12A (805)	—	—	—	18	8
13	QJXM13A (900)	—	—	—	20	9
14	QJXM14A (900)	QYXM14A (1,400)	—	—	21	9
15	QJXM15A (900)	QYXM15A (1,770)	—	—	22	10
16	QJXM16A (900)	QYXM16A (2,195)	—	—	24	10
17	QJXM17A (900)	QYXM17A (2,365)	QXXM17A (2,365)	—	25	11
18	QJXM18A (900)	QYXM18A (2,400)	QXXM18A (2,690)	—	27	12
19	QJXM19A (900)	QYXM19A (2,400)	QXXM19A (2,860)	—	28	12
20	QJXM20A (900)	QYXM20A (2,400)	QXXM20A (3,070)	—	30	13
21	QJXM21A (900)	QYXM21A (2,400)	QXXM21A (3,295)	—	31	13
22	QJXM22A (900)	QYXM22A (2,400)	QXXM22A (3,600)	—	32	14
23	QJXM23A (900)	QYXM23A (2,400)	QXXM23A (3,600)	—	34	15
24	QJXM24A (900)	QYXM24A (2,400)	QXXM24A (3,600)	QZXM24ADP* (4,505)	35	15
25	—	—	—	QZXM25ADP* (4,950)	37	16
26	QJXM26A (900)	QYXM26A (2,400)	—	QZXM26ADP* (5,380)	38	16
27	QJXM27A (900)	QYXM27A (2,400)	QXXM27A (3,600)	QZXM27ADP* (5,940)	39	17
29	—	QYXM29A (2,400)	—	QZXM29ADP* (6,640)	42	18
30	—	QYXM30A (2,400)	QXXM30A (3,600)	QZXM30ADP* (7,035)	44	19
32	—	QYXM32A (2,400)	QXXM32A (3,600)	QZXM32ADP* (7,200)	46	19
34	—	QYXM34A (2,400)	—	QZXM34ADP* (7,200)	48	19
36	—	QYXM36A (2,400)	—	QZXM36ADP* (7,200)	53	22

* Dual Pinned

Value in parentheses is the Maximum Recommended Working Torque, in. lb.

12-Point Box End Heads



QJX12A



QXX52A

Center of fastener
to retaining pin:
QJX Series - 2.50"
QYX Series - 3.00"
QXX Series - 4.50"
QZX Series - 5.75"

in	J (0.425")	Y (0.560")	X (0.735")	Z (0.990")	O.D., inches	Head Depth, inches
1/4	QJX8A (220)	—	—	—	13/32	3/16
9/32	QJX9A (250)	—	—	—	13/32	3/16
3/8	QJX12A (490)	—	—	—	9/32	1/4
7/16	QJX14A (715)	—	—	—	21/32	5/16
1/2	QJX16A (900)	—	—	—	3/4	11/32
9/16	QJX18A (900)	QYX18A (1,340)	—	—	27/32	3/8
5/8	QJX20A (900)	QYX20A (2,050)	—	—	15/16	13/32
11/16	QJX22A (900)	QYX22A (2,400)	—	—	1 1/32	7/16
3/4	QJX24A (900)	QYX24A (2,400)	QXX24A (2,630)	—	1 1/8	15/32
13/16	QJX26A (900)	QYX26A (2,400)	—	—	1 3/16	17/32
7/8	QJX28A (900)	QYX28A (2,400)	QXX28A (3,600)	—	1 9/32	9/16
15/16	QJX30A (900)	QYX30A (2,400)	QXX30A (3,600)	—	1 3/8	19/32
1	QJX32A (900)	QYX32A (2,400)	QXX32A (3,600)	—	1 15/32	21/32
1 1/16	QJX34A (900)	QYX34A (2,400)	—	QZX34ADP* (5,940)	1 9/16	11/16
1 1/8	—	—	QXX36A (3,600)	QZX36ADP* (6,430)	1 5/8	11/16
1 3/16	—	QYX38A (2,400)	—	QZX38ADP* (7,200)	1 3/4	3/4
1 1/4	—	QYX40A (2,400)	QXX40A (3,600)	QZX40ADP* (7,200)	1 13/16	3/4
1 5/16	—	—	—	QZX42ADP* (7,200)	1 29/32	3/4
1 7/16	—	—	QXX46A (3,600)	QZX46ADP* (7,200)	2 1/16	7/8
1 1/2	—	QYX48A (2,400)	QXX48A (3,600)	QZX48ADP* (7,200)	2 5/32	7/8
1 9/16	—	—	—	QZX50ADP* (7,200)	2 1/4	7/8
1 5/8	—	QYX52A (2,400)	QXX52A (3,600)	QZX52ADP* (7,200)	2 11/32	7/8
1 3/4	—	—	—	QZX56ADP* (7,200)	2 17/32	1 1/32
1 13/16	—	—	QXX58A (3,600)	QZX58ADP* (7,200)	2 5/8	1 1/32
1 7/8	—	—	QXX60A (3,600)	QZX60ADP* (7,200)	2 11/32	1 1/32
2	—	—	QXX64A (3,600)	QZX64ADP* (7,200)	2 7/8	1 1/32
2 1/16	—	—	—	QZX66ADP* (7,200)	2 21/32	1 3/16
2 1/8	—	—	—	QZX68ADP* (7,200)	3 1/16	1 3/16
2 1/4	—	—	—	QZX72ADP* (7,200)	3 7/32	1 3/16
2 1/2	—	—	—	QZX80ADP* (7,200)	3 19/32	1 5/16

* Dual Pinned

Value in parentheses is the Maximum Recommended Working Torque, in. lb.

Torque Heads - Interchangeable



QJBOER14A



QJBOER16A



QJBOER18A



QJBOER20A



QJBOER24A



RTWH64Y
(Shown open
& closed)

Interchangeable Ratcheting Box End Torque Wrench Heads

- Ratcheting box head allows constant contact with the fastener
- Plug-and-play shanks are consistently sized from pin to the center of the fastener, so no adjustment calculations are needed
- Reverse lever is located on top of the head to reduce the chance of accidental ratchet reversal



QJBOERM16A



QJBOERM18A

12-Point Interchangeable Ratcheting Box End Torque Wrench Heads

mm	J (0.425")	O.D., mm	Head Depth, mm
10	QJBOERM10A	21.9	5.0
13	QJBOERM13A	25.9	6.3
16	QJBOERM16A	33.6	7.0
17	QJBOERM17A	36.5	7.0
18	QJBOERM18A	38.5	8.0
19	QJBOERM19A	38.7	8.7
20	QJBOERM20A	43.2	9.4
22	QJBOERM22A	45.7	9.4
24	QJBOERM24A	49.5	11.2

12-Point Interchangeable Ratcheting Box End Torque Wrench Heads

11	J (0.425")	O.D., inches	Head Depth, inches
3/8	QJBOER12A	7/8	3/16
7/16	QJBOER14A	15/16	7/32
1/2	QJBOER16A	1 1/32	1/4
9/16	QJBOER18A	1 3/16	1/4
5/8	QJBOER20A	1 5/16	9/32
11/16	QJBOER22S	1 7/16	3/32
3/4	QJBOER24A	1 17/32	11/32

RTWH Series Ratcheting Flare Nut Heads

- Designed and manufactured in compliance with Boeing ST2599 specifications
- Metric sizes available on special order, see your Snap-on® Representative for details

11	J (0.425")	Y (0.560")
3/8	—	RTWH24Y
7/16	RTWH28J	—
1/2	RTWH32J	—
9/16	RTWH36J	—
5/8	RTWH40J	RTWH40Y
11/16	RTWH44J	RTWH44Y
3/4	RTWH48J	—
7/8	RTWH56J	RTWH56Y
15/16	RTWH60J	—
1	RTWH64J	RTWH64Y
1 1/4	RTWH80J	—
2	RTWH128J	—
2 1/8	—	RTWH136Y
2 1/4	RTWH144J	RTWH144Y

Torque Testing & Calibration

Motor Controller on TTC2800 - mounts in this location.



TTC2800 Basic System
(Shown with TTC400 Transducer)

Versatest™ Electronic Torque Tester

- Automatic sensor recognition with TTC series "Smart" transducers
- Range: 15 in. oz. to 2,000 ft. lb. (bi-directional)
- Total uncertainty (10% to 100% of range): +/- 0.25% of indicated torque value
- Alpha-numeric 8 digit display
- Memory to 3,000 values
- Includes low profile serial printer
- Date and time stamp for stored values
- Statistical analysis performed on stored data
- Programmable manual or automatic options for clear, store and print functions
- Recall and review of stored torque values
- Modes—TRACK, PEAK, FIRST PEAK and POWER TOOL
- Optional angle encoder
- RS232C port is standard
- Analog output is standard
- Full digital circuitry
- 8 torque measurement units: in. oz., in. lb., ft. lb., cN•m, dN•m, N•m, kg•cm and kg•m
- Automatic lock up for transducer protection
- Automatic zero
- Automatic transducer recognition
- Operates on 120VAC or 240VAC

TTC2000/TTC2800 System Specifications

TTC2000 Manual Loader System	Torque/Force Display	Eight digit, alpha-numeric, super bright red LED, 0.55 inch character height
	Capacity	8 digits +/- 32,000 counts (16 bit A/D)
	Accuracy	+/- 0.25% of reading at 25° C (with TTC Transducer calibration)
	Temperature Drift	+ 0.03% / C (+ 0.017% / F)
	Units Of Measure	TORQUE: ft. lb., in. lb., in. oz., N•m, dN•m, kg•cm and kg•cm; FORCE: lbf, ozf, N, dN, kp and gf
	Maximum Range Display	2-line x 16 character 5 x 8 dot-matrix LCD used for MAX. Transducer range, Units, Angle, Calibration, Date/Time, Statistics, Torque/Force or Torque/Angle Limits Set, Data Store/Recall, Printer Set Up
	Modes	Track, Peak Hold, Angle, First Peak, Power Tool
	Operating Temperature	10 to 32° C (50 to 90° F)
	Storage Temperature	-20 to 50° C (-2 to 122° F)
	Humidity	Up to 90%, Non-condensing
	Power Supply	120VAC +/-10%, 50/60Hz @ 3.14A (including motor current)
	Data Storage/Recall	3,000 Measurements
	Statistical Analysis	Max, Min, Range, Mean, SigmaN, Sigma, Cp, Cpk, % Error, -NoGo, +NoGo
	Histogram	Lower Set Limit, Upper Set Limit, 10 Divisions
	Printer/Computer Serial Output Port	RS232 (True), 300-19.2K Baud
Computer Serial Com Port	RS232 (True), 300-19.2K Baud (Optional)	
Analog Output	+(CW/-CW) 1.8V at Transducer Full Range Linearity, +/-1% of reading	
Loader Control Relays	Two, Normally Open, Form A, Rated 12DVC @ 1/2A close contact at 110% CW or CCW or torque/force transducer range	
Loader Hand Crank	Input torque 8 ft. lb. Maximum, Output Torque 2,000 ft. lb. Maximum	
TTC2800 Motorized Control Loader System	Motorized Loader Modes	Manual; Auto Dial; Auto 1st Peak
	Motorized Loader Power Supply	120VAC +/- 10% Hz @ 3.14A (including motor current); (optional step down transformer for 240VAC operation)

TTC2000/TTC2800 System Components

	Stock No.	Description	Application
TTC2000 Components	TTC600	Mechanical Loader	Applies load to torque wrenches for testing on TTC2000. Includes loader, torque indicator stand, torque pin, protective shield, small transducer adaptor, and power cord. 45" W x 24" D x 9.5" H
	TTC610	Digital Indicator	Torque tester for the TTC2000 System.
	KRL762PY	Roller/Storage Cabinet	Used to mount TTC600/TTC610 (TTC2000) or TTC800/TTC810 (TTC2800) and store accessories. Not available individually
TTC2800 Components	TTC800	Motorized Loader	Applies load to torque wrenches for testing on TTC2800 System
	TTC810	Digital Indicator	Torque Tester for the TTC2800 System
	KRL762PY	Roller/Storage Cabinet	Used to mount TTC600/TTC610 (TTC2000) or TTC800/TTC810 (TTC2800) and store accessories. Not available individually

NOTE: All Snap-on® torque wrenches, drivers and testers are provided with a Certificate of Calibration (unless otherwise indicated). All wrenches and drivers are calibrated per ASME and ISO standards for accuracy, from 20% to 100% of full scale, using NIST traceable equipment.

Torque Testing & Calibration

Digital Torque Tester™

Stock No.	Drive Size	Range, English	Range, N•m	Range, kgcm
QC1DTT10	1/4	10-100 in.oz.	.7 - 7.06	.72 - 7.20
QC1DTT50	1/4	5 - 50 in. oz.	.56 - 5.65	5.76 - 57.60
QC2DTT250	3/8	25 - 250 in. lb.	2.82 - 28.25	28.80 - 288.0
QC3DTT125	1/2	12.5 - 125 ft. lb.	16.95 - 169.5	172.8 - 1728
QC3DTT250	1/2	25-250 ft. lb.	33.90 - 338.9	345.6 - 3456
QC4DTT600	3/4	60 - 600 ft. lb.	81.35 - 813.5	829.5 - 8295

The certification of accuracy provided per ASME and ISO Standards is 10% to 100% of full scale.

NOTE: All Snap-on® torque wrenches, drivers and testers are provided with a Certificate of Calibration (unless otherwise indicated). All wrenches and drivers are calibrated per ASME and ISO standards for accuracy, from 20% to 100% of full scale, using NIST traceable equipment.



QC3DTT250

Joint Rate Simulator Adaptors

- Use with torque tester when testing non-impacting power tools
- Square drive adaptor is placed on top of square drive of the torque tester and tightened with a set screw
- Adaptor bit is inserted into the power tool and mated to the top of the joint adaptor
- By stacking the Belleville washers in set patterns, the joint rate adaptor can simulate soft, medium, or hard joints

Stock No.	Drive Size	Capacity, in. lb.	Adaptor Bit	Load Screw
QC1JRS50	1/4	50	1/4" Hex x 3/16" Hex	1/4" x 28 x 1
QC2JRS400	3/8	400	3/8" Square Internal x 3/8" Hex	7/16" x 20 x 1.5
QC2JRS1000	3/8	1,000	3/8" Square Internal x 1/2" Hex	5/8" x 18 x 1.5



QC2JRS400

Torque Screwdrivers



QDRIVER3P

Preset Torque Screwdrivers/±6% Accuracy

- Ideal for low torque assemblies and precision application
- Drivers accept all standard 1/4" hex screwdriver bits
- Cam-over torque limiting clutch free wheels when set torque is achieved
- Accuracy is ±6% from 20% to 100% of full scale in clockwise direction only for all drivers in series
- Lightweight construction features red anodized aluminum body with stainless steel shank
- Comfortable ergonomic tri-lobe grip and magnetic bit retention
- Not supplied with certificate of calibration

Stock No.	Range, minimum	Range, maximum	Length, inches
QDRIVER1P	6 in. oz. (4 N•cm)	32 in. oz. (22 N•cm)	4 9/16
QDRIVER2P	10 in. oz. (7 N•cm)	100 in. oz. (70 N•cm)	5 5/8
QDRIVER3P	1.5 in. lb. (16 N•cm)	15 in. lb. (169 N•cm)	5 5/8
QDRIVER4P	4 in. lb. (45 N•cm)	40 in. lb. (451 N•cm)	6

Torque Limiting Drivers/±4% Accuracy

QTS135 Adjustable Limiting Driver.

- Micrometer type adjustment
- Clutch allows 25° of free rotation on reaching set torque
- Guaranteed accuracy: within ±4% of setting from 20% of capacity to full capacity clockwise and counterclockwise

Stock No.	Range, minimum	Range, maximum	Increments	Length, inches
QTS135	5 in. lb.	35 in. lb.	0.5 in. lb.	7

Adjustable Torque Screwdrivers/±6% Accuracy

- Ideal for low torque assemblies, precision applications and dash/under dash work on most domestic and imported vehicles
- Drivers accept all standard 1/4" hex screwdriver bits
- Cam-over torque limiting clutch free wheels when set torque is achieved
- Accuracy is ±6% from 20% to 100% of full scale in clockwise direction only for all drivers in series
- Lightweight construction features red anodized aluminum body with stainless steel shank
- Comfortable ergonomic tri-lobe grip and magnetic bit retention

Stock No.	Range	Resolution	Length, inches
QDRIVER2	20 - 100 in. oz. (14 - 70 N•cm)	1 in. oz.	5 7/16
QDRIVER3	3 - 15 in. lb. (34 - 169 N•cm)	.2 in. lb.	5 7/16
QDRIVER4	5 - 40 in. lb. (56 - 451 N•cm)	.5 in. lb.	6 11/16
QDRIVER4NM	90 - 450 N•cm		6 11/16



QDRIVER3



QTS135

QTSP135 U.S. Preset Limiting Driver.

- Clutch mechanism to help prevent over torquing by allowing free rotation upon reaching the set torque value
- Ideal selection for assembly line work where the same requirement is constant
- Can be reset at different torque values or readjusted for accuracy whenever necessary

SIoux® Air Drills

Sioux® Drills are used in applications ranging from light assembly to metalworking, manufactured housing and wood working. Their powerful five vane motors makes these drills great for drilling applications that contain ferrous and non-ferrous metals, wood and composite materials.

Built for durability, their 3 planet gear system delivers superior life and load capacity. The Sioux® Drills offer maximum comfort with reduced operator fatigue by offering a low sound level and low vibration solution. Operator comfort is achieved through the implementation of a light weight aluminum housing and a comfort grip. Drills are available in both reversing and non-reversing pistol grip and lever handle configurations.

Performance

Powerful 0.6 HP and 1.0 HP motors easily handle a wide range of drilling applications

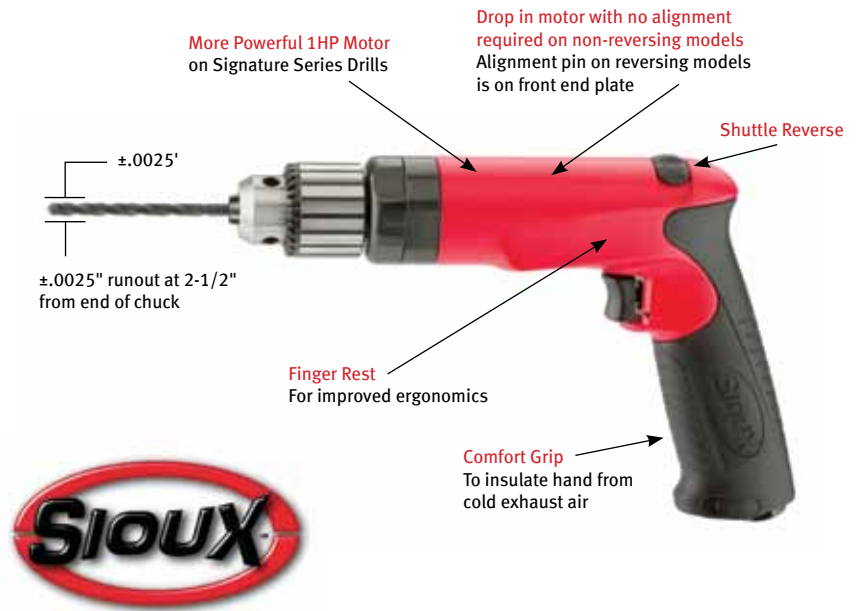
- With excellent run-out characteristics, (+/- 0.0025" @ 2.5" from the end of the chuck) Sioux drills provide precision required for critical applications
- Teasing trigger provides excellent speed control

Ergonomics

- Comfortable, compact drill bodies includes finger rests on the side of tool do not protrude which allows trigger actuation with stronger middle finger
- Anatomic design keeps wrist and arm straight, allows high feed forces
- Low noise and vibration levels for comfort in extended use operations

Serviceability

- Drop in motors with no alignment required (applies to non-reversing drills only)
- High part interchangeability = lower service part inventories



Reversible Air Drills

- Pistol Grip (0.6 HP & 1.0 HP)
 - Shuttle Reverse
- Right Angle Drills (1.0 HP)
 - Rapid Reverse
- Side to Center = 0.8" (20mm)
- Max Air Consumption:
 - 0.6 HP Drills - 25 scfm (12 l/s)
 - 1.0 HP Drills - 30 scfm (14 l/s)



Style	Stock Number	Chuck Capacity		Free Speed rpm	Weight		Length		Spindle Thread	Sound Level dB(A)
		in.	mm		lb	kg	in	mm		
1.0 hp (0.75 kw) Pistol Grip Drills - Reversible	SDR10P40R2	1/4	6	4,000	2.4	1.1	7.1	180	3/8" - 24	80
	SDR10P25R2			2,500						
	SDR10P20R2			2,000						
	SDR10P40R3	3/8	10	4,000	2.6	1.2	7.6	195	3/8" - 24	
	SDR10P25R3			2,500						
	SDR10P20R3			2,000						
	SDR10P7R3			700						
	SDR10P5R3	1/2	13	500	3.1	1.4	8.6	220	1/2" - 20	
	SDR10P3R3			300						
	SDR10P20R4			2,000						
	SDR10P7R4	1/2	13	700	3.6	1.6	9.1	230	1/2" - 20	
	SDR10P5R4			500						
SDR10P3R4	300									
SDR10A20R2	1/4			6						2,000
SDR10A16R2		1,600								
SDR10A20R3		2,000								
1.0 hp (0.75 kw) RIGHT Angle Drills - Reversible	SDR10A16R3	3/8	10	1,600	3.3	1.5	12	305	1/2" - 20	
	SDR10A10R3			1,000						
	SDR10A6R3			600						
	SDR10A3R3			300						
	SDR10A10R4	1/2	13	1,000	3.7	1.7	12	305	1/2" - 20	
	SDR10A6R4			600						
	SDR10A3R4			300						

SIoux® Air Drills

- ❶ Tipper valve and valve seat is easily accessible for service
- ❷ Slip fit of front end plate bearing allows easy service of the air motor without disturbing the rotor spacing
- ❸ Drop in motor. No alignment necessary (applies to non-reversing drills only)
- ❹ Rotor pinion is case hardened to resist wear
- ❺ Grease zerk makes it easy to grease the gears without disassembly
- ❻ Planetary reduction can be serviced without removing the chuck
- ❼ Planet gear pins are slip fit for ease of assembly and disassembly
- ❽ Ring gear is machined into the motor retainer for ease of assembly and disassembly
- ❾ Interchangeable rotor, cylinder, bearings and endplates. This reduces the number of spare parts tool cribs need to stock



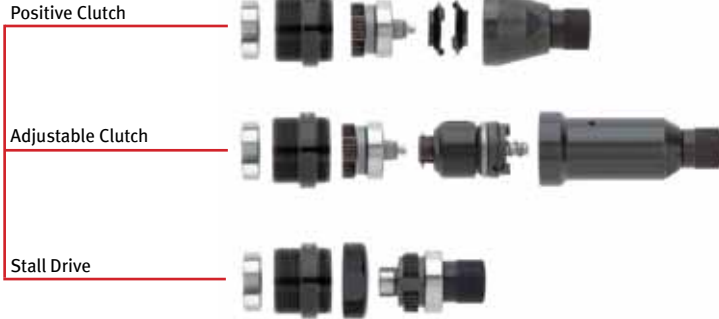
Non-Reversible Air Drills

- Pistol Grip (0.6 HP & 1.0 HP)
- Straight Drills (1.0 HP)
- Right Angle Drills (1.0 HP)
- Side to Center = 0.8" (20mm)
- Max Air Consumption:
 - 0.6 HP Drills - 25 scfm (12 l/s)
 - 1.0 HP Drills - 30 scfm (14 l/s)



Style	Stock Number	Chuck Capacity		Free Speed rpm	Weight		Length		Spindle Thread	Sound Level dB(A)
		in.	mm		lb	kg	in	mm		
.60 hp (0.45 kw) PISTOL GRIP DRILLS- Non- Reversible	SDR6P60N2	1/4	6	6,000	2.1	0.95	5.8	145	3/8"-24	80
	SDR6P40N2			4,000						
	SDR6P26N2			2,600						
	SDR6P60N3	3/8	10	6,000	2.3	1	6.3	160		
	SDR6P40N3			4,000						
	SDR6P26N3			2,600						
	SDR6P12N3			1,200						
	SDR6P7N3	1/2	13	700	2.7	1.2	7.3	185		
	SDR6P4N3			400						
	SDR6P26N4			2,600						
	SDR6P7N4			700						
	SDR6P4N4	1/2	13	400	3.1	1.4	7.8	200		
SDR6P26N4	2,600									
SDR6P7N4	700									
1.0 hp (0.75 kw) PISTOL GRIP DRILLS- Non- Reversible	SDR10P280N2	1/4	6	21,000	2.3	1.05	6.5	165	3/8"-24	80
	SDR10P180N2			18,000						
	SDR10P60N2			6,000						
	SDR10P40N2	3/8	10	4,000	2.5	1.1	7	180		
	SDR10P26N2			2,600						
	SDR10P60N3			6,000						
	SDR10P40N3			4,000						
	SDR10P26N3	3/8	10	2,600	2.9	1.3	8	205		
	SDR10P12N3			1,200						
	SDR10P7N3			700						
	SDR10P4N3			400						
	SDR10P26N4	1/2	13	2,600	2.9	1.3	7.5	190		
SDR10P7N4	700									
SDR10P4N4	400									
1.0 hp (0.75 kw) STRAIGHT DRILLS- Non- reversible	SDR10S280N2	1/4	6	21,000	2.3	1.05	8.3	211	3/8"-24	78
	SDR10S180N2			18,000						
	SDR10S60N2			6,000						
	SDR10S40N2	3/8	10	4,000	2.3	1.05	8.3	211		
	SDR10S26N2			2,600						
	SDR10S60N3			6,000						
	SDR10S40N3			4,000						
	SDR10S26N3	3/8	10	2,600	2.8	1.25	9.3	236		
	SDR10S12N3			1,200						
	SDR10S7N3			700						
	SDR10S4N3			400						
	SDR10S4N4	1/2	13	400	2.8	1.25	9.3	236		
SDR10A22N2	2,200									
SDR10A13N2	1,300									
SDR10A22N3	3/8	10	2,200	3.3	1.5	11.2	285			
SDR10A13N3			1,300							
SDR10A10N3			1,000							
SDR10A4N3			400							
SDR10A10N4	1/2	13	1,000	3.7	1.65	11.2	285			
SDR10A4N4			400							

SIoux® Air Screwdrivers



Positive Clutch, Adjustable Clutch and Stall Driver Screwdrivers

- Trigger start with conveniently located shuttle reverse
- 3 planet gear system for increased life and load capacity
- Comfortable, compact tool bodies include finger rests on side of tool, allowing trigger actuation with stronger middle finger
- Teasing throttle for excellent control
- Side to center - 0.8" (20mm)
- Maximum air consumption – 30 scfm (13 l/s)
- Contact your Snap-on® Industrial salesman to request a complete listing of Sioux® Screwdrivers and Nutrunners



Clutch Type	Stock Number	Max. Torque (Soft Joint)		Free Speed rpm	Weight		Length		Sound Level dB(A)
		in.	mm		lb	kg	in	mm	
1.0 hp (0.75 kw) Positive Clutch Pistol Grip Screwdrivers - torque output varies with force exerted by operator	SSD10P25PS	58	6.5	2500	2.4	1.07	7.3	185	80
	SSD10P20PS	80	9.0	2000					
	SSD10P12PS	145	16.4	1200	2.8	1.30	9.1	231	
1.0 hp (0.75 kw) Adjustable Clutch Pistol Grip Screwdrivers - when fastener is tight, clutch will ratchet. Adjusting spring pressure will effect final output torque. Offers consistent torque control with little operator reaction	SSD10P25AC	60	6.8	2500	2.8	1.25	8.4	213	80
	SSD10P20AC	80	9.0	2000					
	SSD10P12AC	120	13.5	1200					
	SSD10P7AC	140	15.8	700	3.2	1.45	10.2	259	
	SSD10P5AC	140	15.8	500					
SSD10P3AC	140	15.8	300						
1.0 hp (0.75 kw) Stall Drive Pistol Grip Screwdrivers - final torque is reached when resistance of the fastener overcomes the torque output of the motor. Final torque can be influenced by air pressure and/or operator twisting the tool	SSD10P25S	58	6.6	2500	2.2	0.98	6.5	165	80
	SSD10P20S	80	9.0	2000					
	SSD10P12S	145	16.4	1200	2.6	1.17	7.5	191	
	SSD10P7S	220	24.9	700					
	SSD10P5S	325	36.7	500					
SSD10P3S	400	45.2	300						



Williams® Extensions

1/2" Drive Impact Extensions & Accessories Featuring Pin Retention Hole & Groove

- Specially heat treated for impact use to provide long life, safety, and durability.
- Ball socket retention for fast socket changes.
- Suitable for use with pneumatic and electric impact wrenches.

Stock Number	Length, Inches	Socket Retention
37002	3	Ball
37003	6	Ball
37004	10	Ball
37001	2 9/16	Ball
37005	1 7/8	Ball

Fed. Spec: ANSI B107.2



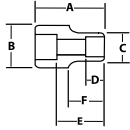


Williams® Impact Sockets featuring Pin Retention Hole & Groove

- SUPERTORQUE® lobular openings for greater turning power without deforming the fastener.
- Designed for maximum engagement on 6 point fasteners.
- Suitable for use with pneumatic and electric impact wrenches.
- Specially heat treated for impact use to provide long life, safety, and durability.
- Drive end features pin retention hole and groove.



37521 37510



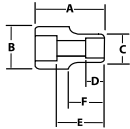
37910



37912



37124 37112



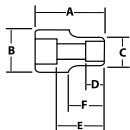
37902



37904



37324 37312



37906



37908

1/2" Drive Shallow Impact Sockets

Set Contains:

37910 37912

mm	6	A (OAL)	B (Drive End Dia.)	C (Working End Dia.)	D (Broach Depth)	E (Bolt Clearance Depth)	(Bolt Clearance Diameter)	F (Nose Length)		
10	37510	1 1/2	1	5/8	9/16	7/8	3/8	23/32	•	•
11	37511	1 1/2	1	11/16	9/16	7/8	13/32	23/32	•	•
12	37512	1 1/2	1	3/4	9/16	7/8	7/16	23/32	•	•
13	37513	1 1/2	1	13/16	17/32	7/8	15/32	23/32	•	•
14	37514	1 1/2	1	7/8	17/32	7/8	17/32	23/32	•	•
15	37515	1 1/2	1 3/16	15/16	17/32	29/32	9/16	3/4	•	•
16	37516	1 1/2	1 3/16	1	17/32	7/8	19/32	3/4	•	•
17	37517	1 1/2	1 3/16	1 1/32	17/32	7/8	21/32	3/4	•	•
18	37518	1 1/2	1 3/16	1 3/32	13/16	7/8	21/32	3/4	•	•
19	37519	1 1/2	1 3/16	1 1/8	3/4	29/32	11/16	3/4	•	•
21	37521	1 1/2	1 3/16	1 3/16	25/32	15/16	3/4	-	•	•
22	37522	1 1/2	1 1/4	1 1/4	25/32	1 1/16	13/16	-	•	•
24	37524	1 3/4	1 3/8	1 3/8	1	1 3/16	7/8	-	•	•
27	37527	1 3/4	1 17/32	1 17/32	1	1 7/32	1	-	•	•

1/2" Drive Shallow Impact Sockets

Set Contains:

37902 37904

mm	6	A (OAL)	B (Drive End Dia.)	C (Working End Dia.)	D (Broach Depth)	E (Bolt Clearance Depth)	(Bolt Clearance Diameter)	F (Nose Length)		
3/8	37112	1 1/2	15/16	5/8	9/16	7/8	5/16	3/4		•
7/16	37114	1 1/2	15/16	23/32	9/16	13/16	13/32	3/4		•
1/2	37116	1 1/2	15/16	13/16	9/16	21/32	15/32	3/4	•	•
9/16	37118	1 1/2	15/16	7/8	9/16	27/32	17/32	3/4	•	•
5/8	37120	1 1/2	1	31/32	1/2	29/32	9/16	3/4	•	•
11/16	37122	1 1/2	1 1/8	1 1/32	17/32	29/32	21/32	3/4	•	•
3/4	37124	1 1/2	1 1/8	1 1/8	3/4	29/32	-	-	•	•
13/16	37126	1 1/2	1 3/16	1 3/16	3/4	29/32	-	-	•	•
7/8	37128	1 1/2	1 1/4	1 1/4	3/4	15/16	-	-	•	•
15/16	37130	1 3/4	1 3/16	1 3/16	1	1 7/32	-	-	•	•
1	37132	1 3/4	1 1/2	1 1/2	1	1 7/32	-	-	•	•
1 1/16	37134	1 3/4	1 17/32	1 17/32	1	1 7/32	-	-	•	•
1 1/8	37136	1 3/4	1 5/8	1 5/8	1	1 3/16	-	-	•	•
1 1/4	37140	1 3/4	1 3/4	1 3/4	1	1 5/32	-	-	•	•

Fed. Spec. ANSI B107.2

1/2" Drive Deep Impact Sockets

Set Contains:

37906 37908

mm	6	A (OAL)	B (Drive End Dia.)	C (Working End Dia.)	D (Broach Depth)	E (Bolt Clearance Depth)	(Bolt Clearance Diameter)	F (Nose Length)		
3/8	37312	3 1/4	15/16	5/8	1 3/32	2 1/4	11/32	3/4		•
7/16	37314	3 1/4	15/16	11/16	1	2 3/8	13/32	3/4		•
1/2	37316	3 1/4	15/16	29/32	1 3/32	2 3/8	7/16	3/4	•	•
9/16	37318	3 1/4	15/16	7/8	1 5/32	2 11/32	1/2	3/4	•	•
5/8	37320	3 1/4	1	31/32	1 5/16	2 7/16	9/16	3/4	•	•
11/16	37322	3 1/4	1 1/8	1	1 3/8	2 17/32	21/32	3/4	•	•
3/4	37324	3 1/4	1 1/8	1 1/8	1 5/16	2 9/16	23/32	-	•	•
13/16	37326	3 1/4	1 3/16	1 3/16	1 1/2	2 11/32	3/4	-	•	•
7/8	37328	3 1/2	1 1/4	1 1/4	1 15/32	2 21/32	27/32	-	•	•
15/16	37330	3 1/2	1 3/8	1 3/8	1 13/32	2 19/32	29/32	-	•	•
1	37332	3 1/2	1 1/2	1 1/2	1 15/32	2 5/8	15/16	-	•	•
1 1/16	37334	3 1/2	1 17/32	1 17/32	1 29/32	2 17/32	1 1/32	-	•	•
1 1/8	37336	3 1/2	1 5/8	1 5/8	1 7/16	2 17/16	1 1/16	-	•	•
1 3/16	37338	3 1/2	1 21/32	1 21/32	1 13/32	2 27/32	1 1/16	-	•	•
1 1/4	37340	3 1/2	1 3/4	1 3/4	1 7/16	2 3/4	1 1/16	-	•	•

Fed. Spec. ANSI B107.2

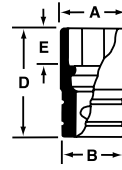
Sockets - 1/4" Drive



MGMS12B



MGMS10A



MGM14C

1/4" Drive Flank Drive® Deep Magnetic-Spring Loaded

mm	6	A	B	D	E
7	MGMS7A	10.7	12.4	50.8	5.8
8	MGMS8A	11.8	12.4	50.8	5.8
10	MGMS10A	14.1	14.1	50.8	6.4
11	MGMS11B	15.6	15.6	50.8	6.4
12	MGMS12B	17.3	17.3	50.8	7.1
13	MGMS13A	18.1	18.1	50.8	7.6

1/4" Drive Flank Drive® Shallow Magnetic

mm	6	A	B	D	E
1/4	MGM8D	7/16	1/2	7/8	3/32
5/16	MGM10C	1/2	1/2	15/16	3/32
3/8	MGM12C	9/16	19/32	15/16	1/8
7/16	MGM14C	11/16	11/16	15/16	1/8

Flank Drive® Deep Magnetic-Spring Loaded

mm	6	A	B	D	E
1/4	MGMS8A	3/8	7/16	2	3/32
5/16	MGMS10A	3/8	15/32	2	5/16

1/4" Drive Flank Drive® Shallow Magnetic

mm	6	A	B	D	E
5.5	MGMM5.5	9.9	12.4	22.2	1.9
7	MGMM7	11.5	14.0	22.2	2.0
8	MGMM8	12.7	14.0	22.2	2.4
10	MGMM10	14.8	14.8	23.8	3.1

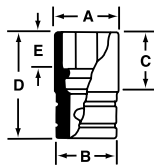
Sockets - 3/8" Drive



MFIM101

3/8" Drive Shallow Magnetic

mm	6	A	B	D	E
5/16	MFIM101	15/32	11/16	1 1/16	3/32
3/8	MFIM121	17/32	11/16	1 1/16	1/8
7/16	MFIM141	5/8	11/16	1 1/16	5/32
1/2	MFIM161	25/32	25/32	1 1/16	5/32
9/16	MFIM181	7/8	7/8	1 1/16	5/32



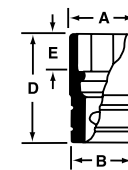
DFS10

3/8" Deep Surface Drive

mm	6	A	B	C	D	E
10	DFSM10	14.5	17.2	42.5	54.0	8.4

3/8" Deep Surface Drive

mm	6	A	B	C	D	E
7/16	DFS14	21/32	11/16	1 21/32	2 1/8	11/32



SMFIMM13B

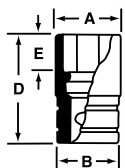


MFIMM15

3/8" Drive Shallow Magnetic

mm	6	12	A	B	D	E
10	MFIMM10A	MFIMMD10	15.1	17.2	29.1 (28.6)*	4.7 (7.1)*
12	MFIMM12	—	18.1	19.1	28.6	3.7
13	MFIMM13	—	19.4	19.4	28.6	3.9
15	MFIMM15	—	21.6	21.8	28.6	3.9

*Dimensions in () apply to 12-point sockets only.



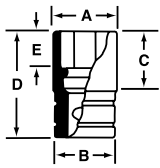
MFIMMD10

MFIMMD10 Applications: For use on Detroit Diesel 60 series. Use on the three camshaft gear thrust plate bolts located inside the camshaft gear cover within the front gear case on the engine. The technician has to go through the cover to start the bolts. If one is dropped, it is very labor intensive and time consuming to retrieve. Applies to 2002 and later 60 series Detroit Diesel engines with the compact gear case. Earlier engines with the tall gear case have 13mm six point bolts. Please use MFIMM13 for this application.

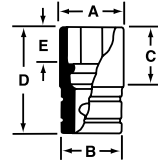
3/8" Drive Deep Magnetic-Spring Loaded

mm	6	A	B	D	E
10	SMFIMM10B	15.1	17.2	50.8	7.1
12	SMFIMM12B	18.1	19.1	50.8	7.1
13	SMFIMM13B	19.4	19.4	50.8	7.6

Sockets - 1/2" Drive





DTS16A





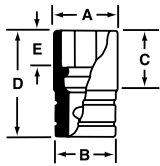
DTM15A

1/2" Drive Surface Drive Deep

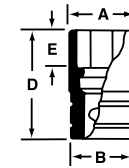
		A	B	C	D	E
1/2	DTS16A	3/4	29/32	2 19/32	3 1/4	13/32
9/16	DTS18A	13/16	29/32	2 19/32	3 1/4	13/32

1/2" Drive Surface Drive Shallow

		A	B	C	D	E
15	DTM15A	22.3	22.9	21.3	38.1	10.7





DTSM13A





MPK121A

1/2" Drive Surface Drive Deep

		A	B	C	D	E
13	DTSM13A	19.3	21.8	65.8	82.6	10.2
15	DTSM15A	22.3	21.8	65.8	82.6	10.7

- Surface drive sockets will engage with a fastener while rotating on a power nut runner

1/2" Drive Flank Drive®/Magnetic

		A	B	D	E
3/8	MPK121A	19/32	7/8	1 1/2	1/8
7/16	MPK141A	11/16	7/8	1 1/2	5/32
1/2	MPK161A	25/32	15/16	1 1/2	5/32
9/16	MPK181A	7/8	15/16	1 1/2	5/32



Sockets - M Series





M-Series Sockets

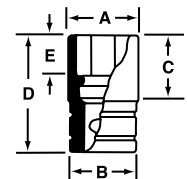
Snap-on® M-series sockets offer a precise fit, optimum hardness and durability, and ring-groove and pin hole for use on a variety of industrial fastening applications. M-series sockets also feature surface drive technology to ensure a long service life.

3/8" Drive M-Series Sockets

		A	B	C	D	E
8	M2108	12.7	19.1	16.5	31.8	5.6
10	M2110	16.5	19.1	16.5	31.8	7.4
10	M2210	16.5	19.1	39.1	50.8	7.4
15	M2115	22.2	22.2	25.4	38.1	11.4

1/2" Drive M-Series Sockets

		A	B	C	D	E
11	M3111	16.6	23.6	19.1	38.1	8.1
13	M3113	22.0	23.6	19.1	38.1	9.7
15	M3115	23.6	23.6	21.3	38.1	12.4
15	M3215	23.6	23.6	40.4	57.2	12.4
18	M3118	28.4	28.4	21.3	38.1	11.2

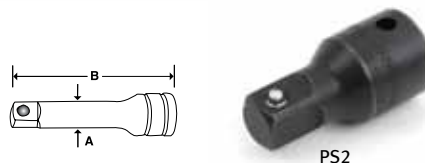


Extensions



3/8" Drive Swivel Ball Extension

mm	6	12	A	B	C	D	E
10	PFSXM910A	—	17.2	14.4	14.4	10	243.4
12	PFSXM912A	—	17.2	17.2	17	10	244.6



3/8" Drive (Power) Locking Button

Use with impact sockets with retention holes.

Stock No.	A	B
PF3	1/2	3
PF6	1/2	6
PF11A	1/2	11

1/2" Drive (Power) Lock Button Retention

Stock No.	A	B
PS2	5/8	2
PS3	5/8	3 1/2
PS5	5/8	5
PS10	5/8	10

Sockets - Screwdriver Bit



Phillips® Clutch Bit/Standard

	11	Stock No.	Drive Size	A	B (Replacement Bit)
Standard Length	#1	GTMP12E	1/4	1 7/8	TMP12E2
	#2	GFP22E	3/8	2 1/16	FP22E2

Screwdriver Bit Sockets

- For use w/ standard 1/4" hex SDM series screwdriver bits

Stock No.	Description
GTMC109NP	1/4" drive quick change coupler. Black industrial finish. Retaining Ring.
GFBS8NP	3/8" drive, 1/4" hex opening. Black industrial finish. Retaining Ring.

3/8" Drive Flat Tip Bit

	11	Stock No.	A	B (Replacement Bit)
		GF23ENP	3	—
Standard Length	5/16 x 3/64	GF25E	3	F25E2A
	3/8 x 1/16	GF31E	3 7/16	F31E2A
Short	3/8 x 1/16	GF62E	1 27/32	F62E2

Magnetic Screwdriver Bit Socket

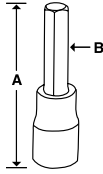
- For use w/ standard 1/4" hex SDM series screwdriver bits

Stock No.	Description
GTMBS8A	1/4" drive, 1/4" hex opening. Black industrial finish. Magnetic.

Sockets - Hex



GTMA8E

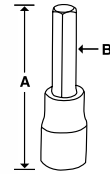


1/4" Drive Hex Bit/Standard

#	Hex	A	B (Replacement Bit)	Length with Opt. Long Bit	Optional Long Bit
1/16	—	1 7/8	TMA2E2A	6	TMAL2E2
5/64	GTMA2.5E	1 7/8	TMA2.5E2	6	TMAL2.5E2
3/32	GTMA3E	1 7/8	TMA3E2	6	TMAL3E2
7/64	—	1 7/8	TMA3.5E2	6	TMAL3.5E2
1/8	GTMA4E	1 7/8	TMA4E2	6	TMAL4E2
9/64	—	1 7/8	TMA4.5E2	6	TMAL4.5E2
5/32	GTMA5E	1 7/8	FA5E2	—	—
3/16	GTMA6E	1 15/16	FA6E2	—	—
7/32	GTMA7E	1 7/8	FA7E2	—	—
1/4	GTMA8E	1 7/8	FA8E2	—	—



PSA10E

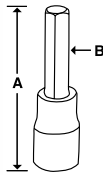


1/2" Drive Hex Bit (Power)

#	Hex	A	B (Replacement Bit)
5/16	PSA10E	2 7/16	FA10E2
3/8	PSA12E	2 9/16	SA12E2
7/16	PSA14E	2 7/8	SA14E2
1/2	PSA16E	3 1/16	SA16E2
9/16	PSA18E	3 1/8	SA18E2
5/8	PSA20E	3 7/16	LAW120E2
3/4	PSA24E	4 1/16	LAW124E2



PFA8E



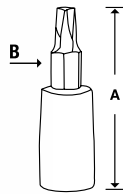
3/8" Drive Hex Bit (Power)

#	Hex	A	Fits These Cap Screws	Fits These Set Screws	B (Replacement Bit)
1/8	PFA4E	2 1/16	—	1/4"	TMA4E2
9/64	PFA4.5E	2 1/16	#8	—	TMA4.5E2
5/32	PFA5E	2 1/16	#10	5/16"	FA5E2
3/16	PFA6E	2 1/16	1/4"	3/8"	FA6E2
7/32	PFA7E	2 1/16	—	5/16"	FA7E2
1/4	PFA8E	2 1/16	7/16"	1/2"	FA8E2
5/16	PFA10E	2 1/16	3/8"	5/8"	FA10E2
3/8	PFA12E	2 1/16	1/4" & 1/2"	3/4"	FA12E2

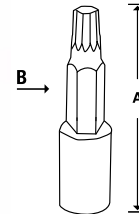
Sockets - Torx® & Mortorq®



PTXX20E



PFMTS4E



★ 1/4", 3/8", 1/2" Drive Torx® Bit/Power Drivers

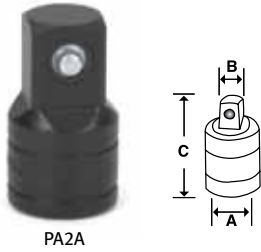
#	Stock No.	Drive Size	A	B (Replacement Bit)
T20	PTXX20E	1/4	1 9/16	PTXX20E2
T25	PTXX25E	1/4	1 9/16	PTXX25E2
T27	PFTX27E	3/8	1 3/4	PTXX27E2
T30	PFTX30E	3/8	1 3/4	PTXX30E2
T40	PFTX40E	3/8	1 3/4	PTXX40E2
T45	PSTX45E	1/2	2 7/16	PTXX45E2
T50	PSTX50E	1/2	2 7/16	PTT50E2
T50	PSTX500*	1/2	2 7/16	PTTX500E2
T55	PSTX55E	1/2	2 7/16	PTTX55E2

* GM Style

★ 3/8" Drive Mortorq®/Super Bit

#	Stock No.	A	B (Replacement Bit)
MTS-0	PFMTS0E	—	PFMTS0E2
MTS-1	PFMTS1E	1 3/4	PFMTS1E2
MTS-4	PFMTS4E	2 1/8	PFMTS4E2

Accessories



PA2A

Adaptors

Stock No.	A (Drive Size)	B	C	D
PA2A*†	3/8	1/2	3/4	1 5/16
PA4E*	1/2	3/8	15/16	1 13/16

*Power Adaptor
†Locking Button



GALX3

1/2" Drive Locking Adaptors

Stock No.	Drive Size	B	C
GALX3	1/2	1/2	3 1/8

ASME/ANSI B107.10M



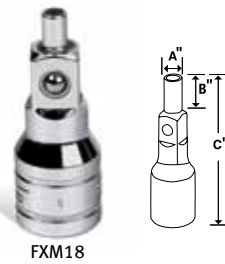
103TMLPA

Locking Power Adaptors

- Use with electric/cordless drills and screwdrivers that accept 1/4" shanks
- Manufactured from the highest quality proprietary steel, providing optimum strength and durability
- Knurled sleeve provides easy attachment and removal of sockets even with the greasiest hands
- One-handed lock mechanism with ball retention ensures socket retention and allows for faster socket attachment and removal
- Black oxide finish helps protect against corrosion for longer tool life

Set Contains:
103TMLPA

Stock No.	A	B	
TMLPA2	1/4	2	•
TMLPA4	1/4	4	•
TMLPA6	1/4	6	•



FXM18

Magnetic Adaptors

Stock No.	A	B	C
FXM112	5/16	9/32	1 25/32
FXM18	3/16	9/32	1 25/32



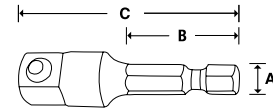
GMB3041

1/4" Drive Hex Shank (Power)

- 1/4" hex size; 1" length of hex

Stock No.	A	B
GMB3041*	Friction Ball	1
GMB3042	Friction Ball	2
GMB3046	Friction Ball	6
GM3042A	Lock Button	2
GM3043	Lock Button	4
GM3046	Lock Button	6
GM3048	Lock Button	8

*Insert Bit Style-non impact



3/8" Drive Hex Shank (Power)

- Lock Button

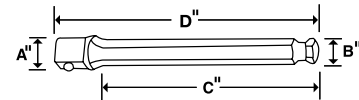
Stock No.	A	B	C
A3042	1/4	1	2
A3046	1/4	1 1/4	6
A3017A	7/16	1 1/4	1 3/4



A3042



A3011A

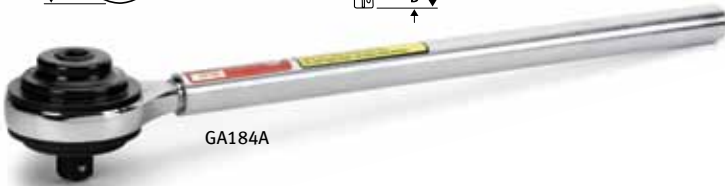
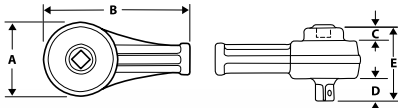


1/2" Drive Hex Shank (Power)

- Lock Button

Stock No.	A	B	C	D
A3011A	1/2	7/16	1 1/4	2 3/4

Gear Multipliers



GA184A



GA190



YA391



YA394

Geared Head Multipliers X4 Models

- Use singularly or stack up to three X4s
- Stacking multiplies, not adds, torque ratios—resulting torque can be considerable
- Only the torque ratio changes; total capacity is equal to and does not exceed the capacity of the largest wrench in the stack

Specifications	GA184A	GA185	GA190
Reaction Type	Bar	Bar	Bar
Output Capacity, ft. lb.	1,000	2,000	2,000
Input Capacity, ft. lb.	249	588	588
Gear Ratio	4.0:1	4.0:1	4.0:1
Torque Ratio	3.4:1**	3.4:1**	3.4:1**
Reductions	1	—	1
Input Drive Female Square, inches	1/2	3/4	3/4
Output Drive Male Square, inches	3/4	1	1
Dimension A, O.D., inches	3 1/2	3 3/4	3 3/4
Dimension B, Length, inches	6 5/8	6 5/8	6 5/8
Dimension C, Head Height, inches	1/2	3/4	1 1/2
Dimension D, Drive End Height, inches	3/4	1	1
Dimension E, Overall Height, inches	3 11/32	4 3/8	5
Overall Length, inches	22	25	25
Anti-Backlash	—	—	Yes

**Accuracy of Torque Ratio is ±10%.

NOTE: Handle or other anchor plate serves as a "reaction bar" and must be placed against a strong fixed object.



YA390

YA390 Reversible Air Motor.

- Provides up to 200 ft. lb. of input power for each of the YA Series Gear Multipliers
- Output drive: 1/2"
- Maximum operating air pressure: 60 PSIG
- Free speed: 70 RPM, Dimensions: 16 1/4" x 3 1/8" x 4 3/4"

Geared Head Multipliers

- Some models feature a replacement square drive to protect components by automatically shearing when rated output is exceeded by 3% to 10%
- All models include an input/output conversion chart in ft. lb. and N•m

Specifications	YA290PLUS	YA300	YA391	YA292	YA392	YA393	YA394	YA395
Reaction Type	Bar	Bar	Bar	Bar	Bar	Bar	Plate	Plate
Output Capacity, ft. lb.	750	1,000	1,200	2,000	2,200	3,200	5,000	8,000
Input Capacity, ft. lb.	227	303	200	500	162	173	189	154
Gear Ratio	1:4	4.0:1	6.3:1	4.27:1	15.0:1	20.25:1	29.25:1	60.0:1
Torque Ratio	1:3.3	3.3:1**	6.0:1*	3.7:1**	13.6:1*	18.5:1*	26.5:1*	52.0:1*
Reductions	1	1	1	1	2	3	2	2
Input Drive Female Square, inches	1/2	1/2	1/2	3/4	1/2	1/2	1/2	1/2
Output Drive Male Square, inches	3/4	3/4	3/4	1	1	1	1 1/2	1 1/2
Bearings	—	—	Needle	—	Needle	Needle	Needle	Needle
Length, inches	8 3/4	17 1/2	20	19 1/2	20	20	15	15 1/2
Width, inches	2 3/4	2 13/16	4	4 1/2	4	4	8 5/8	6
Height, inches	3 1/4	3 5/16	4 1/16	3 3/4	5 13/16	6 1/2	8 3/4	10 3/4
Storage Case	Yes	—	Yes	—	Yes	Yes	Yes	Yes
Angle Protractor	—	—	Yes	—	Yes	Yes	—	—
Anti-Backlash	—	—	—	—	Yes	Yes	Yes	Yes
Replacement Square Drive	No	—	YA391RK	—	YA392RK	YA393RK	YA394RK	YA395RK

*Accuracy of Torque Ratio is ±5%.

**Accuracy of Torque Ratio is ±10%.

NOTE: Handle or other anchor plate serves as a "reaction bar" and must be placed against a strong fixed object.

Modular, High Density Tool Storage

Build-a-Bay™

A complete selection of base cabinets for complete design flexibility. Choose from single, double and triple bank configurations. All base units come standard with bottom skids for forklift access and 4" flat black kick plates. Best of all, everything, from top to bottom, is Snap-on.



KRS1522BPBO



KRS1501BPES



KRS1032CPBO



KRS7022BPES



KRS1023BPKS



KRS756BPBO



KRS1022BPCM
(Shown with KRL1201APLM Top Chest)



KRS7023BPBO



KRS1022BPCM



KRS1521BPBO



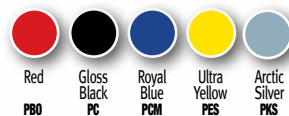
KRS1056BPCM



KRS722BPBO

Build-a-Bay™ Base Cabinets

Part Number	Description	Width	Height	Depth	Case Height
KRS722B	Double Bank	54.28"	36.82"	24.09"	32.89"
KRS756B	Single Bank	35.82"	36.82"	24.09"	32.89"
KRS1022B	Double Bank	54.28"	40.00"	29.09"	37.31"
KRS1023B	Triple Bank	72.87"	40.00"	29.09"	37.31"
KRS1032B	Double Bank	72.87"	40.00"	29.09"	37.31"
KRS1056B	Single Bank	35.68"	40.00"	29.09"	37.31"
KRS1501B	Single Bank	35.68"	54.60"	29.09"	50.67"
KRS1522B	Double Bank	54.28"	54.60"	29.09"	50.67"
KRS1521B	Single Bank	54.28"	54.60"	29.09"	50.67"
KRS7022B	Double Bank	54.28"	36.82"	29.09"	32.89"
KRS7023B	Triple Bank	72.87"	36.82"	29.09"	32.89"



Red
PBO

Gloss
Black
PC

Royal
Blue
PCM

Ultra
Yellow
PES

Arctic
Silver
PKS

Modular, High Density Tool Storage

Docker Locker™ Systems

Have a special need? Snap-on has the answer. For example, our innovative Docker Locker™ allows technicians to bring their tools to the job and secure them overnight. Our under-bench cart port provides safe, easy overnight tool storage for your technicians.



KRS4816APKS



KRS2415ABPO



KRS2413APCM



KRL1018PKS
(All Docker Lockers include tool cart KR7088A)



KRS7215BPCM



KRS2417APBO
(Shown with KRS2415ABPO, can also be used with 700 and 7000 series tool storage units)

Docker Locker™ Systems

Part Number	Description	Width	Height	Depth	Case Height
KRL1018*	Docker Locker for KRS 1000 Series	24.00"	63.375"	29.09"	62.375"
KRS1214BCR	In Ground Rotary Lift Controls	12.00"	36.82"	24.00"	32.89"
KRS1214CC	In Ground Challenger Lift Controls	12.00"	36.82"	24.00"	32.89"
KRS1518*	Docker Locker for KRS1500 Series	24.00"	54.60"	29.09"	50.67"
KRS1815A	18" Bulk Storage	18.00"	36.82"	24.00"	32.89"
KRS2413A	24" Computer Cabinet (Reversible Door)	24.00"	36.82"	24.00"	32.89"
KRS2415A	24" Bulk Storage	24.00"	36.82"	24.00"	32.89"
KRS2416A	24" Wall Mounted Overhead	24.00"	19.70"	18.00"	n/a
KRS2417A	Under Bench Cart Port	24.00"	36.82"	29.09"	32.89"
KRS3616A	36" Wall Mounted Overhead	36.00"	19.70"	18.00"	n/a
KRS4815A	48" Bulk Storage w/ 2 Doors	48.00"	36.82"	24.00"	32.89"
KRS4816A	48" Wall Mounted Overhead	48.00"	19.70"	18.00"	n/a
KRL7018*	Docker Locker for KRS 700 & 7000 Series	24.00"	57.90"	29.09"	57.89"
KRS7215B	72" Bulk Storage w/ 4 Doors	73.50"	36.82"	24.00"	32.89"

*All Docker Lockers include tool cart KR7088A



KRS1214CCPBO

Tool Storage & Work Center Systems

Equipto® Workcenters

Optimize work areas by combining work and storage space into a modular drawer cabinet workcenter. With capacity up to 400 lbs per drawer, and single or double cabinet configurations, these workcenters are designed to last a lifetime.



EQ2576



EQ2596



EQ275



EQ255

All Workcenters are available in 3 colors



Red Gray Blue

Snap-on Industrial offers the complete assortment of Equipto workcenters. Call your sales representative or customer service for more information

EQUIPTO®

Preconfigured Modular Drawer Cabinet Workcenters

- 30" wide drawer cabinets
- "Quiet Ride™" drawers with 400 lb. capacity per drawer
- Choice of vivid colors to enhance work environment
- Knockouts in legs provide for safe, convenient electrical hookup
- Lower recessed shelf for convenience
- All benches are 30" deep
- Equipto offers over 140 sizes and styles of modular workcenters

Bench Height	Top	Bench Length	Color	Number of Drawers	Stock Number
34"	Hardwood	5'	Red	6	EQ2576-5WR
34"	Hardwood	5'	Gray	6	EQ2576-5WG
34"	Hardwood	5'	Blue	6	EQ2576-5WB
34"	Hardwood	6'	Red	6	EQ2576-6WR
34"	Hardwood	6'	Gray	6	EQ2576-6WG
34"	Hardwood	6'	Blue	6	EQ2576-6WB
34"	Hardwood	8'	Red	6	EQ2576-8WR
34"	Hardwood	8'	Gray	6	EQ2576-8WG
34"	Hardwood	8'	Blue	6	EQ2576-8WB
34"	Hardwood	8'	Red	12	EQ2596-8WR
34"	Hardwood	8'	Gray	12	EQ2596-8WG
34"	Hardwood	8'	Blue	12	EQ2596-8WB

Preconfigured Closed Leg Workcenters

- Sliding doors and 1 shelf included
- Steel top with backsplash
- All benches are 30" deep

Bench Height	Bench Length	Color	Stock Number
34"	4'	Red	EQ275U4R
34"	4'	Gray	EQ275U4G
34"	4'	Blue	EQ275U4B
34"	5'	Red	EQ275U5R
34"	5'	Gray	EQ275U5G
34"	5'	Blue	EQ275U5B
34"	6'	Red	EQ275U6R
34"	6'	Gray	EQ275U6G
34"	6'	Blue	EQ275U6B
34"	8'	Red	EQ275U8R
34"	8'	Gray	EQ275U8G
34"	8'	Blue	EQ275U8B

Equipto Closed Leg Benches combine high-efficiency bench features with the important benefits of cabinet space. Choose from more than 200 sizes and styles and a range of features to match your exact needs. Rugged structural unit designed for tough use with the flexibility for adding accessories.

Preconfigured Pedestal Workcenters

- Lower recessed shelf
- Door cabinets have middle shelf
- All benches are 30" deep
- All Cabinets are 34"H x 15"W

Bench Height	Bench Length	Color	Stock Number
34"	4'	Red	EQ255U4R
34"	4'	Gray	EQ255U4G
34"	4'	Blue	EQ255U4B
34"	5'	Red	EQ255U5R
34"	5'	Gray	EQ255U5G
34"	5'	Blue	EQ255U5B
34"	6'	Red	EQ255U6R
34"	6'	Gray	EQ255U6G
34"	6'	Blue	EQ255U6B
34"	8'	Red	EQ255U8R
34"	8'	Gray	EQ255U8G
34"	8'	Blue	EQ255U8B

Equipto Pedestal Benches offer the perfect bench/cabinet combination and feature strong, rugged work surfaces, lower shelf space and lockable cabinets and drawers. Customize with accessories and over 180 combinations of height, length, depth, and top surfaces.

Work Center Systems

Preconfigured Adjustable-Height Iron-I Workbenches

- Include lower shelf, aerial shelf, drawer, and rails
- Lower shelf adjusts to three heights and tilts front or back to fit your application
- Back and side rails keep parts on top of workcenter
- Adjustable from 26" to 36" or from 34" to 44" in 1/2" increments to meet your exact height requirements
- Aerial shelf adds space for increased productivity
- Depending on type of top, workbench will support up to 1,800 lbs.

EQUIPTO

Depth	Height	Length	Steel Top with Backstop	Hardwood Top	Bonded Wood Top	Hardboard Top with Backstop	ESD Anti-Static Top
30"	26" to 36"	4'	EQ427U4	EQ427-4W	EQ427-4B	EQ427U4M	EQ427-4C
		5'	EQ427U5	EQ427-5W	EQ427-5B	EQ427U5M	EQ427-5C
		6'	EQ427U6	EQ427-6W	EQ427-6B	EQ427U6M	EQ427-6C
		8'	EQ427U8	EQ427-8W	EQ427-8B	EQ427U8M	EQ427-8C
	34" to 44"	4'	EQ428U4	EQ428-4W	EQ428-4B	EQ428U4M	EQ428-4C
		5'	EQ428U5	EQ428-5W	EQ428-5B	EQ428U5M	EQ428-5C
		6'	EQ428U6	EQ428-6W	EQ428-6B	EQ428U6M	EQ428-6C
		8'	EQ428U8	EQ428-8W	EQ428-8B	EQ428U8M	EQ428-8C
36"	26" to 36"	4'	EQ437U4	EQ437-4W	EQ437-4B	EQ437U4M	EQ437-4C
		5'	EQ437U5	EQ437-5W	EQ437-5B	EQ437U5M	EQ437-5C
		6'	EQ437U6	EQ437-6W	EQ437-6B	EQ437U6M	EQ437-6C
		8'	EQ437U8	EQ437-8W	EQ437-8B	EQ437U8M	EQ437-8C
	34" to 44"	4'	EQ438U4	EQ438-4W	EQ438-4B	EQ438U4M	EQ438-4C
		5'	EQ438U5	EQ438-5W	EQ438-5B	EQ438U5M	EQ438-5C
		6'	EQ438U6	EQ438-6W	EQ438-6B	EQ438U6M	EQ438-6C
		8'	EQ438U8	EQ438-8W	EQ438-8B	EQ438U8M	EQ438-8C

8' bench legs are on 6' centers. The top overhangs legs 1' on each side.



2345U6

Wall Mount Open Leg Benches

- Easy to anchor to wall
- Clean-up of work area is easy
- Efficient use of wall space

Depth	Length	Steel Top with Backstop	Hardwood Top	Bonded Wood Top	Hardboard Top with Backstop	ESD Anti-Static Top
30"	30"	EQ2340U3	EQ2340-3W	EQ2340-3B	EQ2340U3M	—
	4'	EQ2340U4	EQ2340-4W	EQ2340-4B	EQ2340U4M	EQ2340-4C
	5'	EQ2340U5	EQ2340-5W	EQ2340-5B	EQ2340U5M	EQ2340-5C
	6'	EQ2340U6	EQ2340-6W	EQ2340-6B	EQ2340U6M	EQ2340-6C
	8'	EQ2340U8	EQ2340-8W	EQ2340-8B	EQ2340U8M	EQ2340-8C
36"	30"	EQ2345U3	EQ2345-3W	EQ2345-3B	EQ2345U3M	—
	4'	EQ2345U4	EQ2345-4W	EQ2345-4B	EQ2345U4M	EQ2345-4C
	5'	EQ2345U5	EQ2345-5W	EQ2345-5B	EQ2345U5M	EQ2345-5C
	6'	EQ2345U6	EQ2345-6W	EQ2345-6B	EQ2345U6M	EQ2345-6C
	8'	EQ2345U8	EQ2345-8W	EQ2345-8B	EQ2345U8M	EQ2345-8C



2303DT
(shown with optional fluid container, drawer kit and shelf)

Teardown Benches

- Ideal for working on transmissions, small engines and hydraulic components
- Reinforced work surface will stand up to years of heavy use
- Top has a 3/4" high retaining lip on all sides tapering to the rear center to a 1/2" threaded and plumbed drain
- Optional caster kit consists of 4 swivel 71/2"H casters
- 1/2" threaded drain nipple allows for connection of hose for fluid capture

Stock No.	Description	Depth	Length	Leg Height
EQ2301DT	Steel Top	30"	48"	29"
EQ2303DT	Steel Top	30"	48"	34"
EQ2311DT	Steel Top	30"	60"	29"
EQ2313DT	Steel Top	30"	60"	34"
EQ2301DTSS	Stainless Steel Top	30"	48"	29"
EQ2303DTSS	Stainless Steel Top	30"	48"	34"
EQ2311DTSS	Stainless Steel Top	30"	60"	29"
EQ2313DTSS	Stainless Steel Top	30"	60"	34"



2307DT
Fluid Container Kit



221DT
Drawer Kit



2203
Caster Kit

Work Center Systems

EQUIPTO®



Production Boosters

- Can be used on any work bench
- Hands off use for manuals and instruments
- Shelves adjust to any angle, tip toward front or back
- Safely holds expensive test equipment
- Can triple work surface
- Intermediate shelves are 13-1/2" D x 44", 56" or 68" L
- Full length top shelves are 13-1/2" D x 48", 60" or 72" L

A. 14" High Unit	For 4' Bench	For 5' Bench	For 6' Bench
With 1 Shelf	EQ454T48	EQ454T60	EQ454T72
B. 24" High Unit	For 4' Bench	For 5' Bench	For 6' Bench
With 1 Shelf	EQ451T48	EQ451T60	EQ451T72
With 2 Shelves	EQ452T48	EQ452T60	EQ452T72
With 3 Shelves	EQ453T48	EQ453T60	EQ453T72
D. 36" High Unit	For 4' Bench	For 5' Bench	For 6' Bench
With 1 Shelf	EQ461T48	EQ461T60	EQ461T72
With 2 Shelves	EQ462T48	EQ462T60	EQ462T72
With 3 Shelves	EQ463T48	EQ463T60	EQ463T72
Extra Top Shelves	EQ450T48	EQ450T60	EQ450T72
C. Cabinets (note: not available for 4' workbenches)			
13" D x 30" W x 27" H 2 required for 5' bench		EQ1734DI	
13" D x 36" W x 27" H 2 required for 6' bench		EQ1735DI	

Aerial Shelves

- Provide added space
 - Gain a shelf without losing table top space
- Note: will not fit 36" D steel tops

Stock Number	Width
EQ226-30	30"
EQ226-48	48"
EQ226-60	60"
EQ226-72	72"

Don't see what you need? Just call your Snap-on Industrial account manager so we can quote any of your special needs.

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