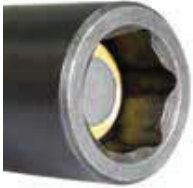


# SOCKET TYPES



## IMPACT SOCKETS



Industrial grade impact sockets are available in a wide range of lengths and wall thicknesses, and with single or double hex openings. Square openings are available in select sizes.

## FIXED MAGNETIC IMPACT SOCKETS



Magnetic sockets hold the fastener in driving position, even when working straight down. Time-wasting motions are eliminated when starting fasteners or working in hard-to-reach areas.

## MAGNETIC BOLT CLEARANCE IMPACT SOCKETS



As the nut is run down, a spring-loaded or hollow cylinder magnet allows the bolt or stud to retract into the socket body. Nuts are held firmly in the socket.

## SURFACE DRIVE SOCKETS



Large openings on the six corners of the hex end opening create a “floating” action that allows the socket to slip quickly and easily onto the nut or bolt. Ideal for compensating for imperfect alignment between the tool and fastener. Not generally recommended for impact use.

## FAST LEAD IMPACT SOCKETS



Designed for power tool and multiple spindle power tools, a specially tapered opening provides complete engagement with the nut almost instantly upon engagement. This speeds productivity and extends tool life. Engagement is possible without starting and stopping the tool for each nut.

## EXTENSIONS & ADAPTERS

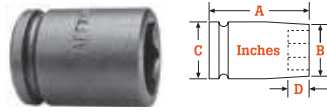
A wide range of accessories are available to adapt sockets to nearly every tool and application.

## SQUARE DRIVE UNIVERSAL WRENCHES

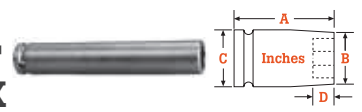
Designed to provide access in hard-to-reach fastening applications.

# 1/4" SQUARE DRIVE SOCKETS, SAE

## STANDARD LENGTH, 6 POINT AND DOUBLE HEX



## EXTRA LONG LENGTH, 6 POINT AND DOUBLE HEX

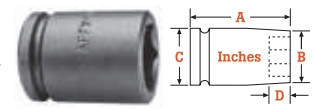


Part No. 6 Point	Part No. Double Hex	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
1105	-	5/32	7/8	1/4	1/2	3/32
1106	1106-D	3/16	7/8	5/16	1/2	3/32
1107	1107-D	7/32	7/8	3/8	1/2	5/32
1108	1108-D	1/4	7/8	3/8	1/2	5/32
X-1108*	-	1/4	7/8	3/8	1/2	5/32
HA-510	-	5/16	7/8	7/16	7/16	3/16
1109	1109-D	9/32	1	7/16	1/2	3/16
1110	1110-D	5/16	1	1/2	1/2	3/16
X-1110*	-	5/16	1	1/2	1/2	3/16
1111	1111-D	11/32	1	9/16	9/16	3/16
1112	1112-D	3/8	1	9/16	9/16	1/4
1113	-	13/32	1	5/8	5/8	1/4
1114	1114-D	7/16	1	5/8	5/8	9/32
1116	1116-D	1/2	1	11/16	11/16	11/32
1118	-	9/16	1	13/16	13/16	7/16
1120	-	5/8	1	7/8	7/8	7/16

\* Parts have a harder heat treat

Part No. 6 Point	Part No. Double Hex	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
1308	1308-D	1/4	3	3/8	1/2	5/32
1310	-	5/16	3	1/2	1/2	3/16
1311	1311-D	11/32	3	1/2	1/2	3/16
1312	-	3/8	3	9/16	9/16	1/4
1313	-	13/32	3	9/16	9/16	1/4
1314	-	7/16	3	5/8	5/8	9/32
1316	-	1/2	3	11/16	11/16	11/32
1318	-	9/16	3	13/16	13/16	7/16
1320	-	5/8	3	7/8	7/8	7/16

## MAGNETIC, STANDARD LENGTH, 6 POINT



## LONG LENGTH, 6 POINT AND DOUBLE HEX



Part No. 6 Point	Part No. Double Hex	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
1206	1206-D	3/16	1 3/4	5/16	1/2	3/32
1207	-	7/32	1 3/4	3/8	1/2	5/32
1208	1208-D	1/4	1 3/4	3/8	1/2	5/32
1209	1209-D	9/32	1 3/4	7/16	1/2	3/16
1210	1210-D	5/16	1 3/4	1/2	1/2	3/16
1211	-	11/32	1 3/4	9/16	9/16	3/16
1212	1212-D	3/8	1 3/4	9/16	9/16	1/4
1213	-	13/32	1 3/4	5/8	5/8	1/4
1214	-	7/16	1 3/4	5/8	5/8	9/32
1216	1216-D	1/2	1 3/4	11/16	11/16	11/32
1218	-	9/16	1 3/4	13/16	13/16	7/16

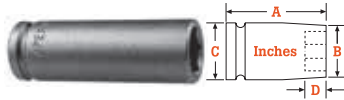
Part No. 6 Point	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
M-1105	5/32	7/8	5/16	1/2	3/32
M-1106	3/16	7/8	5/16	1/2	3/32
M-1107	7/32	7/8	3/8	1/2	5/32
MX-1108*	1/4	7/8	3/8	1/2	5/32
M-1108-E*	1/4	7/8	3/8	1/2	5/32
MX-1108-E*	1/4	7/8	3/8	1/2	5/64
MHA-4108*	1/4	7/8	3/8	3/8	5/64
MHA-510**	5/16	7/8	7/16	7/16	1/8
MX-1109*	9/32	1	7/16	1/2	3/16
MHA-1310	5/16	1	7/16	1/2	1/8
M-1110	5/16	1	1/2	1/2	3/16
MX-1110*	5/16	1	1/2	1/2	3/16
MX-1111	11/32	1	1/2	1/2	3/16
M-1112*	3/8	1	9/16	9/16	1/4
MX-1112	3/8	1	9/16	9/16	1/4
M-1114	7/16	1	5/8	5/8	9/32
M-1116	1/2	1	11/16	11/16	11/32
M-1118	9/16	1	11/16	11/16	11/32

\* Parts have a harder heat treat; MX-1108-E has no lead-in chamfer.

\*\* No DIN groove

# 1/4" SQUARE DRIVE SOCKETS, SAE

## MAGNETIC, LONG & EXTRA LONG LENGTH, 6 POINT



## SURFACE DRIVE & FAST LEAD, STANDARD & LONG LENGTH



Part No. 6 Point	Part No. Bolt Clearance	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
-	MB-1206	3/16	1 3/4	5/16	1/2	5/32
M-1208	MB-1208	1/4	1 3/4	3/8	1/2	5/32
-	MB-1308	1/4	3	3/8	1/2	5/32
M-1209	MB-1209	9/32	1 3/4	7/16	1/2	3/16
M-1210	MB-1210	5/16	1 3/4	1/2	1/2	3/16
-	MB-1211	11/32	1 3/4	9/16	9/16	3/16
-	MB-1311	11/32	3	1/2	1/2	3/16
M-1212	MB-1212	3/8	1 3/4	9/16	9/16	1/4
-	MB-1312	3/8	3	9/16	9/16	1/4
M-1214	MB-1214	7/16	1 3/4	5/8	5/8	9/32
-	MB-1314	7/16	3	5/8	5/8	9/32
-	MB-1216	1/2	1 3/4	11/16	11/16	11/32
-	MB-1218	9/16	1 3/4	13/16	13/16	7/16

Part No. Surface Drive	Part No. Fast Lead	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
-	FL-1108	1/4	7/8	3/8	1/2	5/32
-	FL-1212	3/8	1 3/4	9/16	9/16	1/4
-	FL-1109	9/32	7/8	3/8	1/2	5/32
-	FL-1110	5/16	1	1/2	1/2	3/16
SF-1112	FL-1112	3/8	1	9/16	9/16	1/4
-	FL-1114	7/16	1	5/8	5/8	9/32
-	FL-1214	7/16	1 3/4	5/8	5/8	9/32
SF-1116	FL-1116	1/2	1	11/16	11/16	11/32
-	FL-1216	1/2	1 3/4	11/16	11/16	11/32

# 1/4" SQ. DR. SOCKETS FOR SAE SHEET METAL SCREWS

## 6 POINT & 6 POINT MAGNETIC, FOR PREDRILLED HOLES\*



## 6 POINT & 6 POINT MAGNETIC, FOR SELF-DRILLING & TAPPING SCREWS\*



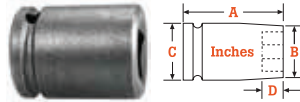
Part No. 6 Point	Part No. Magnetic	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
-	M1E06	3/16	7/8	5/16	1/2	3/32
-	M1E07	7/32	7/8	3/8	1/2	5/32
1E08	M1E08	1/4	7/8	3/8	1/2	5/32
1E10	M1E10	5/16	7/8	1/2	1/2	3/16
-	M1E11	11/32	1	1/2	1/2	3/16
-	M1E12	3/8	1	5/8	5/8	1/4
-	M1E14	7/16	1	11/16	11/16	9/32
-	M1E16	1/2	1	11/16	11/16	11/32

Part No. 6 Point	Part No. Magnetic	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
1P06	M1P06	3/16	7/8	5/16	1/2	3/32
1P07	M1P07	7/32	7/8	3/8	1/2	5/32
1P08	M1P08	1/4	7/8	7/16	1/2	5/32
-	M1P09	9/32	7/8	1/2	1/2	3/16
1P10	M1P10	5/16	7/8	1/2	1/2	3/16
1P11	M1P11	11/32	1	1/2	1/2	3/16
1P12	M1P12	3/8	1	5/8	5/8	1/4
1P14	M1P14	7/16	1	11/16	11/16	9/32
1P16	M1P16	1/2	1	11/16	11/16	11/32
-	M1A08	1/4	7/8	7/16	1/2	5/64

\*Sockets for predrilled holes are intermediate hardness.

# 1/4" SQUARE DRIVE SOCKETS FOR SAE SQUARE NUTS

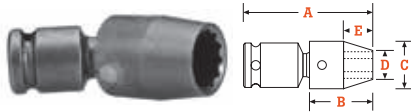
## SINGLE SQUARE & DOUBLE SQUARE



Part No. Single Square	Part No. Double Square	Square Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
1608	1608-D	1/4	1	1/2	1/2	3/16
1612	1612-D	3/8	1	3/4	3/4	1/4

# 1/4" SQUARE DRIVE UNIVERSAL WRENCHES, SAE

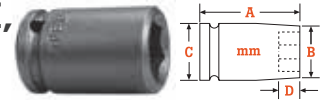
## 6 POINT AND DOUBLE HEX



Part No. Point	Part No. Double Hex	Hex Opening IN.	Overall Length (A) IN.	Socket Length (B) IN.	Socket Dia. (C) IN.	Nose End Dia. (D) IN.	Clearance Depth (E) IN.
SA-25	SA-25-D	1/4	1 7/32	3/4	5/8	3/8	3/8
SA-26	SA-26-D	5/16	1 17/32	3/4	5/8	7/16	3/8
SA-28	SA-28-D	3/8	1 19/32	13/16	5/8	17/32	7/16
SA-29	SA-29-D	7/16	1 21/32	7/8	5/8	5/8	1/2
SA-30	SA-30-D	1/2	1 21/32	7/8	11/16	11/16	1/2
SA-65	-	9/16	1 21/32	7/8	11/16	11/16	1/2

# 1/4" SQUARE DRIVE SOCKETS, METRIC

## STANDARD LENGTH, 6 POINT AND DOUBLE HEX



Part No. Point	Part No. Double Hex	Hex Opening MM.	Overall Length (A) MM.	Nose End Dia. (B) MM.	Drive End Dia. (C) MM.	Opening Depth (D) MM.
3.5MM11	-	3.5	22.2	6.4	12.7	2.4
4MM11	-	4	22.2	6.4	12.7	2.4
4.5MM11	-	4.5	22.2	7.9	12.7	2.4
5MM11	-	5	22.2	8.7	12.7	3.9
5.5MM11	-	5.5	22.2	9.5	12.7	3.9
6MM11	6MM11-D	6	22.2	9.5	12.7	3.9
7MM11	7MM11-D	7	22.2	11.1	12.7	4.8
8MM11	8MM11-D	8	25.4	12.7	12.7	4.8
9MM11	9MM11-D	9	25.4	14.3	14.3	4.8
10MM11	10MM11-D	10	25.4	15.9	15.9	6.4
OS-10MM11	-	10	25.4	14.3	14.3	6.4
11MM11	11MM11-D	11	25.4	15.9	15.9	7.2
12MM11	12MM11-D	12	25.4	17.5	17.5	7.2
13MM11	13MM11-D	13	25.4	19.1	19.1	8.7
14MM11	14MM11-D	14	25.4	20.6	20.6	11.1
15MM11	-	15	25.4	22.2	22.2	11.1
16MM11	-	16	25.4	22.2	22.2	11.1

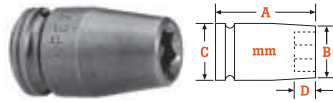
## LONG LENGTH, 6 POINT AND DOUBLE HEX



Part No. Point	Part No. Double Hex	Hex Opening MM.	Overall Length (A) MM.	Nose End Dia. (B) MM.	Drive End Dia. (C) MM.	Opening Depth (D) MM.
5MM21	-	5	44.4	8.7	12.7	3.9
5.5MM21	-	5.5	44.4	9.5	12.7	3.9
6MM21	-	6	44.4	9.5	12.7	3.9
7MM21	-	7	44.4	11.1	12.7	4.8
8MM21	8MM21-D	8	44.4	12.7	12.7	4.8
9MM21	9MM21-D	9	44.4	14.3	14.3	4.8
10MM21	10MM21-D	10	44.4	15.9	15.9	6.4
11MM21	-	11	44.4	15.9	15.9	7.2
12MM21	-	12	44.4	17.5	17.5	7.2
13MM21	13MM21-D	13	44.4	19.1	19.1	8.7
14MM21	-	14	44.4	20.6	20.6	11.1
15MM21	15mm21-D	15	50.8	22.2	22.2	11.1
16MM21	-	16	50.8	22.2	22.2	11.1

# 1/4" SQUARE DRIVE SOCKETS, METRIC

## MAGNETIC, STANDARD LENGTH, 6 POINT



Part No. Fixed Magnet	Hex Opening MM.	Overall Length (A) MM.	Nose End Dia. (B) MM.	Drive End Dia. (C) MM.	Opening Depth (D) MM.
M-5MM11	5	22.2	8.7	12.7	3.9
M-5.5MM11	5.5	22.2	9.5	12.7	3.9
M-6MM11	6	22.2	9.5	12.7	3.9
M-7MM11	7	22.2	11.9	12.7	4.8
MVA-20-7MM	7	22.2	10.5	10.5	4.8
M-8MM11	8	25.4	12.7	12.7	4.8
M-9MM11	9	25.4	14.3	14.3	4.8
M-10MM11	10	25.4	15.9	15.9	6.4
M-11MM11	11	25.4	15.9	15.9	7.2
M-12MM11	12	25.4	17.5	17.5	7.2
M-13MM11	13	25.4	19.1	19.1	8.7
M-14MM11	14	25.4	20.6	20.6	11.1
M-15MM11	15	25.4	22.2	22.2	11.1

## MAGNETIC, LONG LENGTH, 6 POINT



Part No. Fixed Magnet	Part No. Magnetic Bolt Clearance	Hex Opening MM.	Overall Length (A) MM.	Nose End Dia. (B) MM.	Drive End Dia. (C) MM.	Opening Depth (D) MM.
-	MB-5MM21	5	44.4	8.7	12.7	3.9
-	MB-5.5MM21	5.5	44.4	9.5	12.7	3.9
M-6MM21	MB-6MM21	6	44.4	9.5	12.7	3.9
M-7MM21	MB-7MM21	7	44.4	11.9	12.7	4.8
M-8MM21	MB-8MM21	8	44.4	12.7	12.7	4.8
M-9MM21	MB-9MM21	9	44.4	14.3	14.3	4.8
M-10MM21	MB-10MM21	10	44.4	15.9	15.9	6.4
-	OSMB-10MM21	10	44.4	14.2	14.2	6.4
M-11MM21	MB-11MM21	11	44.4	15.9	15.9	7.2
M-12MM21	MB-12MM21	12	44.4	17.5	17.5	7.2
M-13MM21	MB-13MM21	13	44.4	19.1	19.1	8.7
-	MB-14MM21	14	44.4	20.6	20.6	11.1
-	MB-15MM21	15	50.8	22.2	22.2	11.1
-	MB-16MM21	16	50.8	22.2	22.2	11.1

## SURFACE DRIVE, STANDARD AND LONG LENGTH



Part No. Surface Drive	Hex Opening MM.	Overall Length (A) MM.	Nose End Dia. (B) MM.	Drive End Dia. (C) MM.	Opening Depth (D) MM.
SF-8MM11	8	25.4	12.7	12.7	4.7
SF-10MM11	10	25.4	15.9	15.9	6.4
SF-10MM21	10	44.4	15.9	15.9	6.4
SF-12MM21	11	44.4	17.5	15.9	7.2
SF-13MM11	13	25.4	19.1	19.1	8.7
SF-13MM21	13	44.4	19.1	19.1	8.7
SF-15MM11	15	25.4	22.2	22.2	11.1

# 1/4" SQ. DR. SOCKETS FOR METRIC SHEET METAL SCREWS

## 6 POINT AND 6 POINT MAGNETIC

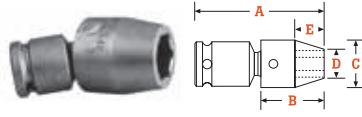


Part No. 6 Point	Part No. Fixed Magnet	Hex Opening MM.	Overall Length (A) MM.	Nose End Dia. (B) MM.	Drive End Dia. (C) MM.	Opening Depth (D) MM.
3.5MME1	-	3.5	22.2	6.4	12.7	2.4
4MME1	M-4MME1	4	22.2	6.4	12.7	2.4
-	M-5MME1	5	22.2	8.7	12.7	3.9
5.5MME1	M-5.5MME1	5.5	22.2	9.5	12.7	3.9
6MME1	M-6MME1	6	22.2	9.5	12.7	3.9
7MME1	M-7MME1	7	22.2	11.1	12.7	4.8
-	MR-7MME1*	7	22.2	11.1	12.7	4.8
8MME1	M-8MME1	8	25.4	12.7	12.7	4.8
9MME1	M-9MME1	9	25.4	14.3	14.3	4.8
10MME1	M-10MME1	10	25.4	15.9	15.9	6.4
11MME1	M-11MME1	11	25.4	17.5	17.5	7.2
12MME1	M-12MME1	12	25.4	17.5	17.5	7.2
13MME1	M-13MME1	13	25.4	19.1	19.1	8.7

\* MR-7MME1 has stronger magnet

# 1/4" SQUARE DRIVE UNIV. WRENCHES, METRIC

## 6 POINT

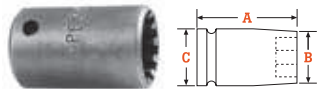


Part No. 6 Point	Hex Opening MM.	Overall Length (A) MM.	Socket Length (B) MM.	Socket Dia. (C) MM.	Nose End Dia. (D) MM.	Clearance Depth (E) MM.
SA-15-6M	6	31	19.1	15.9	9.5	9.5
SA-15-7M	7	31	19.1	15.9	10.3	9.5
SA-16-8M	8	38	19.1	19.1	11.1	7.9
SA-16-10M	10	40	20.6	19.1	15.1	9.5

Maximum operating angle when using Universal Wrench is 30 degrees.

# 1/4" SQUARE DR. SOCKETS FOR SPLINE FASTENERS

## STANDARD AND LONG LENGTH



Part Number	Spline Size	Nominal Size IN.	Overall Length (A) IN. MM.	Nose End Dia. (B) IN. MM.	Drive End Dia. (C) IN. MM.
CMS-1507	7	7/32	2 51	21/64 8	7/16 11
CMS-1408	8	1/4	7/8 22	3/8 10	7/16 11
CMS-1508	8	1/4	2 51	3/8 10	7/16 11
CMS-1409	9	9/32	7/8 22	7/16 11	7/16 11
CMS-1509	9	9/32	2 51	7/16 11	7/16 11
CMS-1410	10	5/16	7/8 22	29/64 12	29/64 12
CMS-1510	10	5/16	2 51	29/64 12	29/64 12
CMS-1412	12	3/8	7/8 22	17/32 14	17/32 14
CMS-1414	14	7/16	1 25	39/64 16	39/64 16

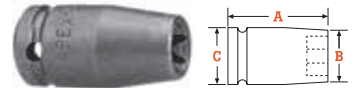
### APEX SPLINE SOCKETS:

APEX Spline Sockets conform to military specifications MS-37787 and MIL-W-8982C.



# 1/4" SQUARE DRIVE TORX® SOCKETS

## FOR EXTERNAL TORX SCREWS



Part Number	Part No. Fixed Magent	Driver Size	Overall Length (A) IN. MM.	Nose End Dia. (B) IN. MM.	Drive End Dia. (C) IN. MM.
TX-1104	-	E4	1 25.4	1/4 6.4	1/2 12.7
TX-1105	-	E5	1 25.4	1/4 6.4	1/2 12.7
TX-1106	-	E6	1 25.4	5/16 7.9	1/2 12.7
TX-1108	-	E8	1 25.4	3/8 9.5	1/2 12.7
TX-1110	MTX-1110	E10	1 25.4	9/16 14.3	9/16 14.3
TX-1112	-	E12	1 25.4	5/8 15.9	5/8 15.9

## FOR EXTERNAL TORX SCREWS, THIN WALL



Part Number	Part No. Fixed Magnetic	Driver Size	Overall Length (A) IN. MM.	Nose End Dia. (B) IN. MM.	Drive End Dia. (C) IN. MM.
TX-1404	-	E4	1 25.4	1/4 6.4	1/2 12.7
TX-1405	-	E5	1 25.4	1/4 6.4	1/2 12.7
-	MTX-1405	E5	7/8 22.2	1/4 6.4	7/16 11.1
TX-1406	-	E6	1 25.4	5/16 7.9	1/2 12.7
TX-1407	-	E7	1 25.4	5/16 7.9	1/2 12.7
TX-1408	-	E8	1 25.4	3/8 9.5	1/2 12.7
TX-1410	-	E10	1 25.4	1/2 12.7	1/2 12.7
TX-1411	-	E11	1 25.4	1/2 12.7	1/2 12.7
TX-1412	-	E12	1 25.4	9/16 14.3	9/16 14.3

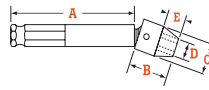
## FOR TORX NUTS



Part Number	Driver Size	Overall Length (A) IN. MM.	Nose End Dia. (B) IN. MM.	Drive End Dia. (C) IN. MM.
TX-1E05	E5	7/8 22.2	3/8 9.5	1/2 12.7
TX-1E06	E6	7/8 22.2	7/16 11.1	1/2 12.7
TX-1E08	E8	7/8 22.2	1/2 12.7	1/2 12.7

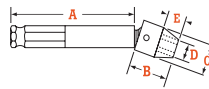
# 1/4" MALE HEX UNIVERSAL WRENCHES

## SAE 6 POINT, STANDARD & TENSION TYPE – EXTENSION



Part Number	Part No. Tension	Hex Opening IN.	Shank Length (A) IN.	Socket Length (B) IN.	Socket Dia. (C) IN.	Nose End Dia. (D) IN.	Clearance Depth (E) IN.
KC-25-3	-	1/4	3	3/4	5/8	3/8	3/8
KC-25-4	-	1/4	4	3/4	5/8	3/8	3/8
KC-25-6	KS-25-6	1/4	6	3/4	5/8	3/8	3/8
KC-25-9	-	1/4	9	3/4	5/8	3/8	3/8
KC-25-12	-	1/4	12	3/4	5/8	3/8	3/8
KC-26-3	-	5/16	3	3/4	5/8	7/16	3/8
KC-26-6	KS-26-6	5/16	6	3/4	5/8	7/16	3/8
KC-26-9	-	5/16	9	3/4	5/8	7/16	3/8
KC-26-12	KS-26-12	5/16	12	3/4	5/8	7/16	3/8
-	KS-100-6	5/16	6	3/4	3/4	7/16	5/16
KC-27-3	-	11/32	3	3/4	5/8	1/2	3/8
KC-27-6	-	11/32	6	3/4	5/8	1/2	3/8
KC-28-3	-	3/8	3	13/16	5/8	9/16	7/16
KC-28-6	KS-28-6	3/8	6	13/16	5/8	9/16	7/16
KC-29-3	-	7/16	3	7/8	5/8	5/8	1/2
-	KS-28-12	3/8	12	13/16	5/8	9/16	7/16
-	KS-102-6	3/8	6	13/16	3/4	9/16	3/8
KC-29-6	KS-29-6	7/16	6	7/8	5/8	3/8	1/2
KC-30-3	-	1/2	3	7/8	11/16	11/16	1/2
KC-30-4	-	1/2	4	7/8	11/16	11/16	1/2
KC-30-6	KS-30-6	1/2	6	7/8	11/16	11/16	1/2
KC-30-9	-	1/2	9	7/8	11/16	11/16	1/2
KC-101-6	-	11/32	6	3/4	3/4	15/32	5/16
-	KS-104-6	1/2	6	1	3/4	3/4	9/16
KC-105-6	KS-105-6	9/16	6	1	13/16	13/16	9/16
-	KS-105-9	9/16	9	1	13/16	13/16	9/16

## METRIC 6 POINT, STANDARD & TENSION TYPE – EXTENSION



Part Number	Part No. Tension	Hex Opening MM.	Shank Length (A) MM.	Socket Length (B) MM.	Socket Dia. (C) MM.	Nose End Dia. (D) MM.	Clearance Depth (E) MM.
KC-5-7M-4	-	7	102	19.1	15.9	10.3	9.5
KC-5-7M-6	KS-5-7M-6	7	152	19.1	15.9	10.3	9.5
-	KS-5-7M-9	7	229	19.1	15.9	10.3	9.5
KC-6-8M-3	-	8	76	19.1	19.1	11.1	7.9
KC-6-8M-4	-	8	102	19.1	19.1	11.1	7.9
KC-6-8M-6	KS-6-8M-6	8	152	19.1	19.1	11.1	7.9
KC-6-8M-9	KS-6-8M-9	8	229	19.1	19.1	11.1	7.9
KC-6-9M-6	-	9	152	19.1	19.1	12.7	7.9
KC-6-10M-3	-	10	76	20.6	19.1	15.1	9.5
KC-6-10M-4	-	10	102	20.6	19.1	15.1	9.5
KC-6-10M-6	KS-6-10M-6	10	152	20.6	19.1	15.1	9.5
-	KS-6-10M-9	10	229	20.6	19.1	15.1	9.5
KC-6-10M-12	-	10	305	20.6	19.1	15.1	9.5
KC-7-11M-6	KS-7-11M-6	11	152	23.8	22.2	15.1	10.3
KC-7-12M-3	-	12	76	23.8	22.2	15.1	10.3
KC-7-12M-6	-	12	152	23.8	22.2	15.1	10.3
KC-7-12M-9	-	12	229	23.8	22.2	15.1	10.3
KC-7-13M-3	-	13	76	25.4	22.2	15.1	11.9
KC-7-13M-6	KS-7-13M-6	13	152	25.4	22.2	15.1	11.9
KC-7-13M-9	KS-7-13M-9	13	229	25.4	22.2	15.1	11.9



### APEX UNIVERSAL WRENCHES & SOCKETS:

Meet the Minimum Proof Torque requirements specified in ASME impact standards B107.2, B107.33M and B107.110. Maximum operating angle is 30 degrees for Universal Wrenches.



## 1/4" SQUARE DR. EXTENSIONS

7/8" TO 14"  
LENGTH



Part Number	Male Square IN.	Type of Lock	Overall Length	
			IN.	MM.
EX-252	1/4	Pin	7/8	22
EX-252-B	1/4	Ball	7/8	25
EX-255-2	1/4	Pin	2	51
EX-255-B-2	1/4	Ball	2	51
EX-255-3	1/4	Pin	3	76
EX-255-4	1/4	Pin	4	102
EX-255-B-4	1/4	Ball	4	102
EX-255-6	1/4	Pin	6	152
EX-255-B-6	1/4	Ball	6	152
EX-255-8	1/4	Pin	8	203
EX-255-10	1/4	Pin	10	254
EX-255-12	1/4	Pin	12	305
EX-255-14	1/4	Pin	14	356

## 1/4" SQUARE DR. ADAPTERS

1/4" FEMALE SQ. TO  
3/8" MALE SQ.



Part Number	Female Square IN.	Male Square IN.	Type of Lock	Overall Length	
				IN.	MM.
EX-372	1/4	3/8	Pin	1	25.4
EX-372-B	1/4	3/8	Ball	1	25.4

## 1/4" SQUARE DRIVE UNIVERSAL ADAPTERS

FEMALE SQUARE TO  
MALE SQUARE



Part Number	Female Square IN.	Male Square IN.	Type of Lock	Largest Dia.		Overall Length	
				IN.	MM.	IN.	MM.
MF-25	1/4	1/4	Pin	5/8	16	15/8	41
MF-25-B	1/4	1/4	Ball	5/8	16	15/8	41

**A**PEX UNIVERSAL WRENCHES & SOCKETS:  
APEX Universal Wrenches and Sockets meet the Minimum Proof Torque requirements specified in ASME impact standards B107.2, B107.33M and B107.110. Maximum operating angle is 30 degrees for Universal Wrenches.

