

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

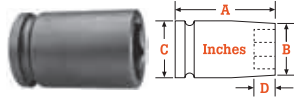
A wide range of accessories are available to adapt sockets to nearly every tool and application.

SQUARE DRIVE UNIVERSAL WRENCHES

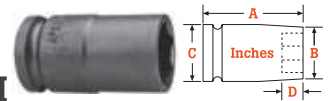
Designed to provide access in hard-to-reach fastening applications.

3/8" SQUARE DRIVE SOCKETS, SAE

6 POINT & DOUBLE HEX, SHORT & STANDARD LENGTH



6 POINT & DOUBLE HEX, THIN WALL, STANDARD LENGTH

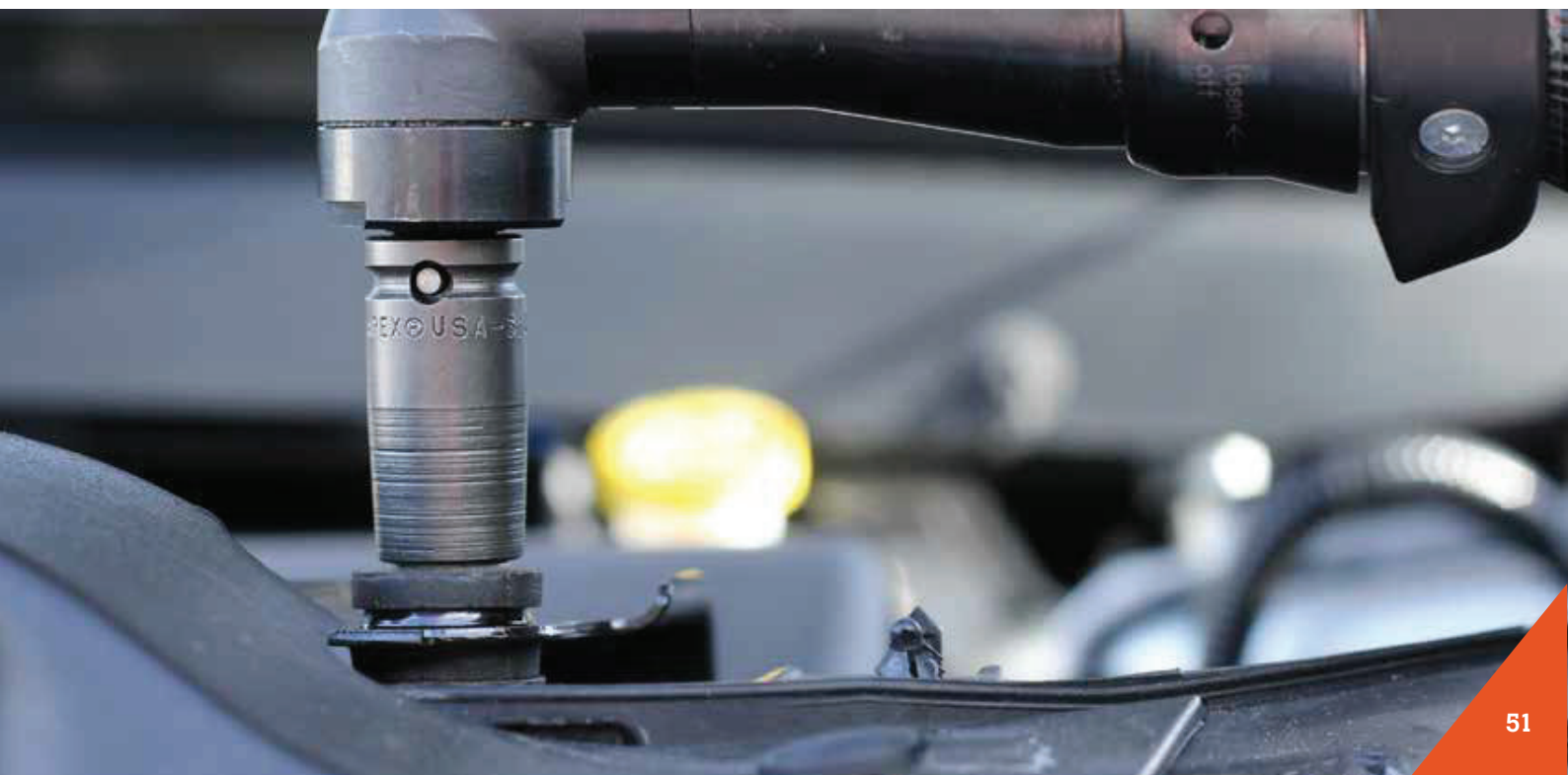


Part No. 6 Point	Part No. Double Hex	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
3108	3108-D	1/4	1 1/4	7/16	3/4	5/32
3109	3109-D	9/32	1 1/4	7/16	3/4	3/16
3010	-	5/16	7/8	1/2	3/4	3/16
3110	3110-D	5/16	1 1/4	1/2	3/4	3/16
3111	-	11/32	1 1/4	1/2	3/4	3/16
3012	3012-D	3/8	7/8	19/32	3/4	3/16
3112	3112-D	3/8	1 1/4	19/32	3/4	1/4
3113	3113-D	13/32	1 1/2	11/16	3/4	1/4
3014	3014-D	7/16	7/8	11/16	3/4	9/32
3114	3114-D	7/16	1 1/2	11/16	3/4	9/32
3016	3016-D	1/2	7/8	13/16	13/16	5/16
3116	3116-D	1/2	1 1/2	13/16	13/16	11/32
3117	-	17/32	1 1/2	13/16	13/16	11/32
3018	3018-D	9/16	7/8	7/8	7/8	5/16
3118	3118-D	9/16	1 1/2	7/8	7/8	7/16
3119	-	19/32	1 1/2	7/8	7/8	7/16
3020	3020-D	5/8	1	15/16	15/16	7/16
3120	3120-D	5/8	1 1/2	15/16	15/16	7/16
3022	3022-D	11/16	1	1	1	7/16
3122	-	11/16	1 1/2	1	1	7/16
3024	3024-D	3/4	1	11/16	11/16	7/16
3124	3124-D	3/4	1 1/2	11/16	11/16	15/32
3126	-	13/16	1 1/2	11/8	11/8	7/16
3028	3028-D	7/8	1	11/4	11/4	7/16
-	HC-3816*	1/2	1 1/2	11/16	11/16	11/32

* No DIN groove

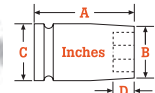
Part No. 6 Point	Part No. Double Hex	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
3408	3408-D	1/4	1 1/4	7/16	3/4	5/32
3409	-	9/32	1 1/4	7/16	3/4	3/16
3410	3410-D	5/16	1 1/4	1/2	3/4	3/16
08-3410*	-	5/16	1 1/4	7/16	19/32	3/16
3412	3412-D	3/8	1 1/2	19/32	3/4	1/4
3414	3414-D	7/16	1 1/2	5/8	3/4	9/32
3416	3416-D	1/2	1 1/2	3/4	3/4	11/32
3418	3418-D	9/16	1 1/2	25/32	13/16	7/16
3420	3420-D	5/8	1 1/2	7/8	7/8	7/16
3424	3424-D	3/4	1 1/2	1	1	15/32
3426	-	13/16	1 1/2	11/8	11/8	17/32
3428	-	7/8	1 1/2	13/16	11/4	9/16
3430	3430-D	15/16	1 1/2	15/16	15/16	5/8
3432	-	1	1 1/2	13/8	13/8	5/8
3434	-	11/16	1 1/2	11/2	11/2	11/16

* No DIN groove



3/8" SQUARE DRIVE SOCKETS, SAE

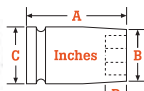
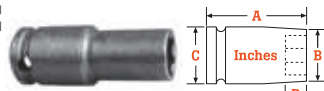
6 POINT & DOUBLE HEX, LONG AND EXTRA LONG LENGTH



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.
3208	3208-D	1/4	2	7/16	3/4	5/32
3308	-	1/4	3 1/2	7/16	3/4	5/32
3209	-	9/32	2	7/16	3/4	3/16
3210	3210-D	5/16	2	1/2	3/4	3/16
3310	3310-D	5/16	3 1/2	1/2	3/4	3/16
-	OS-3310-D*	5/16	3 1/2	15/32	5/8	3/16
3211	3211-D	11/32	2	1/2	3/4	3/16
3212	3212-D	3/8	2	19/32	3/4	1/4
3312	3312-D	3/8	3 1/2	19/32	3/4	1/4
3214	3214-D	7/16	2	11/16	3/4	9/32
3314	3314-D	7/16	3 1/2	11/16	3/4	9/32
3216	3216-D	1/2	2	13/16	13/16	11/32
3316	3316-D	1/2	3 1/2	13/16	13/16	11/32
3218	3218-D	9/16	2	7/8	7/8	7/16
3318	3318-D	9/16	3 1/2	7/8	7/8	7/16
3220	3220-D	5/8	2	15/16	15/16	7/16
3320	3320-D	5/8	3 1/2	15/16	15/16	7/16
3222	3222-D	11/16	2	1	1	7/16
3322	3322-D	11/16	3 1/2	1	1	7/16
3224	3224-D	3/4	2	11/16	1-1/16	15/32
3324	3324-D	3/4	3 1/2	11/16	11/16	15/32
3226	3226-D	13/16	2	11/4	11/4	17/32
3326	3326-D	13/16	3 1/2	11/4	11/4	17/32
3228	3228-D	7/8	2	11/4	11/4	9/16
3328	-	7/8	3-1/2	11/4	11/4	9/16

* No DIN groove

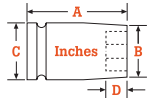
6 POINT & DOUBLE HEX, THIN WALL, LONG LENGTH



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.
3510	-	5/16	2	1/2	3/4	3/16
-	HC-5310-D*	5/16	2	1/2	5/8	3/16
3511	-	11/32	2	1/2	3/4	3/16
3512	3512-D	3/8	2	19/32	3/4	1/4
3514	3514-D	7/16	2	5/8	3/4	9/32
3516	3516-D	1/2	2	3/4	3/4	11/32
3518	3518-D	9/16	2	25/32	13/16	7/16
3524	3524-D	3/4	2	1	1	15/32
3530	-	15/16	2	15/16	15/16	5/8
3532	-	1	2	13/8	13/8	5/8
3534	-	11/16	2	11/2	11/2	11/16

* No DIN groove

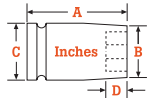
MAGNETIC, SHORT AND STANDARD LENGTH



Part No. Fixed Magnet	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
M-3108	1/4	1 1/4	7/16	3/4	5/32
M-3109	9/32	1 1/4	7/16	3/4	3/16
M-3110	5/16	1 1/4	1/2	3/4	3/16
M-3012	3/8	7/8	19/32	3/4	3/16
M-3112	3/8	1 1/4	19/32	3/4	1/4
M-3014	7/16	7/8	11/16	3/4	9/32
M-3114	7/16	1 1/2	11/16	3/4	9/32
MSW-604	7/16	1 1/2	21/32	3/4	9/32
M-3016	1/2	7/8	13/16	13/16	5/16
M-3116	1/2	1 1/2	13/16	13/16	11/32
MHC-3816*	1/2	1 1/2	11/16	11/16	11/32
M-3018	9/16	7/8	7/8	7/8	5/16
M-3118	9/16	1 1/2	7/8	7/8	7/16
MSW-343	9/16	1 1/2	3/4	3/4	7/16
M-3120	5/8	1 1/2	15/16	15/16	7/16

* No DIN groove

MAGNETIC, THIN WALL, STANDARD LENGTH



Part No. Fixed Magnet	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
M-3408	1/4	1 1/4	7/16	3/4	5/32
M-3410	5/16	1 1/4	1/2	3/4	3/16
OSM-3410*	5/16	1 1/4	7/16	19/32	3/16
M-3411	11/32	1 1/4	1/2	3/4	3/16
M-3412	3/8	1 1/2	19/32	3/4	1/4
M-3414	7/16	1 1/2	5/8	3/4	9/32
OSM-3414*	7/16	1 1/2	5/8	5/8	9/32
M-3416	1/2	1 1/2	3/4	3/4	11/32
M-3418	9/16	1 1/2	25/32	13/16	7/16
M-3424	3/4	1 1/2	1	1	15/32
M-3426	13/16	1 1/2	11/8	11/8	17/32

* No DIN groove

3/8" SQUARE DRIVE SOCKETS, SAE

MAGNETIC, LONG LENGTH & EXTRA LONG LENGTH



Part No. Fixed Magnet	Part No. Mag Bolt Clearance	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
-	MB-3210	5/16	2	1/2	3/4	3/16
M-3212	MB-3212	3/8	2	19/32	3/4	1/4
M-3214	MB-3214	7/16	2	11/16	3/4	9/32
-	MB-3314	7/16	3 1/2	11/16	3/4	9/32
M-3216	MB-3216	1/2	2	13/16	13/16	11/32
M-3218	MB-3218	9/16	2	7/8	7/8	7/16
-	MB-3318	9/16	3 1/2	7/8	7/8	7/16
-	MB-3220	5/8	2	15/16	15/16	7/16

MAGNETIC, THIN WALL, LONG LENGTH



Part No. Fixed Magnet	Part No. Mag Bolt Clearance	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
-	MB-3512	3/8	2	19/32	3/4	1/4
M-3514	MB-3514	7/16	2	5/8	3/4	9/32
-	MB-3516	1/2	2	3/4	3/4	11/32

SURFACE DRIVE & FAST LEAD, SHORT AND STANDARD LENGTH



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.
SF-3010	-	5/16	7/8	1/2	3/4	3/16
SF-3110	FL-3110	5/16	1 1/4	1/2	3/4	3/16
SF-3012	FL-3012	3/8	7/8	19/32	3/4	3/16
SF-3112	FL-3112	3/8	1 1/4	19/32	3/4	1/4
SF-3014	FL-3014	7/16	7/8	11/16	3/4	9/32
SF-3114	FL-3114	7/16	1 1/2	11/16	3/4	9/32
SF-3016	FL-3016	1/2	7/8	13/16	13/16	5/16
SF-3116	FL-3116	1/2	1 1/2	13/16	13/16	11/32
SF-3018	FL-3018	9/16	7/8	7/8	7/8	5/16
SF-3118	FL-3118	9/16	1 1/2	7/8	7/8	7/16
SF-3120	FL-3120	5/8	1 1/2	15/16	15/16	7/16
-	FL-3022	11/16	1	15/16	15/16	7/16
-	FL-3122	11/16	1 1/2	1	1	7/16
-	FL-3024	3/4	1	11/16	11/16	7/16
-	FL-3124	3/4	1 1/2	11/16	11/16	15/32

SURFACE DRIVE & FAST LEAD, THIN WALL, STANDARD LENGTH



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.
SF-3412	FL-3412	3/8	1 1/2	19/32	3/4	1/4
SF-3414	FL-3414	7/16	1 1/2	5/8	3/4	9/32
SF-3416	-	1/2	1 1/2	3/4	3/4	11/32
SF-HC-3816	-	1/2	1 1/2	11/16	11/16	11/32
SF-3418	-	9/16	1 1/2	25/32	13/16	7/16
SF-3432	-	1	1 1/2	1 3/8	1 3/8	5/8

SURFACE DRIVE & FAST LEAD, LONG AND EXTRA LONG LENGTH



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-3210	5/16	2	1/2	3/4	3/16
SF-3212	FL-3212	3/8	2	19/32	3/4	1/4
-	FL-3312	3/8	3 1/2	19/32	3/4	1/4
SF-3214	FL-3214	7/16	2	11/16	3/4	9/32
SF-3314	FL-3314	7/16	3 1/2	11/16	3/4	9/32
SF-3216	FL-3216	1/2	2	13/16	13/16	11/32
SF-3316	FL-3316	1/2	3 1/2	13/16	13/16	11/32
SF-3218	FL-3218	9/16	2	7/8	7/8	7/16
SF-3318	FL-3318	9/16	3 1/2	7/8	7/8	7/16
-	FL-3220	5/8	2	15/16	15/16	7/16
SF-3320	FL-3320	5/8	3 1/2	15/16	15/16	7/16
SF-3224	-	3/4	2	11/16	11/16	15/32
SF-3324	FL-3324	3/4	3 1/2	11/16	11/16	15/32
-	FL-3326	13/16	3 1/2	1 1/4	1 1/4	17/32

SURFACE DRIVE, THIN WALL, LONG LENGTH

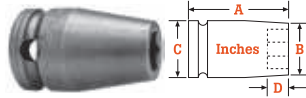


Part No. Surface Drive	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
SF-3512	3/8	2	19/32	3/4	1/4
OSSF-3512*	3/8	2	19/32	19/32	1/4
SF-3514	7/16	2	5/8	3/4	9/32
OSSF-3514*	7/16	2	5/8	5/8	9/32
SF-3516	1/2	2	3/4	3/4	11/32
SF-3518	9/16	2	25/32	13/16	7/16

* No ring groove

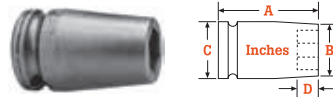
3/8" SQ. DR. SOCKETS FOR SAE SHEET METAL SCREWS

6 POINT & 6 POINT MAGNETIC, FOR PREDRILLED HOLES



Part No. Non Magnetic	Part No. Magnetic	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
-	M3E08	1/4	1 1/4	7/16	3/4	5/32
3E10	M3E10	5/16	1 1/4	1/2	3/4	3/16
3E11	-	11/32	1 1/4	1/2	3/4	3/16
3E12	M3E12	3/8	1 1/4	19/32	3/4	1/4
3E14	M3E14	7/16	1 1/4	11/16	3/4	9/32
3E16	M3E16	1/2	1 1/2	13/16	13/16	11/32
-	M3E18	9/16	1 1/2	7/8	7/8	7/16

6 POINT & 6 POINT MAGNETIC, FOR SELF-TAPPING SCREWS*

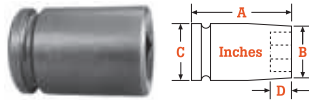


Part No. Non Magnetic	Part No. Magnetic	Hex Opening IN.	Overall Length (A) IN.	Nose End Dia. (B) IN.	Drive End Dia. (C) IN.	Opening Depth (D) IN.
-	M3P06	3/16	1 1/4	5/16	3/4	3/32
-	M3P07	7/32	1 1/4	3/8	3/4	5/32
-	M3P08	1/4	1 1/4	7/16	3/4	5/32
3P10	M3P10	5/16	1 1/4	1/2	3/4	3/16
3P12	M3P12	3/8	1 1/4	5/8	3/4	1/4
3P14	M3P14	7/16	1 1/4	11/16	3/4	9/32
3P16	M3P16	1/2	1 1/2	13/16	13/16	11/32
-	M3P18	9/16	1 1/2	7/8	7/8	7/16

*Sockets for self-tapping screws are maximum hardness.

3/8" SQ. DR. SOCKETS FOR SAE SQUARE NUTS

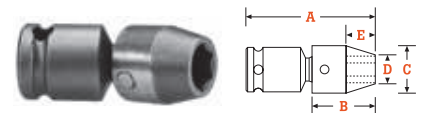
SINGLE SQUARE & DOUBLE SQUARE



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.
3607	-	7/32	1 1/2	7/16	3/4	3/16
3608	-	1/4	1 1/2	1/2	3/4	3/16
3609	3609-D	9/32	1 1/2	9/16	3/4	3/16
3610	3610-D	5/16	1 1/2	5/8	3/4	1/4
3612	3612-D	3/8	1 1/2	3/4	3/4	1/4
3614	3614-D	7/16	1 1/2	7/8	7/8	9/32
3616	3616-D	1/2	1 1/2	1	1	11/32
3618	3618-D	9/16	1 1/2	1	1	7/16
3620	-	5/8	1 1/2	1 1/8	1 1/8	7/16
3624	-	3/4	1 1/2	1 3/8	1 3/8	15/32

3/8" SQ. DR. UNIV. WRENCHES, SAE

6 POINT & DOUBLE HEX



Part No. 6 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-120	SA-120-D	5/16	1 53/64	3/4	3/4	7/16	5/16
SA-122	SA-122-D	3/8	1 57/64	13/16	3/4	9/16	3/8
SA-200	-	3/8	1 15/16	7/8	7/8	9/16	11/32
SA-123	SA-123-D	7/16	2 1/64	15/16	3/4	19/32	1/2
SA-201	-	7/16	2	15/16	7/8	5/8	13/32
SA-124	SA-124-D	1/2	2 5/64	1	3/4	3/4	9/16
SA-202	SA-202-D	1/2	2 1/16	1	7/8	11/16	15/32
SA-125	SA-125-D	9/16	2 1/8	1	13/16	13/16	9/16
SA-203	SA-203-D	9/16	2 1/16	1 1/16	7/8	3/4	17/32
SA-302	-	9/16	2 1/8	1 1/8	1	3/4	9/16
SA-205	SA-205-D	5/8	2 1/8	1 1/8	7/8	7/8	19/32
SA-305	-	11/16	2 5/16	1 1/4	1	1	11/16
SA-306	-	3/4	2 5/16	1 1/4	1 1/8	1 1/8	11/16

3/8" SQ. DR. SOCKET SETS, SAE

6 POINT



APS38	8 piece, standard length: 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4
APS38L	8 piece, long length: 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4

3/8" SQ. DR. IRONBAND™ UNIV. WRENCHES, SAE

6 POINT



Part Number	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-C-120	5/16	1.83	.75	.75	.44	.31
SA-C-122	3/8	1.89	.81	.75	.56	.38
SA-C-123	7/16	2.02	.94	.75	.59	.50
SA-C-124	1/2	2.08	1.0	.75	.75	.56
SA-C-205	5/8	2.13	1.13	.88	.88	.59
SA-C-305	11/16	2.31	1.25	1.00	1.00	.69
SA-C-306	3/4	2.31	1.25	1.13	1.13	.69

3/8" SQ. DR. UNIVERSAL WRENCH SET, SAE

6 POINT



APU37 7 piece, standard length: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4



APEX 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.

3/8" SQUARE DRIVE UNIV. WRENCHES, SAE – EXTENSION

6 POINT STANDARD & TENSION TYPE



Part No. Standard	Part No. Tension	Hex Open IN.	Shank Length (A) IN.	Socket Length (B) IN.	Socket Dia. (C) IN.	Nose End Dia. (D) IN.	Clearance Depth (E) IN.
KA-43-6	KD-43-6	3/8	6	13/16	5/8	17/32	7/16
KA-44-3	-	7/16	3	7/8	5/8	5/8	1/2
KA-44-4	-	7/16	4	7/8	5/8	5/8	1/2
KA-44-6	KD-44-6	7/16	6	7/8	5/8	5/8	1/2
KA-103-6	KD-103-6	7/16	6	15/16	3/4	19/32	1/2
KA-45-3	-	1/2	3	7/8	5/8	11/16	1/2
KA-45-4	-	1/2	4	7/8	5/8	11/16	1/2
KA-45-6	KD-45-6	1/2	6	7/8	5/8	11/16	1/2
KA-45-9	-	1/2	9	7/8	5/8	11/16	1/2
KA-104-9	-	1/2	9	1	3/4	3/4	9/16
-	KD-104-12	1/2	12	1	3/4	3/4	9/16
KA-105-3	KD-105-3	9/16	3	1	3/4	13/16	9/16
KA-105-4	-	9/16	4	1	3/4	13/16	9/16
KA-105-6	KD-105-6	9/16	6	1	3/4	13/16	9/16
KA-105-9	-	9/16	9	1	3/4	13/16	9/16
KA-205-3	-	5/8	3	11/8	7/8	7/8	19/32
-	KD-205-6	5/8	6	11/8	7/8	7/8	19/32

3/8" SQ. DR. IRONBAND™ UNIV. WRENCHES, SAE-EXT.

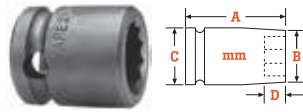
6 POINT STANDARD & TENSION TYPE



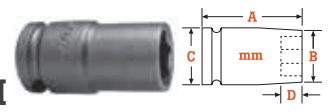
Part No. Standard	Part No. Tension	Hex Open IN.	Shank Length (A) IN.	Socket Length (B) IN.	Socket Dia. (C) IN.	Nose End Dia. (D) IN.	Clearance Depth (E) IN.
KAW-C-43-6	KDW-C-43-6	3/8	6	13/16	5/8	17/32	7/16
KAW-C-44-6	KDW-C-44-6	7/16	6	7/8	5/8	5/8	1/2
KAW-C-45-6	KDW-C-45-6	1/2	6	7/8	5/8	11/16	1/2
-	KDW-C-104-3	1/2	3	1	3/4	3/4	9/16
KAW-C-104-9	-	1/2	9	1	3/4	3/4	9/16
-	KDW-C-104-12	1/2	12	1	3/4	3/4	9/16
KAW-C-105-6	KDW-C-105-6	9/16	6	1	3/4	13/16	9/16

3/8" SQUARE DRIVE SOCKETS, METRIC

6 POINT & DOUBLE HEX, SHORT AND STANDARD LENGTH



6 POINT & DOUBLE HEX, THIN WALL, STANDARD LENGTH



Part No. 6 Pt.	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.
6MM13	-	6	31.7	11.1	19.1	3.9
7MM03	-	7	22.2	11.1	19.1	3.0
7MM13	-	7	31.7	11.1	19.1	4.8
8MM03	-	8	22.2	12.7	19.1	4.8
8MM13	8MM13-D	8	31.7	12.7	19.1	4.8
9MM13	9MM13-D	9	31.7	15.1	19.1	4.8
10MM03	10MM03-D	10	22.2	16.8	19.1	6.4
10MM13	10MM13-D	10	31.7	16.8	19.1	6.4
11MM03	11MM03-D	11	22.2	17.5	19.1	7.2
11MM13	11MM13-D	11	31.7	17.5	19.1	7.2
12MM03	12MM03-D	12	22.2	19.1	19.1	7.2
12MM13	12MM13-D	12	38.1	19.1	19.1	7.2
13MM03	13MM03-D	13	22.2	20.6	20.6	7.9
13MM13	13MM13-D	13	38.1	20.6	20.6	8.7
14MM03	14MM03-D	14	22.2	22.2	22.2	7.9
14MM13	14MM13-D	14	38.1	22.2	22.2	11.1
15MM03	15MM03-D	15	23.8	22.2	22.2	9.5
15MM13	15MM13-D	15	38.1	22.2	22.2	11.1
16MM03	16MM03-D	16	25.4	23.8	23.8	11.1
16MM13	16MM13-D	16	38.1	23.8	23.8	11.1
17MM03	-	17	25.4	25.4	25.4	11.1
17MM13	17MM13-D	17	38.1	25.4	25.4	11.1
18MM03	-	18	25.4	25.4	25.4	11.1
18MM13	18MM13-D	18	38.1	25.4	25.4	11.1
19MM03	19MM03-D	19	25.4	28.6	28.6	11.1
19MM13	19MM13-D	19	38.1	28.6	28.6	11.9
20MM03	-	20	25.4	28.6	28.6	11.1
21MM03	-	21	25.4	31.7	31.7	11.1
21MM13	-	21	38.1	31.7	31.7	13.5
22MM03	-	22	25.4	31.7	31.7	11.1
22MM13	-	22	38.1	31.7	31.7	14.3

Part No. 6 Pt.	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.
6MM43	-	6	31.7	9.5	19.1	3.9
7MM43	7MM43-D	7	31.7	11.1	19.1	4.8
0S-8MM13	-	8	31.7	11.7	15.7	4.8
8MM43	8MM43-D	8	31.7	12.7	19.1	4.8
9MM43	9MM43-D	9	31.7	12.7	19.1	4.8
10MM43	10MM43-D	10	31.7	15.1	19.1	6.4
-	VC-487-10MM-D	10	31.7	14.6	14.6	7.1
-	OS-10MM43-D	10	31.7	15	15	7.1
11MM43	-	11	38.1	15.9	19.1	7.2
12MM43	12MM43-D	12	38.1	17.5	19.1	7.2
13MM43	13MM43-D	13	38.1	19.1	19.1	8.7
14MM43	14MM43-D	14	38.1	19.8	20.6	11.1
15MM43	15MM43-D	15	38.1	20.6	20.6	11.1
16MM43	16MM43-D	16	38.1	22.2	22.2	11.1
17MM43	17MM43-D	17	38.1	23.8	23.8	11.1
18MM43	-	18	38.1	23.8	23.8	11.1
19MM43	19MM43-D	19	38.1	25.4	25.4	11.9

6 POINT & DOUBLE HEX, LONG & EXTRA LONG LENGTH

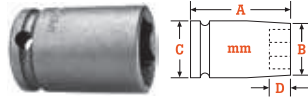


Part No. 6 Pt.	Part No. Double Hex	Hex Opening MM.	Overall Length (A) MM.	Nose End Dia. (B) MM.	Drive End Dia. (C) MM.	Opening Depth (D) MM.
7MM23	-	7	50.8	11.1	19.1	4.8
8MM23	8MM23-D	8	50.8	12.7	19.1	4.8
9MM23	9MM23-D	9	50.8	15.1	19.1	4.8
10MM23	10MM23-D	10	50.8	16.8	19.1	6.4
0S-10MM23*	OS-10MM23-D*	10	50.8	14.2	15.9	6.4
10MM33	-	10	88.9	16.8	19.1	6.4
11MM23	11MM23-D	11	50.8	17.5	19.1	7.2
12MM23	12MM23-D	12	50.8	19.1	19.1	7.2
12MM33	-	12	88.9	19.1	19.1	7.1
13MM23	13MM23-D	13	50.8	20.6	20.6	8.7
13MM33	-	13	88.9	20.6	20.6	8.7
14MM23	14MM23-D	14	50.8	22.2	22.2	11.1
14MM33	-	14	88.9	22.1	22.1	11.1
15MM23	15MM23-D	15	50.8	22.2	22.2	11.1
15MM33	15MM33-D	15	88.9	22.2	22.2	11.1
16MM23	16MM23-D	16	50.8	23.8	23.8	11.1
17MM23	17MM23-D	17	50.8	25.4	25.4	11.1
18MM23	18MM23-D	18	50.8	25.4	25.4	11.1
19MM23	19MM23-D	19	50.8	28.6	28.6	11.9
21MM23	-	21	50.8	31.7	31.7	13.5
22MM23	-	22	50.8	31.7	31.7	14.3

* No DIN groove

3/8" SQUARE DRIVE SOCKETS, METRIC

MAGNETIC, SHORT & STANDARD LENGTH



MAGNETIC, LONG & EXTRA LONG LENGTH

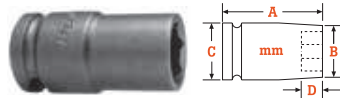


Part No. Fixed Magnet	Part No. Double Hex	Hex Opening MM.	Overall Length (A) MM.	Nose End Dia. (B) MM.	Drive End Dia. (C) MM.	Opening Depth (D) MM.
M-6MM13	-	6	31.8	11.1	19.1	3.9
M-7MM13	-	7	31.8	11.1	19.1	4.8
M-8MM13	-	8	31.8	12.7	19.1	4.8
M-9MM13	-	9	31.8	15.1	19.1	4.8
M-10MM03	-	10	22.2	16.8	19.1	6.4
M-10MM13	-	10	31.8	16.8	19.1	6.4
-	M-10MM13-D	10	31.8	16.8	19.1	3.8
OSM-10MM13	-	10	31.7	14.2	19.1	7.1
-	MVC-487-10MM-D	10	31.8	14.7	14.7	4.4
M-11MM03	-	11	22.2	17.5	19.1	7.2
M-11MM13	-	11	31.7	17.5	19.1	7.2
M-12MM03	-	12	22.2	19.1	19.1	7.2
M-12MM13	-	12	38.1	19.1	19.1	7.2
-	M-12MM13-D	12	38.1	19.1	19.1	5.1
M-13MM03	-	13	22.2	20.6	20.6	8.7
M-13MM13	-	13	38.1	20.6	20.6	8.7
MVC-693-13MM	-	13	50.8	19.1	19.1	5.9
M-14MM03	-	14	22.2	22.2	22.2	4.8
M-14MM13	-	14	38.1	22.2	22.2	11.1
M-15MM03	-	15	23.8	22.2	22.2	9.5
M-15MM13	-	15	38.1	22.2	22.2	11.1
M-16MM13	-	16	38.1	23.8	23.8	11.1
M-17MM13	-	17	38.1	25.4	25.4	11.1
M-18MM03	-	18	25.4	25.4	25.4	11.1
M-18MM13	-	18	38.1	25.4	25.4	11.1

Part Number Magnetic	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.
MB-6MM23	-	6	50.8	11.1	19.1	3.9
MB-7MM23	-	7	50.8	11.1	19.1	4.8
M-8MM23	-	8	50.8	12.7	19.1	4.8
MB-8MM23	-	8	50.8	12.7	19.1	4.8
OSMB-8MM23*	-	8	50.8	11.7	15.9	4.8
MB-9MM23	-	9	50.8	15.1	19.1	4.8
MB-10MM23	MB-10MM23-D	10	50.8	16.8	19.1	6.4
OSMB-10MM23*	OSMB-10MM23-D	10	50.8	14.2	15.9	6.4
MB-10MM33	-	10	88.9	16.8	19.1	6.4
MB-11MM23	-	11	50.8	17.5	19.1	7.2
MB-11MM33	-	11	88.9	17.5	19.1	8.0
MB-12MM23	MB-12MM23-D	12	50.8	19.1	19.1	7.2
MB-12MM33	-	12	88.9	19.1	19.1	8.0
M-13MM23	-	13	50.8	20.6	20.6	5.1
MB-13MM23	MB-13MM23-D	13	50.8	20.6	20.6	8.7
MB-13MM33	-	13	88.9	20.6	20.6	8.7
MB-14MM23	MB-14MM23-D	14	50.8	22.2	22.2	11.1
MB-14MM33	-	14	88.9	22.2	22.2	9.5
MB-15MM23	-	15	50.8	22.2	22.2	11.1
MB-15MM33	-	15	88.9	22.2	22.2	11.1
MB-16MM23	-	16	50.8	23.8	23.8	11.1
MB-17MM23	-	17	50.8	25.4	25.4	11.1
MB-18MM23	-	18	50.8	25.4	25.4	11.1

* No DIN groove

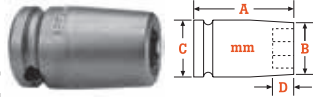
MAGNETIC, THIN WALL, STANDARD LENGTH



Part No. Fixed Magnetic	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.
M-8MM43	-	8	31.7	12.7	19.1	4.8
M-10MM23	-	10	50.8	16.8	19.1	3.9
M-10MM43	-	10	31.7	15.1	19.1	6.4
-	OSM-10MM43-D	10	31.7	15	15	7.1
M-11MM43	-	11	38.1	15.9	19.1	7.2
M-12MM43	-	12	38.1	17.5	19.1	7.2
-	M-12MM43-D	12	38.1	17.5	19.1	7.9
M-13MM43	-	13	38.1	19.1	19.1	8.7
M-14MM43	-	14	38.1	19.8	20.6	11.1
M-15MM43	-	15	38.1	20.5	20.6	11.1

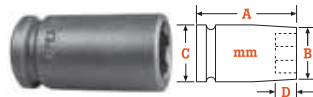
3/8" SQUARE DRIVE SOCKETS, METRIC

SURFACE DRIVE, SHORT AND STANDARD 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-8MM13	8	31.7	12.7	19.1	4.8
SF-10MM03	10	22.2	16.8	19.1	6.4
SF-10MM13	10	31.7	16.8	19.1	6.4
MSF-10MM13	10	31.8	16.7	19.1	3.8
SF-11MM13	11	31.7	17.5	19.1	7.2
SF-12MM03	12	22.2	19.1	19.1	7.2
SF-12MM13	12	38.1	19.1	19.1	7.2
SF-13MM03	13	22.2	20.6	20.6	8.7
SF-13MM13	13	38.1	20.6	20.6	8.7
SF-14MM13	14	38.1	22.2	22.2	11.1
SF-15MM03	15	23.8	22.2	22.2	11.1
SF-15MM13	15	38.1	22.2	22.2	11.1
SF-16MM13	16	38.1	23.8	23.8	11.1
SF-17MM03	17	25.4	25.4	25.4	11.1
SF-17MM13	17	38.1	25.4	25.4	11.1
SF-18MM13	18	38.1	25.4	25.4	11.1
SF-19MM13	18	38.1	28.6	28.6	11.9

SURFACE DRIVE, THIN WALL, STANDARD 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-10MM43	10	31.7	15.1	19.1	6.4
OSSF-10MM43*	10	31.7	15.1	15.1	6.4
SF-11MM43	11	38.1	15.9	19.1	7.2
SF-12MM43	12	38.1	17.5	19.1	7.2
SF-13MM43	13	38.1	19.1	19.1	8.7
SF-15MM43	15	38.1	20.6	20.6	11.1
SF-17MM43	17	38.1	23.8	23.8	11.1
SF-18MM43	18	38.1	23.8	23.8	11.1
SF-19MM43	19	38.1	25.4	25.4	11.9

* No DIN groove

SURFACE DRIVE, LONG & EXTRA LONG LENGTH

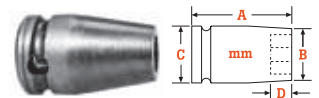


Part No. Surface Drive	Hex Opening MM.	Overall Length (A) MM.	Nose End Dia. (B) MM.	Drive End Dia. (C) MM.	Opening Depth (D) MM.
SF-8MM23	8	50.8	12.7	19.1	4.8
OSSF-8MM23*	8	50.8	11.9	15.9	4.8
SF-8MM33	8	88.9	11.9	19.1	4.7
SF-10MM23	10	50.8	16.8	19.1	6.4
OSSF-10MM23*	10	50.8	14.2	15.9	6.4
VCSF-836-10MM	10	123.7	15.0	19.1	7.1
VCSF-840-10MM	10	98.4	15.7	19.1	7.1
SF-10MM33	10	88.9	16.8	19.1	6.4
SF-11MM23	11	50.8	17.5	19.1	7.2
SF-12MM23	12	50.8	19.1	19.1	7.2
SF-13MM23	13	50.8	20.6	20.6	8.7
SF-13MM33	13	88.9	20.6	20.6	8.7
SF-15MM23	15	50.8	22.2	22.2	11.1
SF-15MM33	15	88.9	22.2	22.2	11.1
SF-17MM23	17	50.8	25.4	25.4	11.1
SF-18MM23	18	50.8	25.4	25.4	11.1
SF-19MM23	19	50.8	28.6	28.6	11.9

* No DIN groove

3/8" SQ. DR. SOCKETS FOR METRIC SHEET METAL SCREWS

6 POINT & 6 POINT MAGNETIC, FOR PREDRILLED HOLES



Part No. 6 Pt.	Part No. Magnetic	Hex Opening MM.	Overall Length (A) MM.	Nose End Dia. (B) MM.	Drive End Dia. (C) MM.	Opening Depth (D) MM.
-	M-6MME3	6	31.7	11.1	19.1	3.9
-	M-7MME3	7	31.7	11.9	19.1	4.8
8MME3	M-8MME3	8	31.7	12.7	19.1	4.8
10MME3	M-10MME3	10	31.7	16.8	19.1	6.4
-	M-11MME3	11	31.7	17.5	19.1	7.2
13MME3	M-13MME3	13	38.1	20.6	20.6	8.7

3/8" SQUARE DRIVE SOCKET SETS, METRIC

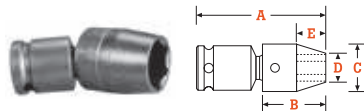
6 POINT



AP312M	12 piece, standard length: 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm
AP312LM	12 piece, long length: 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm

3/8" SQ. DR. IRONBAND™ UNIV. WRENCHES, METRIC

6 POINT



Part No. 6 Pt.	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-C-36-10M	10	48	20.6	19.1	15.1	9.5
SA-C-37-12M	12	51	23.8	22.2	17.5	10.3
SA-C-37-13M	13	52	25.4	22.2	17.5	11.9
SA-C-37-14M	14	54	27.0	22.2	19.1	13.5
SA-C-38-15M	15	56	28.6	25.4	19.8	14.3
SA-C-38-17M	17	59	31.8	25.4	25.4	17.5
SA-C-38-18M	18	59	31.8	25.4	25.4	17.5

3/8" SQ. DR. UNIVERSAL WRENCH SET, METRIC

6 POINT



APU37M	7 piece, standard length: 10mm, 12mm, 13mm, 14mm, 15mm, 17mm, 18mm
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3/8" SQ. DR. UNIV. WRENCHES, METRIC – EX.

6 POINT STANDARD & TENSION TYPE



Part No. Standard	Part No. Tension	Hex Open MM.	Shank Length (A) MM.	Socket Length (B) MM.	Socket Dia. (C) MM.	Nose End Dia. (D) MM.	Clearance Depth (E) MM.
KA-6-10M-4	-	10	102	20.6	19.1	15.1	9.5
KA-6-10M-6	KD-6-10M-6	10	152	20.6	19.1	15.5	9.5
KA-6-10M-9	KD-6-10M-9	10	229	23.8	19.1	15.5	9.5
-	KD-6-10M-12	10	305	20.6	19.1	15.5	9.3
-	KD-7-11M-6	11	152	23.8	22.2	15.9	10.3
KA-7-11M-12	KD-7-11M-12	11	305	23.8	22.2	15.9	10.3
KA-7-12M-4	-	12	102	23.8	22.2	17.5	10.3
KA-7-12M-6	KD-7-12M-6	12	152	23.8	22.2	17.5	10.3
KA-7-12M-9	KD-7-12M-9	12	229	25.4	22.2	17.5	10.3
KA-7-12M-12	KD-7-12M-12	12	305	23.8	22.2	17.5	10.3
KA-7-13M-3	-	13	76	25.4	22.2	17.5	11.9
KA-7-13M-4	-	13	102	25.4	22.2	17.5	11.9
KA-7-13M-6	KD-7-13M-6	13	152	25.4	22.2	17.5	11.9
KA-7-13M-9	KD-7-13M-9	13	229	27.0	22.2	17.5	11.9
KA-7-13M-12	KD-7-13M-12	13	305	25.4	22.2	17.5	11.9
KA-7-14M-6	KD-7-14M-6	14	152	27	22.2	19.1	13.5
-	KD-7-14M-9	14	152	27.0	22.2	19.1	13.5
-	KD-7-14M-12	14	229	28.6	22.2	19.1	13.5
-	-	14	305	27.0	22.2	19.1	13.5
KA-8-15M-3	-	15	76	28.6	25.4	19.8	14.3
-	KD-8-15M-6	15	152	28.6	25.4	19.8	14.3
KA-8-15M-9	KD-8-15M-9	15	229	20.6	25.4	19.8	14.3
KA-8-15M-12	KD-8-15M-12	15	305	28.6	25.4	19.8	14.3

3/8" SQ. DR. IRONBAND™ UNIV. WRENCHES, METRIC – EXT.

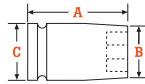
6 POINT STANDARD & TENSION TYPE



Part No. Standard	Part No. Tension	Hex Open MM.	OAL (A) MM.	Socket Length (B) MM.	Socket Dia. (C) MM.	Nose End Dia. (D) MM.	Clearance Depth (E) MM.
KAW-C-6-10M-6	KDW-C-6-10M-6	10	152	20.6	19.1	15.5	9.5
KAW-C-6-10M-9	KDW-C-6-10M-9	10	229	20.6	19.1	15.5	9.5
KAW-C-7-12M-6	KDW-C-7-12M-6	12	152	23.8	22.2	17.5	10.3
KAW-C-7-12M-12	KDW-C-7-12M-12	12	305	23.8	22.2	17.5	10.3
-	KDW-C-7-13M-3	13	76	25.4	22.2	17.5	11.9
KAW-C-7-13M-6	KDW-C-7-13M-6	13	152	25.4	22.2	17.5	11.9
KAW-C-7-13M-12	KDW-C-7-13M-12	13	305	25.4	22.2	17.5	11.9
KAW-C-7-14M-6	KDW-C-7-14M-6	14	152	27.0	22.2	19.1	13.5
KAW-C-8-15M-9	KDW-C-8-15M-9	15	229	28.6	25.4	19.8	14.3

3/8" SQ. DR. SOCKETS FOR SPLINE FASTENERS

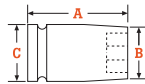
STANDARD AND LONG LENGTH



Part No.	Spline Standard Size	Nominal Size IN.	Overall Length (A)		Nose End Dia. (B)		Drive End Dia. (C)	
			IN.	MM.	IN.	MM.	IN.	MM.
CMS-3412	12	3/8	1	25	17/32	14	21/32	17
CMS-3512	12	3/8	2 1/8	54	17/32	14	21/32	17
CMS-3414	14	7/16	1 1/16	27	5/8	16	11/16	18
CMS-3416	16	1/2	1 1/16	27	23/32	18	23/32	18
CMS-3418	18	9/16	1 1/16	27	13/16	21	13/16	21
CMS-3518	18	9/16	2 3/8	60	13/16	21	13/16	21
CMS-3420	20	5/8	1 3/16	30	7/8	22	7/8	22

3/8" SQ. DR. TORX® SOCKETS

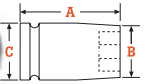
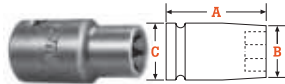
FOR EXTERNAL TORX SCREWS



Part No.	Driver Size	Overall Length (A)		Nose End Dia. (B)		Drive End Dia. (C)	
		IN.	MM.	IN.	MM.	IN.	MM.
TX-3106	E-6	1 1/4	32	3/8	10	3/4	19
TX-3107	E-7	1 1/4	32	3/8	10	3/4	19
TX-3108	E-8	1 1/4	32	7/16	11	3/4	19
TX-3110	E-10	1 1/4	32	1/2	13	3/4	19
TX-3112	E-12	1 1/4	32	5/8	16	3/4	19
MTX-3112*	E-12	1 1/4	32	5/8	16	3/4	19
TX-3114	E-14	1 1/4	32	11/16	18	3/4	19
TX-3116	E-16	1 1/4	32	13/16	21	13/16	21

*Magnetic

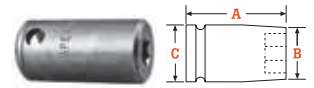
FOR EXTERNAL TORX SCREWS, THIN WALL



Part No.	Driver Size	Overall Length (A)		Nose End Dia. (B)		Drive End Dia. (C)	
		IN.	MM.	IN.	MM.	IN.	MM.
TX-3406	E-6	1 1/4	32	5/16	8	5/8	16
TX-3407	E-7	1 1/4	32	11/32	9	5/8	16
TX-3408	E-8	1 1/4	32	3/8	10	5/8	16
TX-3508	E-8	2	51	3/8	10	5/8	16
TX-3410	E-10	1 1/4	32	1/2	13	5/8	16
MTX-3410*	E-10	1 1/4	32	3/8	10	5/8	16
TX-3412	E-12	1 1/4	32	9/16	14	5/8	16
MTX-3412*	E-12	1 1/4	32	9/16	14	5/8	16
TX-3414	E-14	1 1/4	32	5/8	16	3/4	19
MTX-3414*	E-14	1 1/4	32	5/8	16	3/4	19

*Magnetic

FOR TORX NUTS



Part No.	Driver Size	Overall Length (A)		Nose End Dia. (B)		Drive End Dia. (C)	
		IN.	MM.	IN.	MM.	IN.	MM.
TX-3E08	E-8	1 1/4	32	5/8	16	5/8	16
TX-3E10	E-10	1 1/4	32	5/8	16	5/8	16

3/8" SQ. DR. EXTENSIONS

1 1/4" TO 18" LENGTH



Part No.	Male Square IN.	Type of Lock	Overall Length	
			IN.	MM.
EX-374	3/8	Pin	1 3/8	34
EX-374-B	3/8	Ball	1 3/8	34
EX-376-2	3/8	Pin	2	21
EX-376-B-2	3/8	Ball	2	51
EX-376-3	3/8	Pin	3	76
EX-376-B-3	3/8	Ball	3	76
EX-376-4	3/8	Pin	4	102
EX-376-B-4	3/8	Ball	4	102
EX-376-5	3/8	Pin	5	127
EX-376-B-5	3/8	Ball	5	127
EX-376-6	3/8	Pin	6	152
EX-376-B-6	3/8	Ball	6	152
EX-376-8	3/8	Pin	8	203
EX-376-B-8	3/8	Ball	8	203
EX-376-9	3/8	Pin	9	229
EX-376-B-9	3/8	Ball	9	229
EX-376-10	3/8	Pin	10	254
EX-376-B-10	3/8	Ball	10	254
EX-376-12	3/8	Pin	12	305
EX-376-B-12	3/8	Ball	11	305
EX-376-15	3/8	Pin	15	381
EX-376-B-15	3/8	Ball	15	381
EX-376-18	3/8	Pin	18	457

3/8" SQ. DR. ADAPTERS

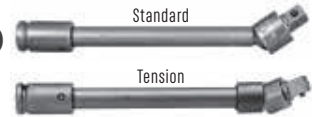
1/4" TO 3/4" MALE SQUARE



Part No.	Female Square IN.	Male Square IN.	Type of Lock	Overall Length	
				IN.	MM.
EX-254	3/8	1/4	Pin	11/4	32
EX-254-B	3/8	1/4	Ball	11/4	32
EX-257-2	3/8	1/4	Pin	2	51
EX-257-B-2	3/8	1/4	Ball	2	51
EX-257-3	3/8	1/4	Pin	3	76
EX-257-B-3	3/8	1/4	Ball	3	76
EX-257-4	3/8	1/4	Pin	4	102
EX-257-B-4	3/8	1/4	Ball	4	102
EX-257-5	3/8	1/4	Pin	5	127
EX-257-B-5	3/8	1/4	Ball	5	127
EX-257-6	3/8	1/4	Pin	6	152
EX-257-B-6	3/8	1/4	Ball	6	152
EX-257-8	3/8	1/4	Pin	8	203
EX-257-11	3/8	1/4	Pin	11	279
EX-503	3/8	1/2	Pin	11/2	38
EX-503-B	3/8	1/2	Ball	11/2	38
EX-507-2	3/8	1/2	Pin	2	51
EX-507-3	3/8	1/2	Pin	3	76
EX-507-B-3	3/8	1/2	Ball	3	76
EX-507-4	3/8	1/2	Pin	4	102
EX-507-B-4	3/8	1/2	Ball	4	102
EX-507-6	3/8	1/2	Pin	6	152
EX-507-B-6	3/8	1/2	Ball	6	152
EX-622	3/8	5/8	Pin	11/2	38
EX-750	3/8	3/4	7/32 Drill Hole	11/2	38
EX-750-B	3/8	3/4	Ball	11/2	38

3/8" SQ. DR. UNIVERSAL ADAPTERS – EXT.

FEMALE SQUARE TO MALE SQUARE



Part No. Standard	Part No. Tension	Female Square IN.	Male Square IN.	Type of Lock	Largest Dia.	
					IN.	MM.
KAM-37-3	KDM-37-3	3/8	3/8	Pin	3/4	19
-	KDM-37-B-3	3/8	3/8	Ball	3/4	19
KAM-37-12	KDM-37-12	3/8	3/8	Pin	3/4	19
-	KDM-37-6	3/8	3/8	Pin	3/4	19
-	KDM-37-9	3/8	3/8	Pin	3/4	19
-	KDM-38-3	3/8	3/8	Pin	7/8	22
KAM-38-6	KDM-38-6	3/8	3/8	Pin	7/8	22
-	KDM-38-9	3/8	3/8	Pin	7/8	22
-	KDM-38-12	3/8	3/8	Pin	7/8	22

3/8" SQ. DR. UNIV. ADAPTERS

FEMALE SQUARE TO MALE SQUARE



Part No.	Female Square IN.	Male Square IN.	Type of Lock	Overall Length		Largest Dia.	
				IN.	MM.	IN.	MM.
MF-27	3/8	1/4	Pin	15/16	49	3/4	19
MF-27-B	3/8	1/4	Ball	15/16	49	3/4	19
MF-37	3/8	3/8	Pin	21/8	54	3/4	19
MF-37-B	3/8	3/8	Ball	21/8	54	3/4	19
MF-38-B	3/8	3/8	Ball	21/2	64	7/8	22