

THE GLOBAL LEADER IN ENHANCING OPERATOR SAFETY ON THE ASSEMBLY LINE

APEX u-GUARD™ free-spinning covered drive tools increase operator safety by significantly reducing or eliminating pinch points when operators are wearing gloves.

APEX u-GUARD provides a protective barrier between genuine APEX fastener tools and your finely finished workpiece, thereby delivering the proven APEX performance plus the best protection available against in-system damage. The free-spinning design provides maximum protection for polished and highly sensitive surfaces.

APEX has solutions for all aspects of safety on an assembly line when it comes to fastener drive tools. In addition to our line of Covered Bits, Bit Holders, Sockets, Extensions, and Universal Wrenches, we also offer u-GUARD Gap Covers that will eliminate the gap between a socket and an extension or between the right-angle power tool and a socket / extension.

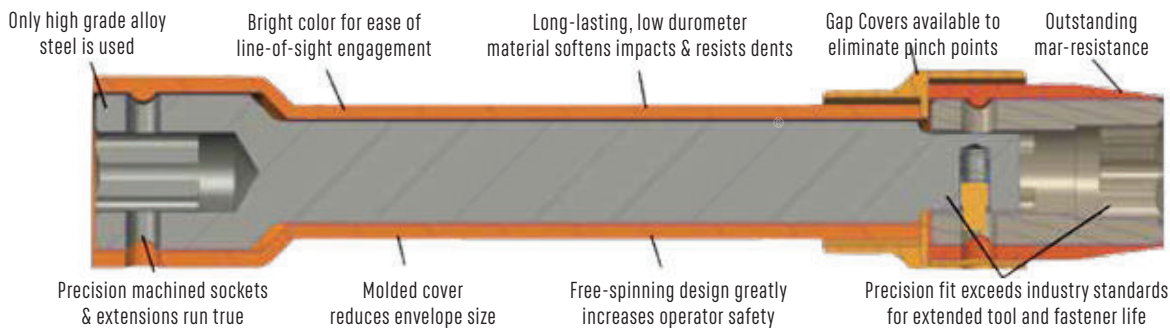
THE APEX u-GUARD LINE OF COVERED DRIVE TOOLS HAS EVOLVED INTO THE TOOL OF CHOICE FOR ENHANCING OPERATOR SAFETY IN ALMOST ALL LEADING ASSEMBLY PLANTS.



APEX u-GUARD gap cover enhances safety by covering the gap between a socket and an extension

APEX u-GUARD ADVANTAGE

- INCREASED OPERATOR SAFETY
- REDUCED IN-SYSTEM DAMAGE AND MARRING
- ENHANCED PLANT PRODUCTIVITY
- FREE-SPINNING DESIGN FOR IMPROVED ERGONOMICS AND SAFETY
- SUPERIOR DURABILITY LEADING TO SIGNIFICANTLY LOWER COST OF OWNERSHIP



APEX u-GUARD UGS MOLDED COVERED TOOLS

Over the past decade, the APEX u-GUARD UGS Series of molded covered tools have been rapidly adopted by leading aerospace, appliance, automotive and heavy equipment assembly plants around the world. These tools allow the drive tool to spin freely inside of the covers, significantly reducing or eliminating contact from the rotating tool during a fastening operation. In addition to improving operator safety, these tools help minimize in-system damage and marring caused during fastening.



APEX u-GUARD UGH MACHINED COVERED TOOLS

The APEX u-GUARD UGH Series of high durometer covered tools are machined for tight tolerances. Made from a high performance engineered thermoplastic material, these free-spinning covered tools offer a thin protective cover for tight clearance applications. u-GUARD UGH tools can be configured to suit a unique customer application where a standard u-GUARD UGS tool may not be available.

THE COVER STORY: u-GUARD UGS

- **LOW DUROMETER, THERMOPLASTIC URETHANE (TPU ELASTOMER) MATERIAL THAT RESISTS DENTS DURING INCIDENTAL SIDE IMPACTS.**
- **ABSORBS SIDE IMPACTS AND DOES NOT PRODUCE RAISED BURRS WHEN IMPACTED.**
- **MOLDED TO THE TOOL FOR REDUCED ENVELOPE DIMENSIONS YET STILL ABLE TO EXHIBIT "FREE-SPINNING" CAPABILITY FOR IMPROVED OPERATOR SAFETY AND ERGONOMICS.**
- **COVER IS NON-REMOVABLE TO PREVENT UNWANTED TAMPERING ON THE LINE.**
- **LOW SUSTAINED COEFFICIENT OF FRICTION BETWEEN THE COVER AND THE TOOL PRODUCES MINIMAL LOSS OF TOOL EFFICIENCY.**
- **SIGNATURE ORANGE COLOR MAKES FASTENER CONTACT EASIER AND STATION MONITORING SMOOTHER.**
- **PART NUMBERS ARE CLEARLY MARKED FOR EASE OF IDENTIFICATION.**

ONLY APEX HAS THE ENGINEERING CAPABILITY, MANUFACTURING PROWESS, AND SUPPLY NETWORK TO MEET THE GLOBAL REQUIREMENTS OF TODAY'S MARKET PLACE.

LEADING INNOVATOR IN FASTENER DRIVE TOOLS

SELECT CASE STUDIES

BODY ASSEMBLY

Problem: Customer expressed safety concerns due to snagging of operators' gloves while guiding a Tap.

APEX Solution: Developed a covered tap holder that includes a spring-loaded non-marring sleeve which covers all of the Tap except the tip.

Benefit to Customer:

- Increased operator safety since the cover prevents gloves from getting trapped
- Improved plant productivity due to significant reduction in safety incidents



INTERIOR COMPONENT ASSEMBLY

Problem: Customer needed a quick release chuck with a free spinning cover to improve operator safety and reduce marring.

APEX Solution: Developed a free-spinning, covered driver that allows the user to activate the quick-release feature

Benefit to Customer:

- Customer can change-out power drive bits quickly
- Anti-mar cover replaces typical knurled surface without compromising functionality
- Free-spinning design significantly improves operator safety



FINAL ASSEMBLY - VARIOUS APPLICATIONS

Problem: A standard Universal Wrench with a 30 degree angle failed to deliver the required torque. Customer also required a covered tool for reduced marring.

APEX Solution: Developed a covered Universal Wrench that provides a 20 degree angle

Benefit to Customer:

- Custom tool is providing the required torque
- Socket & shank are covered with a free-spinning orange cover enhancing safety and anti-mar protection



APEX u-GUARD SOCKET GAP COVERS

LEAVING NO SAFETY GAP ON THE ASSEMBLY LINE



Manufactured from engineered thermoplastic material, these covers significantly outlast the free-spinning tools that they are covering

APEX u-GUARD socket gap covers have been developed to further enhance plant and operator safety by helping minimize fastening tool related injuries on the assembly line. Starting with engineered thermoplastic material that combines low friction and wear resistance with high impact resistance to ensure a long lasting, high quality part, APEX u-GUARD socket gap covers are then machined for a form fitting profile which flows from the extension to the socket keeping the outer envelope size to a minimum while providing for maximum clearance in most applications.

APEX SOCKET/EXTENSION GAP COVERS

Drive Size	Part Number	Min. Internal Cover Dia. (Inch) (Socket Side)
1/4"	GC-A-0688	0.714
1/4"	GC-A-0750	0.776
1/4"	GC-A-0812	0.840
3/8"	GC-C-0812	0.832
3/8"	GC-C-0938	0.970
3/8"	GC-C-1000	1.028
3/8"	GC-C-1063	1.084
3/8"	GC-C-1125	1.146
3/8"	GC-C-1250	1.270
1/2"	GC-E-1125	1.150
1/2"	GC-E-1188	1.208
1/2"	GC-E-1250	1.270
1/2"	GC-E-1375	1.395
1/2"	GC-E-1438	1.458



Gap Cover showing connection between the extension and socket.



Tool with Gap Cover connection

THE GLOBAL LEADER IN PROMOTING SAFETY AND ANTI-MAR DRIVE TOOLS

WHY APEX u-GUARD SOCKET GAP COVERS?

Operator safety when performing fastening operations is becoming a growing concern in assembly plants such as large automotive plants. Manufacturing facilities have concerns about operators' gloves or hair potentially getting stuck in the gap between the socket and extension. Such risk can now be significantly reduced by using APEX u-GUARD Socket Gap Covers.



FEATURES AND BENEFITS:

- Increased operator safety by removing the pinch point between the covered sockets and extensions
- Improve productivity by reducing lost time to injuries and recordable incidents
- Superior durability - generally outlast the free-spinning tools that they are covering
- Easy to install via a pin-lock mechanism
- Robust, free-spinning design
- Versatile - one gap cover can be used for multiple socket/extension combinations

NEW! APEX RIGHT-ANGLE NUTRUNNER GAP COVERS



APEX has developed covers to bridge the gap between the right-angle power tool and the socket (or extension) for most right angle nutrunner. APEX is currently offering Right-Angle Nutrunner Gap Covers as a custom solution. To obtain a quick quote, please contact us with the options below:

(it's required to have the right angle nutsetter brand and model number to receive a sales quote)

UGS SERIES SOCKETS

1/4" SQUARE DRIVE SOCKETS, SAE, NON-MAGNETIC

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-1104	1/8	Hex	0.91	23.1
UG-1105	5/32	Hex	0.91	23.1
UG-1107	7/32	Hex	0.91	23.1
UG-1107-D	7/32	Double Hex	0.91	23.1
UG-1E08	1/4	Hex	0.88	22.4
UG-1108	1/4	Hex	0.91	23.1
UG-1108-D	1/4	Double Hex	0.91	23.1
UG-FL-1108	1/4	Hex	0.91	23.1
UG-X-1108	1/4	Hex	0.91	23.1
UG-1608	1/4	Square	1.03	26.2
UG-1608-D	1/4	Double Sq.	1.03	26.2
UG-1208	1/4	Hex	1.8	45.7
UG-1P09	9/32	Hex	0.91	23.1
UG-1609-D	9/32	Double Sq.	1.03	26.2
UG-1209	9/32	Hex	1.78	45.2
UG-1110	5/16	Hex	1.03	26.2
UG-1110-D	5/16	Double Hex	1.03	26.2
UG-1610	5/16	Square	1.03	26.2
UG-1610-D	5/16	Double Sq.	1.03	26.2
UG-FL-1110	5/16	Hex	1.03	26.2
UG-1210-D	5/16	Double Hex	1.75	44.5
UG-1210	5/16	Hex	1.78	45.2
UG-FL-1210	5/16	Hex	1.78	45.2
UG-X-1110	5/16	Hex	3.53	89.7
UG-ZA-110	5/16	Hex	3.53	89.7
UG-1111	11/32	Hex	1.03	26.2
UG-1111-D	11/32	Double Hex	1.03	26.2
UG-1P11	11/32	Hex	1.03	26.2
UG-1211	11/32	Hex	1.78	45.2
UG-FL-1211	11/32	Hex	1.78	45.2
UG-1112	3/8	Hex	1.03	26.2
UG-1112-D	3/8	Double Hex	1.03	26.2
UG-1P12	3/8	Hex	1.03	26.2
UG-FL-1112	3/8	Hex	1.03	26.2
UG-SF-1112	3/8	Hex	1.03	26.2
UG-1212	3/8	Hex	1.78	45.2
UG-1212-D	3/8	Double Hex	1.78	45.2
UG-FL-1212	3/8	Hex	1.78	45.2
UG-SF-1212	3/8	Hex	1.78	45.2
UG-1113	13/32	Hex	1.03	26.2
UG-1213	13/32	Hex	1.78	45.2
UG-1114	7/16	Hex	1.03	26.2
UG-1114-D	7/16	Double Hex	1.03	26.2
UG-FL-1114	7/16	Hex	1.03	26.2
UG-SF-1114	7/16	Hex	1.03	26.2
UG-FL-1214	7/16	Hex	1.78	45.2
UG-1116	1/2	Hex	1.03	26.2
UG-1116-D	1/2	Double Hex	1.03	26.2
UG-1P16	1/2	Hex	1.03	26.2
UG-FL-1116	1/2	Hex	1.03	26.2
UG-SF-1116	1/2	Hex	1.03	26.2
UG-1120	5/8	Hex	1.03	26.2
UG-TXA-908	E8	Torx	3.53	89.7
UG-TX-1110	E10	Torx	1.03	26.2

1/4" SQUARE DRIVE SOCKETS, SAE, MAGNETIC

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-M-1105	5/32	Hex	0.91	23.1
UG-M-1107	7/32	Hex	0.91	23.1
UG-M1E07	7/32	Hex	0.91	23.1
UG-M1E08	1/4	Hex	0.88	22.4
UG-M-1108-E	1/4	Hex	0.91	23.1
UG-M1E08-LN	1/4	Hex	0.91	23.1
UG-M1P08-LN	1/4	Hex	0.91	23.1
UG-MX-1108	1/4	Hex	0.91	23.1
UG-MX-1108-E	1/4	Hex	0.91	23.1
UG-SM-1108	1/4	Hex	0.91	23.1
UG-MB-1208	1/4	Hex	1.80	45.7
UG-M1P09	9/32	Hex	0.91	23.1
UG-MB-1209	9/32	Hex	1.78	45.2
UG-M-1110	5/16	Hex	1.03	26.2
UG-MX-1110	5/16	Hex	1.03	26.2
UG-M-1210	5/16	Hex	1.78	45.2
UG-MB-1210	5/16	Hex	1.78	45.2
UG-SM-1210	5/16	Hex	1.78	45.2
UG-MB-1210-D	5/16	Double Hex	1.78	45.2
UG-MZA-110	5/16	Hex	3.53	89.7
UG-M-1111	11/32	Hex	1.03	26.2
UG-M1E11	11/32	Hex	1.03	26.2
UG-M1P11	11/32	Hex	1.03	26.2
UG-MX-1111	11/32	Hex	1.03	26.2
UG-MB-1211	11/32	Hex	1.78	45.2
UG-SM-1211	11/32	Hex	1.78	45.2
UG-SM-1212	11/32	Hex	1.78	45.2
UG-MB-1212-D	11/32	Double Hex	1.78	45.2
UG-M-1112	3/8	Hex	1.03	26.2
UG-M1E12	3/8	Hex	1.03	26.2
UG-M1P12	3/8	Hex	1.03	26.2
UG-MX-1112	3/8	Hex	1.03	26.2
UG-MB-1212	3/8	Hex	1.78	45.2
UG-M-1114	7/16	Hex	1.03	26.2
UG-MX-1114	7/16	Hex	1.03	26.2
UG-SM-1114	7/16	Hex	1.03	26.2
UG-M-1114-D	7/16	Double Hex	1.03	26.2
UG-MB-1214	7/16	Hex	1.78	45.2
UG-M-1116	1/2	Hex	1.03	26.2
UG-M1E16	1/2	Hex	1.03	26.2
UG-M1P16	1/2	Hex	1.03	26.2
UG-MTX-5114	E14	Torx	1.50	38.1

Note:
SF: Surface drive hex | FL: Fast lead hex

1/4" SQUARE DRIVE SOCKETS, METRIC, NON-MAGNETIC

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-4MM11	4	Hex	0.91	23.1
UG-4MME1	4	Hex	0.91	23.1
UG-5MME1	5	Hex	0.91	23.1
UG-5MM11	5	Hex	0.91	23.1
UG-5.5MME1	5.5	Hex	0.91	23.1
UG-5.5MM11	5.5	Hex	0.91	23.1
UG-6MM11	6	Hex	0.91	23.1
UG-6MM11-D	6	Double Hex	0.91	23.1
UG-6MME1	6	Hex	0.91	23.1
UG-7MM11	7	Hex	0.91	23.1
UG-7MM11-D	7	Double Hex	0.91	23.1
UG-7MME1	7	Hex	0.91	23.1
UG-SF-7MM11	7	Hex	0.91	23.1
UG-7MM21	7	Hex	1.78	45.2
UG-SF-7MM21	7	Hex	1.78	45.2
UG-8MM11	8	Hex	1.03	26.2
UG-8MME1	8	Hex	1.03	26.2
UG-SF-8MM11	8	Hex	1.03	26.2
UG-8MM11-D	8	Double Hex	1.03	26.2
UG-FL-8MM11	8	Hex	1.03	26.2
UG-8MM21	8	Hex	1.78	45.2
UG-8MM21-D	8	Double Hex	1.78	45.2
UG-FL-8MM21	8	Hex	1.78	45.2
UG-SF-8MM21	8	Hex	1.78	45.2
UG-9MM11	9	Hex	1.03	26.2
UG-9MM11-D	9	Double Hex	1.03	26.2
UG-SF-9MM11	9	Hex	1.03	26.2
UG-9MM21	9	Hex	1.78	45.2
UG-9MM21-D	9	Double Hex	1.78	45.2
UG-10MM11	10	Hex	1.03	26.2
UG-10MM11-D	10	Double Hex	1.03	26.2
UG-10MME1	10	Hex	1.03	26.2
UG-OS-10MM11	10	Hex	1.03	26.2
UG-OS-10MM11-D	10	Double Hex	1.03	26.2
UG-SF-10MM11	10	Hex	1.03	26.2
UG-10MM21	10	Hex	1.78	45.2
UG-10MM21-D	10	Double Hex	1.78	45.2
UG-FL-10MM21	10	Hex	1.78	45.2
UG-SF-10MM21	10	Hex	1.78	45.2
UG-11MM11	11	Hex	1.03	26.2
UG-11MM11-D	11	Double Hex	1.03	26.2
UG-SF-11MM11	11	Hex	1.03	26.2
UG-11MM21	11	Hex	1.78	45.2
UG-12MM11	12	Hex	1.03	26.2
UG-SF-12MM11	12	Hex	1.03	26.2
UG-13MM11	13	Hex	1.03	26.2
UG-13MM11-D	13	Double Hex	1.03	26.2
UG-13MME1	13	Hex	1.03	26.2
UG-SF-13MM11	13	Hex	1.53	38.9
UG-15MM11	15	Hex	1.03	26.2
UG-16MM11	16	Hex	1.03	26.2

UGS SERIES SOCKETS

1/4" SQUARE DRIVE SOCKETS, METRIC, MAGNETIC

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-M-5MM11	5	Hex	0.91	23.1
UG-M-5MME1	5	Hex	0.91	23.1
UG-M-5.5MM11	5.5	Hex	0.91	23.1
UG-M-5.5MME1	5.5	Hex	0.91	23.1
UG-M-6MM11	6	Hex	0.91	23.1
UG-M-6MME1	6	Hex	0.91	23.1
UG-MVA-104-7MM	7	Hex	0.88	22.4
UG-M-7MM11	7	Hex	0.91	23.1
UG-M-7MME1	7	Hex	0.91	23.1
UG-MR-7MME1	7	Hex	0.91	23.1
UG-M-7MM21	7	Hex	1.78	45.2
UG-MB-7MM21	7	Hex	1.78	45.2
UG-SM-7MM21	7	Hex	1.78	45.2
UG-M-8MME1	8	Hex	1.03	26.2
UG-M-8MM11	8	Hex	1.03	26.2
UG-M-8MM11-D	8	Double Hex	1.03	26.2
UG-M-8MM21	8	Hex	1.78	45.2
UG-MB-8MM21	8	Hex	1.78	45.2
UG-SM-8MM21	8	Hex	1.78	45.2
UG-M-9MME1	9	Hex	1.03	26.2
UG-M-9MM11	9	Hex	1.03	26.2
UG-M-9MM21	9	Hex	1.78	45.2
UG-MB-9MM21	9	Hex	1.78	45.2
UG-SM-9MM21	9	Hex	1.78	45.2
UG-M-10MM11	10	Hex	1.03	26.2
UG-M-10MME1	10	Hex	1.03	26.2
UG-MSF-10MM11	10	Hex	1.03	26.2
UG-MSWM-10MME1	10	Hex	1.03	26.2
UG-OSM-10MM11	10	Hex	1.03	26.2
UG-MB-10MM21	10	Hex	1.78	45.2
UG-M-10MM21	10	Hex	1.78	45.2
UG-MB-SF-10MM21	10	Hex	1.78	45.2
UG-MSF-10MM21	10	Hex	1.78	45.2
UG-OSMB-10MM21	10	Hex	1.78	45.2
UG-SM-10MM21	10	Hex	1.78	45.2
UG-M-11MM11	11	Hex	1.03	26.2
UG-M-11MM21	11	Hex	1.78	45.2
UG-MB-11MM21	11	Hex	1.78	45.2
UG-SM-11MM21	11	Hex	1.78	45.2
UG-M-12MM11	12	Hex	1.03	26.2
UG-M-13MM11	13	Hex	1.03	26.2
UG-M-13MME1	13	Hex	1.03	26.2
UG-M-15MM11	15	Hex	1.03	26.2

3/8" SQUARE DRIVE SOCKETS, SAE, NON-MAGNETIC

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-3108	1/4	Hex	1.28	32.5
UG-3108-D	1/4	Double Hex	1.28	32.5
UG-3109	9/32	Hex	1.28	32.5
UG-3110	5/16	Hex	1.25	31.8
UG-3110-D	5/16	Double Hex	1.28	32.5
UG-3210-D	5/16	Double Hex	2.03	51.6
UG-SF-3210	5/16	Hex	2.03	51.6
UG-3210	5/16	Hex	2.04	51.8
UG-3111	11/32	Hex	1.28	32.5
UG-3211	11/32	Hex	2.03	51.6
UG-3211-D	11/32	Double Hex	2.03	51.6
UG-3P12	3/8	Hex	1.28	32.5
UG-3112	3/8	Hex	1.28	32.5
UG-3412	3/8	Hex	1.53	38.9
UG-3412-D	3/8	Double Hex	1.53	38.9
UG-3612-D	3/8	Double Sq.	1.53	38.9
UG-FL-3412	3/8	Hex	1.53	38.9
UG-SF-3412	3/8	Hex	1.53	38.9
UG-3612	3/8	Square	1.54	39.1
UG-3212	3/8	Hex	2.03	51.6
UG-3212-D	3/8	Double Hex	2.03	51.6
UG-3614	7/16	Square	1.53	38.9
UG-3614-D	7/16	Double Sq.	1.53	38.9
UG-3214	7/16	Hex	2.03	51.6
UG-SF-3214	7/16	Hex	2.03	51.6
UG-3016	1/2	Hex	0.91	23.1
UG-3016-D	1/2	Double Hex	0.91	23.1
UG-FL-3016	1/2	Hex	0.91	23.1
UG-SF-3016	1/2	Hex	0.91	23.1
UG-3416	1/2	Hex	1.53	38.9
UG-3416-D	1/2	Double Hex	1.53	38.9
UG-3616	1/2	Square	1.53	38.9
UG-3616-D	1/2	Double Sq.	1.53	38.9
UG-3P16	1/2	Hex	1.53	38.9
UG-FL-3116	1/2	Hex	1.53	38.9
UG-3116	1/2	Hex	1.53	38.9
UG-SF-3116	1/2	Hex	1.53	38.9
UG-SF-3416	1/2	Hex	1.53	38.9
UG-SF-3216	1/2	Hex	2.03	51.6
UG-3216	1/2	Hex	2.03	51.6
UG-3216-D	1/2	Double Hex	2.03	51.6
UG-3516	1/2	Hex	2.03	51.6
UG-3516-D	1/2	Double Hex	2.03	51.6
UG-FL-3216	1/2	Hex	2.03	51.6
UG-SF-3516	1/2	Hex	2.03	51.6
UG-3117	17/32	Hex	1.53	38.9
UG-3118	9/16	Hex	1.53	38.9
UG-3118-D	9/16	Double Hex	1.53	38.9

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-3418	9/16	Hex	1.53	38.9
UG-3418-D	9/16	Double Hex	1.53	38.9
UG-3618	9/16	Square	1.53	38.9
UG-3618-D	9/16	Double Sq.	1.53	38.9
UG-FL-3118	9/16	Hex	1.53	38.9
UG-SF-3118	9/16	Hex	1.53	38.9
UG-SF-3418	9/16	Hex	1.53	38.9
UG-SW-343	9/16	Hex	1.53	38.9
UG-3218	9/16	Hex	2.03	51.6
UG-3218-D	9/16	Double Hex	2.03	51.6
UG-FL-3218	9/16	Hex	2.03	51.6
UG-SF-3218	9/16	Hex	2.03	51.6
UG-3318	9/16	Hex	3.53	89.7
UG-3318-D	9/16	Double Hex	3.53	89.7
UG-3119	19/32	Hex	1.53	38.9
UG-3020	5/8	Hex	1.03	26.2
UG-3020-D	5/8	Double Hex	1.03	26.2
UG-3420-D	5/8	Double Hex	1.53	38.9
UG-3620	5/8	Square	1.53	38.9
UG-FL-3122	11/16	Hex	1.53	38.9
UG-SF-3122	11/16	Hex	1.53	38.9
UG-3222	11/16	Hex	2.03	51.6
UG-3222-D	11/16	Double Hex	2.03	51.6
UG-3424	3/4	Hex	1.53	38.9
UG-3424-D	3/4	Double Hex	1.53	38.9
UG-SF-3124	3/4	Hex	1.53	38.9
UG-3524	3/4	Hex	2.03	51.6
UG-3524-D	3/4	Double Hex	2.03	51.6
UG-3426	13/16	Hex	1.53	38.9
UG-TX-3108	E8	Torx	1.29	32.8
UG-10EP13	10EP	Torx Plus	1.28	32.5
UG-TX-3110	E10	Torx	1.28	32.5
UG-TX-3114	E14	Torx	1.28	32.5

UGS SERIES SOCKETS

3/8" SQUARE DRIVE SOCKETS, SAE, MAGNETIC

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-MB-3210	5/16	Hex	2.04	51.8
UG-MB-3211	11/32	Hex	2.03	51.6
UG-M-3P12	3/8	Hex	1.28	32.5
UG-M-3412	3/8	Hex	1.53	38.9
UG-M-3614-D	7/16	Double Sq.	1.53	38.9
UG-M-3016	1/2	Hex	0.91	23.1
UG-M-3P16	1/2	Hex	1.53	38.9
UG-M-3116	1/2	Hex	1.53	38.9
UG-M-3416-D	1/2	Double Hex	1.53	38.9
UG-M-3416-E	1/2	Hex	1.53	38.9
UG-M3E16	1/2	Hex	1.53	38.9
UG-MB-3216	1/2	Hex	2.03	51.6
UG-SM-3216	1/2	Hex	2.03	51.6
UG-M-3216	1/2	Hex	2.03	51.6
UG-MB-3516	1/2	Hex	2.03	51.6
UG-M-3118	9/16	Hex	1.53	38.9
UG-M-3418-D	9/16	Double Hex	1.53	38.9
UG-M-3218	9/16	Hex	2.03	51.6
UG-MB-3218	9/16	Hex	2.03	51.6
UG-SM-3218	9/16	Hex	2.03	51.6
UG-M-3318	9/16	Hex	3.53	89.7
UG-MB-3318	9/16	Hex	3.53	89.7
UG-M-3124	3/4	Hex	1.53	38.9
UG-M-3424	3/4	Hex	1.53	38.9
UG-M-3426	13/16	Hex	1.53	38.9
UG-MTX-3108	E8	Torx	1.28	32.5
UG-MTX-3110	E10	Torx	1.28	32.5
UG-MTX-3114	E14	Torx	1.25	31.8

3/8" SQUARE DRIVE SOCKETS, METRIC, NON-MAGNETIC

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-7MM13	7	Hex	1.28	32.5
UG-FL-7MM13	7	Hex	1.28	32.5
UG-SF-7MM13	7	Hex	1.28	32.5
UG-FL-7MM23	7	Hex	2.03	51.6
UG-7MM23	7	Hex	2.03	51.6
UG-SF-7MM23	7	Hex	2.03	51.6
UG-SF-8MM13	8	Hex	1.28	32.5
UG-8MM13	8	Hex	1.28	32.5
UG-8MM13-D	8	Double Hex	1.28	32.5
UG-8MME3	8	Hex	1.28	32.5
UG-FL-8MM13	8	Hex	1.28	32.5
UG-8MM23	8	Hex	2.03	51.6
UG-FL-8MM23	8	Hex	2.03	51.6
UG-SF-8MM23	8	Hex	2.03	51.6
UG-9MM23	9	Hex	2.03	51.6
UG-SF-9MM23	9	Hex	2.03	51.6
UG-10MM03	10	Hex	0.9	22.7
UG-SF-10MM03	10	Hex	0.9	22.7
UG-FL-10MM03	10	Hex	0.91	23.1
UG-10MM13	10	Hex	1.28	32.5
UG-10MM13-D	10	Double Hex	1.28	32.5
UG-SF-10MM43	10	Hex	1.28	32.5
UG-10MM43	10	Hex	1.28	32.5
UG-10MM43-D	10	Double Hex	1.28	32.5
UG-FL-10MM43	10	Hex	1.28	32.5
UG-FL-10MM43-E	10	Hex	1.28	32.5
UG-SF-10MM13	10	Hex	1.28	32.5
UG-10MM63	10	Square	1.53	38.9
UG-10MM63-D	10	Double Sq.	1.53	38.9
UG-10MM23	10	Hex	2.03	51.6
UG-OS-10MM23	10	Hex	2.03	51.6
UG-10MM23-D	10	Double Hex	2.03	51.6
UG-CSF-10MM23	10	Hex	2.03	51.6
UG-FL-10MM23	10	Hex	2.03	51.6
UG-FL-10MM23-E	10	Hex	2.03	51.6
UG-SF-10MM23	10	Hex	2.03	51.6
UG-10MM33	10	Hex	3.53	89.7
UG-CSF-10MM33	10	Hex	3.53	89.7
UG-FL-10MM33	10	Hex	3.53	89.7
UG-SF-10MM33	10	Hex	3.53	89.7
UG-11MM13	11	Hex	1.28	32.5
UG-SF-11MM13	11	Hex	1.28	32.5
UG-FL-11MM13	11	Hex	1.28	32.5
UG-11MM23	11	Hex	2.03	51.6
UG-11MM23-D	11	Double Hex	2.03	51.6
UG-SF-11MM23	11	Hex	2.03	51.6
UG-12MM03	12	Hex	0.91	23.1
UG-SF-12MM03	12	Hex	0.91	23.1

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-12MM03-D	12	Double Hex	0.91	23.1
UG-FL-12MM03	12	Hex	0.91	23.1
UG-12MM13	12	Hex	1.53	38.9
UG-12MM13-D	12	Double Hex	1.53	38.9
UG-FL-12MM13	12	Hex	1.53	38.9
UG-SF-12MM13	12	Hex	1.53	38.9
UG-12MM23	12	Hex	2.03	51.6
UG-12MM23-D	12	Double Hex	2.03	51.6
UG-SF-12MM23	12	Hex	2.03	51.6
UG-SF-12MM53	12	Hex	2.03	51.6
UG-13MM03	13	Hex	0.91	23.1
UG-SF-13MM03	13	Hex	0.91	23.1
UG-13MM03-D	13	Double Hex	0.91	23.1
UG-FL-13MM03	13	Hex	0.91	23.1
UG-13MM13	13	Hex	1.53	38.9
UG-13MME3	13	Hex	1.53	38.9
UG-13MM13-D	13	Double Hex	1.53	38.9
UG-13MM43	13	Hex	1.53	38.9
UG-13MM43-D	13	Double Hex	1.53	38.9
UG-CSF-13MM43	13	Hex	1.53	38.9
UG-FL-13MM13	13	Hex	1.53	38.9
UG-SF-13MM13	13	Hex	1.53	38.9
UG-SF-13MM43	13	Hex	1.53	38.9
UG-CSF-13MM23	13	Hex	2.03	51.6
UG-VC-68-13MM	13	Hex	2.03	51.6
UG-13MM23	13	Hex	2.03	51.6
UG-SF-13MM23	13	Hex	2.03	51.6
UG-13MM23-D	13	Double Hex	2.03	51.6
UG-SF-13MM53	13	Hex	2.03	51.6
UG-FL-13MM23	13	Hex	2.03	51.6
UG-13MM33	13	Hex	3.53	89.7
UG-CSF-13MM33	13	Hex	3.53	89.7
UG-SF-13MM33	13	Hex	3.53	89.7
UG-14MM13	14	Hex	1.53	38.9
UG-14MM13-D	14	Double Hex	1.53	38.9
UG-14MM43	14	Hex	1.53	38.9
UG-SF-14MM13	14	Hex	1.53	38.9
UG-14MM23	14	Hex	2.03	51.6
UG-14MM23-D	14	Double Hex	2.03	51.6
UG-SF-14MM23	14	Hex	2.03	51.6
UG-14MM33	14	Hex	3.53	89.7
UG-15MM03	15	Hex	0.97	24.7
UG-15MM03-D	15	Double Hex	0.97	24.7
UG-FL-15MM03	15	Hex	0.97	24.7
UG-SF-15MM03	15	Hex	0.97	24.7
UG-15MM13	15	Hex	1.53	38.9
UG-15MM13-D	15	Double Hex	1.53	38.9

Note:

CSF: Surface hex with extra large counter-sink.

UGS SERIES SOCKETS

3/8" SQUARE DRIVE SOCKETS, METRIC, NON-MAGNETIC (CONTINUED)

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length IN.	Overall Length MM.
UG-15MM43	15	Hex	1.53	38.9
UG-15MM43-D	15	Double Hex	1.53	38.9
UG-CSF-15MM43	15	Hex	1.53	38.9
UG-SF-15MM13	15	Hex	1.53	38.9
UG-SF-15MM43	15	Hex	1.53	38.9
UG-15MM23	15	Hex	2.03	51.6
UG-15MM23-D	15	Double Hex	2.03	51.6
UG-CSF-15MM23	15	Hex	2.03	51.6
UG-SF-15MM33	15	Hex	2.03	51.6
UG-15MM33	15	Hex	3.53	89.7
UG-15MM33-D	15	Double Hex	3.53	89.7
UG-CSF-15MM33	15	Hex	3.53	89.7
UG-16MM03-D	16	Double Hex	1.03	26.2
UG-SF-16MM03	16	Hex	1.03	26.2
UG-16MM43	16	Hex	1.53	38.9
UG-16MM43-D	16	Double Hex	1.53	38.9
UG-17MM13	17	Hex	1.53	38.9
UG-17MM13-D	17	Double Hex	1.53	38.9
UG-SF-17MM13	17	Hex	1.53	38.9
UG-17MM23	17	Hex	2.03	51.6
UG-17MM23-D	17	Double Hex	2.03	51.6
UG-SF-17MM23	17	Hex	2.03	51.6
UG-18MM13	18	Hex	1.53	38.9
UG-18MM13-D	18	Double Hex	1.53	38.9
UG-SF-18MM13	18	Hex	1.53	38.9
UG-18MM23	18	Hex	2.03	51.6
UG-18MM23-D	18	Double Hex	2.03	51.6
UG-SF-18MM23	18	Hex	2.03	51.6
UG-19MM13	19	Hex	1.53	38.9
UG-19MM13-D	19	Double Hex	1.53	38.9
UG-19MM43	19	Hex	1.53	38.9
UG-19MM43-D	19	Double Hex	1.53	38.9
UG-FL-19MM13	19	Hex	1.53	38.9
UG-SF-19MM13	19	Hex	1.53	38.9
UG-SF-19MM43	19	Hex	1.53	38.9
UG-20MM13	20	Hex	1.53	38.9

3/8" SQUARE DRIVE SOCKETS, METRIC, MAGNETIC

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length IN.	Overall Length MM.
UG-M-7MME3	7	Hex	1.25	31.8
UG-M-7MM13	7	Hex	1.28	32.5
UG-SM-7MM13	7	Hex	1.28	32.5
UG-MB-7MM23	7	Hex	2.04	51.8
UG-M-8MM13	8	Hex	1.28	32.5
UG-M-8MME3	8	Hex	1.28	32.5
UG-MSF-8MM13	8	Hex	1.28	32.5
UG-M-8MM23	8	Hex	2.03	51.6
UG-MB-8MM23	8	Hex	2.03	51.6
UG-SM-8MM23	8	Hex	2.03	51.6
UG-SWMSF-8MM23	8	Hex	2.03	51.6
UG-MB-9MM23	9	Hex	2.03	51.6
UG-M-10MM03	10	Hex	0.9	22.7
UG-MVC-806-10MM	10	Hex	1.2	30.5
UG-M-10MME3	10	Hex	1.28	32.5
UG-M-10MM13	10	Hex	1.28	32.5
UG-SM-10MM13	10	Hex	1.28	32.5
UG-M-10MM13-D	10	Double Hex	1.28	32.5
UG-M-10MM43	10	Hex	1.28	32.5
UG-MSF-10MM13	10	Hex	1.28	32.5
UG-MSF-10MM43	10	Hex	1.28	32.5
UG-SWMSF-10MM13	10	Hex	1.28	32.5
UG-SM-10MM23	10	Hex	2.02	51.3
UG-OSM-10MM23	10	Hex	2.03	51.6
UG-MB-10MM23-D	10	Double Hex	2.03	51.6
UG-M-10MM23	10	Hex	2.03	51.6
UG-MB-10MM23	10	Hex	2.03	51.6
UG-MBVC-804-10MM	10	Hex	2.03	51.6
UG-MSF-10MM23	10	Hex	2.03	51.6
UG-MB-SF-10MM23	10	Hex	2.03	51.6
UG-OSMB-10MM23	10	Hex	2.03	51.6
UG-SWMSF-10MM23	10	Hex	2.03	51.6
UG-M-10MM33	10	Hex	3.53	89.7
UG-MB-10MM33	10	Hex	3.53	89.7
UG-MSF-10MM33	10	Hex	3.53	89.7
UG-SWMSF-10MM33	10	Hex	3.53	89.7
UG-M-11MM13	11	Hex	1.28	32.5
UG-OSMB-11MM23	11	Hex	2.03	51.6
UG-MB-11MM23	11	Hex	2.03	51.6
UG-MB-SF-11MM23	11	Hex	2.03	51.6
UG-SM-11MM23	11	Hex	2.03	51.6
UG-SWMSF-11MM23	11	Hex	2.03	51.6
UG-M-12MM03-D	12	Double Hex	0.91	23.1
UG-M-12MM03	12	Hex	0.91	23.1
UG-M-12MM13	12	Hex	1.53	38.9
UG-M-12MM13-D	12	Double Hex	1.53	38.9
UG-SWMSF-12MM13	12	Hex	1.53	38.9

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length IN.	Overall Length MM.
UG-M-12MM23	12	Hex	2.03	51.6
UG-MB-12MM23	12	Hex	2.03	51.6
UG-MB-12MM23-D	12	Double Hex	2.03	51.6
UG-SM-12MM23	12	Hex	2.03	51.6
UG-SM-SF-12MM23	12	Hex	2.03	51.6
UG-MBVCCB-305-12MM	12	Hex	2.53	64.3
UG-M-13MM03	13	Hex	0.91	23.1
UG-M-13MM13	13	Hex	1.53	38.9
UG-M-13MME3	13	Hex	1.53	38.9
UG-M-13MM13-D	13	Double Hex	1.53	38.9
UG-M-13MM43	13	Hex	1.53	38.9
UG-M-13MM43-D	13	Double Hex	1.53	38.9
UG-MB-13MM23	13	Hex	1.53	38.9
UG-MB-13MM23-D	13	Double Hex	1.53	38.9
UG-MFL-13MM43	13	Hex	1.53	38.9
UG-MSF-13MM13	13	Hex	1.53	38.9
UG-MSF-13MM23	13	Hex	1.53	38.9
UG-MSF-13MM43	13	Hex	1.53	38.9
UG-SM-13MM13	13	Hex	1.53	38.9
UG-SM-13MM23	13	Hex	1.53	38.9
UG-SM-13MM43	13	Hex	1.53	38.9
UG-SWMSF-13MM13	13	Hex	1.54	39.1
UG-SWMSF-13MM23	13	Hex	2.03	51.6
UG-M-13MM23	13	Hex	2.04	51.8
UG-SWM-13MM23	13	Hex	2.04	51.8
UG-SWMSF-13MM23	13	Hex	2.04	51.8
UG-MB-13MM33	13	Hex	3.53	89.7
UG-MB-SF-13MM33	13	Hex	3.53	89.7
UG-SM-13MM33	13	Hex	3.53	89.7
UG-M-14MM13	14	Hex	1.53	38.9
UG-M-14MM13-D	14	Double Hex	1.53	38.9
UG-M-14MM43-D	14	Double Hex	1.53	38.9
UG-M-14MM23	14	Hex	2.03	51.6
UG-MB-14MM23	14	Hex	2.03	51.6
UG-MBSF-14MM23	14	Hex	2.03	51.6
UG-MB-14MM23-D	14	Double Hex	2.03	51.6
UG-SWMSF-14MM23	14	Hex	2.03	51.6
UG-SWMSF-14MM33	14	Hex	2.03	51.6
UG-MB-14MM33	14	Hex	3.53	89.7
UG-M-15MM03	15	Hex	0.97	24.7
UG-M-15MM13	15	Hex	1.53	38.9
UG-M-15MM13-D	15	Double Hex	1.53	38.9
UG-MSF-15MM13	15	Hex	1.53	38.9
UG-M-15MM43	15	Hex	1.53	38.9
UG-SM-15MM43	15	Hex	1.53	38.9
UG-SWMSF-15MM13	15	Hex	1.53	38.9

UGS SERIES SOCKETS

3/8" SQUARE DRIVE SOCKETS, METRIC, MAGNETIC (CONTINUED)

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-M-15MM23	15	Hex	2.03	51.6
UG-MB-15MM23	15	Hex	2.03	51.6
UG-MBSF-15MM23	15	Hex	2.03	51.6
UG-MB-SF-15MM23	15	Hex	2.03	51.6
UG-SM-15MM23	15	Hex	2.03	51.6
UG-SWM-15MM33	15	Hex	2.03	51.6
UG-SWMSF-15MM23	15	Hex	2.03	51.6
UG-M-15MM33	15	Hex	3.53	89.7
UG-MB-15MM33	15	Hex	3.53	89.7
UG-M-16MM43	16	Hex	1.53	38.9
UG-M-17MM13	17	Hex	1.53	38.9
UG-SM-17MM23	17	Hex	1.53	38.9
UG-SWMSF-17MM13	17	Hex	1.53	38.9
UG-SWMSF-17MM23	17	Hex	1.53	38.9
UG-M-17MM23	17	Hex	2.03	51.6
UG-MB-17MM23	17	Hex	2.03	51.6
UG-M-18MM13	18	Hex	1.53	38.9
UG-SWMSF-18MM13	18	Hex	1.53	38.9
UG-SWMSF-18MM23	18	Hex	1.53	38.9
UG-M-18MM23	18	Hex	2.03	51.6
UG-MB-18MM23	18	Hex	2.03	51.6
UG-M-19MM13	19	Hex	1.53	38.9
UG-SWMSF-19MM13	19	Hex	1.53	38.9

1/2" SQUARE DRIVE SOCKETS, SAE, NON-MAGNETIC

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-5608-D	1/4	Double Sq.	1.53	38.9
UG-5110	5/16	Hex	1.53	38.9
UG-5110-D	5/16	Double Hex	1.53	38.9
UG-SF-5113	13/32	Hex	1.53	38.9
UG-5114	7/16	Hex	1.53	38.9
UG-5114-D	7/16	Double Hex	1.53	38.9
UG-5814-D	7/16	Double Sq.	3.28	83.3
UG-5616	1/2	Square	1.53	38.9
UG-5616-D	1/2	Double Sq.	1.53	38.9
UG-5916	1/2	Square	1.53	38.9
UG-5916-D	1/2	Double Sq.	1.53	38.9
UG-FL-5516	1/2	Hex	3.28	83.3
UG-SF-5516	1/2	Hex	3.28	83.3
UG-5618	9/16	Square	1.53	38.9
UG-5618-D	9/16	Double Sq.	1.53	38.9
UG-5918	9/16	Square	1.53	38.9
UG-5918-D	9/16	Double Sq.	1.53	38.9
UG-5118	9/16	Hex	1.53	38.9
UG-SF-5118	9/16	Hex	1.53	38.9
UG-5218	9/16	Hex	2.28	57.9
UG-5318	9/16	Hex	3.28	83.3
UG-5318-D	9/16	Double Hex	3.28	83.3
UG-5818-D	9/16	Double Sq.	3.28	83.3
UG-5119	19/32	Hex	1.53	38.9
UG-5419-D	19/32	Double Hex	1.53	38.9
UG-5219-D	19/32	Double Hex	2.28	57.9
UG-5420	19/32	Hex	3.28	83.3
UG-5120	5/8	Hex	1.53	38.9
UG-5120-D	5/8	Double Hex	1.53	38.9
UG-5620	5/8	Square	1.53	38.9
UG-5620-D	5/8	Double Sq.	1.53	38.9
UG-FL-5120	5/8	Hex	1.53	38.9
UG-SC-520	5/8	Hex	1.53	38.9
UG-5720	5/8	Square	2.28	57.9
UG-5420-D	5/8	Double Hex	3.28	83.3
UG-SF-5420	5/8	Hex	3.28	83.3
UG-SF-5120	5/8	Hex	3.53	89.7
UG-5121-D	21/32	Double Hex	1.53	38.9
UG-5122	11/16	Hex	1.53	38.9
UG-5122-D	11/16	Double Hex	1.53	38.9
UG-5422	11/16	Hex	1.53	38.9
UG-5422-D	11/16	Double Hex	1.53	38.9
UG-5622	11/16	Square	1.53	38.9
UG-FL-5122	11/16	Hex	1.53	38.9
UG-SF-5122	11/16	Hex	1.53	38.9
UG-SF-5422	11/16	Hex	1.53	38.9
UG-5222	11/16	Hex	2.28	57.9
UG-FL-5222	11/16	Hex	2.28	57.9

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-SF-5222	11/16	Hex	2.28	57.9
UG-5322	11/16	Hex	3.28	83.3
UG-5322-D	11/16	Double Hex	3.28	83.3
UG-5522	11/16	Hex	3.28	83.3
UG-5522-D	11/16	Double Hex	3.28	83.3
UG-SF-5522	11/16	Hex	3.28	83.3
UG-SF-SW-282	3/4	Hex	1.03	26.2
UG-SW-282	3/4	Hex	1.03	26.2
UG-SW-282-D	3/4	Double Hex	1.03	26.2
UG-5124	3/4	Hex	1.53	38.9
UG-5124-D	3/4	Double Hex	1.53	38.9
UG-FL-5124	3/4	Hex	1.53	38.9
UG-SF-5124	3/4	Hex	1.53	38.9
UG-5224	3/4	Hex	2.28	57.9
UG-5224-D	3/4	Double Hex	2.28	57.9
UG-FL-5224	3/4	Hex	2.28	57.9
UG-SF-5224	3/4	Hex	2.28	57.9
UG-5324	3/4	Hex	3.28	83.3
UG-5324-D	3/4	Double Hex	3.28	83.3
UG-FL-5324	3/4	Hex	3.28	83.3
UG-SF-5324	3/4	Hex	3.28	83.3
UG-5225-D	25/32	Double Hex	2.28	57.9
UG-SF-5126	13/16	Hex	1.03	26.2
UG-5126	13/16	Hex	1.53	38.9
UG-5126-D	13/16	Double Hex	1.53	38.9
UG-5426	13/16	Hex	1.53	38.9
UG-5426-D	13/16	Double Hex	1.53	38.9
UG-FL-5126	13/16	Hex	1.53	38.9
UG-SF-5426	13/16	Hex	1.53	38.9
UG-5226	13/16	Hex	2.28	57.9
UG-5226-D	13/16	Double Hex	2.28	57.9
UG-5526	13/16	Hex	3.28	83.3
UG-5526-D	13/16	Double Hex	3.28	83.3

1/2" SQUARE DRIVE SOCKETS, SAE, MAGNETIC

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-M-5110	5/16	Hex	1.53	38.9
UG-M-5120	5/8	Hex	1.53	38.9
UG-M-5420	5/8	Hex	3.28	83.3
UG-M-5122	11/16	Hex	1.53	38.9
UG-M-5124	3/4	Hex	1.53	38.9
UG-MB-5224-D	3/4	Double Hex	2.28	57.9
UG-MB-5324	3/4	Hex	3.28	83.3

UGS SERIES SOCKETS

1/2" SQUARE DRIVE SOCKETS, METRIC, NON-MAGNETIC

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-8MM15	8	Hex	1.53	38.9
UG-8MM15-D	8	Double Hex	1.53	38.9
UG-SF-8MM15	8	Hex	1.53	38.9
UG-11MM15	11	Hex	1.53	38.9
UG-SF-11MM15	11	Hex	1.53	38.9
UG-13MM15	13	Hex	1.53	38.9
UG-SF-13MM15	13	Hex	1.53	38.9
UG-CSF-13MM45	13	Hex	1.53	38.9
UG-13MM45	13	Hex	1.53	38.9
UG-SF-13MM45	13	Hex	1.53	38.9
UG-13MM25	13	Hex	2.28	57.9
UG-SF-13MM25	13	Hex	2.28	57.9
UG-FL-13MM25	13	Hex	2.28	57.9
UG-13MM35	13	Hex	3.28	83.3
UG-13MM55	13	Hex	3.28	83.3
UG-SF-13MM55	13	Hex	3.28	83.3
UG-13MM55-D	13	Double Hex	3.28	83.3
UG-FL-13MM55	13	Hex	3.28	83.3
UG-SF-13MM35	13	Hex	3.28	83.3
UG-14MM45	14	Square	1.53	38.9
UG-SF-14MM15	14	Hex	1.53	38.9
UG-14MM15	14	Hex	1.54	39.1
UG-14MM25	14	Hex	2.28	57.9
UG-15MM15	15	Hex	1.53	38.9
UG-15MM15-D	15	Double Hex	1.53	38.9
UG-15MM45	15	Hex	1.53	38.9
UG-15MM45-D	15	Double Hex	1.53	38.9
UG-15MME5	15	Hex	1.53	38.9
UG-FL-15MM15	15	Hex	1.53	38.9
UG-SF-15MM15	15	Hex	1.53	38.9
UG-SF-15MM45	15	Hex	1.53	38.9
UG-15MM25	15	Hex	2.28	57.9
UG-SF-15MM25	15	Hex	2.28	57.9
UG-15MM35	15	Hex	3.28	83.3
UG-FL-15MM45	15	Hex	3.28	83.3
UG-15MM55	15	Hex	3.28	83.3
UG-SF-15MM35	15	Hex	3.28	83.3
UG-16MM15	16	Hex	1.53	38.9
UG-16MM15-D	16	Double Hex	1.53	38.9
UG-FL-16MM15	16	Hex	1.53	38.9
UG-SF-16MM15	16	Hex	1.53	38.9
UG-16MM45	16	Hex	3.28	83.3
UG-16MM45-D	16	Double Hex	3.28	83.3
UG-SF-16MM45	16	Hex	3.28	83.3
UG-17MM15	17	Hex	1.53	38.9
UG-SF-17MM15	17	Hex	1.53	38.9
UG-17MM15-D	17	Double Hex	1.53	38.9
UG-SF-17MM45	17	Hex	1.53	38.9

1/2" SQUARE DRIVE SOCKETS, METRIC, MAGNETIC

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-17MM45	17	Hex	1.53	38.9
UG-17MM45-D	17	Double Hex	1.53	38.9
UG-FL-17MM15	17	Hex	1.53	38.9
UG-17MM25	17	Hex	2.28	57.9
UG-17MM25-D	17	Double Hex	2.28	57.9
UG-SF-17MM25	17	Hex	2.28	57.9
UG-17MM55	17	Hex	3.28	83.3
UG-17MM55-D	17	Double Hex	3.28	83.3
UG-SF-17MM55	17	Hex	3.28	83.3
UG-18MM15	18	Hex	1.53	38.9
UG-SF-18MM15	18	Hex	1.53	38.9
UG-18MM15-D	18	Double Hex	1.53	38.9
UG-18MM45	18	Hex	1.53	38.9
UG-18MM45-D	18	Double Hex	1.53	38.9
UG-19MM15-D	18	Double Hex	1.53	38.9
UG-FL-18MM15	18	Hex	1.53	38.9
UG-18MM25	18	Hex	2.28	57.9
UG-SF-18MM25	18	Hex	2.28	57.9
UG-18MM25-D	18	Double Hex	2.28	57.9
UG-FL-18MM25	18	Hex	2.28	57.9
UG-18MM35	18	Hex	3.28	83.3
UG-18MM35-D	18	Double Hex	3.28	83.3
UG-FL-18MM35	18	Hex	3.28	83.3
UG-SF-18MM35	18	Hex	3.28	83.3
UG-SF-18MM45	18	Hex	3.53	89.7
UG-19MM15	19	Hex	1.53	38.9
UG-FL-19MM15	19	Hex	1.53	38.9
UG-SF-19MM15	19	Hex	1.53	38.9
UG-19MM25	19	Hex	2.28	57.9
UG-SF-19MM25	19	Hex	2.28	57.9
UG-CSF-19MM25	19	Hex	2.28	57.9
UG-FL-19MM25	19	Hex	2.28	57.9
UG-19MM35	19	Hex	3.28	83.3
UG-19MM35-D	19	Double Hex	3.28	83.3
UG-SF-19MM35	19	Hex	3.28	83.3
UG-20MM15	20	Hex	1.53	38.9
UG-SF-20MM15	20	Hex	1.53	38.9
UG-20MM25	20	Hex	2.28	57.9
UG-20MM25-D	20	Double Hex	2.28	57.9
UG-21MM15	21	Hex	1.53	38.9
UG-21MM15-D	21	Double Hex	1.53	38.9
UG-21MM45	21	Hex	1.53	38.9
UG-21MM45-D	21	Double Hex	1.53	38.9
UG-SF-21MM15	21	Hex	1.53	38.9
UG-SF-21MM45	21	Hex	1.53	38.9
UG-21MM25	21	Hex	2.28	57.9
UG-SF-21MM25	21	Hex	2.28	57.9
UG-21MM25-D	21	Double Hex	2.28	57.9
UG-21MM55	21	Hex	3.28	83.3
UG-SF-21MM55	21	Hex	3.28	83.3

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-M-8MM15	8	Hex	1.53	38.9
UG-M-11MM15	11	Hex	1.53	38.9
UG-M-13MM15	13	Hex	1.53	38.9
UG-M-13MM45	13	Hex	1.53	38.9
UG-MSF-13MM15	13	Hex	1.53	38.9
UG-SWMFL-13MM15	13	Hex	1.53	38.9
UG-M-13MM25	13	Hex	2.28	57.9
UG-MB-13MM25	13	Hex	2.28	57.9
UG-MBSF-13MM25	13	Hex	2.28	57.9
UG-M-13MM35	13	Hex	3.28	83.3
UG-M-13MM55	13	Hex	3.28	83.3
UG-MB-13MM35	13	Hex	3.28	83.3
UG-MB-13MM55	13	Hex	3.28	83.3
UG-MBSF-13MM35	13	Hex	3.28	83.3
UG-M-14MM15	14	Hex	1.53	38.9
UG-MSF-14MM15	14	Hex	1.53	38.9
UG-MBSF-14MM25	14	Hex	2.28	57.9
UG-MB-14MM25	14	Hex	2.28	57.9
UG-MB-14MM25-D	14	Double Hex	2.28	57.9
UG-M-15MM15	15	Hex	1.53	38.9
UG-M-15MME5	15	Hex	1.53	38.9
UG-MSF-15MM15	15	Hex	1.53	38.9
UG-SWMSF-15MM15	15	0	1.53	38.9
UG-SWM-15MM25	15	Hex	2.25	57.2
UG-M-15MM25	15	Hex	2.28	57.9
UG-MB-15MM25	15	Hex	2.28	57.9
UG-MSF-15MM25	15	Hex	2.28	57.9
UG-SM-15MM25	15	Hex	2.28	57.9
UG-M-15MM35-D	15	Double Hex	3.28	83.3
UG-M-15MM45	15	Hex	3.28	83.3
UG-M-15MM55	15	Hex	3.28	83.3
UG-MB-15MM35	15	Hex	3.28	83.3
UG-MSF-15MM35	15	Hex	3.28	83.3
UG-SM-15MM35	15	Hex	3.28	83.3
UG-M-16MM15	16	Hex	1.53	38.9
UG-M-16MM45	16	Hex	1.53	38.9
UG-MSF-17MM15	17	Hex	0.59	15
UG-M-17MM45	17	Hex	1.53	38.9
UG-MCBC-17MM15	17	Hex	1.53	38.9
UG-MSF-17MM45	17	Hex	1.53	38.9
UG-M-17MM15	17	Hex	1.53	38.9
UG-M-17MM15-D	17	Double Hex	1.53	38.9
UG-MB-17MM25	17	Hex	2.28	57.9
UG-MB-17MM35	17	Hex	3.28	83.3
UG-MB-17MM55	17	Hex	3.28	83.3
UG-M-18MM15	18	Hex	1.53	38.9
UG-MSF-18MM15	18	Hex	1.53	38.9
UG-SM-18MM25	18	Hex	1.53	38.9
UG-M-18MM25	18	Hex	2.28	57.9
UG-MB-18MM25	18	Hex	2.28	57.9
UG-M-18MM35	18	Hex	3.28	83.3

UGS SERIES SOCKETS

1/2" SQUARE DRIVE SOCKETS, METRIC, MAGNETIC (CONTINUED)

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-MB-18MM35	18	Hex	3.28	83.3
UG-SM-18MM35	18	Hex	3.28	83.3
UG-MSF-18MM45	18	Hex	3.53	89.7
UG-M-19MM15	19	Hex	1.53	38.9
UG-M-21MM15	21	Hex	1.53	38.9
UG-MSF-21MM15	21	Hex	1.53	38.9
UG-M-21MM25	21	Hex	2.28	57.9
UG-MB-21MM25	21	Hex	2.28	57.9

5/8" SQUARE DRIVE SOCKETS, SAE, NON-MAGNETIC

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-FL-6324	3/4	Hex	2.03	51.6
UG-SF-6324	3/4	Hex	2.03	51.6
UG-6324	3/4	Hex	3.53	89.7
UG-SF-6326	13/16	Hex	2.03	51.6
UG-6326	13/16	Hex	3.53	89.7
UG-6326-D	13/16	Double Hex	3.53	89.7

5/8" SQUARE DRIVE SOCKETS, METRIC, NON-MAGNETIC

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-CSF-18MM36	18	Hex	3.53	89.7
UG-SF-19MM36	19	Hex	2.03	51.6
UG-VFSF-132-19MM	19	Hex	3.5	88.9
UG-FL-21MM36	21	Hex	2.03	51.6
UG-SF-21MM36	21	Hex	2.03	51.6
UG-21MM36	21	Hex	3.53	89.7

5/8" SQUARE DRIVE SOCKETS, METRIC, MAGNETIC

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-M-21MM36	21	Hex	2.03	51.6

3/4" SQUARE DRIVE SOCKETS, SAE, NON-MAGNETIC

Part Number	Fastener End Size MM.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-7340	11/4	Hex	4.03	102.4

3/4" SQUARE DRIVE SOCKETS, METRIC, NON-MAGNETIC

Part Number	Fastener End Size IN.	Fastener End Shape	Overall Length	
			IN.	MM.
UG-VGSF-41-19MM	19	Hex	3.5	88.9
UG-VGSF-60-21MM	21	Hex	4.03	102.4
UG-VGSF-43-22MM	22	Hex	4.03	102.4
UG-SF-30MM37	30	Hex	4.03	102.4
UG-30MM37	30	Hex	4.03	102.4
UG-SF-32MM37	32	Hex	4.03	102.4
UG-32MM37	32	Hex	4.03	102.4

3/8" FEMALE SQUARE SERVICE DRIVE TORX BIT

Part Number	Fastener End Size IN.	Overall Length	
		IN.	MM.
UG-834-TX-45-5	T45	5	127
UG-834-TX-50	T50	2.65	67.3
UG-834-TX-50R	T50	2.65	67.3

UGS SERIES EXTENSIONS & ADAPTERS

1/4" MALE HEX DRIVE EXTENSIONS WITH 1/4" MALE SQUARE

Part Number	Overall Length	
	IN.	MM.
UG-EX-250-2	2	50.8
UG-EX-250-3	3	76.2
UG-EX-250-4	4	101.6
UG-EX-250-5	5	127
UG-EX-250-6	6	152.4
UG-EX-250-8	8	203.2
UG-EX-250-10	10	254
UG-EX-250-12	12	304.8
UG-EX-250-18	18	457.2

1/4" MALE HEX DR. ADAPTERS WITH 3/8" MALE SQUARE

Part Number	Overall Length	
	IN.	MM.
UG-EX-370-2	2	50.8
UG-EX-370-B-2	2	50.8
UG-EX-370-3	3	76.2
UG-EX-370-B-3	3	76.2
UG-EX-370-4	4	101.6
UG-EX-370-B-4	4	101.6
UG-EX-370-5	5	127
UG-EX-370-6	6	152.4
UG-EX-370-8	8	203.2
UG-EX-370-10	10	254

UGS SERIES EXTENSIONS & ADAPTERS

1/4" FEMALE SQ. DR. EXTENSIONS WITH 1/4" MALE SQUARE

Part Number	Overall Length	
	IN.	MM.
UG-EX-255-2	2	50.8
UG-HA-15608	2	50.8
UG-HA-15608-2X-2	2	50.8
UG-EX-255-B-2	2	50.8
UG-EX-255-3	3	76.2
UG-EX-255-4	4	101.6
UG-HA-15608-2X-4	4	101.6
UG-EX-255-B-4	4	101.6
UG-EX-255-6	6	152.4
UG-HA-15608-2X-6	6	152.4
UG-EX-255-B-6	6	152.4
UG-EX-255-8	8	203.2
UG-EX-255-10	10	254
UG-EX-255-12	12	304.8
UG-HA-15608-2X-14	14	355.6
UG-EX-255-18	18	457.2

3/8" FEMALE SQ. DR. ADAPTERS WITH 1/4" MALE SQUARE

Part Number	Overall Length	
	IN.	MM.
UG-EX-257-2	2	50.8
UG-EX-257-4	4	101.6
UG-EX-257-5	5	127
UG-EX-257-6	6	152.4

3/8" FEMALE SQ. DR. ADAPTERS WITH 1/2" MALE SQUARE

Part Number	Overall Length	
	IN.	MM.
UG-EX-503	1.5	38.1
UG-EX-503-B	1.5	38.1

3/8" FEMALE SQUARE DRIVE ADAPTERS WITH 5/8" MALE SQUARE

Part Number	Overall Length	
	IN.	MM.
UG-EX-622	1.53	38.1

3/8" FEMALE SQ. DR. EXT. WITH 3/8" MALE SQUARE

Part Number	Overall Length	
	IN.	MM.
UG-EX-374	1.4	35.6
UG-EX-374-B	1.4	35.6
UG-EX-376-2	2	50.8
UG-EX-376-B-2	2	50.8
UG-EX-376-3	3	76.2
UG-EX-376-B-3	3	76.2
UG-EX-376-4	4	101.6
UG-EX-376-B-4	4	101.6
UG-HC-8612-4	4	101.6
UG-EX-376-5	5	127
UG-EX-376-B-5	5	127
UG-EX-376-6	6	152.4
UG-EX-376-B-6	6	152.4
UG-EX-376-8	8	203.2
UG-EX-376-B-8	8	203.2
UG-EX-376-9	9	228.6
UG-EX-376-B-9	9	228.6
UG-EX-376-10	10	254
UG-EX-376-B-10	10	254
UG-EX-376-12	12	304.8
UG-EX-376-B-12	12	304.8
UG-EX-376-15	15	381
UG-HC-22712-15	15.3	388.6
UG-EX-376-18	18	457.2
UG-EX-376-24	24	609.6
UG-EX-376-36	36	914.4

7/16" MALE HEX POWER DR. ADAPTERS WITH 1/2" MALE SQUARE

Part Number	Overall Length	
	IN.	MM.
UG-EX-501-2	2	50.8
UG-EX-501-3	3	76.2
UG-EX-501-4	4	101.6
UG-EX-501-6	6	152.4

7/16" MALE HEX DR. ADAPTERS WITH 3/8" MALE SQUARE

Part Number	Overall Length	
	IN.	MM.
UG-EX-371-2	2	50.8
UG-EX-371-3	3	76.2
UG-EX-371-4	4	101.6
UG-EX-371-6	6	152.4

1/2" FEMALE SQ. DRIVE ADAPTERS WITH 3/8" MALE SQ.

Part Number	Overall Length	
	IN.	MM.
UG-EX-377-2	2	50.8
UG-EX-377-B-3	3	76.2
UG-EX-377-4	4	101.6
UG-EX-377-M-4	4	101.6
UG-EX-377-6	6	152.4
UG-EX-377-B-6	6	152.4
UG-EX-377-8	8	203.2
UG-EX-377-12	12	304.8
UG-EX-377-B-12	12	304.8

UGS SERIES EXTENSIONS & ADAPTERS

1/2" FEMALE SQ. DRIVE ADAPTERS WITH 3/8" MALE SQ.

Part Number	Overall Length	
	IN.	MM.
UG-EX-377-2	2	50.8
UG-EX-377-B-3	3	76.2
UG-EX-377-4	4	101.6
UG-EX-377-M-4	4	101.6
UG-EX-377-6	6	152.4
UG-EX-377-B-6	6	152.4
UG-EX-377-8	8	203.2
UG-EX-377-12	12	304.8
UG-EX-377-B-12	12	304.8

1/2" FEMALE SQ. DRIVE EXTENSIONS

Part Number	Overall Length	
	IN.	MM.
UG-EX-508-8	8	203.2
UG-EX-508-B-8	8	203.2
UG-HE-25316	8	203.2
UG-HE-25316-2X-8	8	203.2
UG-EX-508-9	9	228.6
UG-EX-508-10	10	254
UG-EX-508-B-10	10	254
UG-EX-508-12	12	304.8
UG-EX-508-B-12	12	304.8
UG-EX-508-15	15	381
UG-EX-508-16	16	406.4
UG-EX-508-18	18	457.2
UG-EX-508-20	20	508
UG-EX-508-36	36	914.4

UGS SERIES BIT HOLDERS

1/4" MALE HEX POWER DRIVE BIT HOLDERS, MAGNETIC

Part Number	Overall Length		Hex Insert Bit Size. IN. Shape	
	IN.	MM.	IN.	Shape
UG-M-490	3.59	91.2	1/4	Hex
UG-M-490-4	4.59	116.6	1/4	Hex
UG-M-490-6	6.59	167.4	1/4	Hex
UG-M-490-8	8.59	218.2	1/4	Hex
UG-M-490-14	14.59	370.6	1/4	Hex

1/4" FEMALE SQUARE DRIVE BIT HOLDERS, NON-MAGNETIC

Part Number	Overall Length		Hex Insert Bit Size. IN. Shape	
	IN.	MM.	IN.	Shape
UG-825	1.03	26.2	1/4	Hex

1/4" FEMALE SQUARE DRIVE BIT HOLDERS, MAGNETIC

Part Number	Overall Length		Hex Insert Bit Size. IN. Shape	
	IN.	MM.	IN.	Shape
UG-M-825-EB	2.46	62.5	1/4	Hex
UG-M-825	2.9	73.7	1/4	Hex

3/8" FEMALE SQ. DRIVE BIT HOLDERS, NON-MAGNETIC

Part Number	Overall Length		Hex Insert Bit Size. IN. Shape	
	IN.	MM.	IN.	Shape
UG-838	1.53	38.9	1/4	Hex
UG-835	1.53	38.9	5/16	Hex

3/8" FEMALE SQUARE DRIVE BIT HOLDER, MAGNETIC

Part Number	Overall Length		Hex Insert Bit Size. IN. Shape	
	IN.	MM.	IN.	Shape
UG-M-835	3.55	90.2	5/16	Hex

1/2" FEMALE SQ DRIVE BIT HOLDER, NON- MAGNETIC

Part Number	Overall Length		Hex Insert Bit Size. IN. Shape	
	IN.	MM.	IN.	Shape
UG-855	1.78	45.2	5/16	Hex

1/2" FEMALE SQ. DRIVE BIT HOLDERS, MAGNETIC

Part Number	Overall Length		Hex Insert Bit Size. IN. Shape	
	IN.	MM.	IN.	Shape
UG-M-858	3.26	82.8	1/4	Hex
UG-M-855	3.55	90.2	5/16	Hex

UGH SERIES

MALE HEX DR. TO MALE SQUARE ADAPTERS, SAE

Part Number	Hex Drive IN.	Male Square IN.	Overall Length IN.	MM.
NC-EX-370-8	1/4	3/8	8	203.2
NC-EX-500-3	1/4	1/2	3	76.2
NC-EX-500-4	1/4	1/2	4	101.6
NC-EX-500-B-4	1/4	1/2	4	101.6
NC-EX-500-6	1/4	1/2	6	152.4
NC-EX-380-4	5/16	3/8	4	101.6
NC-EX-251-6	7/16	1/4	6	152.4
NC-EX-251-10	7/16	1/4	10	254
NC-EX-501-5	7/16	1/2	5	127
NC-EX-501-8-NY	7/16	1/2	8	203.2
NC-EX-501-10-NY	7/16	1/2	10	254
NC-EX-501-12-NY	7/16	1/2	12	304.8
NC-EX-501-15-NY	7/16	1/2	15	381
NC-EX-757-3	7/16	3/4	3	76.2
NC-EX-502-6	5/8	1/2	6	152.4
NC-EX-502-8	5/8	1/2	8	203.2
NC-EX-758-4	5/8	3/4	4	101.6

FEMALE SQ. DR. TO MALE SQUARE ADAPTERS, SAE

Part Number	Female Square IN.	Male Square IN.	Overall Length IN.	MM.
NC-EX-372	1/4	3/8	1	25.4
NC-EX-254	3/8	1/4	1.25	31.8
NC-EX-254-B	3/8	1/4	1.25	31.8
NC-EX-257-12-NY	3/8	1/4	12	304.8
NC-EX-257-2	3/8	1/4	2	50.8
NC-EX-257-3	3/8	1/4	3	76.2
NC-EX-257-8	3/8	1/4	8	203.2
NC-EX-507-2	3/8	1/2	2	50.8
NC-EX-507-3	3/8	1/2	3	76.2
NC-EX-507-6	3/8	1/2	6	152.4
EX-507-8-NC	3/8	1/2	8	203.2
NC-EX-260-2	1/2	1/4	2	50.8
NC-EX-260-4	1/2	1/4	4	101.6
NC-EX-377-B-2	1/2	3/8	2	50.8
NC-EX-377-3	1/2	3/8	3	76.2
NC-EX-751-B	1/2	3/4	1.81	46
NC-EX-505	5/8	1/2	1.87	47.5
NC-EX-505-B	5/8	1/2	1.88	47.7
NC-EX-510-19.5-NY	3/4	1/2	19.5	495.3
NCEX-510-19.688NY	3/4	1/2	19.68	500.1
NC-EX-506	3/4	1/2	2	50.8
NC-EX-506-B	3/4	1/2	2	50.8
NC-EX-510-4	3/4	1/2	4	101.6
NC-EX-510-6	3/4	1/2	6	152.4
NC-EX-510-8	3/4	1/2	8	203.2
NC-EX-628-14	3/4	5/8	14	355.6
NC-EX-625	3/4	5/8	2	50.8
NC-EX-756-10	1	3/4	10.25	260.4

FEMALE SQ. DR. TO MALE SQUARE EXTENSIONS, SAE

Part Number	Female Square IN.	Male Square IN.	Overall Length IN.	MM.
NC-EX-255-6	1/4	1/4	6	152.4
NC-EX-374-B	3/8	3/8	1.37	34.8
NC-EX-376-3	3/8	3/8	3	76.2
NC-EX-376-4-NY	3/8	3/8	4	101.6
NC-EX-504	1/2	1/2	1.71	43.4
NC-EX-504-B	1/2	1/2	1.72	43.6
NC-EX-753	3/4	3/4	2.25	57.2
NC-EX-753-B	3/4	3/4	2.25	57.2
NC-EX-755-3	3/4	3/4	3	76.2
NC-EX-755-4	3/4	3/4	4	101.6
NC-EX-755-6	3/4	3/4	6	152.4
NC-EX-755-B-6	3/4	3/4	6	152.4
ORNC-EX-755-6	3/4	3/4	6	152.4
NC-EX-755-8	3/4	3/4	8	203.2
NC-EX-755-B-8	3/4	3/4	8	203.2
NC-EX-755-10	3/4	3/4	10	254
NCO-EX-755-10	3/4	3/4	10	254
ORNC-EX-755-10	3/4	3/4	10	254
NC-EX-755-12	3/4	3/4	12	304.8
NC-EX-755-15	3/4	3/4	15	381
NC-EX-1003-18	1	1	18	457.2

FEMALE SQUARE DRIVE, QUICK RELEASING CHUCKS

Part Number	Drive Size IN.	Fastener End Size IN.	End Shape	Overall Length IN.	MM.
NC-QR-108	1/4	1/4	Hex	1.5	38.1
NC-QR-308	3/8	1/4	Hex	1.75	44.5
NC-QR-508	3/8	1/4	Hex	2.125	54
NC-QR-514	1/2	7/16	Hex	2.125	54
NC-QR-520	1/2	5/8	Hex	2.625	66.7
NC-QR-720	3/4	5/8	Hex	3.125	79.4

1/4" FEMALE HEX DRIVE, QUICK RELEASING CHUCK

Part Number	Fastener End Size MM.	End Shape	Overall Length IN.	MM.
NC-MRQRS-108-10MM	10	Hex	1.56	39.6

FEMALE SQ, DR. BIT HOLDERS/ADAPTERS WITH SET SCREW

Part Number	Drive Size IN.	Fastener Size IN.	End Shape	Overall Length IN.	MM.
NC-SC-108	1/4	1/4	Hex	1.31	33.3
NC-SC-308	3/8	1/4	Hex	1.58	40.1
NC-SC-308-2344A	3/8	1/4	Hex	2.34	59.5
NC-SC-308-425A	3/8	1/4	Hex	4.25	108
NC-SC-308-675A	3/8	1/4	Hex	6.75	171.5
NC-SC-314	3/8	7/16	Hex	1.45	36.9
NC-SC-508	1/2	1/4	Hex	1.58	40.1
NC-SC-514	1/2	7/16	Hex	1.7	43.1
NC-SC-514-4032	1/2	7/16	Hex	4.03	102.4
NC-zv	1/2	5/8	Hex	1.58	40.1

1/4" MALE HEX DRIVE NUTSETTERS METRIC & SAE

Part Number	Fastener End Size MM.	End Shape	Overall Length IN.	MM.
NCO-6N-08-6M-5	6	Female Hex	1.31	5
NCO-6N-08-7M-3	7	Female Hex	1.58	3.04
NC-M6N-0810-6	5/16	Female Hex	2.34	6.04
NCO-6N-08-8M-3	8	Female Hex	4.25	3.04
MNC6N-08-8M-4	8	Female Hex	6.75	4
NCO-6N-08-8M-4	8	Female Hex	1.45	4.04
NCO-6N-08-8M-5	8	Female Hex	1.58	5.04
MDA-10MM-NC	10	Female Hex	1.7	1.84
MNC6N-08-10M-3	10	Female Hex	4.03	3
MNC6N-08-10M-4	10	Female Hex	1.58	4
SMNC6B-08-10M-4	10	Female Hex		4
MNC6N-08-10M-6	10	Female Hex		6
MNC6N-08-10M-6	10	Female Hex		6
SMNC6B-08-10M-6	10	Female Hex		6
MNC6N-08-10M-8	10	Female Hex		8
MNC6N-08-22M-4	22	Female Hex		4.06

1/4" MALE HEX DRIVE BIT HOLDERS

Part Number	Fastener End Size MM.	End Shape	Overall Length IN.	MM.
NC-490-3	1/4	Female Hex	3	76.2
NC-490-4	1/4	Female Hex	4	101.6
NC-490-9	1/4	Female Hex	9	304.8

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3/8" FEMALE SQUARE DRIVE STUD SETTERS

Part Number	Fastener End Size		Overall Length	
	IN.	Thread	IN.	MM.
NC-WJ-1271-M6X1.0	3/8	M6	1.95	49.6
NC-WJ-1271-M7X1.0	3/8	M7	1.95	49.6
NC-WJ-1271-M8X1.0	3/8	M8	1.95	49.6
NC-WJ-1271-M8X1.25	3/8	M8	1.95	49.6
NC-WJ-1271	3/8	M10	1.89	48.1

1/4" FEMALE SQUARE DRIVE SOCKET, MAGNETIC, SAE

Part Number	Fastener End Size		Overall Length	
	IN.	Shape	IN.	MM.
MNC-1208	1/4	Hex	1.81	46.05

3/8" FEMALE SQUARE DRIVE SOCKETS, MAGNETIC, SAE

Part Number	Fastener End Size		Overall Length	
	IN.	Shape	IN.	MM.
NC-M-3112	3/8	Hex	1.33	33.7
MBNC-3512	3/8	Hex	2	50.8
NC-MB-3314	7/16	Hex	3.57	90.9

1/4" FEMALE SQ. DRIVE SOCKETS, NON-MAGNETIC, SAE

Part Number	Fastener End Size		Overall Length	
	IN.	Shape	IN.	MM.
NC-1308-D-NY	1/4	Double Hex	3.07	78.2
NC-1112	3/8	Hex	1	25.4
NC-1212	3/8	Hex	1.81	46

3/8" FEMALE SQ. DRIVE SOCKETS, NON-MAGNETIC, SAE

Part Number	Fastener End Size		Overall Length	
	IN.	Shape	IN.	MM.
NC-3108	1/4	Hex	1.3	33.1
NC-3208	1/4	Hex	2.1	53.3
NC-3010	5/16	Hex	.938	23.8
NC-3310	5/16	Hex	3.555	90.3
NC-3411	11/32	Hex	1.327	33.7
NC-3112	3/8	Hex	1.312	33.3
NC-3212	3/8	Hex	2	50.8
NC-3512-NY	3/8	Hex	2.08	52.8
NC-3312	3/8	Hex	3.555	90.3
NC-3014	7/16	Hex	.947	24.1
NC-3414	7/16	Hex	1.5	38.1
MNC-3114	7/16	Hex	1.58	40.1
NC-3114	7/16	Hex	1.58	40.1
NC-3114-D	7/16	Double Hex	1.58	40.1
NC-3514-NY	7/16	Hex	2.077	52.8
NC-3316	1/2	Hex	3.577	90.9
NC-3316-NY	1/2	Hex	3.577	90.9
NC-3018	9/16	Hex	.952	24.18
NC-3018-NY	9/16	Hex	.952	24.18
NC-3518	9/16	Hex	2	50.8
NC-3120	5/8	Hex	1.58	40.1
NC-3220	5/8	Hex	2.08	52.8
NC-3320	5/8	Hex	3.58	90.9
NC-3024	3/4	Hex	1.07	27.2
NC-3224	3/4	Hex	2.08	52.8
NC-3324	3/4	Hex	3.58	90.9
NC-3326-D	13/16	Double Hex	3.58	90.9
NC-3028	7/8	Hex	1.08	27.4
NC-3428	7/8	Hex	1.5	38.1
NC-3228	7/8	Hex	2.08	52.8

1/2" FEMALE SQUARE DRIVE SOCKETS, NON-MAGNETIC, SAE

Part Number	Fastener End Size		Overall Length	
	IN.	Shape	IN.	MM.
NC-SF-5110	5/16	Hex	1.58	40.1
NC-5112	3/8	Hex	1.53	38.9
NC-SF-5112	3/8	Hex	1.58	40.1
NC-5212	3/8	Hex	2.33	59.1
NC-5116	1/2	Hex	1.58	40.1
NC-SF-5116	1/2	Hex	1.58	40.1
NC-SF-5316	1/2	Hex	3.34	84.5
NC-SF-5418	9/16	Hex	1.58	40.1
NC-5220	5/8	Hex	2.33	59.1
NC-5320	5/8	Hex	3.327	84.5
NC-5424	3/4	Hex	1.58	40.1
NC-SF-5424	3/4	Hex	1.58	40.1
NC-5626	13/16	Square	1.58	40.1
NC-5128	7/8	Hex	1.5	38.1
NC-5128-A	7/8	Hex	1.58	40.1
NC-5428-D	7/8	Double Hex	1.58	40.1
NC-5528	7/8	Hex	3.58	90.9
NC-5230	15/16	Hex	2.327	59.11
NC-5132	1	Hex	1.5	38.1
NC-5134	11/16	Hex	1.7	43.1
NC-5436	11/8	Hex	1.7	43.2
NC-5140	11/4	Hex	1.83	46.4
NC-5140-D	11/4	Double Hex	1.83	46.4
NC-5152-D	15/8	Double Hex	2.077	52.8

3/4" FEMALE SQ. DRIVE SOCKETS, NON-MAGNETIC, SAE

Part Number	Fastener End Size		Overall Length	
	IN.	Shape	IN.	MM.
NC-7324	3/4	Hex	4	101.6
NC-7524	3/4	Hex	4.08	103.6
NC-7130	15/16	Hex	2.08	52.8
NC-7136	11/8	Hex	2.20	55.9

1" FEMALE SQ. DRIVE SOCKETS, NON-MAGNETIC, SAE

Part Number	Fastener End Size		Overall Length	
	IN.	Shape	IN.	MM.
NC-8224	3/4	Hex	3	76.2
NC-8636	11/8	Square	2.35	59.7
NC-8148-NY	11/2	Square	2.327	59.1

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1/4" FEMALE SQUARE DRIVE SOCKETS, MAGNETIC, METRIC

Part Number	Fastener End Size MM.	Shape	Overall Length	
			IN.	MM.
NC-MB-5.5MM21	5.5	Hex	1.83	46.4
NC-M-6MM21	6	Hex	1.79	45.5
NC-MB-6MM21	6	Hex	1.83	46.4
NC-M-10MM21-NY	10	Hex	1.83	46.4
NC-MB-10MM21	10	Hex	1.83	46.4
NC-M-13MM21	13	Hex	1.83	46.4
NC-MB-13MM21	13	Hex	1.83	46.4

3/8" FEMALE SQ. DRIVE SOCKETS, MAGNETIC, METRIC

Part Number	Fastener End Size MM.	Shape	Overall Length	
			IN.	MM.
NC-M-6MM13	6	Hex	1.33	33.7
NCO-MB-6MM23	6	Hex	2.08	52.8
SWMSF-7MM23-NC	7	Hex	2.08	52.8
NC-M-8MM43	8	Hex	1.33	33.7
NCO-M-8MM43	8	Hex	1.33	33.7
OSMB-8MM23-NC	8	Hex	2.12	53.9
NC-OSMB-10MM23	10	Hex	2.08	52.8
NC-MB-11MM33-NY	11	Hex	3.58	90.9
SWMSF-12MM13-NC	12	Hex	1.58	40.1
SWMSF-12MM23-NC	12	Hex	2.05	52.1
NCW-M-13MM23	13	Hex	2.08	52.8
NC-MB-13MM23-NY	13	Hex	2.08	52.8
NC-MB-13MM33-NY	13	Hex	3.58	90.9
NC-M-14MM13	14	Hex	1.58	40.1
NC-MB-14MM23	14	Hex	2	50.8
NC-MB-15MM23-NY	15	Hex	2.08	52.8
NC-MB-16MM23	16	Hex	2.08	52.8
NC-M-17MM13-D	17	Double Hex	1.58	40.1

1/2" FEMALE SQUARE DRIVE SOCKETS, MAGNETIC, METRIC

Part Number	Fastener End Size MM.	Shape	Overall Length	
			IN.	MM.
NC-M-10MM15	10	Hex	1.58	40.1
NC-MB-16MM25	16	Hex	2.33	59.1
NC-MSF-16MM35-NY	16	Hex	3.33	84.5
NC-MSF-18MM15-NY	18	Hex	1.58	40.1
NC-MBSF-18MM25-NY	18	Hex	2.25	57.2

5/8" FEMALE SQUARE DRIVE SOCKET, MAGNETIC, METRIC

Part Number	Fastener End Size MM.	Shape	Overall Length	
			IN.	MM.
NC-M-18MM16	18	Hex	1.95	49.6

3/8" FEMALE SQ. DR. TORX SOCKETS, MAGNETIC

Part Number	Drive Size IN.	Fastener End Size	Overall Length	
			IN.	MM.
NC-MTX-3112	3/8	E12	1.3	33.7
NC-MTX-5116-NY	1/2	E16	1.58	40.1
NC-MTX-5118-NY	1/2	E18	1.58	40.1
NC-MTX-5120-NY	1/2	E20	1.58	40.1

1/4" FEMALE SQ. DR. TORX SOCKETS, NON-MAGNETIC

Part Number	Fastener End Size	Overall Length	
		IN.	MM.
NC-TX-1105	E5	1.08	27.4
NC-TX-1108	E8	1.08	27.4

3/8" FEMALE SQ. DR. TORX SOCKETS, NON-MAGNETIC

Part Number	Fastener End Size	Overall Length	
		IN.	MM.
NCO-TX-3105	E5	1.3	33.7
NC-TX-3106	E6	1.3	33.7
NC-TX-3107	E7	1.3	33.7
NC-TX-3407	E7	1.37	34.9
NC-TXC-2708	E8	4.72	120
NC-TX-3410	E10	1.3	32.9
NC-TX-3112	E12	1.25	31.8
NCO-TX-3414	E14	1.33	33.7

1/2" FEMALE SQ. DRIVE TORX SOCKETS, NON-MAGNETIC

Part Number	Fastener End Size	Overall Length	
		IN.	MM.
NC-TX-5408	E8	1.55	39.2
NC-TX-5110	E10	1.58	40.1
NC-TX-5112	E12	1.58	40.1
TXNC-5114	E14	1.5	38.1
NC-TX-5414	E14	1.56	39.7
NC-TX-5114	E14	1.58	40.1
NC-TX-5116	E16	1.58	40.1
NC-TX-5118	E18	1.58	40.1
NC-TX-5120	E20	1.58	40.1

3/4" FEMALE SQ. DR. TORX SOCKETS, NON-MAGNETIC

Part Number	Fastener End Size	Overall Length	
		IN.	MM.
NC-TX-7120	E20	2.08	52.8
NC-TX-7124	E24	2.08	52.8