

ARMSTRONG® 6 Pc. 1/2" Drive 6 Point SAE Impact Socket Set

- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME Specification B107.2-2002 and US Federal Specification GGG-W-660a



Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
20-889	781412208894	Boxed	1.54 lb	1

Cat. No.	Description	Cat. No.	Description
16-831	9" Socket Rail Steel	20-020	1/2" Drive 6 Point Impact Socket 5/8"
16-845	1/2" Drive Socket Clips Steel	20-022	1/2" Drive 6 Point Impact Socket 11/16"
20-016	1/2" Drive 6 Point Impact Socket 1/2"	20-024	1/2" Drive 6 Point Impact Socket 3/4"
20-018	1/2" Drive 6 Point Impact Socket 9/16"	20-026	1/2" Drive 6 Point Impact Socket 13/16"

1 / 2 "

ARMSTRONG® 8 Pc. 1/2" Drive 6 Point SAE Deep Impact Socket Set

- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME Specification B107.2-2002 and US Federal Specification GGG-W-660a



Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
20-897D	781412208979	Boxed	2.70 lb	1

Cat. No.	Description	Cat. No.	Description
16-831	9" Socket Rail Steel	20-222	1/2" Drive 6 Point Deep Impact Socket 11/16"
16-845	1/2" Drive Socket Clips Steel	20-224	1/2" Drive 6 Point Deep Impact Socket 3/4"
20-216	1/2" Drive 6 Point Deep Impact Socket 1/2"	20-226	1/2" Drive 6 Point Deep Impact Socket 13/16"
20-218	1/2" Drive 6 Point Deep Impact Socket 9/16"	20-228	1/2" Drive 6 Point Deep Impact Socket 7/8"
20-220	1/2" Drive 6 Point Deep Impact Socket 5/8"	20-230	1/2" Drive 6 Point Deep Impact Socket 15/16"

IMPACT SOCKETS 4

ARMSTRONG® 9 Pc. 1/2" Drive 6 Point SAE Impact Universal Socket Set

- Made in the USA - Quality and Availability
- Unique Pinless "4 Lug" Design for Strength, Durability, and Safety
- True 360 Degree Rotation of the Socket End for Extended Range of Motion and Smooth Operation
- Reversed Ball Design Allows for A Smaller Socket End for Access to Restricted Fasteners
- Maximum Operation Angle of 30 Degrees
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME Specification B107.2-2002 and US Federal Specification GGG-W-660a



Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
20-899D	781412208993	Boxed	0.64 lb	1

Cat. No.	Description	Cat. No.	Description
16-834	13" Socket Rail Steel	20-574	1/2" Drive 6 Point Armstrong MAXX Universal Impact Socket 3/4"
16-845	1/2" Drive Socket Clips Steel	20-576	1/2" Drive 6 Point Armstrong MAXX Universal Impact Socket 13/16"
20-566	1/2" Drive 6 Point Armstrong MAXX Universal Impact Socket 1/2"	20-578	1/2" Drive 6 Point Armstrong MAXX Universal Impact Socket 7/8"
20-568	1/2" Drive 6 Point Armstrong MAXX Universal Impact Socket 9/16"	20-580	1/2" Drive 6 Point Armstrong MAXX Universal Impact Socket 15/16"
20-570	1/2" Drive 6 Point Armstrong MAXX Universal Impact Socket 5/8"	20-582	1/2" Drive 6 Point Armstrong MAXX Universal Impact Socket 1"
20-572	1/2" Drive 6 Point Armstrong MAXX Universal Impact Socket 11/16"		

ARMSTRONG® 11 Pc. 1/2" Drive 6 Point SAE Impact Socket Set

- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME Specification B107.2-2002 and US Federal Specification GGG-W-660a



Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
20-893	781412208931	Boxed	22.90 lb	1

Cat. No.	Description	Cat. No.	Description
16-835	17" Socket Rail Steel	20-026	1/2" Drive 6 Point Impact Socket 13/16"
16-845	1/2" Drive Socket Clips Steel	20-028D	1/2" Drive 6 Point Impact Socket 7/8"
20-016	1/2" Drive 6 Point Impact Socket 1/2"	20-030	1/2" Drive 6 Point Impact Socket 15/16"
20-018	1/2" Drive 6 Point Impact Socket 9/16"	20-032	1/2" Drive 6 Point Impact Socket 1"
20-020	1/2" Drive 6 Point Impact Socket 5/8"	20-034D	1/2" Drive 6 Point Impact Socket 1-1/16"
20-022	1/2" Drive 6 Point Impact Socket 11/16"	20-036D	1/2" Drive 6 Point Impact Socket 1-1/8"
20-024	1/2" Drive 6 Point Impact Socket 3/4"		

1 / 2 "

ARMSTRONG® 11 Pc. 1/2" Drive 6 Point SAE Impact Socket Set with Plastic Socket Rail

- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME Specification B107.2-2002 and US Federal Specification GGG-W-660a



Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
20-894	781412208948	Boxed	5.10 lb	1

Cat. No.	Description	Cat. No.	Description
16-838	15" Socket Rail Red Plastic	20-026	1/2" Drive 6 Point Impact Socket 13/16"
16-848	1/2" Drive Socket Clip	20-028D	1/2" Drive 6 Point Impact Socket 7/8"
20-016	1/2" Drive 6 Point Impact Socket 1/2"	20-030	1/2" Drive 6 Point Impact Socket 15/16"
20-018	1/2" Drive 6 Point Impact Socket 9/16"	20-032	1/2" Drive 6 Point Impact Socket 1"
20-020	1/2" Drive 6 Point Impact Socket 5/8"	20-034D	1/2" Drive 6 Point Impact Socket 1-1/16"
20-022	1/2" Drive 6 Point Impact Socket 11/16"	20-036D	1/2" Drive 6 Point Impact Socket 1-1/8"
20-024	1/2" Drive 6 Point Impact Socket 3/4"		

4 IMPACT SOCKETS

ARMSTRONG® 14 Pc. 1/2" Drive 6 Point SAE Impact Socket Set

■ Made in the USA - Quality and Availability



Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
20-891A	781412208917	Boxed	5.42 lb	1

Cat. No.	Description	Cat. No.	Description
20-012A	1/2" Drive 6 Point Impact Socket 3/8"	20-026A	1/2" Drive 6 Point Impact Socket 13/16"
20-014A	1/2" Drive 6 Point Impact Socket 7/16"	20-028A	1/2" Drive 6 Point Impact Socket 7/8"
20-016A	1/2" Drive 6 Point Impact Socket 1/2"	20-030A	1/2" Drive 6 Point Impact Socket 15/16"
20-018A	1/2" Drive 6 Point Impact Socket 9/16"	20-032A	1/2" Drive 6 Point Impact Socket 1"
20-020A	1/2" Drive 6 Point Impact Socket 5/8"	20-034A	1/2" Drive 6 Point Impact Socket 1-1/16"
20-022A	1/2" Drive 6 Point Impact Socket 11/16"	20-036A	1/2" Drive 6 Point Impact Socket 1-1/8"
20-024A	1/2" Drive 6 Point Impact Socket 3/4"	20-040A	1/2" Drive 6 Point Impact Socket 1-1/4"

ARMSTRONG® 14 Pc. 1/2" Drive 6 Point SAE Deep Impact Socket Set

■ Made in the USA - Quality and Availability



Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
20-895A	781412208955	Boxed	7.53 lb	1

Cat. No.	Description	Cat. No.	Description
20-212A	1/2" Drive 6 Point Deep Impact Socket 3/8"	20-226A	1/2" Drive 6 Point Deep Impact Socket 13/16"
20-214A	1/2" Drive 6 Point Deep Impact Socket 7/16"	20-228A	1/2" Drive 6 Point Deep Impact Socket 7/8"
20-216A	1/2" Drive 6 Point Deep Impact Socket 1/2"	20-230A	1/2" Drive 6 Point Deep Impact Socket 15/16"
20-218A	1/2" Drive 6 Point Deep Impact Socket 9/16"	20-232A	1/2" Drive 6 Point Deep Impact Socket 1"
20-220A	1/2" Drive 6 Point Deep Impact Socket 5/8"	20-234A	1/2" Drive 6 Point Deep Impact Socket 1-1/16"
20-222A	1/2" Drive 6 Point Deep Impact Socket 11/16"	20-236A	1/2" Drive 6 Point Deep Impact Socket 1-1/8"
20-224A	1/2" Drive 6 Point Deep Impact Socket 3/4"	20-240A	1/2" Drive 6 Point Deep Impact Socket 1-1/4"

ARMSTRONG 14 Pc. 1/2" Drive 6 Point Metric Impact Socket Set

- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME Specification B107.33M-2002



Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
47-893	781412478938	Boxed	4.20 lb	1

Cat. No.	Description	Cat. No.	Description
16-835	17" Socket Rail Steel	46-114	3/8" Drive 6 Point MAXX Impact Universal Socket 14mm
16-845	1/2" Drive Socket Clips Steel	46-115	3/8" Drive 6 Point MAXX Impact Universal Socket 15mm
46-110	3/8" Drive 6 Point MAXX Impact Universal Socket 10mm	46-116	3/8" Drive 6 Point MAXX Impact Universal Socket 16mm
46-111	3/8" Drive 6 Point MAXX Impact Universal Socket 11mm	46-117	3/8" Drive 6 Point MAXX Impact Universal Socket 17mm
46-112	3/8" Drive 6 Point MAXX Impact Universal Socket 12mm	46-118	3/8" Drive 6 Point MAXX Impact Universal Socket 18mm
46-113	3/8" Drive 6 Point MAXX Impact Universal Socket 13mm	46-119	3/8" Drive 6 Point MAXX Impact Universal Socket 19mm

1 / 2 "

ARMSTRONG 14 Pc. 1/2" Drive 6 Point Metric Deep Impact Socket Set

- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME Specification B107.33M-2002



Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
47-897	781412478976	Boxed	8.30 lb	1

Cat. No.	Description	Cat. No.	Description
16-835	17" Socket Rail Steel	47-216	1/2" Drive 6 Point Deep Impact Socket 16mm
16-845	1/2" Drive Socket Clips Steel	47-217	1/2" Drive 6 Point Deep Impact Socket 17mm
47-210D	1/2" Drive 6 Point Deep Impact Socket 10mm	47-218	1/2" Drive 6 Point Deep Impact Socket 18mm
47-211	1/2" Drive 6 Point Deep Impact Socket 11mm	47-219	1/2" Drive 6 Point Deep Impact Socket 19mm
47-212	1/2" Drive 6 Point Deep Impact Socket 12mm	47-220	1/2" Drive 6 Point Deep Impact Socket 20mm
47-213	1/2" Drive 6 Point Deep Impact Socket 13mm	47-221	1/2" Drive 6 Point Deep Impact Socket 21mm
47-214	1/2" Drive 6 Point Deep Impact Socket 14mm	47-222	1/2" Drive 6 Point Deep Impact Socket 22mm
47-215D	1/2" Drive 6 Point Deep Impact Socket 15mm	47-224	1/2" Drive 6 Point Deep Impact Socket 24mm

IMPACT SOCKETS 4

ARMSTRONG® 13 Pc. 1/2" Drive 6 Point Metric Impact Universal Socket Set

- Made in the USA - Quality and Availability
- Unique Pinless "4 Lug" Design for Strength, Durability, and Safety
- True 360 Degree Rotation of the Socket End for Extended Range of Motion and Smooth Operation
- Reversed Ball Design Allows for A Smaller Socket End for Access to Restricted Fasteners
- Maximum Operation Angle of 30 Degrees
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME Specification B107.33M-2002



Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
47-913	781412479133	Boxed	6.10 lb	1

Cat. No.	Description	Cat. No.	Description
16-834	13" Socket Rail Steel	47-116	1/2" Drive 6 Point MAXX Impact Universal Socket 16mm
16-845	1/2" Drive Socket Clips Steel	47-117	1/2" Drive 6 Point MAXX Impact Universal Socket 17mm
47-110	1/2" Drive 6 Point MAXX Impact Universal Socket 10mm	47-118	1/2" Drive 6 Point MAXX Impact Universal Socket 18mm
47-111	1/2" Drive 6 Point MAXX Impact Universal Socket 11mm	47-119	1/2" Drive 6 Point MAXX Impact Universal Socket 19mm
47-112	1/2" Drive 6 Point MAXX Impact Universal Socket 12mm	47-121	1/2" Drive 6 Point MAXX Impact Universal Socket 21mm
47-113	1/2" Drive 6 Point MAXX Impact Universal Socket 13mm	47-122	1/2" Drive 6 Point MAXX Impact Universal Socket 22mm
47-114D	1/2" Drive 6 Point MAXX Impact Universal Socket 14mm	47-124	1/2" Drive 6 Point MAXX Impact Universal Socket 24mm
47-115D	1/2" Drive 6 Point MAXX Impact Universal Socket 15mm		

ARMSTRONG® 3 Pc. 1/2" Drive Locking Impact Extension Set

- Made in the USA - Quality and Availability
- Incorporates A Pin on the Square Drive Providing Maximum Security Against Accidental Disengagement of the Socket, Safety
- Socket is Securely Locked to the Extension and Will Not Disengage Until Knurled Sleeve is Pulled, Safety and Convenience
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability



Cat. No.	UPC No.	Packaging	Male Drive Size	Female Drive Size	Product Weight	Shelf Pack Qty.
20-940	781412209402	Boxed	1/2"	1/2"	2.05 lb	1

Cat. No.	Description	Cat. No.	Description
20-935D	1/2" Drive Impact Locking Extension 3"	20-937D	1/2" Drive Impact Locking Extension 10"
20-936D	1/2" Drive Impact Locking Extension 5"		

ARMSTRONG® 1/2" Drive Impact Extensions

- Made in the USA - Quality and Availability
- Incorporates A Pin on the Square Drive Providing Maximum Security Against Accidental Disengagement of the Socket, Safety
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.2 and US Federal Spec. GGG-W-660A6



Cat. No.	UPC No.	Packaging	Male Drive Size	Female Drive Size	Overall Length	Product Weight	Shelf Pack Qty.
20-922A	781412202298	Bagged	1/2"	1/2"	3.000 in	0.34 lb	1
20-923D	781412209235	Bagged	1/2"	1/2"	5.000 in	0.97 lb	1
20-923A	781412209327	Bagged	1/2"	1/2"	6.000 in	1.00 lb	1
20-924D	781412209242	Bagged	1/2"	1/2"	10.000 in	1.52 lb	1

ARMSTRONG® 1/2" Drive Locking Impact Extensions

- Made in the USA - Quality and Availability
- Incorporates A Pin on the Square Drive Providing Maximum Security Against Accidental Disengagement of the Socket, Safety
- Socket is Securely Locked to the Extension and Will Not Disengage Until Knurled Sleeve is Pulled, Safety and Convenience
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability



Cat. No.	UPC No.	Packaging	Male Drive Size	Female Drive Size	Overall Length	Product Weight	Shelf Pack Qty.
20-935D	781412209358	Bagged	1/2"	1/2"	3.000 in	0.35 lb	1
20-936D	781412209365	Bagged	1/2"	1/2"	5.000 in	0.57 lb	1
20-937D	781412209372	Bagged	1/2"	1/2"	10.000 in	1.05 lb	1

ARMSTRONG® 1/2" Drive Maxx Impact Universal Joint

- Made in the USA - Quality and Availability
- Unique Pinless "4 Lug" Design for Strength, Durability, and Safety
- True 360 Degree Rotation of the Socket End for Extended Range of Motion and Smooth Operation
- Reversed Ball Design Allows for A Smaller Socket End for Access to Restricted Fasteners
- Maximum Operation Angle of 30 Degrees
- Incorporates A Pin on the Square Drive Providing Maximum Security Against Accidental Disengagement of the Socket, Safety
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.2 and US Federal Spec. GGG-W-660A6



Cat. No.	UPC No.	Packaging	Female Drive Size	Male Drive Size	Dim. A: Drive End	Length	Product Weight	Shelf Pack Qty.
20-947D	781412209471	Bagged	1/2"	1/2"	0.511 in	2.594 in	0.42 lb	1

1 / 2 "

4

IMPACT SOCKETS

ARMSTRONG® 1/2" Drive Impact Drive Adapters

- Made in the USA - Quality and Availability
- Incorporates A Pin on the Square Drive Providing Maximum Security Against Accidental Disengagement of the Socket for Increased Safety
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.2 and US Federal Spec. GGG-W-660A6



Cat. No.	UPC No.	Packaging	Female Drive Size	Male Drive Size	Dim. A: Drive End	Length	Product Weight	Shelf Pack Qty.
20-951A	781412205190	Bagged	1/2"	3/8"	-	-	0.15 lb	1
20-951D	781412209518	Bagged	1/2"	3/8"	0.511 in	1.500 in	0.15 lb	1
20-952A	781412205299	Bagged	1/2"	3/4"	-	-	0.28 lb	1
20-952D	781412209525	Bagged	1/2"	3/4"	0.511 in	1.813 in	0.28 lb	1
20-953D	781412209532	Bagged	1/2"	5/8"	0.511 in	1.688 in	0.25 lb	1
20-996D	781412209969	Bagged	5/8"	1/2"	0.633 in	1.875 in	0.33 lb	1

ARMSTRONG® 1/2" Drive Power Hex Square Shank

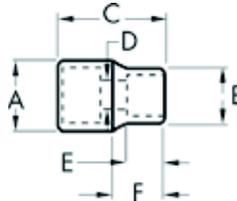
- Made in the USA - Quality and Availability
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability



Cat. No.	UPC No.	Packaging	Male Drive Size	Dim. A: Drive End	Length	Product Weight	Shelf Pack Qty.
20-959D	781412209594	Bagged	1/2"	0.511 in	2.750 in	0.18 lb	1

ARMSTRONG® 1/2" Drive 6 Point SAE Magnetic Power Sockets For Self-Tapping Screws

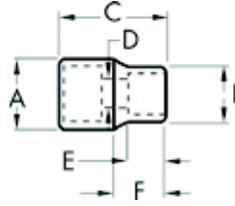
- Made in the USA - Quality and Availability
- Designed for Use with Electric or Air Driven Power Tools; Not for Use with Impact Power Tools
- Higher Hardness is Designed to Reduce Surface Wear When Used to Turn Hardened Fasteners, Profile with Magnet is Designed Retain and Seat Self-Tapping Screws
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. E: Wrench Depth	Dim. F: Length to Shoulder	Product Weight	Shelf Pack Qty.
20-082	781412200829	Bagged	3/8 in	0.930 in	0.650 in	1.500 in	0.250 in	0.630 in	0.19 lb	1
20-084	781412200843	Bagged	7/16 in	0.930 in	0.680 in	1.500 in	0.280 in	0.630 in	0.19 lb	1
20-086	781412200867	Bagged	1/2 in	0.930 in	0.820 in	1.500 in	0.340 in	0.630 in	0.20 lb	1
20-088	781412200881	Bagged	9/16 in	0.930 in	0.880 in	1.500 in	0.430 in	0.630 in	0.19 lb	1

ARMSTRONG® 1/2" Drive 6 Point SAE Impact Sockets

- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.2-2002 and US Federal Spec. GGG-W-660A



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Dim. F: Length to Shoulder	Product Weight	Shelf Pack Qty.
20-012	781412200126	Bagged	3/8 in	0.874 in	0.661 in	1.496 in	0.354 in	0.197 in	0.472 in	0.15 lb	1
20-014	781412200140	Bagged	7/16 in	0.874 in	0.705 in	1.496 in	0.354 in	0.236 in	0.472 in	0.15 lb	1
20-016	781412200164	Bagged	1/2 in	0.957 in	0.787 in	1.496 in	0.472 in	0.276 in	0.472 in	0.20 lb	1
20-018	781412200188	Bagged	9/16 in	0.957 in	0.957 in	1.496 in	0.531 in	0.315 in	-	0.19 lb	1
20-020	781412200201	Bagged	5/8 in	0.957 in	0.957 in	1.496 in	0.531 in	0.354 in	-	0.19 lb	1
20-022	781412200225	Bagged	11/16 in	1.051 in	1.051 in	1.496 in	0.531 in	0.354 in	-	0.25 lb	1
20-024	781412200249	Bagged	3/4 in	1.185 in	1.185 in	1.614 in	0.531 in	0.394 in	-	0.34 lb	1
20-026	781412200263	Bagged	13/16 in	1.260 in	1.260 in	1.614 in	0.610 in	0.433 in	-	0.41 lb	1
20-028D	781412200287	Bagged	7/8 in	1.260 in	1.260 in	1.752 in	0.610 in	0.492 in	-	0.40 lb	1
20-030	781412200300	Bagged	15/16 in	1.299 in	1.299 in	1.752 in	0.669 in	0.512 in	-	0.46 lb	1
20-032	781412200324	Bagged	1 in	1.405 in	1.405 in	1.752 in	0.813 in	0.600 in	-	0.50 lb	1
20-034D	781412200348	Bagged	1-1/16 in	1.490 in	1.490 in	1.752 in	0.813 in	0.600 in	-	0.50 lb	1
20-036D	781412200362	Bagged	1-1/8 in	1.532 in	1.532 in	2.000 in	0.781 in	0.820 in	-	0.70 lb	1
20-038	781412200386	Bagged	1-3/16 in	1.640 in	1.640 in	2.032 in	0.781 in	0.820 in	-	0.70 lb	1
20-040	781412200409	Bagged	1-1/4 in	1.760 in	1.760 in	2.032 in	0.812 in	0.820 in	-	0.89 lb	1
20-042	781412200423	Bagged	1-5/16 in	1.875 in	1.875 in	2.032 in	0.906 in	0.852 in	-	0.90 lb	1
20-044D	781412200447	Bagged	1-3/8 in	1.938 in	1.938 in	2.125 in	0.937 in	0.915 in	-	1.00 lb	1
20-046D	781412200461	Bagged	1-7/16 in	2.000 in	2.000 in	2.187 in	1.000 in	0.938 in	-	1.10 lb	1
20-048D	781412200485	Bagged	1-1/2 in	2.125 in	2.125 in	2.187 in	1.078 in	0.875 in	-	1.10 lb	1

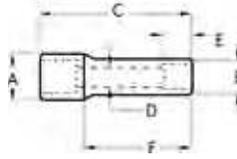
1 / 2 "

4

IMPACT SOCKETS

ARMSTRONG® 1/2" Drive 6 Point SAE Deep Impact Sockets

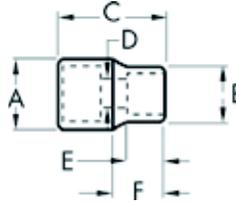
- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.2-2002 and US Federal Spec. GGG-W-660A



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Dim. F: Length to Shoulder	Product Weight	Shelf Pack Qty.
20-212	781412202120	Bagged	3/8 in	0.874 in	0.661 in	3.228 in	0.374 in	0.551 in	0.492 in	0.38 lb	1
20-214	781412202144	Bagged	7/16 in	0.874 in	0.705 in	3.228 in	0.425 in	0.551 in	0.492 in	0.38 lb	1
20-216	781412202168	Bagged	1/2 in	0.966 in	0.785 in	3.266 in	0.492 in	0.500 in	0.625 in	0.46 lb	1
20-218	781412202182	Bagged	9/16 in	0.966 in	0.875 in	3.266 in	0.543 in	0.500 in	0.625 in	0.45 lb	1
20-220	781412202205	Bagged	5/8 in	0.963 in	0.963 in	3.266 in	0.614 in	0.512 in	-	0.42 lb	1
20-222	781412202229	Bagged	11/16 in	1.040 in	1.049 in	3.266 in	0.650 in	0.551 in	-	0.60 lb	1
20-224	781412202243	Bagged	3/4 in	1.187 in	1.187 in	3.266 in	0.709 in	0.610 in	-	0.69 lb	1
20-226	781412202267	Bagged	13/16 in	1.262 in	1.262 in	3.266 in	0.748 in	0.610 in	-	0.78 lb	1
20-228	781412202281	Bagged	7/8 in	1.262 in	1.262 in	3.266 in	0.748 in	0.669 in	-	0.76 lb	1
20-230	781412202304	Bagged	15/16 in	1.313 in	1.313 in	3.266 in	0.787 in	0.728 in	-	0.80 lb	1
20-232	781412202328	Bagged	1 in	1.405 in	1.405 in	3.250 in	0.812 in	1.600 in	-	0.79 lb	1
20-234	781412202342	Bagged	1-1/16 in	1.490 in	1.490 in	3.250 in	0.812 in	1.600 in	-	0.90 lb	1
20-236	781412202366	Bagged	1-1/8 in	1.540 in	1.540 in	3.500 in	0.990 in	1.490 in	-	1.20 lb	1
20-238	781412202380	Bagged	1-3/16 in	1.640 in	1.640 in	3.500 in	1.062 in	1.350 in	-	1.30 lb	1
20-240	781412202403	Bagged	1-1/4 in	1.750 in	1.750 in	3.500 in	1.130 in	1.160 in	-	1.40 lb	1
20-242	781412202427	Bagged	1-5/16 in	1.875 in	1.875 in	3.500 in	1.280 in	1.320 in	-	1.50 lb	1
20-244	781412202441	Bagged	1-3/8 in	1.938 in	1.938 in	3.500 in	1.300 in	1.375 in	-	1.68 lb	1
20-246	781412202465	Bagged	1-7/16 in	2.000 in	2.000 in	3.500 in	1.300 in	1.375 in	-	1.80 lb	1
20-248	781412202489	Bagged	1-1/2 in	2.125 in	2.125 in	3.500 in	1.188 in	1.125 in	-	2.10 lb	1

ARMSTRONG® 1/2" Drive 8 Point SAE Impact Sockets

- Made in the USA - Quality and Availability
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.2-2002 and US Federal Spec. GGG-W-660A



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Dim. F: Length to Shoulder	Product Weight	Shelf Pack Qty.
20-412D	781412204124	Bagged	3/8 in	0.938 in	0.719 in	1.500 in	0.297 in	0.281 in	0.656 in	0.39 lb	1
20-414	781412204148	Bagged	7/16 in	0.938 in	0.828 in	1.500 in	0.297 in	0.313 in	0.656 in	0.22 lb	1
20-416	781412204162	Bagged	1/2 in	1.000 in	0.940 in	1.500 in	0.359 in	0.344 in	0.625 in	0.23 lb	1
20-418	781412204186	Bagged	9/16 in	1.125 in	1.016 in	1.500 in	0.422 in	0.375 in	0.625 in	0.29 lb	1
20-420	781412204209	Bagged	5/8 in	1.125 in	1.125 in	1.500 in	0.484 in	0.406 in	-	0.31 lb	1
20-422	781412204223	Bagged	11/16 in	1.250 in	1.250 in	1.500 in	0.484 in	0.438 in	-	0.38 lb	1
20-424	781412204247	Bagged	3/4 in	1.312 in	1.312 in	1.562 in	0.547 in	0.470 in	-	0.51 lb	1
20-426	781412204261	Bagged	13/16 in	1.375 in	1.375 in	1.625 in	0.609 in	0.500 in	-	0.42 lb	1
20-428	781412204285	Bagged	7/8 in	1.532 in	1.532 in	1.750 in	0.609 in	0.563 in	-	0.66 lb	1
20-430	781412204308	Bagged	15/16 in	1.625 in	1.625 in	1.875 in	0.672 in	0.625 in	-	0.75 lb	1
20-432	781412204322	Bagged	1 in	1.750 in	1.750 in	1.875 in	0.672 in	0.656 in	-	0.91 lb	1
20-434	781412204346	Bagged	1-1/16 in	1.875 in	1.875 in	2.000 in	0.750 in	0.688 in	-	1.13 lb	1
20-436	781412204360	Bagged	1-1/8 in	2.000 in	2.000 in	2.000 in	0.750 in	0.750 in	-	1.14 lb	1

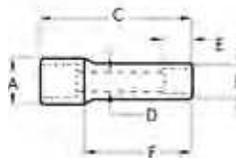
1/2"

4

IMPACT SOCKETS

ARMSTRONG® 1/2" Drive 8 Point SAE Deep Impact Sockets

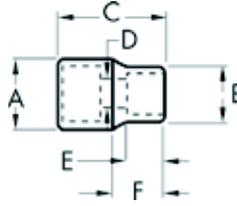
- Made in the USA - Quality and Availability
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.2-2002 and US Federal Spec. GGG-W-660A



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Dim. F: Length to Shoulder	Product Weight	Shelf Pack Qty.
20-712	781412207125	Bagged	3/8 in	0.875 in	0.719 in	3.266 in	0.313 in	0.438 in	0.625 in	0.40 lb	1
20-714	781412207149	Bagged	7/16 in	0.938 in	0.844 in	3.266 in	0.313 in	0.438 in	0.625 in	0.48 lb	1
20-716	781412207163	Bagged	1/2 in	0.960 in	0.960 in	3.266 in	0.375 in	0.438 in	-	0.50 lb	1
20-718	781412207187	Bagged	9/16 in	1.030 in	1.030 in	3.266 in	0.437 in	0.438 in	-	0.58 lb	1
20-720	781412207200	Bagged	5/8 in	1.125 in	1.125 in	3.266 in	0.500 in	0.500 in	-	0.68 lb	1
20-722	781412207224	Bagged	11/16 in	1.187 in	1.187 in	3.266 in	0.500 in	0.531 in	-	0.77 lb	1
20-724	781412207248	Bagged	3/4 in	1.312 in	1.312 in	3.266 in	0.563 in	0.563 in	-	0.94 lb	1
20-726D	781412207262	Bagged	13/16 in	1.375 in	1.375 in	3.266 in	0.625 in	1.000 in	-	0.87 lb	1
20-728	781412207286	Bagged	7/8 in	1.500 in	1.500 in	3.266 in	0.625 in	1.250 in	-	1.10 lb	1
20-730	781412207309	Bagged	15/16 in	1.625 in	1.625 in	3.500 in	0.688 in	1.250 in	-	1.46 lb	1

ARMSTRONG® 1/2" Drive 12 Point SAE Impact Sockets

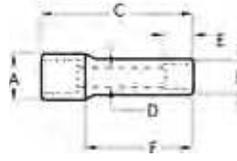
- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.2-2002 and US Federal Spec. GGG-W-660A



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Dim. F: Length to Shoulder	Product Weight	Shelf Pack Qty.
20-812	781412208122	Bagged	3/8 in	0.874 in	0.661 in	1.496 in	0.354 in	0.197 in	0.479 in	0.16 lb	1
20-814D	781412208146	Bagged	7/16 in	0.874 in	0.705 in	1.496 in	0.354 in	0.236 in	0.479 in	0.14 lb	1
20-816	781412208160	Bagged	1/2 in	0.957 in	0.787 in	1.496 in	0.472 in	0.276 in	0.482 in	0.19 lb	1
20-818	781412208184	Bagged	9/16 in	0.957 in	0.957 in	1.496 in	0.531 in	0.315 in	-	0.19 lb	1
20-820D	781412208207	Bagged	5/8 in	0.957 in	0.957 in	1.496 in	0.531 in	0.354 in	-	1.50 lb	1
20-822	781412208221	Bagged	11/16 in	1.051 in	1.051 in	1.496 in	0.531 in	0.354 in	-	0.24 lb	1
20-824	781412208245	Bagged	3/4 in	1.185 in	1.185 in	1.496 in	0.531 in	0.394 in	-	1.50 lb	1
20-826	781412208269	Bagged	13/16 in	1.26 in	1.260 in	1.614 in	0.610 in	0.433 in	-	0.40 lb	1
20-828	781412208283	Bagged	7/8 in	1.26 in	1.260 in	1.614 in	0.610 in	0.492 in	-	0.39 lb	1
20-830	781412208306	Bagged	15/16 in	1.311 in	1.311 in	1.752 in	0.669 in	0.512 in	-	0.44 lb	1
20-832	781412208320	Bagged	1 in	1.405 in	1.405 in	1.752 in	0.669 in	0.531 in	-	1.75 lb	1
20-834	781412208344	Bagged	1-1/16 in	1.490 in	1.490 in	1.752 in	0.689 in	0.630 in	-	0.56 lb	1
20-836	781412208368	Bagged	1-1/8 in	1.550 in	1.550 in	2.000 in	0.797 in	0.813 in	-	0.62 lb	1
20-838D	781412208382	Bagged	1-3/16 in	1.640 in	1.640 in	2.000 in	0.797 in	0.875 in	-	0.73 lb	1
20-840	781412208405	Bagged	1-1/4 in	1.750 in	1.750 in	2.000 in	0.828 in	0.875 in	-	0.86 lb	1
20-842	781412208429	Bagged	1-5/16 in	1.875 in	1.875 in	2.000 in	0.953 in	0.875 in	-	0.89 lb	1
20-844	781412208443	Bagged	1-3/8 in	1.938 in	1.938 in	2.000 in	0.953 in	0.875 in	-	1.14 lb	1
20-846D	781412208467	Bagged	1-7/16 in	2.000 in	2.000 in	2.150 in	1.016 in	0.875 in	-	1.27 lb	1
20-848	781412208481	Bagged	1-1/2 in	2.215 in	2.215 in	2.187 in	1.078 in	0.875 in	-	2.19 lb	1

ARMSTRONG® 1/2" Drive 12 Point SAE Deep Impact Sockets

- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.2-2002 and US Federal Spec. GGG-W-660A



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Dim. F: Length to Shoulder	Product Weight	Shelf Pack Qty.
20-612D	781412206128	Bagged	3/8 in	0.874 in	0.661 in	3.228 in	0.374 in	0.551 in	0.479 in	0.39 lb	1
20-614	781412206142	Bagged	7/16 in	0.874 in	0.705 in	3.228 in	0.425 in	0.551 in	0.479 in	0.37 lb	1
20-616	781412206166	Bagged	1/2 in	0.957 in	0.787 in	3.228 in	0.492 in	0.500 in	0.479 in	0.44 lb	1
20-618	781412206180	Bagged	9/16 in	0.957 in	0.957 in	3.228 in	0.531 in	0.500 in	-	0.42 lb	1
20-620	781412206203	Bagged	5/8 in	0.957 in	0.957 in	3.228 in	0.531 in	0.512 in	-	0.38 lb	1
20-622	781412206227	Bagged	11/16 in	1.053 in	1.053 in	3.228 in	0.650 in	0.551 in	-	0.46 lb	1
20-624	781412206241	Bagged	3/4 in	1.191 in	1.191 in	3.266 in	0.709 in	0.610 in	-	0.63 lb	1
20-626	781412206265	Bagged	13/16 in	1.266 in	1.266 in	3.266 in	0.748 in	0.610 in	-	0.71 lb	1
20-628	781412206289	Bagged	7/8 in	1.266 in	1.266 in	3.266 in	0.748 in	0.669 in	-	0.67 lb	1
20-630	781412206302	Bagged	15/16 in	1.317 in	1.317 in	3.266 in	0.787 in	0.728 in	-	0.72 lb	1
20-632	781412206326	Bagged	1 in	1.410 in	1.410 in	3.250 in	0.813 in	1.600 in	-	0.84 lb	1
20-634	781412206340	Bagged	1-1/16 in	1.490 in	1.490 in	3.250 in	0.813 in	1.600 in	-	0.82 lb	1
20-636	781412206364	Bagged	1-1/8 in	1.550 in	1.550 in	3.500 in	1.063 in	1.490 in	-	1.05 lb	1
20-638	781412206388	Bagged	1-3/16 in	1.625 in	1.625 in	3.500 in	1.063 in	1.350 in	-	1.32 lb	1
20-640	781412206401	Bagged	1-1/4 in	1.750 in	1.750 in	3.500 in	1.125 in	1.160 in	-	1.42 lb	1
20-642	781412206425	Bagged	1-5/16 in	1.875 in	1.875 in	3.500 in	1.188 in	1.320 in	-	1.50 lb	1
20-644	781412206449	Bagged	1-3/8 in	1.938 in	1.938 in	3.500 in	1.188 in	1.375 in	-	3.50 lb	1
20-646	781412206463	Bagged	1-7/16 in	2.000 in	2.000 in	3.500 in	1.188 in	1.375 in	-	1.86 lb	1
20-648	781412206487	Bagged	1-1/2 in	2.125 in	2.125 in	3.500 in	1.188 in	1.125 in	-	2.07 lb	1

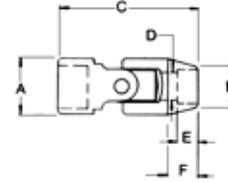
1 / 2 "

4

IMPACT SOCKETS

ARMSTRONG® 1/2" Drive 6 Point SAE Maxx Impact Universal Sockets

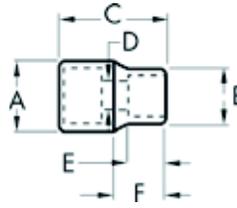
- Made in the USA - Quality and Availability
- Unique Pinless "4 Lug" Design for Strength, Durability, and Safety
- True 360 Degree Rotation of the Socket End for Extended Range of Motion and Smooth Operation
- Reversed Ball Design Allows for A Smaller Socket End for Access to Restricted Fasteners
- Maximum Operation Angle of 30 Degrees
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.2-2002 and US Federal Spec. GGG-W-660A



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight	Shelf Pack Qty.
20-564D	781412205640	Bagged	7/16 in	0.969 in	0.700 in	2.812 in	0.984 in	0.984 in	0.27 lb	1
20-566	781412205664	Bagged	1/2 in	0.969 in	0.750 in	2.812 in	0.984 in	0.984 in	0.33 lb	1
20-568	781412205688	Bagged	9/16 in	0.969 in	0.828 in	2.812 in	0.984 in	0.984 in	0.33 lb	1
20-570	781412205701	Bagged	5/8 in	0.969 in	0.906 in	2.812 in	0.984 in	0.984 in	0.36 lb	1
20-572	781412205725	Bagged	11/16 in	1.219 in	1.000 in	3.062 in	0.984 in	0.984 in	0.44 lb	1
20-574	781412205749	Bagged	3/4 in	1.219 in	1.062 in	3.125 in	1.031 in	1.031 in	0.54 lb	1
20-576	781412205763	Bagged	13/16 in	1.219 in	1.141 in	3.172 in	1.031 in	1.031 in	0.57 lb	1
20-578	781412205787	Bagged	7/8 in	1.219 in	1.234 in	3.172 in	1.031 in	1.031 in	0.59 lb	1
20-580	781412205800	Bagged	15/16 in	1.219 in	1.297 in	3.219 in	1.031 in	1.031 in	0.62 lb	1
20-582	781412205824	Bagged	1 in	1.219 in	1.344 in	3.266 in	1.031 in	1.031 in	0.64 lb	1

ARMSTRONG® 1/2" Drive 6 Point Metric Impact Sockets

- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.33M-2002



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Dim. F: Length to Shoulder	Product Weight	Shelf Pack Qty.
47-008	781412470086	Bagged	8 mm	0.874 in	0.512 in	1.496 in	0.205 in	0.374 in	0.492 in	0.20 lb	1
47-009	781412470093	Bagged	9 mm	0.874 in	0.614 in	1.496 in	0.220 in	0.437 in	0.492 in	0.19 lb	1
47-010	781412470109	Bagged	10 mm	0.874 in	0.614 in	1.496 in	0.354 in	0.217 in	0.492 in	0.14 lb	1
47-011	781412470116	Bagged	11 mm	0.874 in	0.657 in	1.496 in	0.354 in	0.256 in	0.492 in	0.16 lb	1
47-012	781412470123	Bagged	12 mm	0.874 in	0.740 in	1.496 in	0.354 in	0.295 in	0.492 in	0.16 lb	1
47-013	781412470130	Bagged	13 mm	0.957 in	0.791 in	1.496 in	0.531 in	0.295 in	0.492 in	0.20 lb	1
47-014	781412470147	Bagged	14 mm	0.957 in	0.819 in	1.496 in	0.531 in	0.374 in	0.492 in	0.18 lb	1
47-015	781412470154	Bagged	15 mm	0.957 in	0.957 in	1.496 in	0.531 in	0.374 in	-	0.19 lb	1
47-016	781412470161	Bagged	16 mm	0.957 in	0.957 in	1.496 in	0.531 in	0.413 in	-	0.19 lb	1
47-017	781412470178	Bagged	17 mm	1.051 in	1.051 in	1.496 in	0.531 in	0.413 in	-	0.26 lb	1
47-018	781412470185	Bagged	18 mm	1.094 in	1.094 in	1.496 in	0.531 in	0.433 in	-	0.26 lb	1
47-019	781412470192	Bagged	19 mm	1.185 in	1.185 in	1.496 in	0.567 in	0.472 in	-	0.32 lb	1
47-020	781412470208	Bagged	20 mm	1.185 in	1.193 in	1.614 in	0.591 in	0.492 in	-	0.34 lb	1
47-021	781412470215	Bagged	21 mm	1.252 in	1.252 in	1.614 in	0.591 in	0.492 in	-	0.38 lb	1
47-022	781412470222	Bagged	22 mm	1.260 in	1.260 in	1.614 in	0.591 in	0.531 in	-	0.38 lb	1
47-023	781412470239	Bagged	23 mm	1.311 in	1.311 in	1.752 in	0.630 in	0.531 in	-	0.39 lb	1
47-024	781412470246	Bagged	24 mm	1.437 in	1.437 in	1.780 in	0.752 in	0.689 in	-	0.46 lb	1
47-025	781412470253	Bagged	25 mm	1.437 in	1.437 in	1.780 in	0.752 in	0.689 in	-	0.50 lb	1
47-026	781412470260	Bagged	26 mm	1.500 in	1.500 in	2.000 in	0.752 in	0.768 in	-	0.52 lb	1
47-027	781412470277	Bagged	27 mm	1.492 in	1.492 in	1.752 in	0.815 in	0.598 in	-	0.55 lb	1
47-028	781412470284	Bagged	28 mm	1.531 in	1.531 in	2.000 in	0.811 in	0.866 in	-	0.58 lb	1
47-029	781412470291	Bagged	29 mm	1.626 in	1.626 in	2.000 in	0.843 in	0.866 in	-	0.68 lb	1
47-030	781412470307	Bagged	30 mm	1.626 in	1.626 in	2.063 in	0.890 in	0.866 in	-	0.68 lb	1
47-032	781412470321	Bagged	32 mm	1.752 in	1.752 in	2.063 in	0.945 in	0.866 in	-	0.60 lb	1
47-033	781412470338	Bagged	33 mm	1.811 in	1.811 in	2.063 in	0.984 in	0.902 in	-	0.62 lb	1
47-034	781412470345	Bagged	34 mm	1.874 in	1.874 in	2.063 in	1.000 in	0.902 in	-	0.63 lb	1
47-035	781412470352	Bagged	35 mm	1.937 in	1.937 in	2.126 in	1.063 in	0.902 in	-	0.63 lb	1
47-036	781412470369	Bagged	36 mm	2.000 in	2.000 in	2.126 in	1.063 in	0.902 in	-	0.63 lb	1

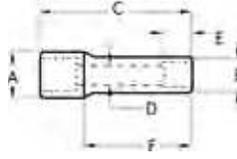
1 / 2 "

4

IMPACT SOCKETS

ARMSTRONG® 1/2" Drive 6 Point Metric Deep Impact Sockets

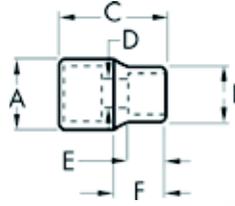
- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.33M-2002



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Dim. F: Length to Shoulder	Product Weight	Shelf Pack Qty.
47-208	781412472080	Bagged	8 mm	0.874 in	0.512 in	3.228 in	0.205 in	0.374 in	0.492 in	0.49 lb	1
47-209	781412472097	Bagged	9 mm	0.874 in	0.614 in	3.228 in	0.220 in	0.437 in	0.492 in	0.36 lb	1
47-210D	781412472103	Bagged	10 mm	0.878 in	0.614 in	3.228 in	0.374 in	0.571 in	0.492 in	0.38 lb	1
47-211	781412472110	Bagged	11 mm	0.878 in	0.657 in	3.228 in	0.425 in	0.571 in	0.492 in	3.24 lb	1
47-212	781412472127	Bagged	12 mm	0.878 in	0.740 in	3.228 in	0.449 in	0.571 in	0.492 in	3.26 lb	1
47-213	781412472134	Bagged	13 mm	0.961 in	0.791 in	3.228 in	0.492 in	0.500 in	0.492 in	3.27 lb	1
47-214	781412472141	Bagged	14 mm	0.961 in	0.874 in	3.228 in	0.543 in	0.500 in	0.492 in	0.44 lb	1
47-215D	781412472158	Bagged	15 mm	0.961 in	0.961 in	3.228 in	0.583 in	0.500 in	-	0.42 lb	1
47-216	781412472165	Bagged	16 mm	0.961 in	0.961 in	3.228 in	0.614 in	0.531 in	-	0.39 lb	1
47-217	781412472172	Bagged	17 mm	1.047 in	1.047 in	3.228 in	0.650 in	0.531 in	-	0.48 lb	1
47-218	781412472189	Bagged	18 mm	1.094 in	1.094 in	3.228 in	0.669 in	0.571 in	-	0.54 lb	1
47-219	781412472196	Bagged	19 mm	1.185 in	1.185 in	3.228 in	0.709 in	0.630 in	-	0.66 lb	1
47-220	781412472202	Bagged	20 mm	1.252 in	1.252 in	3.228 in	0.748 in	0.630 in	-	0.67 lb	1
47-221	781412472219	Bagged	21 mm	1.252 in	1.252 in	3.228 in	0.748 in	0.630 in	-	0.72 lb	1
47-222	781412472226	Bagged	22 mm	1.260 in	1.260 in	3.228 in	0.748 in	0.669 in	-	0.72 lb	1
47-223	781412472233	Bagged	23 mm	1.311 in	1.311 in	3.228 in	0.787 in	0.689 in	-	0.81 lb	1
47-224	781412472240	Bagged	24 mm	1.311 in	1.311 in	3.228 in	0.787 in	0.689 in	-	0.74 lb	1
47-225	781412472257	Bagged	25 mm	1.437 in	1.437 in	3.268 in	0.752 in	0.689 in	-	0.96 lb	1
47-226	781412472264	Bagged	26 mm	1.500 in	1.500 in	3.268 in	0.752 in	0.780 in	-	0.96 lb	1
47-227	781412472271	Bagged	27 mm	1.500 in	1.500 in	3.268 in	0.815 in	1.496 in	-	1.00 lb	1
47-228	781412472288	Bagged	28 mm	1.563 in	1.563 in	3.500 in	0.815 in	0.874 in	-	1.01 lb	1
47-229	781412472295	Bagged	29 mm	1.626 in	1.626 in	3.500 in	1.063 in	1.098 in	-	1.02 lb	1
47-230	781412472301	Bagged	30 mm	1.626 in	1.626 in	3.500 in	1.063 in	1.098 in	-	1.14 lb	1
47-232	781412472325	Bagged	32 mm	1.752 in	1.752 in	3.500 in	1.118 in	1.126 in	-	1.20 lb	1
47-234	781412472349	Bagged	34 mm	2.000 in	2.000 in	3.500 in	1.299 in	1.350 in	-	1.25 lb	1
47-235	781412472356	Bagged	35 mm	2.000 in	2.000 in	3.500 in	1.299 in	1.350 in	-	1.29 lb	1
47-236	781412472363	Bagged	36 mm	2.000 in	2.000 in	3.500 in	1.299 in	1.350 in	-	1.30 lb	1

ARMSTRONG 1/2" Drive 12 Point Metric Impact Sockets

- Made in the USA - Quality and Availability
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.33M-2002



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Dim. F: Length to Shoulder	Product Weight	Shelf Pack Qty.
47-310	781412473100	Bagged	10 mm	0.874 in	0.610 in	1.496 in	0.354 in	0.197 in	0.488 in	1.50 lb	1
47-311	781412473117	Bagged	11 mm	0.874 in	0.657 in	1.496 in	0.354 in	0.236 in	0.488 in	0.14 lb	1
47-312	781412473124	Bagged	12 mm	0.874 in	0.740 in	1.496 in	0.354 in	0.276 in	0.488 in	0.15 lb	1
47-313	781412473131	Bagged	13 mm	0.957 in	0.791 in	1.496 in	0.531 in	0.276 in	0.492 in	0.19 lb	1
47-314	781412473148	Bagged	14 mm	0.957 in	0.819 in	1.496 in	0.531 in	0.354 in	0.492 in	0.18 lb	1
47-315	781412473155	Bagged	15 mm	0.957 in	0.957 in	1.496 in	0.531 in	0.354 in	-	0.19 lb	1
47-316	781412473162	Bagged	16 mm	0.957 in	0.957 in	1.496 in	0.531 in	0.394 in	-	0.23 lb	1
47-317	781412473179	Bagged	17 mm	1.051 in	1.051 in	1.496 in	0.531 in	0.394 in	-	0.23 lb	1
47-318	781412473186	Bagged	18 mm	1.094 in	1.094 in	1.496 in	0.531 in	0.413 in	-	0.27 lb	1
47-319	781412473193	Bagged	19 mm	1.185 in	1.185 in	1.496 in	0.567 in	0.453 in	-	0.31 lb	1
47-320	781412473209	Bagged	20 mm	1.185 in	1.185 in	1.614 in	0.591 in	0.472 in	-	0.43 lb	1
47-321	781412473216	Bagged	21 mm	1.252 in	1.252 in	1.614 in	0.591 in	0.472 in	-	0.39 lb	1
47-322	781412473223	Bagged	22 mm	1.260 in	1.260 in	1.614 in	0.591 in	0.512 in	-	0.38 lb	1
47-323	781412473230	Bagged	23 mm	1.311 in	1.311 in	1.752 in	0.630 in	0.512 in	-	0.45 lb	1
47-324	781412473247	Bagged	24 mm	1.311 in	1.311 in	1.752 in	0.689 in	0.551 in	-	0.45 lb	1
47-330	781412473308	Bagged	30 mm	1.626 in	1.626 in	2.000 in	0.890 in	0.752 in	-	0.79 lb	1
47-332	781412473322	Bagged	32 mm	1.752 in	1.752 in	2.000 in	0.945 in	0.874 in	-	0.91 lb	1

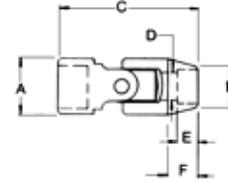
1 / 2 "

4

IMPACT SOCKETS

ARMSTRONG® 1/2" Drive 6 Point Metric Maxx Impact Universal Sockets

- Made in the USA - Quality and Availability
- Unique Pinless "4 Lug" Design for Strength, Durability, and Safety
- True 360 Degree Rotation of the Socket End for Extended Range of Motion and Smooth Operation
- Reversed Ball Design Allows for A Smaller Socket End for Access to Restricted Fasteners
- Maximum Operation Angle of 30 Degrees
- Radius Corner Design Engages the Flats of the Fastener, Not the Corners, Providing Up to 15%-20% More Torque While Reducing Fastener Rounding, Enhancing the Turning of Worn Fasteners
- EYE-D™ Markings Optimize Size Visibility, Also Providing SAE / Metric Differentiation
- Socket Wall Dimensions Are Optimized to Provide Strength While Retaining Access to Restricted Fasteners
- Manufactured From High Alloy Steel Using the Most Up-To-Date Manufacturing Process and Heat Treat for Greater Strength and Durability
- Meets or Exceeds ASME B107.33M-2002



Cat. No.	UPC No.	Packaging	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight	Shelf Pack Qty.
47-110	781412471106	Bagged	10 mm	0.969 in	0.610 in	2.811 in	0.984 in	0.984 in	0.32 lb	1
47-111	781412471113	Bagged	11 mm	0.969 in	0.673 in	2.811 in	0.984 in	0.984 in	0.33 lb	1
47-112	781412471120	Bagged	12 mm	0.969 in	0.717 in	2.811 in	0.984 in	0.984 in	0.34 lb	1
47-113	781412471137	Bagged	13 mm	0.969 in	0.752 in	2.811 in	0.984 in	0.984 in	0.28 lb	1
47-114D	781412471144	Bagged	14 mm	0.969 in	0.827 in	2.811 in	0.984 in	0.984 in	0.36 lb	1
47-115D	781412471151	Bagged	15 mm	0.969 in	0.874 in	2.811 in	0.984 in	0.984 in	0.37 lb	1
47-116	781412471168	Bagged	16 mm	1.220 in	0.953 in	3.063 in	0.984 in	0.984 in	0.63 lb	1
47-117	781412471175	Bagged	17 mm	1.220 in	1.000 in	3.063 in	0.984 in	0.984 in	0.64 lb	1
47-118	781412471182	Bagged	18 mm	1.220 in	1.063 in	3.126 in	1.031 in	1.031 in	0.68 lb	1
47-119	781412471199	Bagged	19 mm	1.220 in	1.063 in	3.126 in	1.031 in	1.031 in	0.66 lb	1
47-121	781412471212	Bagged	21 mm	1.220 in	1.232 in	3.173 in	1.031 in	1.031 in	0.74 lb	1
47-122	781412471229	Bagged	22 mm	1.220 in	1.268 in	3.173 in	1.031 in	1.031 in	0.74 lb	1
47-124	781412471243	Bagged	24 mm	1.220 in	1.295 in	3.220 in	1.031 in	1.031 in	0.75 lb	1