

HAND SOCKETS

1/4" DRIVE SOCKETS - 8 POINT

- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.
- PROTO® Sockets with TorquePlus™ are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.



- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	8	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/4	J4708S	31/64	31/64	1/4	17/32	7/8	0.03
5/16	J4710S	9/16	9/16	1/4	17/32	7/8	0.05
3/8	J4712S	11/16	11/16	1/4	17/32	7/8	0.06

ASME B107.110-2012

1/4" DRIVE SOCKETS - SPLINE

- Proto® Spline tools are designed to service high tensile strength fasteners used widely on military and commercial aircraft and in heavy machinery applications where vibration is prevalent. They are also used in automotive and industrial areas where high performance torque needs to be achieved.
- Spline sockets help tighten high strength bolts to high torque loads. They help lower the force required to turn standard fasteners by allowing the torque load to be moved away from the corners to help prevent fastener rounding. They also turn fasteners with damaged corners.
- Spline helps reduce foreign object debris (FOD) by having a precise fit between the fastening tool and its fastener.



1/4" DRIVE SOCKETS

STANDARD

INCH	Spline Size	SPL	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/16	6	J4706SPL	5/16	7/16	3/16	9/16	59/64	0.02
7/32	7	J4707SPL	11/32	7/16	13/64	9/16	59/64	0.02
1/4	8	J4708SPL	3/8	7/16	1/4	9/16	59/64	0.02
9/32	9	J4709SPL	7/16	7/16	9/32	9/16	59/64	0.02
5/16	10	J4710SPL	29/64	29/64	5/16	9/16	59/64	0.03
3/8	12	J4712SPL	35/64	35/64	11/32	9/16	59/64	0.04
7/16	14	J4714SPL	5/8	5/8	27/64	11/16	1-1/32	0.05

DEEP

INCH	Spline Size	SPL	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/16	6	J4706DPL	5/16	7/16	3/16	1-21/32	2	0.03
7/32	7	J4707DPL	11/32	7/16	13/64	1-21/32	2	0.04
1/4	8	J4708DPL	3/8	7/16	1/4	1-21/32	2	0.04
9/32	9	J4709DPL	7/16	7/16	9/32	1-21/32	2	0.05
5/16	10	J4710DPL	29/64	29/64	5/16	1-21/32	2	0.06
3/8	12	J4712DPL	35/64	35/64	11/32	1-21/32	2	0.08
7/16	14	J4714DPL	5/8	5/8	27/64	1-21/32	2	0.09

6 POINT	8 POINT	12 POINT	SPL SPLINE	HEX	FULL POLISH	SATIN	BLACK OXIDE	INSULATED
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SKU #	AS Spec	AS Plating Spec	ASME Spec	Page #
J46412	-	-	-	162
J46414	-	-	-	162
J46416	-	-	-	162
J46420	-	-	-	162
J46424	-	-	-	162
J4700CF	See Component	See Component	B107.100-2010	65
J4704	-	SAE AS4984A	B107.110-2012	66
J47045M	-	SAE AS4984A	B107.110-2012	66
J47045TM	-	-	B107.110-2012	66
J4704B	-	-	B107.110-2012	66
J4704LM	-	SAE AS4984A	B107.110-2012	69
J4704M	-	SAE AS4984A	B107.110-2012	66
J4704TM	-	-	B107.110-2012	66
J4705	-	SAE AS4984A	B107.110-2012	66
J47055LM	-	SAE AS4984A	B107.110-2012	69
J47055LTM	SAE AS955	SAE AS4984A	B107.110-2012	69
J47055M	-	SAE AS4984A	B107.110-2012	66
J47055MN	-	-	B107.110-2012	68
J47055TM	-	SAE AS4984A	B107.110-2012	66
J4705B	-	-	B107.110-2012	66
J4705LM	-	SAE AS4984A	B107.110-2012	69
J4705LTM	SAE AS955	SAE AS4984A	B107.110-2012	69
J4705M	-	SAE AS4984A	B107.110-2012	66
J4705MN	-	-	B107.110-2012	68
J4705T	-	-	B107.110-2012	66
J4705TB	-	-	B107.110-2012	66
J4705TM	-	SAE AS4984A	B107.110-2012	66
J4706	-	SAE AS4984A	B107.110-2012	66
J4706B	-	-	B107.110-2012	66
J4706DPL	-	-	B107.110-2012	67
J4706L	-	SAE AS4984A	B107.110-2012	69
J4706LB	-	-	B107.110-2012	69
J4706LM	-	SAE AS4984A	B107.110-2012	69
J4706LT	SAE AS954G	SAE AS4984A	B107.110-2012	69
J4706LTM	SAE AS955	SAE AS4984A	B107.110-2012	69
J4706M	-	SAE AS4984A	B107.110-2012	66
J4706MN	-	-	B107.110-2012	68
J4706N	-	-	B107.110-2012	68
J4706SPL	-	-	B107.110-2012	67
J4706T	-	SAE AS4984A	B107.110-2012	66
J4706TB	-	-	B107.110-2012	66
J4706TM	-	SAE AS4984A	B107.110-2012	66
J4707	-	SAE AS4984A	B107.110-2012	66
J4707B	-	-	B107.110-2012	66
J4707DPL	-	-	B107.110-2012	67
J4707L	-	SAE AS4984A	B107.110-2012	69
J4707LB	-	-	B107.110-2012	69
J4707LM	-	SAE AS4984A	B107.110-2012	69
J4707LT	SAE AS954G	SAE AS4984A	B107.110-2012	69
J4707LTM	SAE AS955	SAE AS4984A	B107.110-2012	69

SKU #	AS Spec	AS Plating Spec	ASME Spec	Page #
J4707M	-	SAE AS4984A	B107.110-2012	66
J4707MCF	-	SAE AS4984A	-	73
J4707MN	-	-	B107.110-2012	68
J4707N	-	-	B107.110-2012	68
J4707SPL	-	-	B107.110-2012	67
J4707T	-	SAE AS4984A	B107.110-2012	66
J4707TB	-	-	B107.110-2012	66
J4707TM	-	SAE AS4984A	B107.110-2012	66
J4708	-	SAE AS4984A	B107.110-2012	66
J4708B	-	SAE AS4984A	B107.110-2012	66
J4708CF	-	SAE AS4984A	-	73
J4708DPL	-	-	B107.110-2012	67
J4708L	-	SAE AS4984A	B107.110-2012	69
J4708LB	-	-	B107.110-2012	69
J4708LM	-	SAE AS4984A	B107.110-2012	69
J4708LT	SAE AS954G	SAE AS4984A	B107.110-2012	69
J4708LTM	SAE AS955	SAE AS4984A	B107.110-2012	69
J4708M	-	SAE AS4984A	B107.110-2012	73
J4708MCF	-	SAE AS4984A	-	73
J4708MN	-	-	B107.110-2012	68
J4708N	-	-	B107.110-2012	68
J4708S	-	SAE AS4984A	B107.110-2012	67
J4708SPL	-	-	B107.110-2012	67
J4708T	-	SAE AS4984A	B107.110-2012	66
J4708TB	-	-	B107.110-2012	66
J4708TM	-	SAE AS4984A	B107.110-2012	66
J4709	-	SAE AS4984A	B107.110-2012	66
J4709B	-	SAE AS4984A	B107.110-2012	66
J4709DPL	-	-	B107.110-2012	67
J4709L	-	SAE AS4984A	B107.110-2012	69
J4709LB	-	-	B107.110-2012	69
J4709LM	-	SAE AS4984A	B107.110-2012	69
J4709LT	SAE AS954G	SAE AS4984A	B107.110-2012	69
J4709LTM	SAE AS955	SAE AS4984A	B107.110-2012	69
J4709M	-	SAE AS4984A	B107.110-2012	66
J4709MN	-	-	B107.110-2012	68
J4709N	-	-	B107.110-2012	68
J4709SPL	-	-	B107.110-2012	67
J4709T	-	SAE AS4984A	B107.110-2012	66
J4709TB	-	-	B107.110-2012	66
J4709TM	-	SAE AS4984A	B107.110-2012	66
J4710	-	SAE AS4984A	B107.110-2012	66
J47100	See Component	See Component	B107.110-2012	65
J47104	See Component	See Component	B107.110-2012	65
J4710B	-	SAE AS4984A	B107.110-2012	66
J4710CF	-	SAE AS4984A	-	73
J4710DPL	-	-	B107.110-2012	67
J4710L	-	SAE AS4984A	B107.110-2012	69
J4710LB	-	-	B107.110-2012	69
J4710LM	-	SAE AS4984A	B107.110-2012	69