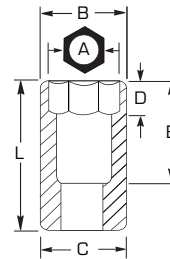



1/4" DRIVE SOCKETS - 8 POINT

- 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		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.




STANDARD

INCH	Spline Size		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		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

