



## 1/2" DRIVE IMPACT EXTENSIONS

- › Use extensions to gain access to fasteners in locations that would otherwise be difficult to reach.
- › Male square is oriented in-line with female squares for use with fixed head torque wrenches.
- › Full chamfer at drive opening (when applicable) for easy engagement with drive tools.
- › Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- › Size stamped on tool for easy identification.
- › Side locking hole.



Product #	Overall Length (in)	Weight (lbs)
<b>J7180P*</b>	2	0.19
<b>J7182P</b>	3	0.3
<b>J7181P</b>	5	0.47
<b>J7184P</b>	9	0.89
<b>J7183-00</b>	10	0.89

\*This size not covered under ASME Standards ASME B107.110-2012

## 1/2" DRIVE LOCKING EXTENSIONS

- › Solid one-piece design helps prevent the locking components from becoming loose or disengaged.
- › Patented locking feature locks sockets to the extension with exceptional force.
- › Knurled shank provides a slip-resistant grip when hand-turning the extension.



Product #	Overall Length (in)	Weight (lbs)
<b>J7503</b>	3	0.34
<b>J7505</b>	5	0.57
<b>J7510</b>	10	1.04



## 1/2" DRIVE RETAINING RINGS

- › Retaining Rings are used to help secure sockets onto drive tools.
- › They are not intended to bear any load.
- › The rotational forces are between the drive tool and the socket.
- › One-piece construction, no loose parts.
- › PROTO® 1/2" Impact socket family is not designed for use with these retaining rings.



Product #	Description	For Groove Dia. (in)	Diameter (in)	Height (in)	Weight (lbs)
<b>JRR50080</b>	Retaining Ring, 1/2" DR 800 GRV	51/64	15/16	1/8	0.01
<b>JRR50087</b>	Retaining Ring, 1/2" DR 870 GRV	7/8	1	1/8	0.01
<b>JRR50095</b>	Retaining Ring, 1/2" DR 950 GRV	61/64	1-1/16	1/8	0.01
<b>JRR50105</b>	Retaining Ring, 1/2" DR 1050 GRV	1-1/16	1-3/16	1/8	0.01
<b>JRR50115</b>	Retaining Ring, 1/2" DR 1150 GRV	1-5/32	1-1/4	1/8	0.01
<b>JRR50130</b>	Retaining Ring, 1/2" DR 1300 GRV	1-5/16	1-7/16	1/8	0.01
<b>JRR50145</b>	Retaining Ring, 1/2" DR 1450 GRV	1-7/16	1-9/16	1/8	0.01
<b>JRR50160</b>	Retaining Ring, 1/2" DR 1600 GRV	1-19/32	1-3/4	1/8	0.01



4 4 POINT
6 6 POINT
8 8 POINT
12 12 POINT
SPL SPLINE
TORX TORX®
HEX HEX
BLACK OXIDE