

POWERMASTER

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TORQTOOL
IMPACT SOCKETS

TORQSLEDGE
SLUGGING WRENCHES

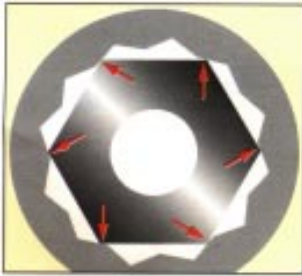


IMPACT SOCKETS, ACCESSORIES AND SOCKET SETS

- * Standard, Deep and Thinwall Sockets
- * Up to 3.1/2" square drive Impact Sockets through to 235MM (9.1/8") across the flats
- * #5 spline drive to **80mm (4")** across the flats
- * Wide variety of Accessories

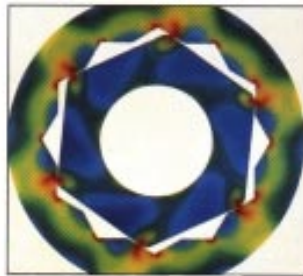
Freecorner PROFILE

The **Freecorner** profile is provided on the square drives as well as on the hexagon end of Impact Sockets 1/2" square drive and above.

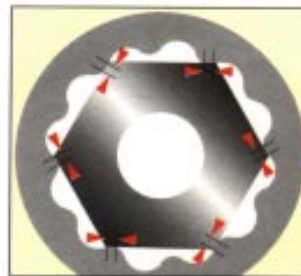


CONVENTIONAL PROFILE

Corner point contact high stress areas



Highlights show contact points on the corner of the fastener



FREECORNER PROFILE

Distributed surface loads relieves possible stress area



Highlights show contact points away from the corner of the fastener

The benefits of the **Freecorner** profile include are

- Reduced risk of fastener rounding.
- Increased chances of turning worn fasteners.
- Elimination of high stress concentration points increasing the impact resistance and the torque transmitting capability.

'TORQTOOL' IMPACT SOCKETS

- '**TORQTOOL**' Impact Sockets of 1/2" square drive and above feature **freecorner** for flats above 17 mm (5/8").
- All Impact Sockets are made from high strength alloy steel.
- All Impact Sockets are heat treated for the best combination of strength and impact resistance.
- All Impact Sockets have an optimum wall thickness for strength and access on fasteners having restrictions.
- The depth of the Hex openings is designed to accommodate the full standard fastener head.
- All Impact Sockets have chamfered openings for ease in engagement with the drive tool and the fastener.
- Concentric openings and large clearance holes to meet industrial specifications.
- All Impact Sockets have a Ring-N-Pin arrangement for securing them to the drive.
- Sockets are plated and black oxidized coated for increased protection from rusting. Pictures on this catalog are shown in yellow instead of black for illustrative purposes only.

SAFETY NOTICE

Sockets in this catalog are designed for impact use. Always use safety goggles when using impact equipment.

TORQTOOL

3/8" SQUARE DRIVE IMPACT SOCKETS

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1/2" SQUARE DRIVE IMPACT SOCKETS

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3/4" SQUARE DRIVE IMPACT SOCKETS

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1" SQUARE DRIVE IMPACT SOCKETS

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1.1/2" SQUARE DRIVE IMPACT SOCKETS

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2.1/2" SQUARE DRIVE IMPACT SOCKETS

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3.1/2" SQUARE DRIVE IMPACT SOCKETS

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5 SPLINE DRIVE IMPACT SOCKETS

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STRAIGHT SLUGGING WRENCHES METRIC & SAE

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OFFSET SLUGGING WRENCHES METRIC & SAE

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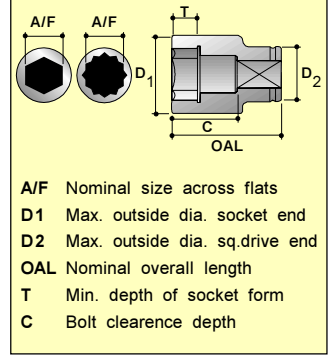
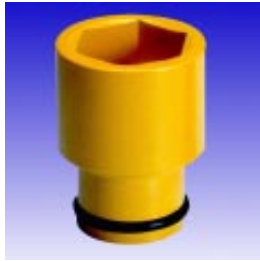
Torqtool Warranty

The Torqtool warranty will replace free to the original purchaser any qualifying socket found to be defective in either material or workmanship, indicated by premature wear or breakage. Determination of free replacement will be done by your Torqtool distributor. Impact Sockets, by nature of their application are subject to extreme stresses, therefore special application sockets such as thinwall, hex driver, accessories and slugging wrenches are specifically excluded from the replacement warranty.



3/8"

IMPACT SOCKETS



METRIC HEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 8 | S-06M8 | 14.0 | 19.0 | 6.0 | 13.0 | 27.0 | 0.025 |
| 9 | S-06M9 | 15.0 | 19.0 | 7.0 | 13.0 | 27.0 | 0.025 |
| 10 | S-06M10 | 16.0 | 19.0 | 7.0 | 13.0 | 27.0 | 0.030 |
| 11 | S-06M11 | 18.0 | 19.0 | 8.0 | 13.0 | 27.0 | 0.030 |
| 12 | S-06M12 | 19.0 | 19.0 | 9.0 | 13.0 | 27.0 | 0.040 |
| 13 | S-06M13 | 22.0 | 22.0 | 10.0 | 16.0 | 30.0 | 0.040 |
| 14 | S-06M14 | 22.0 | 22.0 | 10.0 | 16.0 | 30.0 | 0.050 |
| 15 | S-06M15 | 24.0 | 22.0 | 11.0 | 16.0 | 30.0 | 0.055 |
| 16 | S-06M16 | 24.0 | 22.0 | 11.0 | 16.0 | 30.0 | 0.060 |
| 17 | S-06M17 | 26.0 | 22.0 | 12.0 | 18.0 | 32.0 | 0.060 |
| 18 | S-06M18 | 28.0 | 22.0 | 12.0 | 18.0 | 32.0 | 0.065 |
| 19 | S-06M19 | 28.0 | 22.0 | 12.0 | 18.0 | 32.0 | 0.070 |
| 20 | S-06M20 | 30.0 | 24.0 | 12.0 | 18.0 | 32.0 | 0.090 |
| 21 | S-06M21 | 30.0 | 24.0 | 12.0 | 18.0 | 32.0 | 0.090 |
| 22 | S-06M22 | 32.0 | 24.0 | 13.0 | 18.0 | 32.0 | 0.090 |

FRACTIONAL HEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 5/16 | S-0605 | 0.551 | 0.748 | 0.236 | 0.511 | 1.062 | 0.055 |
| 3/8 | S-0606 | 0.629 | 0.748 | 0.275 | 0.511 | 1.062 | 0.055 |
| 7/16 | S-0607 | 0.708 | 0.748 | 0.314 | 0.511 | 1.062 | 0.075 |
| 1/2 | S-0608 | 0.866 | 0.866 | 0.354 | 0.630 | 1.181 | 0.088 |
| 9/16 | S-0609 | 0.866 | 0.866 | 0.393 | 0.630 | 1.181 | 0.110 |
| 5/8 | S-0610 | 0.944 | 0.866 | 0.433 | 0.630 | 1.181 | 0.120 |
| 11/16 | S-0611 | 1.023 | 0.866 | 0.472 | 0.708 | 1.259 | 0.135 |
| 3/4 | S-0612 | 1.023 | 0.866 | 0.472 | 0.708 | 1.259 | 0.155 |
| 13/16 | S-0613 | 1.181 | 0.944 | 0.472 | 0.708 | 1.259 | 0.200 |
| 7/8 | S-0614 | 1.259 | 0.944 | 0.511 | 0.708 | 1.259 | 0.220 |

METRIC DEEP HEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 8 | S-06M8L | 14.0 | 19.0 | 6.0 | 40.0 | 54.0 | 0.070 |
| 9 | S-06M9L | 15.0 | 19.0 | 7.0 | 40.0 | 54.0 | 0.070 |
| 10 | S-06M10L | 16.0 | 19.0 | 7.0 | 40.0 | 54.0 | 0.070 |
| 11 | S-06M11L | 18.0 | 19.0 | 8.0 | 40.0 | 54.0 | 0.080 |
| 12 | S-06M12L | 19.0 | 19.0 | 9.0 | 40.0 | 54.0 | 0.090 |
| 13 | S-06M13L | 22.0 | 22.0 | 10.0 | 40.0 | 54.0 | 0.100 |
| 14 | S-06M14L | 22.0 | 22.0 | 10.0 | 46.0 | 60.0 | 0.115 |
| 15 | S-06M15L | 24.0 | 22.0 | 11.0 | 46.0 | 60.0 | 0.120 |
| 17 | S-06M17L | 26.0 | 22.0 | 12.0 | 52.0 | 66.0 | 0.130 |
| 19 | S-06M19L | 28.0 | 22.0 | 12.0 | 52.0 | 66.0 | 0.165 |

FRACTIONAL DEEP HEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 5/16 | S-0605L | 0.551 | 0.748 | 0.236 | 1.574 | 2.125 | 0.155 |
| 3/8 | S-0606L | 0.629 | 0.748 | 0.275 | 1.574 | 2.125 | 0.155 |
| 7/16 | S-0607L | 0.708 | 0.748 | 0.314 | 1.574 | 2.125 | 0.175 |
| 1/2 | S-0608L | 0.866 | 0.866 | 0.354 | 1.574 | 2.125 | 0.220 |
| 9/16 | S-0609L | 0.866 | 0.866 | 0.393 | 1.811 | 2.362 | 0.255 |
| 5/8 | S-0610L | 0.944 | 0.866 | 0.433 | 1.811 | 2.362 | 0.265 |
| 11/16 | S-0611L | 1.023 | 0.866 | 0.472 | 2.047 | 2.598 | 0.365 |
| 3/4 | S-0612L | 1.023 | 0.866 | 0.472 | 2.047 | 2.598 | 0.365 |
| 13/16 | S-0613L | 1.181 | 0.944 | 0.472 | 2.047 | 2.598 | 0.440 |
| 7/8 | S-0614L | 1.259 | 0.944 | 0.511 | 2.047 | 2.598 | 0.485 |

METRIC BIHEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 8 | 06M8DH | 14.0 | 19.0 | 6.0 | 13.0 | 27.0 | 0.025 |
| 9 | 06M9DH | 15.0 | 19.0 | 7.0 | 13.0 | 27.0 | 0.025 |
| 10 | 06M10DH | 16.0 | 19.0 | 7.0 | 13.0 | 27.0 | 0.030 |
| 11 | 06M11DH | 18.0 | 19.0 | 8.0 | 13.0 | 27.0 | 0.030 |
| 12 | 06M12DH | 19.0 | 19.0 | 9.0 | 13.0 | 27.0 | 0.040 |
| 13 | 06M13DH | 22.0 | 22.0 | 10.0 | 16.0 | 30.0 | 0.040 |
| 14 | 06M14DH | 22.0 | 22.0 | 10.0 | 16.0 | 30.0 | 0.050 |
| 15 | 06M15DH | 24.0 | 22.0 | 11.0 | 16.0 | 30.0 | 0.055 |
| 16 | 06M16DH | 24.0 | 22.0 | 11.0 | 16.0 | 30.0 | 0.060 |
| 17 | 06M17DH | 26.0 | 22.0 | 12.0 | 18.0 | 32.0 | 0.060 |
| 18 | 06M18DH | 28.0 | 22.0 | 12.0 | 18.0 | 32.0 | 0.065 |
| 19 | 06M19DH | 28.0 | 22.0 | 12.0 | 18.0 | 32.0 | 0.070 |
| 20 | 06M20DH | 30.0 | 24.0 | 12.0 | 18.0 | 32.0 | 0.090 |
| 21 | 06M21DH | 30.0 | 24.0 | 12.0 | 18.0 | 32.0 | 0.090 |
| 22 | 06M22DH | 32.0 | 24.0 | 13.0 | 18.0 | 32.0 | 0.090 |

FRACTIONAL BIHEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 3/8 | 0606DH | 0.629 | 0.748 | 0.275 | 0.511 | 1.062 | 0.055 |
| 7/16 | 0607DH | 0.708 | 0.748 | 0.314 | 0.511 | 1.062 | 0.075 |
| 1/2 | 0608DH | 0.866 | 0.866 | 0.354 | 0.630 | 1.181 | 0.088 |
| 9/16 | 0609DH | 0.866 | 0.866 | 0.393 | 0.630 | 1.181 | 0.110 |
| 5/8 | 0610DH | 0.944 | 0.866 | 0.433 | 0.630 | 1.181 | 0.120 |
| 11/16 | 0611DH | 1.023 | 0.866 | 0.472 | 0.708 | 1.259 | 0.135 |
| 3/4 | 0612DH | 1.023 | 0.866 | 0.472 | 0.708 | 1.259 | 0.155 |
| 13/16 | 0613DH | 1.181 | 0.944 | 0.472 | 0.708 | 1.259 | 0.200 |
| 7/8 | 0614DH | 1.259 | 0.944 | 0.511 | 0.708 | 1.259 | 0.220 |

IMPACT SOCKETS THINWALL

3/8"

METRIC HEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 8 | S-06M8T | 12.3 | 20.0 | 6.0 | 13.0 | 27.0 | 0.020 |
| 10 | S-06M10T | 14.8 | 20.0 | 7.0 | 13.0 | 27.0 | 0.020 |
| 11 | S-06M11T | 16.1 | 20.0 | 8.0 | 13.0 | 27.0 | 0.025 |
| 13 | S-06M13T | 18.6 | 22.0 | 10.0 | 16.0 | 30.0 | 0.035 |
| 17 | S-06M17T | 23.7 | 22.0 | 12.0 | 18.0 | 32.0 | 0.055 |
| 19 | S-06M19T | 26.3 | 22.0 | 12.0 | 18.0 | 32.0 | 0.065 |

FRACTIONAL HEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 5/16 | S-0605T | 0.484 | 0.748 | 0.236 | 0.511 | 1.062 | 0.045 |
| 3/8 | S-0606T | 0.555 | 0.748 | 0.275 | 0.511 | 1.062 | 0.045 |
| 7/16 | S-0607T | 0.633 | 0.748 | 0.314 | 0.511 | 1.062 | 0.065 |
| 1/2 | S-0608T | 0.732 | 0.866 | 0.354 | 0.630 | 1.181 | 0.080 |
| 9/16 | S-0609T | 0.799 | 0.866 | 0.393 | 0.630 | 1.181 | 0.100 |
| 5/8 | S-0610T | 0.877 | 0.866 | 0.433 | 0.630 | 1.181 | 0.110 |

Thinwall Deep Hexagon Sockets available on request.

IMPACT ACCESSORIES

METRIC HEX DRIVER SOCKETS

| HEX A/F MM | MODEL NO. | BIT LENGTH | OAL mm | Wt. Kg. |
|------------|-----------|------------|--------|---------|
| 4 | 06M04H | 15.0 | 45.0 | 0.035 |
| 5 | 06M05H | 15.0 | 45.0 | 0.035 |
| 6 | 06M06H | 15.0 | 45.0 | 0.035 |
| 8 | 06M08H | 15.0 | 45.0 | 0.045 |
| 10 | 06M10H | 15.0 | 45.0 | 0.050 |

FRACTIONAL HEX DRIVER SOCKETS

| HEX A/F SAE | MODEL NO. | BIT LENGTH | OAL inch | Wt. lbs. |
|-------------|-----------|------------|----------|----------|
| 5/32 | 06005H | 0.590 | 1.771 | 0.080 |
| 3/16 | 0603H | 0.590 | 1.771 | 0.080 |
| 7/32 | 06007H | 0.590 | 1.771 | 0.080 |
| 1/4 | 0604H | 0.590 | 1.771 | 0.080 |
| 5/16 | 0605H | 0.590 | 1.771 | 0.090 |
| 3/8 | 0606H | 0.590 | 1.771 | 0.110 |

REGULAR EXTENSIONS

| OAL mm | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) | Wt. Kg. (lbs.) |
|-----------|-----------|---------------------|--------------------|----------------|
| 75 (3") | E0603 | 13.0 (0.511) | 22.0 (0.866) | 0.09 (0.20) |
| 150 (6") | E0606 | | | 0.16 (0.35) |
| 300 (12") | E0612 | | | 0.35 (0.77) |



SQUARE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) | Wt. Kg. (lbs.) |
|-----------------|-----------|--------------------|---------------|----------------|
| 3/8" F X 1/2" M | A0608 | 22.0 (0.866) | 35.0 (1.377) | 0.70 (1.54) |
| 3/8" F X 3/8" M | A0606 | | 32.0 (1.259) | 0.50 (1.10) |



UNIVERSAL JOINT

| SQUARE DRIVE | MODEL NO. | DIA mm (inch) | OAL mm (inch) | Wt. Kg. (lbs.) |
|--------------|-----------|---------------|---------------|----------------|
| 3/8" | U0606 | 22.0 (0.866) | 52.0 (2.047) | 0.12 (0.27) |



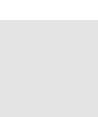
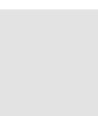
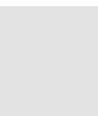
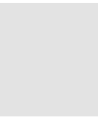
DOUBLE MALE EXTENSIONS

| OAL mm | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) | Wt. Kg. (lbs.) |
|-----------|-----------|---------------------|--------------------|----------------|
| 75 (3") | S0603 | 13.0 (0.511) | 9.3 (0.366) | 0.06 (0.13) |
| 125 (5") | S0605 | | | 0.12 (0.26) |
| 250 (10") | S0610 | | | 0.30 (0.66) |



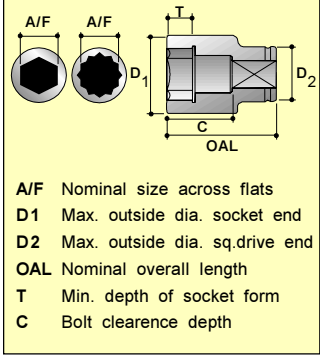
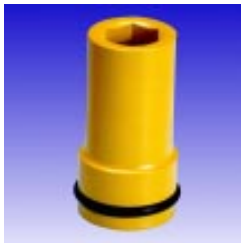
DOUBLE FEMALE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) | Wt. Kg. (lbs.) |
|-----------------|-----------|--------------------|---------------|----------------|
| 3/8" F X 1/2" F | AN0608 | 22.0 (0.866) | 38.0 (1.496) | 0.90 (1.98) |
| 3/8" F X 3/8" F | AN0606 | | 35.0 (1.377) | 0.70 (1.54) |



1/2"

IMPACT SOCKETS



METRIC HEXAGON

| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 8 | S-08M8 | 16.0 | 25.0 | 6.0 | 15.0 | 32.0 | 0.080 |
| 9 | S-08M9 | 16.0 | 25.0 | 7.0 | 15.0 | 32.0 | 0.080 |
| 10 | S-08M10 | 18.0 | 25.0 | 8.0 | 15.0 | 32.0 | 0.090 |
| 11 | S-08M11 | 20.0 | 25.0 | 9.0 | 15.0 | 32.0 | 0.090 |
| 12 | S-08M12 | 20.0 | 25.0 | 9.0 | 17.0 | 34.0 | 0.080 |
| 13 | S-08M13 | 23.0 | 25.0 | 10.0 | 17.0 | 34.0 | 0.080 |
| 14 | S-08M14 | 23.0 | 25.0 | 10.0 | 17.0 | 34.0 | 0.080 |
| 15 | S-08M15 | 25.0 | 30.0 | 11.0 | 19.0 | 36.0 | 0.140 |
| 16 | S-08M16 | 27.0 | 30.0 | 11.0 | 19.0 | 36.0 | 0.130 |
| 17 | S-08M17 | 27.0 | 30.0 | 12.0 | 19.0 | 36.0 | 0.130 |
| 18 | S-08M18 | 30.0 | 30.0 | 13.0 | 19.0 | 36.0 | 0.130 |
| 19 | S-08M19 | 30.0 | 30.0 | 13.0 | 19.0 | 36.0 | 0.130 |
| 21 | S-08M21 | 32.0 | 30.0 | 14.0 | 21.0 | 38.0 | 0.170 |
| 22 | S-08M22 | 32.0 | 30.0 | 14.0 | 21.0 | 38.0 | 0.180 |
| 23 | S-08M23 | 36.0 | 30.0 | 14.0 | 23.0 | 41.0 | 0.210 |
| 24 | S-08M24 | 36.0 | 30.0 | 14.0 | 23.0 | 41.0 | 0.230 |
| 25 | S-08M25 | 40.0 | 30.0 | 14.0 | 23.0 | 41.0 | 0.230 |
| 26 | S-08M26 | 40.0 | 35.0 | 16.0 | 23.0 | 41.0 | 0.270 |
| 27 | S-08M27 | 40.0 | 35.0 | 16.0 | 23.0 | 41.0 | 0.270 |
| 28 | S-08M28 | 41.0 | 35.0 | 16.0 | 25.0 | 42.0 | 0.260 |
| 30 | S-08M30 | 43.0 | 35.0 | 17.0 | 28.0 | 45.0 | 0.290 |
| 32 | S-08M32 | 45.0 | 35.0 | 18.0 | 28.0 | 45.0 | 0.390 |
| 36 | S-08M36 | 50.0 | 44.0 | 20.0 | 31.0 | 48.0 | 0.550 |

FRACTIONAL HEXAGON

| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 3/8 | S-0806 | 0.708 | 0.984 | 0.275 | 0.590 | 1.259 | 0.175 |
| 7/16 | S-0807 | 0.787 | 0.984 | 0.354 | 0.590 | 1.259 | 0.175 |
| 1/2 | S-0808 | 0.905 | 0.984 | 0.354 | 0.699 | 1.338 | 0.175 |
| 9/16 | S-0809 | 0.905 | 0.984 | 0.393 | 0.699 | 1.338 | 0.185 |
| 5/8 | S-0810 | 1.062 | 1.181 | 0.433 | 0.748 | 1.417 | 0.285 |
| 11/16 | S-0811 | 1.181 | 1.181 | 0.472 | 0.748 | 1.417 | 0.305 |
| 3/4 | S-0812 | 1.181 | 1.181 | 0.511 | 0.748 | 1.417 | 0.305 |
| 13/16 | S-0813 | 1.259 | 1.181 | 0.551 | 0.826 | 1.496 | 0.395 |
| 7/8 | S-0814 | 1.259 | 1.181 | 0.551 | 0.826 | 1.496 | 0.375 |
| 15/16 | S-0815 | 1.417 | 1.181 | 0.551 | 0.905 | 1.614 | 0.450 |
| 1 | S-0816 | 1.574 | 1.181 | 0.629 | 0.905 | 1.614 | 0.505 |
| 1.1/16 | S-0817 | 1.574 | 1.377 | 0.629 | 0.905 | 1.614 | 0.625 |
| 1.1/8 | S-0818 | 1.614 | 1.377 | 0.629 | 0.984 | 1.653 | 0.725 |
| 1.3/16 | S-0819 | 1.692 | 1.377 | 0.669 | 1.102 | 1.771 | 0.770 |
| 1.1/4 | S-0820 | 1.771 | 1.377 | 0.669 | 1.102 | 1.771 | 0.880 |
| 1.5/16 | S-0821 | 1.850 | 1.377 | 0.708 | 1.102 | 1.771 | 0.945 |
| 1.3/8 | S-0822 | 1.968 | 1.377 | 0.787 | 1.220 | 1.889 | 1.080 |
| 1.7/16 | S-0823 | 1.968 | 1.732 | 0.866 | 1.220 | 1.889 | 1.210 |
| 1.1/2 | S-0824 | 2.086 | 1.732 | 0.866 | 1.338 | 2.007 | 1.255 |

METRIC DEEP HEXAGON

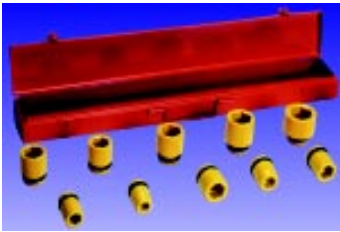
| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 8 | S-08M8L | 16.0 | 25.0 | 6.0 | 68.0 | 85.0 | 0.155 |
| 9 | S-08M9L | 16.0 | 25.0 | 7.0 | 68.0 | 85.0 | 0.155 |
| 10 | S-08M10L | 18.0 | 25.0 | 8.0 | 68.0 | 85.0 | 0.155 |
| 11 | S-08M11L | 20.0 | 25.0 | 9.0 | 68.0 | 85.0 | 0.175 |
| 12 | S-08M12L | 20.0 | 25.0 | 9.0 | 68.0 | 85.0 | 0.175 |
| 13 | S-08M13L | 23.0 | 25.0 | 10.0 | 68.0 | 85.0 | 0.200 |
| 14 | S-08M14L | 23.0 | 25.0 | 10.0 | 68.0 | 85.0 | 0.225 |
| 15 | S-08M15L | 25.0 | 30.0 | 11.0 | 68.0 | 85.0 | 0.300 |
| 16 | S-08M16L | 27.0 | 30.0 | 11.0 | 68.0 | 85.0 | 0.305 |
| 17 | S-08M17L | 27.0 | 30.0 | 12.0 | 68.0 | 85.0 | 0.335 |
| 18 | S-08M18L | 30.0 | 30.0 | 13.0 | 68.0 | 85.0 | 0.350 |
| 19 | S-08M19L | 30.0 | 30.0 | 13.0 | 68.0 | 85.0 | 0.338 |
| 21 | S-08M21L | 32.0 | 30.0 | 14.0 | 68.0 | 85.0 | 0.350 |
| 22 | S-08M22L | 32.0 | 30.0 | 14.0 | 68.0 | 85.0 | 0.415 |
| 23 | S-08M23L | 36.0 | 30.0 | 14.0 | 68.0 | 85.0 | 0.405 |
| 24 | S-08M24L | 36.0 | 30.0 | 14.0 | 68.0 | 85.0 | 0.400 |
| 25 | S-08M25L | 40.0 | 30.0 | 14.0 | 68.0 | 85.0 | 0.480 |
| 26 | S-08M26L | 40.0 | 35.0 | 16.0 | 68.0 | 85.0 | 0.490 |
| 27 | S-08M27L | 40.0 | 35.0 | 16.0 | 68.0 | 85.0 | 0.750 |
| 28 | S-08M28L | 41.0 | 35.0 | 16.0 | 68.0 | 85.0 | 0.600 |
| 30 | S-08M30L | 43.0 | 35.0 | 17.0 | 68.0 | 85.0 | 0.775 |
| 32 | S-08M32L | 45.0 | 35.0 | 18.0 | 68.0 | 85.0 | 0.775 |
| 36 | S-08M36L | 50.0 | 44.0 | 20.0 | 68.0 | 85.0 | 0.800 |

FRACTIONAL DEEP HEXAGON

| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 3/8 | S-0806L | 0.708 | 0.984 | 0.275 | 2.676 | 3.346 | 0.285 |
| 7/16 | S-0807L | 0.787 | 0.984 | 0.354 | 2.676 | 3.346 | 0.330 |
| 1/2 | S-0808L | 0.905 | 0.984 | 0.354 | 2.676 | 3.346 | 0.400 |
| 9/16 | S-0809L | 0.905 | 0.984 | 0.393 | 2.676 | 3.346 | 0.485 |
| 5/8 | S-0810L | 1.062 | 1.181 | 0.433 | 2.676 | 3.346 | 0.530 |
| 11/16 | S-0811L | 1.181 | 1.181 | 0.472 | 2.676 | 3.346 | 0.530 |
| 3/4 | S-0812L | 1.181 | 1.181 | 0.511 | 2.676 | 3.346 | 0.705 |
| 13/16 | S-0813L | 1.259 | 1.181 | 0.551 | 2.676 | 3.346 | 0.750 |
| 7/8 | S-0814L | 1.259 | 1.181 | 0.551 | 2.676 | 3.346 | 0.750 |
| 15/16 | S-0815L | 1.417 | 1.181 | 0.551 | 2.676 | 3.346 | 0.880 |
| 1 | S-0816L | 1.574 | 1.181 | 0.629 | 2.676 | 3.346 | 1.210 |
| 1.1/16 | S-0817L | 1.574 | 1.377 | 0.629 | 2.676 | 3.346 | 1.210 |
| 1.1/8 | S-0818L | 1.614 | 1.377 | 0.629 | 2.676 | 3.346 | 1.265 |
| 1.3/16 | S-0819L | 1.692 | 1.377 | 0.669 | 2.676 | 3.346 | 1.375 |
| 1.1/4 | S-0820L | 1.771 | 1.377 | 0.669 | 2.676 | 3.346 | 1.715 |
| 1.5/16 | S-0821L | 1.850 | 1.377 | 0.708 | 2.676 | 3.346 | 1.780 |
| 1.3/8 | S-0822L | 1.968 | 1.377 | 0.787 | 2.676 | 3.346 | 1.800 |
| 1.7/16 | S-0823L | 1.968 | 1.732 | 0.866 | 2.676 | 3.346 | 1.870 |
| 1.1/2 | S-0824L | 2.086 | 1.732 | 0.866 | 2.676 | 3.346 | 1.915 |

IMPACT SOCKET SETS

1/2"



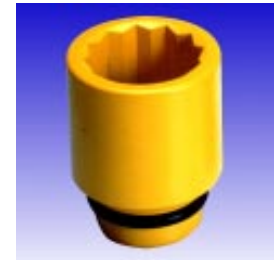
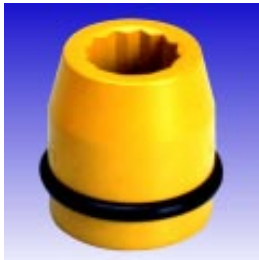
METRIC SIZE

| MODEL NO. | QTY. | SOCKET A/F |
|-----------|----------------|---|
| S-08M51 | 13 PIECES | 8,9,10,11,12,13,14,15,16,17,18,19,21 |
| S-08M52 | 16 PIECES | 10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27 |
| S-08M53 | 6 PIECES | 13,14,15,16,17,18 |
| S-08LM51 | 16 PIECES DEEP | 10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27 |
| S-08LM52 | 12 PIECES DEEP | 10,11,12,13,14,15,16,17,18,19,20,21 |

FRACTIONAL SIZE

| MODEL NO. | QTY. | SOCKET A/F |
|-----------|--------------------|---|
| S-0851 | 11 PIECES + UJOINT | 1/2,9/16,5/8,3/4,13/16,7/8,15/16, 1, 1.1/16,1.1/8,U-JOINT |
| S-0852 | 13 PIECES | 7/16,1/2,9/16,5/8,11/16,3/4,13/16, 7/8,15/16,1.1,1.1/16,1.1/8,1.3/4 |
| S-0853 | 7 PIECES | 7/16,1/2,9/16,5/8,11/16,3/4,13/16 |
| S-08L51 | 14 PIECES DEEP | 3/8,7/16,1/2,9/16,5/8,11/16,3/4,13/16, 7/8,15/16,1.1,1.1/16,1.1/8,1.1/4 |
| S-08L52 | 7 PIECES DEEP | 7/16,1/2,9/16,5/8,11/16,3/4,13/16 |

IMPACT SOCKETS



METRIC BIHEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 8 | 08M8DH | 16.0 | 25.0 | 6.0 | 15.0 | 32.0 | 0.080 |
| 9 | 08M9DH | 16.0 | 25.0 | 7.0 | 15.0 | 32.0 | 0.080 |
| 10 | 08M10DH | 18.0 | 25.0 | 8.0 | 15.0 | 32.0 | 0.090 |
| 11 | 08M11DH | 20.0 | 25.0 | 9.0 | 15.0 | 32.0 | 0.090 |
| 12 | 08M12DH | 20.0 | 25.0 | 9.0 | 17.0 | 34.0 | 0.080 |
| 13 | 08M13DH | 23.0 | 25.0 | 10.0 | 17.0 | 34.0 | 0.080 |
| 14 | 08M14DH | 23.0 | 25.0 | 10.0 | 17.0 | 34.0 | 0.080 |
| 15 | 08M15DH | 25.0 | 30.0 | 11.0 | 19.0 | 36.0 | 0.140 |
| 16 | 08M16DH | 27.0 | 30.0 | 11.0 | 19.0 | 36.0 | 0.130 |
| 17 | 08M17DH | 27.0 | 30.0 | 12.0 | 19.0 | 36.0 | 0.130 |
| 18 | 08M18DH | 30.0 | 30.0 | 13.0 | 19.0 | 36.0 | 0.130 |
| 19 | 08M19DH | 30.0 | 30.0 | 13.0 | 19.0 | 36.0 | 0.130 |
| 21 | 08M21DH | 32.0 | 30.0 | 14.0 | 21.0 | 38.0 | 0.170 |
| 22 | 08M22DH | 32.0 | 30.0 | 14.0 | 21.0 | 38.0 | 0.180 |
| 23 | 08M23DH | 32.0 | 30.0 | 14.0 | 23.0 | 41.0 | 0.210 |
| 24 | 08M24DH | 36.0 | 30.0 | 14.0 | 23.0 | 41.0 | 0.230 |
| 25 | 08M25DH | 40.0 | 30.0 | 14.0 | 23.0 | 41.0 | 0.230 |
| 26 | 08M26DH | 40.0 | 35.0 | 16.0 | 23.0 | 41.0 | 0.270 |
| 27 | 08M27DH | 40.0 | 35.0 | 16.0 | 23.0 | 41.0 | 0.270 |
| 28 | 08M28DH | 41.0 | 35.0 | 16.0 | 25.0 | 42.0 | 0.260 |
| 30 | 08M30DH | 43.0 | 35.0 | 17.0 | 28.0 | 45.0 | 0.290 |
| 32 | 08M32DH | 45.0 | 35.0 | 18.0 | 28.0 | 45.0 | 0.390 |
| 36 | 08M36DH | 50.0 | 44.0 | 20.0 | 31.0 | 48.0 | 0.490 |

FRACTIONAL BIHEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 7/16 | 0807DH | 0.787 | 0.984 | 0.354 | 0.590 | 1.259 | 0.175 |
| 1/2 | 0808DH | 0.905 | 0.984 | 0.354 | 0.699 | 1.338 | 0.175 |
| 9/16 | 0809DH | 0.905 | 0.984 | 0.393 | 0.699 | 1.338 | 0.190 |
| 5/8 | 0810DH | 1.062 | 1.181 | 0.433 | 0.748 | 1.417 | 0.285 |
| 11/16 | 0811DH | 1.181 | 1.181 | 0.472 | 0.748 | 1.417 | 0.310 |
| 3/4 | 0812DH | 1.181 | 1.181 | 0.511 | 0.748 | 1.417 | 0.310 |
| 13/16 | 0813DH | 1.259 | 1.181 | 0.551 | 0.826 | 1.496 | 0.400 |
| 7/8 | 0814DH | 1.259 | 1.181 | 0.551 | 0.826 | 1.496 | 0.375 |
| 15/16 | 0815DH | 1.417 | 1.181 | 0.551 | 0.905 | 1.614 | 0.450 |
| 1 | 0816DH | 1.574 | 1.181 | 0.629 | 0.905 | 1.614 | 0.505 |
| 1.1/16 | 0817DH | 1.574 | 1.377 | 0.629 | 0.905 | 1.614 | 0.625 |
| 1.1/8 | 0818DH | 1.614 | 1.377 | 0.629 | 0.984 | 1.653 | 0.725 |
| 1.3/16 | 0819DH | 1.692 | 1.377 | 0.669 | 1.102 | 1.771 | 0.770 |
| 1.1/4 | 0820DH | 1.771 | 1.377 | 0.669 | 1.102 | 1.771 | 0.880 |
| 1.5/16 | 0821DH | 1.850 | 1.377 | 0.708 | 1.102 | 1.771 | 0.945 |
| 1.3/8 | 0822DH | 1.968 | 1.377 | 0.787 | 1.220 | 1.889 | 1.080 |
| 1.7/16 | 0823DH | 1.968 | 1.732 | 0.866 | 1.220 | 1.889 | 1.255 |
| 1.1/2 | 0824DH | 2.086 | 1.732 | 0.866 | 1.338 | 2.007 | 1.255 |

1/2"

IMPACT SOCKETS THINWALL

METRIC HEXAGON

| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 15 | S-08M15T | 22.0 | 30.0 | 11.0 | 19.0 | 36.0 | 0.120 |
| 16 | S-08M16T | 23.3 | 30.0 | 11.0 | 19.0 | 36.0 | 0.120 |
| 17 | S-08M17T | 24.5 | 30.0 | 12.0 | 19.0 | 36.0 | 0.120 |
| 18 | S-08M18T | 26.0 | 30.0 | 13.0 | 19.0 | 36.0 | 0.120 |
| 19 | S-08M19T | 27.0 | 30.0 | 13.0 | 19.0 | 36.0 | 0.120 |
| 21 | S-08M21T | 29.5 | 30.0 | 14.0 | 21.0 | 38.0 | 0.160 |

FRACTIONAL HEXAGON

| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 9/16 | S-0809T | 0.826 | 0.984 | 0.393 | 0.669 | 1.338 | 0.165 |
| 5/8 | S-0810T | 0.905 | 1.181 | 0.433 | 0.748 | 1.417 | 0.240 |
| 11/16 | S-0811T | 0.984 | 1.181 | 0.472 | 0.748 | 1.417 | 0.265 |
| 3/4 | S-0812T | 1.062 | 1.181 | 0.511 | 0.748 | 1.417 | 0.265 |
| 13/16 | S-0813T | 1.141 | 1.181 | 0.551 | 0.826 | 1.496 | 0.350 |
| 15/16 | S-0815T | 1.318 | 1.181 | 0.551 | 0.905 | 1.614 | 0.420 |

Thinwall Deep Hexagon Sockets available on request.

IMPACT ACCESSORIES

METRIC HEX DRIVER SOCKETS

| HEX A/F mm | MODEL NO. | BIT LENGTH | OAL mm | Wt. kg. |
|------------|-----------|------------|--------|---------|
| 6 | 08M6H | 15.0 | 50.0 | 0.080 |
| 8 | 08M8H | 15.0 | 50.0 | 0.080 |
| 10 | 08M10H | 18.0 | 55.0 | 0.090 |
| 12 | 08M12H | 18.0 | 60.0 | 0.110 |
| 14 | 08M14H | 25.0 | 60.0 | 0.125 |
| 17 | 08M17H | 25.0 | 60.0 | 0.145 |

FRACTIONAL HEX DRIVE SOCKETS

| HEX A/F inch | MODEL NO. | BIT LENGTH | OAL inch | Wt. lbs. |
|--------------|-----------|------------|----------|----------|
| 1/4 | 0804H | 0.590 | 1.968 | 0.160 |
| 5/16 | 0805H | 0.590 | 1.968 | 0.175 |
| 3/8 | 0806H | 0.708 | 2.165 | 0.190 |
| 7/16 | 0807H | 0.708 | 2.362 | 0.200 |
| 1/2 | 0808H | 0.708 | 2.362 | 0.255 |
| 9/16 | 0809H | 0.984 | 2.362 | 0.255 |

REGULAR EXTENSIONS

| OAL mm (inch) | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) | Wt. Kg. (lbs.) |
|---------------|-----------|---------------------|--------------------|----------------|
| 75 (3") | E0803 | | | 0.20 (0.44) |
| 125 (5") | E0805 | 20.0 (0.787) | 30.0 (1.181) | 0.27 (0.59) |
| 200 (8") | E0810 | | | 0.38 (0.83) |



SQUARE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) | Wt. Kg. (lbs.) |
|-----------------|-----------|--------------------|---------------|----------------|
| 1/2" F X 3/4" M | A0812 | 30.0 (1.181) | 50.0 (1.968) | 0.17 (0.37) |



UNIVERSAL JOINT

| SQUARE DRIVE | MODEL NO. | DIA mm (inch) | OAL mm (inch) | Wt. Kg. (lbs.) |
|--------------|-----------|---------------|---------------|----------------|
| 1/2" | U0808 | 30.0 (1.181) | 72.0 (2.834) | 0.25 (0.55) |



DOUBLE MALE EXTENSIONS

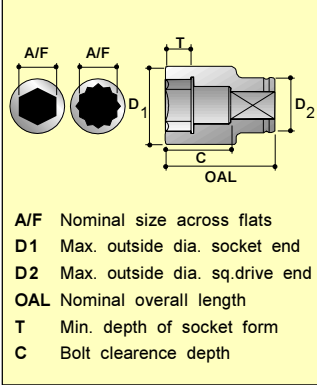
| OAL mm (inch) | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) | Wt. Kg. (lbs.) |
|---------------|-----------|---------------------|--------------------|----------------|
| 50 (2") | S0802 | | | 0.12 (0.26) |
| 127 (5") | S0805 | 17.0 (0.669) | 12.7 (0.500) | 0.23 (0.50) |
| 254 (10") | S0810 | | | 0.30 (0.66) |



DOUBLE FEMALE ADAPTORS

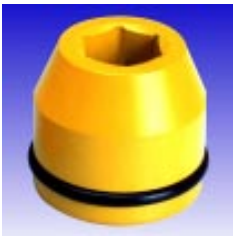
| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) | Wt. Kg. (lbs.) |
|-----------------|-----------|--------------------|---------------|----------------|
| 1/2" F X 1/2" F | AN0808 | | 39.0 (1.534) | 0.16 (0.35) |
| 1/2" F X 3/4" F | AN0812 | 30.0 (1.181) | 47.0 (1.850) | 0.20 (0.44) |





IMPACT SOCKETS

3/4"



METRIC HEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 17 | S-12M17 | 32.0 | 44.0 | 12.0 | 20.0 | 45.0 | 0.370 |
| 19 | S-12M19 | 33.0 | 44.0 | 12.0 | 20.0 | 45.0 | 0.370 |
| 21 | S-12M21 | 36.0 | 44.0 | 13.0 | 23.0 | 48.0 | 0.380 |
| 22 | S-12M22 | 37.0 | 44.0 | 13.0 | 23.0 | 48.0 | 0.380 |
| 23 | S-12M23 | 41.0 | 44.0 | 13.0 | 23.0 | 48.0 | 0.380 |
| 24 | S-12M24 | 41.0 | 44.0 | 16.0 | 23.0 | 48.0 | 0.400 |
| 26 | S-12M26 | 41.0 | 44.0 | 16.0 | 23.0 | 48.0 | 0.400 |
| 27 | S-12M27 | 43.0 | 44.0 | 16.0 | 23.0 | 48.0 | 0.400 |
| 28 | S-12M28 | 45.0 | 44.0 | 18.0 | 23.0 | 48.0 | 0.410 |
| 30 | S-12M30 | 47.0 | 44.0 | 18.0 | 27.0 | 52.0 | 0.425 |
| 32 | S-12M32 | 50.0 | 44.0 | 19.0 | 27.0 | 55.0 | 0.460 |
| 33 | S-12M33 | 50.0 | 44.0 | 19.0 | 30.0 | 55.0 | 0.480 |
| 34 | S-12M34 | 52.0 | 44.0 | 20.0 | 30.0 | 55.0 | 0.500 |
| 36 | S-12M36 | 54.0 | 44.0 | 20.0 | 31.0 | 56.0 | 0.575 |
| 38 | S-12M38 | 57.0 | 44.0 | 20.0 | 34.0 | 59.0 | 0.600 |
| 41 | S-12M41 | 61.0 | 44.0 | 22.0 | 34.0 | 59.0 | 0.625 |
| 42 | S-12M42 | 64.0 | 44.0 | 22.0 | 34.0 | 59.0 | 0.625 |
| 43 | S-12M43 | 64.0 | 44.0 | 22.0 | 39.0 | 64.0 | 0.625 |
| 46 | S-12M46 | 67.0 | 44.0 | 23.0 | 39.0 | 64.0 | 0.825 |
| 50 | S-12M50 | 73.0 | 54.0 | 25.0 | 42.0 | 67.0 | 1.300 |

FRACTIONAL HEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 9/16 | S-1209 | 1.023 | 1.732 | 0.472 | 0.771 | 1.771 | 0.485 |
| 5/8 | S-1210 | 1.181 | 1.732 | 0.472 | 0.771 | 1.771 | 0.795 |
| 11/16 | S-1211 | 1.259 | 1.732 | 0.472 | 0.771 | 1.771 | 0.835 |
| 3/4 | S-1212 | 1.299 | 1.732 | 0.472 | 0.771 | 1.771 | 0.835 |
| 13/16 | S-1213 | 1.417 | 1.732 | 0.511 | 0.889 | 1.889 | 0.880 |
| 7/8 | S-1214 | 1.456 | 1.732 | 0.511 | 0.889 | 1.889 | 0.880 |
| 15/16 | S-1215 | 1.614 | 1.732 | 0.629 | 0.889 | 1.889 | 0.880 |
| 1 | S-1216 | 1.614 | 1.732 | 0.629 | 0.889 | 1.889 | 0.880 |
| 1.1/16 | S-1217 | 1.629 | 1.732 | 0.629 | 0.889 | 1.889 | 0.880 |
| 1.1/8 | S-1218 | 1.771 | 1.732 | 0.708 | 0.889 | 1.889 | 0.915 |
| 1.3/16 | S-1219 | 1.850 | 1.732 | 0.708 | 1.047 | 2.047 | 0.935 |
| 1.1/4 | S-1220 | 1.968 | 1.732 | 0.748 | 1.047 | 2.047 | 0.980 |
| 1.5/16 | S-1221 | 2.047 | 1.732 | 0.748 | 1.165 | 2.165 | 1.035 |
| 1.3/8 | S-1222 | 2.125 | 1.732 | 0.787 | 1.165 | 2.165 | 1.210 |
| 1.7/16 | S-1223 | 2.125 | 1.732 | 0.787 | 1.204 | 2.204 | 1.210 |
| 1.1/2 | S-1224 | 2.244 | 1.732 | 0.787 | 1.322 | 2.322 | 1.375 |
| 1.9/16 | S-1225 | 2.401 | 1.732 | 0.787 | 1.322 | 2.322 | 1.375 |
| 1.5/8 | S-1226 | 2.401 | 1.732 | 0.866 | 1.322 | 2.322 | 1.320 |
| 1.11/16 | S-1227 | 2.519 | 1.732 | 0.866 | 1.519 | 2.519 | 1.375 |
| 1.3/4 | S-1228 | 2.519 | 1.732 | 0.866 | 1.519 | 2.519 | 1.540 |
| 1.13/16 | S-1229 | 2.637 | 2.125 | 0.905 | 1.519 | 2.519 | 1.815 |
| 1.7/8 | S-1230 | 2.755 | 2.125 | 0.905 | 1.519 | 2.519 | 2.310 |
| 2 | S-1232 | 2.874 | 2.125 | 0.984 | 1.637 | 2.637 | 2.640 |

METRIC DEEP HEXAGON

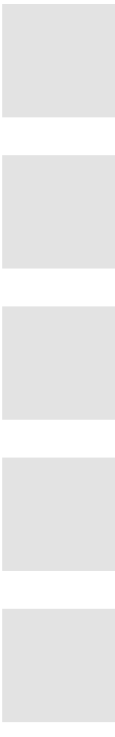
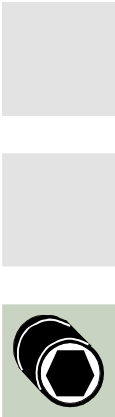


| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 17 | S-12M17L | 32.0 | 44.0 | 12.0 | 50.0 | 75.0 | 0.600 |
| 19 | S-12M19L | 33.0 | 44.0 | 12.0 | 50.0 | 75.0 | 0.600 |
| 21 | S-12M21L | 36.0 | 44.0 | 13.0 | 50.0 | 75.0 | 0.630 |
| 22 | S-12M22L | 37.0 | 44.0 | 13.0 | 65.0 | 90.0 | 0.680 |
| 23 | S-12M23L | 41.0 | 44.0 | 13.0 | 65.0 | 90.0 | 0.680 |
| 24 | S-12M24L | 41.0 | 44.0 | 16.0 | 65.0 | 90.0 | 0.710 |
| 26 | S-12M26L | 41.0 | 44.0 | 16.0 | 65.0 | 90.0 | 0.710 |
| 27 | S-12M27L | 43.0 | 44.0 | 16.0 | 65.0 | 90.0 | 0.710 |
| 28 | S-12M28L | 45.0 | 44.0 | 18.0 | 65.0 | 90.0 | 0.710 |
| 30 | S-12M30L | 47.0 | 44.0 | 18.0 | 65.0 | 90.0 | 0.750 |
| 32 | S-12M32L | 50.0 | 44.0 | 19.0 | 65.0 | 90.0 | 0.810 |
| 33 | S-12M33L | 50.0 | 44.0 | 19.0 | 65.0 | 90.0 | 0.810 |
| 34 | S-12M34L | 52.0 | 44.0 | 20.0 | 65.0 | 90.0 | 0.800 |
| 36 | S-12M36L | 54.0 | 44.0 | 20.0 | 65.0 | 90.0 | 0.875 |
| 38 | S-12M38L | 57.0 | 44.0 | 20.0 | 65.0 | 90.0 | 0.900 |
| 41 | S-12M41L | 61.0 | 44.0 | 22.0 | 65.0 | 90.0 | 0.925 |
| 42 | S-12M42L | 64.0 | 44.0 | 22.0 | 70.0 | 95.0 | 1.100 |
| 43 | S-12M43L | 64.0 | 44.0 | 22.0 | 70.0 | 95.0 | 1.100 |
| 46 | S-12M46L | 67.0 | 44.0 | 23.0 | 75.0 | 100.0 | 1.325 |
| 50 | S-12M50L | 73.0 | 54.0 | 25.0 | 75.0 | 100.0 | 1.600 |

FRACTIONAL DEEP HEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 9/16 | S-1209L | 1.023 | 1.732 | 0.472 | 1.952 | 2.952 | 1.100 |
| 5/8 | S-1210L | 1.181 | 1.732 | 0.472 | 1.952 | 2.952 | 1.165 |
| 11/16 | S-12011L | 1.259 | 1.732 | 0.472 | 1.952 | 2.952 | 1.320 |
| 3/4 | S-1212L | 1.299 | 1.732 | 0.472 | 1.952 | 2.952 | 1.320 |
| 13/16 | S-1213L | 1.417 | 1.732 | 0.511 | 1.952 | 2.952 | 1.595 |
| 7/8 | S-1214L | 1.456 | 1.732 | 0.511 | 2.543 | 3.543 | 1.650 |
| 15/16 | S-1215L | 1.614 | 1.732 | 0.629 | 2.543 | 3.543 | 1.815 |
| 1 | S-1216L | 1.614 | 1.732 | 0.629 | 2.543 | 3.543 | 1.870 |
| 1.1/16 | S-1217L | 1.629 | 1.732 | 0.629 | 2.543 | 3.543 | 1.870 |
| 1.1/8 | S-1218L | 1.771 | 1.732 | 0.708 | 2.543 | 3.543 | 1.935 |
| 1.3/16 | S-1219L | 1.850 | 1.732 | 0.708 | 2.543 | 3.543 | 1.980 |
| 1.1/4 | S-1220L | 1.968 | 1.732 | 0.748 | 2.543 | 3.543 | 1.980 |
| 1.5/16 | S-1221L | 2.047 | 1.732 | 0.748 | 2.543 | 3.543 | 2.090 |
| 1.3/8 | S-1222L | 2.125 | 1.732 | 0.787 | 2.543 | 3.543 | 2.090 |
| 1.7/16 | S-1223L | 2.125 | 1.732 | 0.787 | 2.543 | 3.543 | 2.120 |
| 1.1/2 | S-1224L | 2.244 | 1.732 | 0.787 | 2.543 | 3.543 | 2.360 |
| 1.9/16 | S-1225L | 2.401 | 1.732 | 0.787 | 2.543 | 3.543 | 2.450 |
| 1.5/8 | S-1226L | 2.401 | 1.732 | 0.866 | 2.543 | 3.543 | 2.580 |
| 1.11/16 | S-1227L | 2.519 | 1.732 | 0.866 | 2.740 | 3.740 | 2.660 |
| 1.3/4 | S-1228L | 2.519 | 1.732 | 0.866 | 2.740 | 3.740 | 2.740 |
| 1.13/16 | S-1229L | 2.637 | 2.125 | 0.905 | 2.937 | 3.937 | 2.870 |
| 1.7/8 | S-1230L | 2.755 | 2.125 | 0.905 | 2.937 | 3.937 | 3.090 |
| 2 | S-1232L | 2.874 | 2.125 | 0.984 | 2.937 | 3.937 | 3.180 |



3/4"

IMPACT SOCKETS

METRIC BIHEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 17 | 12M17DH | 32.0 | 44.0 | 12.0 | 20.0 | 45.0 | 0.370 |
| 19 | 12M19DH | 33.0 | 44.0 | 12.0 | 20.0 | 45.0 | 0.370 |
| 21 | 12M21DH | 36.0 | 44.0 | 13.0 | 23.0 | 48.0 | 0.380 |
| 22 | 12M22DH | 37.0 | 44.0 | 13.0 | 23.0 | 48.0 | 0.380 |
| 23 | 12M23DH | 41.0 | 44.0 | 13.0 | 23.0 | 48.0 | 0.390 |
| 24 | 12M24DH | 41.0 | 44.0 | 16.0 | 23.0 | 48.0 | 0.400 |
| 26 | 12M26DH | 41.0 | 44.0 | 16.0 | 23.0 | 48.0 | 0.400 |
| 27 | 12M27DH | 43.0 | 44.0 | 16.0 | 23.0 | 48.0 | 0.400 |
| 28 | 12M28DH | 45.0 | 44.0 | 18.0 | 23.0 | 48.0 | 0.410 |
| 30 | 12M30DH | 47.0 | 44.0 | 18.0 | 27.0 | 52.0 | 0.425 |
| 32 | 12M32DH | 50.0 | 44.0 | 19.0 | 27.0 | 52.0 | 0.460 |
| 33 | 12M33DH | 50.0 | 44.0 | 19.0 | 30.0 | 55.0 | 0.480 |
| 34 | 12M34DH | 52.0 | 44.0 | 20.0 | 30.0 | 55.0 | 0.500 |
| 36 | 12M36DH | 54.0 | 44.0 | 20.0 | 31.0 | 56.0 | 0.575 |
| 38 | 12M38DH | 57.0 | 44.0 | 20.0 | 34.0 | 59.0 | 0.600 |
| 41 | 12M41DH | 61.0 | 44.0 | 22.0 | 34.0 | 59.0 | 0.625 |
| 42 | 12M42DH | 64.0 | 44.0 | 22.0 | 34.0 | 59.0 | 0.625 |
| 43 | 12M43DH | 64.0 | 44.0 | 22.0 | 39.0 | 64.0 | 0.625 |
| 46 | 12M46DH | 67.0 | 54.0 | 23.0 | 39.0 | 64.0 | 0.825 |
| 50 | 12M50DH | 73.0 | 54.0 | 25.0 | 42.0 | 67.0 | 1.300 |
| 55 | 12M55DH | 78.0 | 54.0 | 28.0 | 46.0 | 71.0 | 1.850 |
| 60 | 12M60DH | 84.0 | 54.0 | 30.0 | 50.0 | 75.0 | 2.050 |

FRACTIONAL BIHEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 9/16 | 1209DH | 1.023 | 1.732 | 0.472 | 0.771 | 1.771 | 0.700 |
| 5/8 | 1210DH | 1.181 | 1.732 | 0.472 | 0.771 | 1.771 | 0.815 |
| 11/16 | 1211DH | 1.259 | 1.732 | 0.472 | 0.771 | 1.771 | 0.815 |
| 3/4 | 1212DH | 1.299 | 1.732 | 0.472 | 0.771 | 1.771 | 0.815 |
| 13/16 | 1213DH | 1.417 | 1.732 | 0.511 | 0.889 | 1.889 | 0.835 |
| 7/8 | 1214DH | 1.456 | 1.732 | 0.511 | 0.889 | 1.889 | 0.835 |
| 15/16 | 1215DH | 1.614 | 1.732 | 0.629 | 0.889 | 1.889 | 0.880 |
| 1 | 1216DH | 1.614 | 1.732 | 0.629 | 0.889 | 1.889 | 0.880 |
| 1.1/16 | 1217DH | 1.629 | 1.732 | 0.629 | 0.889 | 1.889 | 0.880 |
| 1.1/8 | 1218DH | 1.771 | 1.732 | 0.708 | 0.889 | 1.889 | 0.900 |
| 1.3/16 | 1219DH | 1.850 | 1.732 | 0.708 | 1.047 | 2.047 | 0.935 |
| 1.1/4 | 1220DH | 1.968 | 1.732 | 0.748 | 1.047 | 2.047 | 1.055 |
| 1.5/16 | 1221DH | 2.047 | 1.732 | 0.748 | 1.165 | 2.165 | 1.100 |
| 1.3/8 | 1222DH | 2.125 | 1.732 | 0.787 | 1.165 | 2.165 | 1.265 |
| 1.7/16 | 1223DH | 2.125 | 1.732 | 0.787 | 1.204 | 2.204 | 1.265 |
| 1.1/2 | 1224DH | 2.244 | 1.732 | 0.787 | 1.322 | 2.322 | 1.320 |
| 1.9/16 | 1225DH | 2.401 | 1.732 | 0.787 | 1.322 | 2.322 | 1.375 |
| 1.5/8 | 1226DH | 2.401 | 1.732 | 0.866 | 1.322 | 2.322 | 1.375 |
| 1.11/16 | 1227DH | 2.519 | 1.732 | 0.866 | 1.519 | 2.519 | 1.375 |
| 1.3/4 | 1228DH | 2.519 | 1.732 | 0.866 | 1.519 | 2.519 | 1.540 |
| 1.13/16 | 1229DH | 2.637 | 1.732 | 0.905 | 1.519 | 2.519 | 1.815 |
| 1.7/8 | 1230DH | 2.755 | 2.125 | 0.905 | 1.519 | 2.519 | 1.815 |
| 2 | 1232DH | 2.874 | 2.125 | 0.984 | 1.637 | 2.637 | 3.080 |

METRIC BISQUARE



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 32 | 12M32DS | 62.0 | 44.0 | 19.0 | 27.0 | 52.0 | 0.510 |
| 33 | 12M33DS | 65.0 | 44.0 | 19.0 | 27.0 | 52.0 | 0.540 |
| 34 | 12M34DS | 65.0 | 44.0 | 20.0 | 30.0 | 55.0 | 0.550 |
| 36 | 12M36DS | 68.0 | 44.0 | 20.0 | 30.0 | 55.0 | 0.610 |
| 38 | 12M38DS | 70.0 | 54.0 | 20.0 | 30.0 | 55.0 | 0.700 |
| 39 | 12M39DS | 73.0 | 54.0 | 20.0 | 30.0 | 55.0 | 0.725 |
| 40 | 12M40DS | 73.0 | 54.0 | 20.0 | 30.0 | 55.0 | 0.725 |
| 41 | 12M41DS | 75.0 | 54.0 | 22.0 | 33.0 | 58.0 | 0.750 |
| 42 | 12M42DS | 78.0 | 54.0 | 22.0 | 33.0 | 58.0 | 0.750 |
| 43 | 12M43DS | 78.0 | 54.0 | 22.0 | 33.0 | 58.0 | 0.750 |
| 46 | 12M46DS | 83.0 | 54.0 | 23.0 | 35.0 | 60.0 | 0.940 |

FRACTIONAL BISQUARE



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 1.1/4 | 1220DS | 2.440 | 1.732 | 0.748 | 1.047 | 2.047 | 1.120 |
| 1.5/16 | 1221DS | 2.559 | 1.732 | 0.748 | 1.047 | 2.047 | 1.210 |
| 1.3/8 | 1222DS | 2.677 | 1.732 | 0.787 | 1.165 | 2.165 | 1.340 |
| 1.7/16 | 1223DS | 2.755 | 2.125 | 0.787 | 1.165 | 2.165 | 1.495 |
| 1.1/2 | 1224DS | 2.755 | 2.125 | 0.787 | 1.165 | 2.165 | 1.540 |
| 1.9/16 | 1225DS | 2.874 | 2.125 | 0.787 | 1.166 | 2.165 | 1.595 |
| 1.5/8 | 1226DS | 2.952 | 2.125 | 0.787 | 1.283 | 2.283 | 1.650 |
| 1.11/16 | 1227DS | 3.070 | 2.125 | 0.866 | 1.283 | 2.283 | 1.650 |
| 1.3/4 | 1228DS | 3.149 | 2.125 | 0.866 | 1.283 | 2.283 | 1.760 |
| 1.13/16 | 1229DS | 3.267 | 2.125 | 0.905 | 1.362 | 2.362 | 2.070 |
| 1.7/8 | 1230DS | 3.346 | 2.125 | 0.905 | 1.362 | 2.362 | 2.110 |

METRIC DEEP BISQUARE

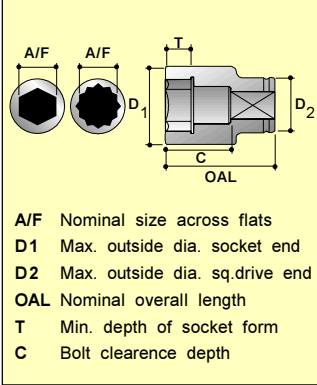


| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 32 | 12M32LDS | 62.0 | 44.0 | 19.0 | 65.0 | 90.0 | 0.910 |
| 33 | 12M33LDS | 65.0 | 44.0 | 19.0 | 65.0 | 90.0 | 0.940 |
| 34 | 12M34LDS | 65.0 | 44.0 | 20.0 | 65.0 | 90.0 | 0.950 |
| 36 | 12M36LDS | 68.0 | 44.0 | 20.0 | 65.0 | 90.0 | 1.010 |
| 38 | 12M38LDS | 70.0 | 54.0 | 20.0 | 65.0 | 90.0 | 1.100 |
| 39 | 12M39LDS | 73.0 | 54.0 | 20.0 | 65.0 | 90.0 | 1.125 |
| 40 | 12M40LDS | 73.0 | 54.0 | 20.0 | 65.0 | 90.0 | 1.125 |
| 41 | 12M41LDS | 75.0 | 54.0 | 22.0 | 65.0 | 90.0 | 1.150 |
| 42 | 12M42LDS | 78.0 | 54.0 | 22.0 | 70.0 | 95.0 | 1.150 |
| 43 | 12M43LDS | 78.0 | 54.0 | 22.0 | 70.0 | 95.0 | 1.150 |
| 46 | 12M46LDS | 83.0 | 54.0 | 23.0 | 75.0 | 100.0 | 1.340 |

FRACTIONAL DEEP BI SQUARE



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 1.1/4 | 1220LDS | 2.440 | 1.732 | 0.748 | 2.543 | 3.543 | 2.000 |
| 1.5/16 | 1221LDS | 2.559 | 1.732 | 0.748 | 2.543 | 3.543 | 2.090 |
| 1.3/8 | 1222LDS | 2.677 | 1.732 | 0.787 | 2.543 | 3.543 | 2.220 |
| 1.7/16 | 1223LDS | 2.755 | 2.125 | 0.787 | 2.543 | 3.543 | 2.375 |
| 1.1/2 | 1224LDS | 2.755 | 2.125 | 0.787 | 2.543 | 3.543 | 2.420 |
| 1.9/16 | 1225LDS | 2.874 | 2.125 | 0.787 | 2.543 | 3.543 | 2.475 |
| 1.5/8 | 1226LDS | 2.952 | 2.125 | 0.787 | 2.543 | 3.543 | 2.530 |
| 1.11/16 | 1227LDS | 3.070 | 2.125 | 0.866 | 2.740 | 3.740 | 2.530 |
| 1.3/4 | 1228LDS | 3.149 | 2.125 | 0.866 | 2.740 | 3.740 | 2.685 |
| 1.13/16 | 1229LDS | 3.267 | 2.125 | 0.905 | 2.937 | 3.937 | 2.950 |
| 1.7/8 | 1230LDS | 3.346 | 2.125 | 0.905 | 2.937 | 3.937 | 3.050 |



IMPACT SOCKETS THINWALL

3/4"



METRIC HEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 17 | S-12M17T | 27.9 | 44.0 | 12.0 | 20.0 | 45.0 | 0.350 |
| 19 | S-12M19T | 30.4 | 44.0 | 12.0 | 20.0 | 45.0 | 0.350 |
| 21 | S-12M21T | 32.9 | 44.0 | 13.0 | 23.0 | 48.0 | 0.360 |
| 22 | S-12M22T | 34.3 | 44.0 | 13.0 | 23.0 | 48.0 | 0.360 |
| 23 | S-12M23T | 35.5 | 44.0 | 13.0 | 23.0 | 48.0 | 0.370 |
| 24 | S-12M24T | 36.8 | 44.0 | 16.0 | 23.0 | 48.0 | 0.380 |
| 26 | S-12M26T | 38.5 | 44.0 | 16.0 | 23.0 | 48.0 | 0.380 |
| 27 | S-12M27T | 40.5 | 44.0 | 16.0 | 23.0 | 48.0 | 0.380 |
| 28 | S-12M28T | 41.8 | 44.0 | 16.0 | 23.0 | 48.0 | 0.390 |
| 30 | S-12M30T | 44.4 | 44.0 | 18.0 | 27.0 | 52.0 | 0.405 |
| 32 | S-12M32T | 46.8 | 44.0 | 19.0 | 27.0 | 52.0 | 0.460 |
| 33 | S-12M33T | 48.0 | 44.0 | 19.0 | 30.0 | 55.0 | 0.460 |
| 34 | S-12M34T | 49.3 | 44.0 | 20.0 | 30.0 | 55.0 | 0.470 |
| 36 | S-12M36T | 51.9 | 44.0 | 20.0 | 31.0 | 56.0 | 0.555 |
| 38 | S-12M38T | 54.4 | 44.0 | 20.0 | 34.0 | 59.0 | 0.560 |
| 41 | S-12M41T | 58.4 | 44.0 | 22.0 | 34.0 | 59.0 | 0.600 |
| 42 | S-12M42T | 59.4 | 44.0 | 22.0 | 34.0 | 59.0 | 0.600 |
| 43 | S-12M43T | 60.4 | 44.0 | 22.0 | 39.0 | 64.0 | 0.600 |
| 46 | S-12M46T | 64.0 | 44.0 | 23.0 | 39.0 | 64.0 | 0.760 |

FRACTIONAL HEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 11/16 | S-1211T | 1.122 | 1.732 | 0.472 | 0.771 | 1.771 | 0.750 |
| 3/4 | S-1212T | 1.196 | 1.732 | 0.472 | 0.771 | 1.771 | 0.760 |
| 13/16 | S-1213T | 1.279 | 1.732 | 0.511 | 0.889 | 1.889 | 0.770 |
| 7/8 | S-1214T | 1.358 | 1.732 | 0.511 | 0.889 | 1.889 | 0.770 |
| 15/16 | S-1215T | 1.448 | 1.732 | 0.629 | 0.889 | 1.889 | 0.770 |
| 1 | S-1216T | 1.515 | 1.732 | 0.629 | 0.889 | 1.889 | 0.770 |
| 1.1/16 | S-1217T | 1.594 | 1.732 | 0.629 | 0.889 | 1.889 | 0.770 |
| 1.1/8 | S-1218T | 1.673 | 1.732 | 0.708 | 0.889 | 1.889 | 0.835 |
| 1.3/16 | S-1219T | 1.748 | 1.732 | 0.708 | 1.047 | 2.047 | 0.835 |
| 1.1/4 | S-1220T | 1.830 | 1.732 | 0.748 | 1.047 | 2.047 | 0.880 |
| 1.5/16 | S-1221T | 1.909 | 1.732 | 0.748 | 1.165 | 2.165 | 0.925 |
| 1.3/8 | S-1222T | 1.988 | 1.732 | 0.787 | 1.165 | 2.165 | 1.100 |
| 1.7/16 | S-1223T | 2.066 | 1.732 | 0.787 | 1.204 | 2.204 | 1.100 |
| 1.1/2 | S-1224T | 2.141 | 1.732 | 0.787 | 1.322 | 2.322 | 1.210 |
| 1.9/16 | S-1225T | 2.224 | 1.732 | 0.787 | 1.322 | 2.322 | 1.210 |
| 1.5/8 | S-1226T | 2.299 | 1.732 | 0.866 | 1.322 | 2.322 | 1.210 |
| 1.11/16 | S-1227T | 2.377 | 1.732 | 0.866 | 1.519 | 2.519 | 1.265 |
| 1.3/4 | S-1228T | 2.460 | 1.732 | 0.866 | 1.519 | 2.519 | 1.430 |
| 1.13/16 | S-1229T | 2.519 | 1.732 | 0.905 | 1.519 | 2.519 | 1.595 |

METRIC DEEP HEXAGON

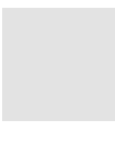
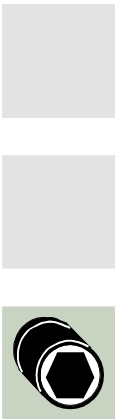


| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 17 | S-12M17LT | 27.9 | 44.0 | 12.0 | 50.0 | 75.0 | 0.570 |
| 19 | S-12M19LT | 30.4 | 44.0 | 12.0 | 50.0 | 75.0 | 0.570 |
| 21 | S-12M21LT | 32.9 | 44.0 | 13.0 | 50.0 | 75.0 | 0.590 |
| 22 | S-12M22LT | 34.3 | 44.0 | 13.0 | 65.0 | 90.0 | 0.640 |
| 23 | S-12M23LT | 35.5 | 44.0 | 13.0 | 65.0 | 90.0 | 0.640 |
| 24 | S-12M24LT | 36.8 | 44.0 | 16.0 | 65.0 | 90.0 | 0.670 |
| 26 | S-12M26LT | 38.5 | 44.0 | 16.0 | 65.0 | 90.0 | 0.670 |
| 27 | S-12M27LT | 40.5 | 44.0 | 16.0 | 65.0 | 90.0 | 0.670 |
| 28 | S-12M28LT | 41.8 | 44.0 | 16.0 | 65.0 | 90.0 | 0.670 |
| 30 | S-12M30LT | 44.4 | 44.0 | 18.0 | 65.0 | 90.0 | 0.740 |
| 32 | S-12M32LT | 46.8 | 44.0 | 19.0 | 65.0 | 90.0 | 0.760 |
| 33 | S-12M33LT | 48.0 | 44.0 | 19.0 | 65.0 | 90.0 | 0.760 |
| 34 | S-12M34LT | 49.3 | 44.0 | 20.0 | 65.0 | 90.0 | 0.760 |
| 36 | S-12M36LT | 51.9 | 44.0 | 20.0 | 65.0 | 90.0 | 0.825 |
| 38 | S-12M38LT | 54.4 | 44.0 | 20.0 | 65.0 | 90.0 | 0.850 |
| 41 | S-12M41LT | 58.4 | 44.0 | 22.0 | 65.0 | 90.0 | 0.875 |
| 42 | S-12M42LT | 59.4 | 44.0 | 22.0 | 70.0 | 95.0 | 1.005 |
| 43 | S-12M43LT | 60.4 | 44.0 | 22.0 | 70.0 | 95.0 | 1.050 |
| 46 | S-12M46LT | 64.0 | 44.0 | 23.0 | 75.0 | 100.0 | 1.275 |

FRACTIONAL DEEP HEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 11/16 | S-1211LT | 1.122 | 1.732 | 0.472 | 1.952 | 2.952 | 1.210 |
| 3/4 | S-1212LT | 1.196 | 1.732 | 0.472 | 1.952 | 2.952 | 1.210 |
| 13/16 | S-1213LT | 1.279 | 1.732 | 0.511 | 1.952 | 2.952 | 1.430 |
| 7/8 | S-1214LT | 1.358 | 1.732 | 0.511 | 2.543 | 3.543 | 1.540 |
| 15/16 | S-1215LT | 1.448 | 1.732 | 0.629 | 2.543 | 3.543 | 1.700 |
| 1 | S-1216LT | 1.515 | 1.732 | 0.629 | 2.543 | 3.543 | 1.785 |
| 1.1/16 | S-1217LT | 1.594 | 1.732 | 0.629 | 2.543 | 3.543 | 1.785 |
| 1.1/8 | S-1218LT | 1.673 | 1.732 | 0.708 | 2.543 | 3.543 | 1.785 |
| 1.3/16 | S-1219LT | 1.748 | 1.732 | 0.708 | 2.543 | 3.543 | 1.870 |
| 1.1/4 | S-1220LT | 1.830 | 1.732 | 0.748 | 2.543 | 3.543 | 1.980 |
| 1.5/16 | S-1221LT | 1.909 | 1.732 | 0.748 | 2.543 | 3.543 | 1.980 |
| 1.3/8 | S-1222LT | 1.988 | 1.732 | 0.787 | 2.543 | 3.543 | 2.200 |
| 1.7/16 | S-1223LT | 2.066 | 1.732 | 0.787 | 2.543 | 3.543 | 2.530 |
| 1.1/2 | S-1224LT | 2.141 | 1.732 | 0.787 | 2.543 | 3.543 | 2.530 |
| 1.9/16 | S-1225LT | 2.224 | 1.732 | 0.787 | 2.543 | 3.543 | 2.530 |
| 1.5/8 | S-1226LT | 2.299 | 1.732 | 0.866 | 2.543 | 3.543 | 2.530 |
| 1.11/16 | S-1227LT | 2.377 | 1.732 | 0.866 | 2.740 | 3.740 | 2.530 |
| 1.3/4 | S-1228LT | 2.460 | 1.732 | 0.866 | 2.937 | 3.937 | 2.530 |
| 1.13/16 | S-1229LT | 2.519 | 1.732 | 0.905 | 2.937 | 3.937 | 2.530 |



3/4"

IMPACT ACCESSORIES



METRIC HEX DRIVER SOCKETS

| HEX A/F mm | MODEL NO. | BIT LENGTH | OAL mm | Wt Kg. |
|---------------|--------------|---------------|-----------|-----------|
| 8 | 12M08H | 12.0 | 62.0 | 0.240 |
| 10 | 12M10H | 18.0 | 65.0 | 0.250 |
| 12 | 12M12H | 25.0 | 75.0 | 0.300 |
| 14 | 12M14H | 25.0 | 75.0 | 0.300 |
| 17 | 12M17H | 35.0 | 88.0 | 0.450 |
| 19 | 12M19H | 35.0 | 88.0 | 0.450 |
| 22 | 12M22H | 40.0 | 93.0 | 0.500 |
| 24 | 12M24H | 45.0 | 93.0 | 0.550 |
| 27 | 12M27H | 45.0 | 100.0 | 0.700 |

FRACTIONAL HEX DRIVER SOCKETS

| HEX A/F inch | MODEL NO. | BIT LENGTH | OAL inch | Wt lbs. |
|-----------------|--------------|---------------|-------------|------------|
| 3/8 | 1206H | 0.708 | 2.559 | 0.550 |
| 7/16 | 1207H | 0.708 | 2.559 | 0.550 |
| 1/2 | 1208H | 0.984 | 2.952 | 0.660 |
| 9/16 | 1209H | 0.984 | 2.952 | 0.660 |
| 5/8 | 1210H | 1.377 | 3.464 | 0.715 |
| 3/4 | 1212H | 1.377 | 3.464 | 0.990 |
| 13/16 | 1213H | 1.574 | 3.661 | 1.100 |
| 7/8 | 1214H | 1.574 | 3.661 | 1.210 |
| 1 | 1216H | 1.771 | 3.937 | 1.210 |

REGULAR EXTENSIONS

| OAL mm (inch) | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) | Wt Kg. (lbs.) |
|---------------------------------|-------------------------|------------------------|-----------------------|---|
| 75 (3") 125 (5") 175 (7") | E1203 E1205 E1207 | 25.0 (0.984) | 44.0 (1.732) | 0.60 (1.32) 0.80 (1.76) 1.00 (2.20) |
| 250 (10") 330 (13") | E1210 E1213 | | | 1.20 (2.64) 1.50 (3.30) |



SQUARE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) | Wt Kg. (lbs.) |
|-----------------|--------------|-----------------------|------------------|------------------|
| 3/4" F X 1/2" M | A1208 | 44.0 (1.732) | 56.0 (2.204) | 0.33 (0.72) |
| 3/4" F X 1" M | A1216 | | 65.0 (2.559) | 0.45 (0.99) |



UNIVERSAL JOINT

| SQUARE DRIVE | MODEL NO. | DIA mm (inch) | OAL mm (inch) | Wt Kg. (lbs.) |
|-----------------|--------------|------------------|------------------|------------------|
| 3/4" | U1212 | 44.0 (1.732) | 94.0 (3.700) | 0.60 (1.32) |



DOUBLE MALE EXTENSIONS

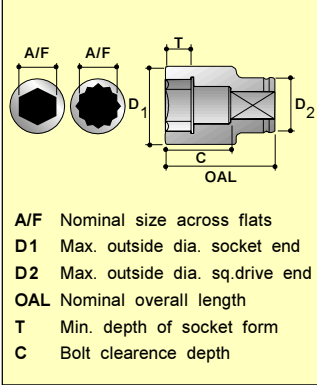
| OAL mm (inch) | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) | Wt Kg. (lbs.) |
|-------------------------------------|-------------------------|------------------------|-----------------------|---|
| 75 (3") 125 (5") 175 (7") | S1203 S1205 S1207 | 25.0 (0.984) | 19.0 (0.750) | 0.40 (0.88) 0.55 (1.21) 0.75 (1.65) |
| 250 (10") 330 (13") 410 (16") | S1210 S1213 S1216 | | | 0.95 (2.09) 1.05 (2.31) 1.60 (3.50) |



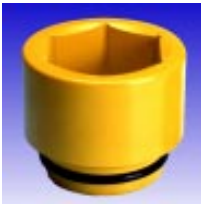
DOUBLE FEMALE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) | Wt Kg. (lbs.) |
|-----------------|--------------|-----------------------|------------------|------------------|
| 3/4" F X 1/2" F | AN1208 | 44.0 (1.732) | 55.0 (2.165) | 0.45 (0.99) |
| 3/4" F X 1" F | AN1212 | | 63.0 (2.480) | 0.57 (1.25) |





IMPACT SOCKETS



METRIC HEXAGON

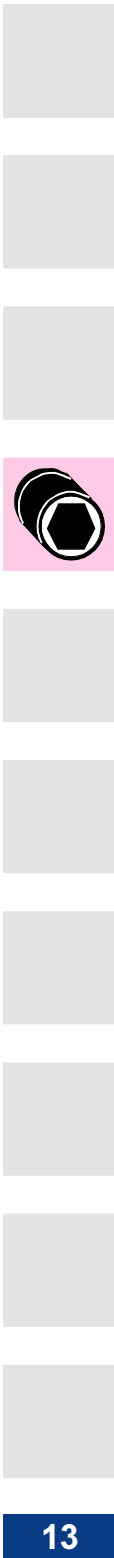


FRACTIONAL HEXAGON



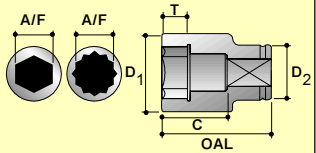
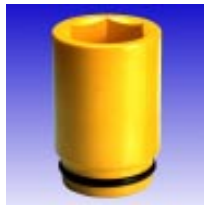
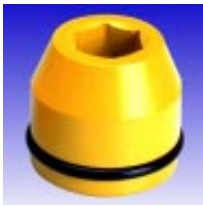
| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 19 | S-16M19 | 36.0 | 54.0 | 14.0 | 26.0 | 56.0 | 0.59 |
| 20 | S-16M20 | 36.0 | 54.0 | 14.0 | 26.0 | 56.0 | 0.65 |
| 21 | S-16M21 | 39.0 | 54.0 | 14.0 | 26.0 | 56.0 | 0.65 |
| 22 | S-16M22 | 40.0 | 54.0 | 14.0 | 26.0 | 56.0 | 0.65 |
| 23 | S-16M23 | 40.0 | 54.0 | 14.0 | 26.0 | 56.0 | 0.65 |
| 24 | S-16M24 | 43.0 | 54.0 | 16.0 | 26.0 | 56.0 | 0.65 |
| 25 | S-16M25 | 43.0 | 54.0 | 16.0 | 26.0 | 56.0 | 0.65 |
| 26 | S-16M26 | 46.0 | 54.0 | 16.0 | 26.0 | 56.0 | 0.67 |
| 27 | S-16M27 | 46.0 | 54.0 | 16.0 | 26.0 | 56.0 | 0.70 |
| 28 | S-16M28 | 48.0 | 54.0 | 16.0 | 26.0 | 56.0 | 0.70 |
| 29 | S-16M29 | 50.0 | 54.0 | 16.0 | 28.0 | 58.0 | 0.70 |
| 30 | S-16M30 | 50.0 | 54.0 | 21.0 | 28.0 | 58.0 | 0.70 |
| 31 | S-16M31 | 50.0 | 54.0 | 21.0 | 28.0 | 58.0 | 0.70 |
| 32 | S-16M32 | 52.0 | 54.0 | 21.0 | 28.0 | 58.0 | 0.70 |
| 33 | S-16M33 | 54.0 | 54.0 | 21.0 | 28.0 | 58.0 | 0.70 |
| 34 | S-16M34 | 54.0 | 54.0 | 21.0 | 31.0 | 61.0 | 0.72 |
| 35 | S-16M35 | 57.0 | 54.0 | 21.0 | 31.0 | 61.0 | 0.72 |
| 36 | S-16M36 | 57.0 | 54.0 | 25.0 | 31.0 | 61.0 | 0.77 |
| 37 | S-16M37 | 57.0 | 54.0 | 25.0 | 31.0 | 61.0 | 0.77 |
| 38 | S-16M38 | 60.0 | 54.0 | 25.0 | 35.0 | 65.0 | 0.87 |
| 39 | S-16M39 | 60.0 | 54.0 | 25.0 | 35.0 | 65.0 | 0.90 |
| 40 | S-16M40 | 62.0 | 54.0 | 25.0 | 35.0 | 65.0 | 0.95 |
| 41 | S-16M41 | 64.0 | 54.0 | 28.0 | 35.0 | 65.0 | 0.95 |
| 42 | S-16M42 | 64.0 | 54.0 | 28.0 | 35.0 | 65.0 | 0.95 |
| 43 | S-16M43 | 64.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.05 |
| 44 | S-16M44 | 70.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.20 |
| 45 | S-16M45 | 70.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.20 |
| 46 | S-16M46 | 70.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.20 |
| 47 | S-16M47 | 72.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.20 |
| 48 | S-16M48 | 72.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.20 |
| 49 | S-16M49 | 75.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.50 |
| 50 | S-16M50 | 75.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.55 |
| 51 | S-16M51 | 75.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.50 |
| 52 | S-16M52 | 75.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.75 |
| 54 | S-16M54 | 81.0 | 54.0 | 28.0 | 47.0 | 77.0 | 1.85 |
| 55 | S-16M55 | 81.0 | 54.0 | 30.0 | 47.0 | 77.0 | 2.20 |
| 56 | S-16M56 | 84.0 | 54.0 | 30.0 | 47.0 | 77.0 | 2.25 |
| 57 | S-16M57 | 84.0 | 54.0 | 30.0 | 47.0 | 77.0 | 2.15 |
| 58 | S-16M58 | 87.0 | 54.0 | 30.0 | 51.0 | 81.0 | 2.35 |
| 59 | S-16M59 | 87.0 | 54.0 | 30.0 | 53.0 | 83.0 | 2.40 |
| 60 | S-16M60 | 87.0 | 54.0 | 32.0 | 53.0 | 83.0 | 2.40 |
| 62 | S-16M62 | 90.0 | 54.0 | 32.0 | 56.0 | 86.0 | 2.75 |
| 65 | S-16M65 | 93.0 | 54.0 | 38.0 | 56.0 | 86.0 | 3.13 |
| 70 | S-16M70 | 99.0 | 54.0 | 40.0 | 63.0 | 93.0 | 3.70 |
| 75 | S-16M75 | 106.0 | 86.0 | 42.0 | 66.0 | 96.0 | 4.50 |
| 80 | S-16M80 | 112.0 | 86.0 | 44.0 | 68.0 | 98.0 | 4.95 |
| 85 | S-16M85 | 119.0 | 86.0 | 47.0 | 68.0 | 98.0 | 5.25 |
| 90 | S-16M90 | 125.0 | 86.0 | 50.0 | 75.0 | 105.0 | 6.20 |
| 95 | S-16M95 | 131.0 | 86.0 | 54.0 | 77.0 | 107.0 | 6.30 |
| 100 | S-16M100 | 135.0 | 86.0 | 54.0 | 83.0 | 113.0 | 6.50 |
| 105 | S-16M105 | 144.0 | 127.0 | 57.0 | 83.0 | 113.0 | 6.60 |
| 110 | S-16M110 | 148.0 | 127.0 | 59.0 | 93.0 | 123.0 | 6.85 |
| 115 | S-16M115 | 155.0 | 127.0 | 59.0 | 93.0 | 123.0 | 6.98 |

| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 3/4 | S-1612 | 1.417 | 2.125 | 0.551 | 1.023 | 2.204 | 1.30 |
| 13/16 | S-1613 | 1.535 | 2.125 | 0.551 | 1.023 | 2.204 | 1.43 |
| 7/8 | S-1614 | 1.574 | 2.125 | 0.551 | 1.023 | 2.204 | 1.43 |
| 15/16 | S-1615 | 1.692 | 2.125 | 0.629 | 1.023 | 2.204 | 1.43 |
| 1 | S-1616 | 1.692 | 2.125 | 0.629 | 1.023 | 2.204 | 1.43 |
| 1.1/16 | S-1617 | 1.811 | 2.125 | 0.629 | 1.023 | 2.204 | 1.54 |
| 1.1/8 | S-1618 | 1.889 | 2.125 | 0.629 | 1.023 | 2.204 | 1.54 |
| 1.3/16 | S-1619 | 1.968 | 2.125 | 0.826 | 1.141 | 2.283 | 1.54 |
| 1.1/4 | S-1620 | 2.047 | 2.125 | 0.826 | 1.141 | 2.283 | 1.54 |
| 1.5/16 | S-1621 | 2.125 | 2.125 | 0.826 | 1.141 | 2.283 | 1.54 |
| 1.3/8 | S-1622 | 2.244 | 2.125 | 0.826 | 1.220 | 2.401 | 1.59 |
| 1.7/16 | S-1623 | 2.244 | 2.125 | 0.984 | 1.220 | 2.401 | 1.95 |
| 1.1/2 | S-1624 | 2.362 | 2.125 | 0.984 | 1.377 | 2.559 | 1.92 |
| 1.9/16 | S-1625 | 2.440 | 2.125 | 0.984 | 1.377 | 2.559 | 2.09 |
| 1.5/8 | S-1626 | 2.519 | 2.125 | 1.102 | 1.377 | 2.559 | 2.09 |
| 1.11/16 | S-1627 | 2.519 | 2.125 | 1.102 | 1.574 | 2.755 | 2.31 |
| 1.3/4 | S-1628 | 2.755 | 2.125 | 1.102 | 1.574 | 2.755 | 2.64 |
| 1.13/16 | S-1629 | 2.755 | 2.125 | 1.102 | 1.574 | 2.755 | 2.64 |
| 1.7/8 | S-1630 | 2.834 | 2.125 | 1.102 | 1.574 | 2.755 | 2.64 |
| 1.15/16 | S-1631 | 2.952 | 2.125 | 1.102 | 1.692 | 2.874 | 3.33 |
| 2 | S-1632 | 2.952 | 2.125 | 1.102 | 1.692 | 2.874 | 3.33 |
| 2.1/16 | S-1633 | 3.188 | 2.125 | 1.102 | 1.692 | 2.874 | 4.07 |
| 2.1/8 | S-1634 | 3.186 | 2.125 | 1.102 | 1.850 | 3.031 | 4.07 |
| 2.3/16 | S-1635 | 3.188 | 2.125 | 1.181 | 1.850 | 3.031 | 4.84 |
| 2.1/4 | S-1636 | 3.307 | 2.125 | 1.181 | 2.007 | 3.188 | 4.73 |
| 2.5/16 | S-1637 | 3.425 | 2.125 | 1.181 | 2.086 | 3.267 | 5.28 |
| 2.3/8 | S-1638 | 3.543 | 2.125 | 1.259 | 2.086 | 3.267 | 5.28 |
| 2.7/16 | S-1639 | 3.543 | 2.125 | 1.259 | 2.204 | 3.385 | 6.05 |
| 2.1/2 | S-1640 | 3.661 | 2.125 | 1.259 | 2.204 | 3.385 | 6.66 |
| 2.9/16 | S-1641 | 3.661 | 2.125 | 1.496 | 2.204 | 3.385 | 6.90 |
| 2.5/8 | S-1642 | 3.779 | 2.125 | 1.496 | 2.362 | 3.661 | 8.25 |
| 2.11/16 | S-1643 | 3.779 | 2.125 | 1.496 | 2.362 | 3.661 | 8.25 |
| 2.3/4 | S-1644 | 3.897 | 2.125 | 1.574 | 2.362 | 3.661 | 8.25 |
| 2.13/16 | S-1645 | 4.055 | 2.125 | 1.574 | 2.362 | 3.661 | 9.35 |
| 2.7/8 | S-1646 | 4.055 | 3.386 | 1.574 | 2.362 | 3.661 | 9.35 |
| 2.15/16 | S-1647 | 4.173 | 3.386 | 1.653 | 2.677 | 3.858 | 9.90 |
| 3 | S-1648 | 4.173 | 3.386 | 1.653 | 2.677 | 3.858 | 10.12 |
| 3.1/16 | S-1649 | 4.291 | 3.386 | 1.653 | 2.677 | 3.858 | 10.34 |
| 3.1/8 | S-1650 | 4.291 | 3.386 | 1.653 | 2.677 | 3.858 | 10.45 |
| 3.3/16 | S-1651 | 4.409 | 3.386 | 1.753 | 2.677 | 3.858 | 10.89 |
| 3.1/4 | S-1652 | 4.409 | 3.386 | 1.753 | 2.677 | 3.858 | 11.22 |
| 3.5/16 | S-1653 | 4.409 | 3.386 | 1.753 | 2.677 | 3.858 | 11.55 |
| 3.3/8 | S-1654 | 4.685 | 3.386 | 1.753 | 2.952 | 4.133 | 11.66 |
| 3.7/16 | S-1655 | 4.685 | 3.386 | 1.850 | 2.952 | 4.133 | 11.77 |
| 3.1/2 | S-1656 | 4.921 | 3.386 | 1.850 | 2.952 | 4.133 | 13.64 |
| 3.5/8 | S-1658 | 4.921 | 3.386 | 1.968 | 2.952 | 4.133 | 13.86 |
| 3.3/4 | S-1660 | 5.157 | 3.386 | 2.125 | 3.070 | 4.212 | 14.08 |
| 3.7/8 | S-1662 | 5.314 | 3.386 | 2.125 | 3.070 | 4.212 | 14.19 |
| 4 | S-1664 | 5.511 | 3.386 | 2.125 | 3.267 | 4.448 | 14.52 |
| 4.1/8 | S-1666 | 5.669 | 5.000 | 2.244 | 3.267 | 4.448 | 14.52 |
| 4.1/4 | S-1668 | 5.826 | 5.000 | 2.244 | 3.267 | 4.448 | 14.74 |
| 4.3/8 | S-1670 | 5.984 | 5.000 | 2.322 | 3.661 | 4.842 | 15.07 |
| 4.1/2 | S-1672 | 6.102 | 5.000 | 2.322 | 3.661 | 4.842 | 15.18 |





IMPACT SOCKETS



A/F Nominal size across flats
 D1 Max. outside dia. socket end
 D2 Max. outside dia. sq. drive end
 OAL Nominal overall length
 T Min. depth of socket form
 C Bolt clearance depth

METRIC DEEP HEXAGON



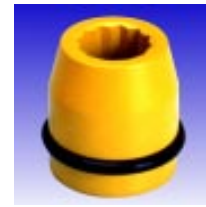
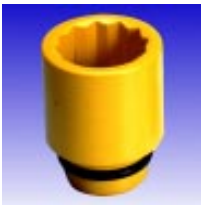
FRACTIONAL DEEP HEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|-------|--------|---------|
| 19 | S-16M19L | 36.0 | 54.0 | 14.0 | 80.0 | 110.0 | 1.00 |
| 20 | S-16M20L | 36.0 | 54.0 | 14.0 | 80.0 | 110.0 | 1.00 |
| 21 | S-16M21L | 39.0 | 54.0 | 14.0 | 80.0 | 110.0 | 1.00 |
| 22 | S-16M22L | 40.0 | 54.0 | 14.0 | 80.0 | 110.0 | 1.10 |
| 23 | S-16M23L | 40.0 | 54.0 | 14.0 | 80.0 | 110.0 | 1.10 |
| 24 | S-16M24L | 43.0 | 54.0 | 16.0 | 80.0 | 110.0 | 1.10 |
| 25 | S-16M25L | 43.0 | 54.0 | 16.0 | 80.0 | 110.0 | 1.15 |
| 26 | S-16M26L | 46.0 | 54.0 | 16.0 | 80.0 | 110.0 | 1.15 |
| 27 | S-16M27L | 46.0 | 54.0 | 16.0 | 80.0 | 110.0 | 1.20 |
| 28 | S-16M28L | 48.0 | 54.0 | 16.0 | 80.0 | 110.0 | 1.20 |
| 29 | S-16M29L | 50.0 | 54.0 | 16.0 | 80.0 | 110.0 | 1.20 |
| 30 | S-16M30L | 50.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.27 |
| 31 | S-16M31L | 50.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.27 |
| 32 | S-16M32L | 52.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.30 |
| 33 | S-16M33L | 54.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.37 |
| 34 | S-16M34L | 54.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.35 |
| 35 | S-16M35L | 57.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.35 |
| 36 | S-16M36L | 57.0 | 54.0 | 25.0 | 80.0 | 110.0 | 1.35 |
| 37 | S-16M37L | 57.0 | 54.0 | 25.0 | 80.0 | 110.0 | 1.50 |
| 38 | S-16M38L | 60.0 | 54.0 | 25.0 | 80.0 | 110.0 | 1.55 |
| 39 | S-16M39L | 60.0 | 54.0 | 25.0 | 80.0 | 110.0 | 1.65 |
| 40 | S-16M40L | 62.0 | 54.0 | 25.0 | 80.0 | 110.0 | 1.65 |
| 41 | S-16M41L | 64.0 | 54.0 | 28.0 | 80.0 | 110.0 | 1.65 |
| 42 | S-16M42L | 64.0 | 54.0 | 28.0 | 80.0 | 110.0 | 1.70 |
| 43 | S-16M43L | 64.0 | 54.0 | 28.0 | 80.0 | 110.0 | 1.75 |
| 44 | S-16M44L | 70.0 | 54.0 | 28.0 | 80.0 | 110.0 | 1.75 |
| 45 | S-16M45L | 70.0 | 54.0 | 28.0 | 80.0 | 110.0 | 1.75 |
| 46 | S-16M46L | 70.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.20 |
| 47 | S-16M47L | 72.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.20 |
| 48 | S-16M48L | 72.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.20 |
| 49 | S-16M49L | 75.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.35 |
| 50 | S-16M50L | 75.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.35 |
| 51 | S-16M51L | 75.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.35 |
| 52 | S-16M52L | 75.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.50 |
| 54 | S-16M54L | 81.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.70 |
| 55 | S-16M55L | 81.0 | 54.0 | 30.0 | 80.0 | 110.0 | 2.85 |
| 56 | S-16M56L | 84.0 | 54.0 | 30.0 | 80.0 | 110.0 | 2.85 |
| 57 | S-16M57L | 84.0 | 54.0 | 30.0 | 80.0 | 110.0 | 2.85 |
| 58 | S-16M58L | 87.0 | 54.0 | 30.0 | 80.0 | 110.0 | 2.85 |
| 59 | S-16M59L | 87.0 | 54.0 | 30.0 | 100.0 | 130.0 | 3.55 |
| 60 | S-16M60L | 87.0 | 54.0 | 32.0 | 100.0 | 130.0 | 3.55 |
| 62 | S-16M62L | 90.0 | 54.0 | 32.0 | 100.0 | 130.0 | 4.00 |
| 65 | S-16M65L | 93.0 | 54.0 | 38.0 | 100.0 | 130.0 | 4.55 |
| 70 | S-16M70L | 99.0 | 54.0 | 40.0 | 100.0 | 130.0 | 4.85 |
| 75 | S-16M75L | 106.0 | 86.0 | 42.0 | 100.0 | 130.0 | 5.00 |
| 80 | S-16M80L | 112.0 | 86.0 | 44.0 | 110.0 | 140.0 | 6.60 |
| 85 | S-16M85L | 119.0 | 86.0 | 47.0 | 110.0 | 140.0 | 6.70 |
| 90 | S-16M90L | 125.0 | 86.0 | 50.0 | 110.0 | 140.0 | 6.70 |
| 95 | S-16M95L | 131.0 | 86.0 | 54.0 | 110.0 | 140.0 | 6.85 |
| 100 | S-16M100L | 135.0 | 86.0 | 54.0 | 115.0 | 145.0 | 7.50 |
| 105 | S-16M105L | 144.0 | 127.0 | 57.0 | 115.0 | 145.0 | 7.70 |
| 110 | S-16M110L | 148.0 | 127.0 | 59.0 | 120.0 | 150.0 | 8.25 |
| 115 | S-16M115L | 155.0 | 127.0 | 59.0 | 120.0 | 150.0 | 8.25 |

| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 3/4 | S-1612L | 1.417 | 2.125 | 0.551 | 3.149 | 4.330 | 2.20 |
| 13/16 | S-1613L | 1.535 | 2.125 | 0.551 | 3.149 | 4.330 | 2.20 |
| 7/8 | S-1614L | 1.574 | 2.125 | 0.551 | 3.149 | 4.330 | 2.42 |
| 15/16 | S-1615L | 1.692 | 2.125 | 0.629 | 3.149 | 4.330 | 2.42 |
| 1 | S-1616L | 1.692 | 2.125 | 0.629 | 3.149 | 4.330 | 2.53 |
| 1.1/16 | S-1617L | 1.811 | 2.125 | 0.629 | 3.149 | 4.330 | 2.64 |
| 1.1/8 | S-1618L | 1.889 | 2.125 | 0.629 | 3.149 | 4.330 | 2.64 |
| 1.3/16 | S-1619L | 1.968 | 2.125 | 0.826 | 3.149 | 4.330 | 2.81 |
| 1.1/4 | S-1620L | 2.047 | 2.125 | 0.826 | 3.149 | 4.330 | 2.86 |
| 1.5/16 | S-1621L | 2.125 | 2.125 | 0.826 | 3.149 | 4.330 | 3.02 |
| 1.3/8 | S-1622L | 2.244 | 2.125 | 0.826 | 3.149 | 4.330 | 2.97 |
| 1.7/16 | S-1623L | 2.244 | 2.125 | 0.984 | 3.149 | 4.330 | 3.33 |
| 1.1/2 | S-1624L | 2.362 | 2.125 | 0.984 | 3.149 | 4.330 | 3.41 |
| 1.9/16 | S-1625L | 2.440 | 2.125 | 0.984 | 3.149 | 4.330 | 3.63 |
| 1.5/8 | S-1626L | 2.519 | 2.125 | 1.102 | 3.149 | 4.330 | 3.63 |
| 1.11/16 | S-1627L | 2.519 | 2.125 | 1.102 | 3.149 | 4.330 | 3.85 |
| 1.3/4 | S-1628L | 2.755 | 2.125 | 1.102 | 3.149 | 4.330 | 3.85 |
| 1.13/16 | S-1629L | 2.755 | 2.125 | 1.102 | 3.149 | 4.330 | 4.84 |
| 1.7/8 | S-1630L | 2.834 | 2.125 | 1.102 | 3.149 | 4.330 | 4.84 |
| 1.15/16 | S-1631L | 2.952 | 2.125 | 1.102 | 3.149 | 4.330 | 5.17 |
| 2 | S-1632L | 2.952 | 2.125 | 1.102 | 3.149 | 4.330 | 5.17 |
| 2.1/16 | S-1633L | 3.188 | 2.125 | 1.102 | 3.149 | 4.330 | 5.50 |
| 2.1/8 | S-1634L | 3.186 | 2.125 | 1.102 | 3.149 | 4.330 | 5.94 |
| 2.3/16 | S-1635L | 3.188 | 2.125 | 1.181 | 3.149 | 4.330 | 6.27 |
| 2.1/4 | S-1636L | 3.307 | 2.125 | 1.181 | 3.149 | 4.330 | 6.27 |
| 2.5/16 | S-1637L | 3.425 | 2.125 | 1.181 | 3.149 | 4.330 | 6.27 |
| 2.3/8 | S-1638L | 3.543 | 2.125 | 1.259 | 3.937 | 5.118 | 7.81 |
| 2.7/16 | S-1639L | 3.543 | 2.125 | 1.259 | 3.937 | 5.118 | 8.80 |
| 2.1/2 | S-1640L | 3.661 | 2.125 | 1.259 | 3.937 | 5.118 | 9.24 |
| 2.9/16 | S-1641L | 3.661 | 2.125 | 1.496 | 3.937 | 5.118 | 9.24 |
| 2.5/8 | S-1642L | 3.779 | 2.125 | 1.496 | 3.937 | 5.118 | 10.00 |
| 2.11/16 | S-1643L | 3.779 | 2.125 | 1.496 | 3.937 | 5.118 | 10.00 |
| 2.3/4 | S-1644L | 3.897 | 2.125 | 1.574 | 3.937 | 5.118 | 10.67 |
| 2.13/16 | S-1645L | 4.055 | 2.125 | 1.574 | 3.937 | 5.118 | 10.60 |
| 2.7/8 | S-1646L | 4.055 | 3.386 | 1.574 | 3.937 | 5.118 | 11.00 |
| 2.15/16 | S-1647L | 4.173 | 3.386 | 1.653 | 3.937 | 5.118 | 11.00 |
| 3 | S-1648L | 4.173 | 3.386 | 1.653 | 3.937 | 5.118 | 11.00 |
| 3.1/16 | S-1649L | 4.291 | 3.386 | 1.653 | 3.967 | 5.118 | 13.86 |
| 3.1/8 | S-1650L | 4.291 | 3.386 | 1.653 | 4.330 | 5.511 | 14.52 |
| 3.3/16 | S-1651L | 4.409 | 3.386 | 1.732 | 4.330 | 5.511 | 14.52 |
| 3.1/4 | S-1652L | 4.409 | 3.386 | 1.732 | 4.330 | 5.511 | 14.52 |
| 3.5/16 | S-1653L | 4.409 | 3.386 | 1.732 | 4.330 | 5.511 | 14.52 |
| 3.3/8 | S-1654L | 4.685 | 3.386 | 1.850 | 4.330 | 5.511 | 14.52 |
| 3.7/16 | S-1655L | 4.685 | 3.386 | 1.850 | 4.330 | 5.511 | 14.96 |
| 3.1/2 | S-1656L | 4.921 | 3.386 | 1.850 | 4.330 | 5.511 | 15.07 |
| 3.5/8 | S-1658L | 4.921 | 3.386 | 1.968 | 4.330 | 5.511 | 15.07 |
| 3.3/4 | S-1660L | 5.157 | 3.386 | 2.125 | 4.330 | 5.511 | 15.18 |
| 3.7/8 | S-1662L | 5.314 | 3.386 | 2.125 | 4.527 | 5.708 | 15.84 |
| 4 | S-1664L | 5.511 | 3.386 | 2.125 | 4.527 | 5.708 | 16.94 |
| 4.1/8 | S-1666L | 5.669 | 5.000 | 2.244 | 4.527 | 5.708 | 16.94 |
| 4.1/4 | S-1668L | 5.826 | 5.000 | 2.244 | 4.724 | 5.905 | 17.60 |
| 4.3/8 | S-1670L | 5.984 | 5.000 | 2.322 | 4.724 | 5.905 | 18.15 |
| 4.1/2 | S-1672L | 6.102 | 5.000 | 2.322 | 4.724 | 5.905 | 18.15 |

IMPACT SOCKETS



METRIC BIHEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 19 | 16M19DH | 36.0 | 54.0 | 14.0 | 26.0 | 56.0 | 0.59 |
| 20 | 16M20DH | 36.0 | 54.0 | 14.0 | 26.0 | 56.0 | 0.65 |
| 21 | 16M21DH | 39.0 | 54.0 | 14.0 | 26.0 | 56.0 | 0.65 |
| 22 | 16M22DH | 40.0 | 54.0 | 14.0 | 26.0 | 56.0 | 0.65 |
| 23 | 16M23DH | 40.0 | 54.0 | 14.0 | 26.0 | 56.0 | 0.65 |
| 24 | 16M24DH | 43.0 | 54.0 | 16.0 | 26.0 | 56.0 | 0.65 |
| 25 | 16M25DH | 43.0 | 54.0 | 16.0 | 26.0 | 56.0 | 0.65 |
| 26 | 16M26DH | 46.0 | 54.0 | 16.0 | 26.0 | 56.0 | 0.67 |
| 27 | 16M27DH | 46.0 | 54.0 | 16.0 | 26.0 | 56.0 | 0.70 |
| 28 | 16M28DH | 48.0 | 54.0 | 16.0 | 26.0 | 56.0 | 0.70 |
| 29 | 16M29DH | 50.0 | 54.0 | 16.0 | 28.0 | 58.0 | 0.70 |
| 30 | 16M30DH | 50.0 | 54.0 | 21.0 | 28.0 | 58.0 | 0.70 |
| 31 | 16M31DH | 50.0 | 54.0 | 21.0 | 28.0 | 58.0 | 0.70 |
| 32 | 16M32DH | 52.0 | 54.0 | 21.0 | 28.0 | 58.0 | 0.70 |
| 33 | 16M33DH | 54.0 | 54.0 | 21.0 | 28.0 | 58.0 | 0.70 |
| 34 | 16M34DH | 54.0 | 54.0 | 21.0 | 31.0 | 61.0 | 0.72 |
| 35 | 16M35DH | 57.0 | 54.0 | 21.0 | 31.0 | 61.0 | 0.72 |
| 36 | 16M36DH | 57.0 | 54.0 | 25.0 | 31.0 | 61.0 | 0.77 |
| 37 | 16M37DH | 57.0 | 54.0 | 25.0 | 31.0 | 61.0 | 0.77 |
| 38 | 16M38DH | 60.0 | 54.0 | 25.0 | 35.0 | 65.0 | 0.87 |
| 39 | 16M39DH | 60.0 | 54.0 | 25.0 | 35.0 | 65.0 | 0.90 |
| 40 | 16M40DH | 62.0 | 54.0 | 25.0 | 35.0 | 65.0 | 0.95 |
| 41 | 16M41DH | 64.0 | 54.0 | 28.0 | 35.0 | 65.0 | 0.95 |
| 42 | 16M42DH | 64.0 | 54.0 | 28.0 | 35.0 | 65.0 | 0.95 |
| 43 | 16M43DH | 64.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.05 |
| 44 | 16M44DH | 70.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.20 |
| 45 | 16M45DH | 70.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.20 |
| 46 | 16M46DH | 70.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.20 |
| 47 | 16M47DH | 72.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.20 |
| 48 | 16M48DH | 72.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.20 |
| 49 | 16M49DH | 75.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.50 |
| 50 | 16M50DH | 75.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.55 |
| 51 | 16M51DH | 75.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.50 |
| 52 | 16M52DH | 75.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.75 |
| 54 | 16M54DH | 81.0 | 54.0 | 28.0 | 47.0 | 77.0 | 1.85 |
| 55 | 16M55DH | 81.0 | 54.0 | 30.0 | 47.0 | 77.0 | 2.20 |
| 56 | 16M56DH | 84.0 | 54.0 | 30.0 | 47.0 | 77.0 | 2.25 |
| 57 | 16M57DH | 84.0 | 54.0 | 30.0 | 47.0 | 77.0 | 2.15 |
| 58 | 16M58DH | 87.0 | 54.0 | 30.0 | 51.0 | 81.0 | 2.35 |
| 59 | 16M59DH | 87.0 | 54.0 | 30.0 | 53.0 | 83.0 | 2.40 |
| 60 | 16M60DH | 87.0 | 54.0 | 32.0 | 53.0 | 83.0 | 2.40 |
| 62 | 16M62DH | 90.0 | 54.0 | 32.0 | 56.0 | 86.0 | 2.75 |
| 65 | 16M65DH | 93.0 | 54.0 | 38.0 | 56.0 | 86.0 | 3.13 |
| 70 | 16M70DH | 99.0 | 54.0 | 40.0 | 63.0 | 93.0 | 3.70 |
| 75 | 16M75DH | 106.0 | 86.0 | 42.0 | 66.0 | 96.0 | 4.50 |
| 80 | 16M80DH | 112.0 | 86.0 | 44.0 | 68.0 | 98.0 | 4.95 |
| 85 | 16M85DH | 119.0 | 86.0 | 47.0 | 68.0 | 98.0 | 5.25 |
| 90 | 16M90DH | 125.0 | 86.0 | 50.0 | 75.0 | 105.0 | 6.20 |
| 95 | 16M95DH | 131.0 | 86.0 | 54.0 | 77.0 | 107.0 | 6.30 |

FRACTIONAL BIHEXAGON

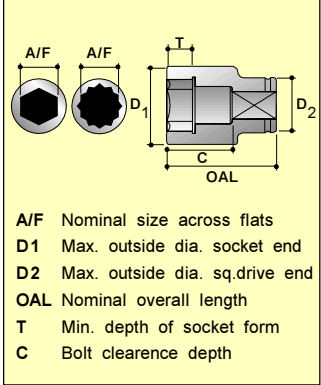
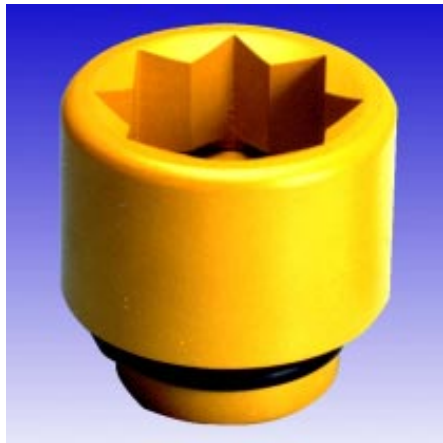


| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 3/4 | 1612DH | 1.417 | 2.125 | 0.551 | 1.023 | 2.204 | 1.30 |
| 13/16 | 1613DH | 1.535 | 2.125 | 0.551 | 1.023 | 2.204 | 1.43 |
| 7/8 | 1614DH | 1.574 | 2.125 | 0.551 | 1.023 | 2.204 | 1.43 |
| 15/16 | 1615DH | 1.692 | 2.125 | 0.629 | 1.023 | 2.204 | 1.43 |
| 1 | 1616DH | 1.692 | 2.125 | 0.629 | 1.023 | 2.204 | 1.43 |
| 1.1/16 | 1617DH | 1.811 | 2.125 | 0.629 | 1.023 | 2.204 | 1.54 |
| 1.1/8 | 1618DH | 1.889 | 2.125 | 0.629 | 1.023 | 2.204 | 1.54 |
| 1.3/16 | 1619DH | 1.968 | 2.125 | 0.826 | 1.141 | 2.283 | 1.54 |
| 1.1/4 | 1620DH | 2.047 | 2.125 | 0.826 | 1.141 | 2.283 | 1.54 |
| 1.5/16 | 1621DH | 2.125 | 2.125 | 0.826 | 1.141 | 2.283 | 1.54 |
| 1.3/8 | 1622DH | 2.244 | 2.125 | 0.826 | 1.220 | 2.401 | 1.59 |
| 1.7/16 | 1623DH | 2.244 | 2.125 | 0.984 | 1.220 | 2.401 | 1.95 |
| 1.1/2 | 1624DH | 2.362 | 2.125 | 0.984 | 1.377 | 2.559 | 1.92 |
| 1.9/16 | 1625DH | 2.440 | 2.125 | 0.984 | 1.377 | 2.559 | 2.09 |
| 1.5/8 | 1626DH | 2.519 | 2.125 | 1.102 | 1.377 | 2.559 | 2.09 |
| 1.11/16 | 1627DH | 2.519 | 2.125 | 1.102 | 1.574 | 2.755 | 2.31 |
| 1.3/4 | 1628DH | 2.755 | 2.125 | 1.102 | 1.574 | 2.755 | 2.64 |
| 1.13/16 | 1629DH | 2.755 | 2.125 | 1.102 | 1.574 | 2.755 | 2.64 |
| 1.7/8 | 1630DH | 2.834 | 2.125 | 1.102 | 1.574 | 2.755 | 2.64 |
| 1.15/16 | 1631DH | 2.952 | 2.125 | 1.102 | 1.692 | 2.874 | 3.33 |
| 2 | 1632DH | 2.952 | 2.125 | 1.102 | 1.692 | 2.874 | 3.33 |
| 2.1/16 | 1633DH | 3.188 | 2.125 | 1.102 | 1.692 | 2.874 | 4.07 |
| 2.1/8 | 1634DH | 3.186 | 2.125 | 1.102 | 1.850 | 3.031 | 4.07 |
| 2.3/16 | 1635DH | 3.188 | 2.125 | 1.181 | 1.850 | 3.031 | 4.84 |
| 2.1/4 | 1636DH | 3.307 | 2.125 | 1.181 | 2.007 | 3.188 | 4.73 |
| 2.5/16 | 1637DH | 3.425 | 2.125 | 1.181 | 2.088 | 3.267 | 5.28 |
| 2.3/8 | 1638DH | 3.543 | 2.125 | 1.259 | 2.088 | 3.267 | 5.28 |
| 2.7/16 | 1639DH | 3.543 | 2.125 | 1.259 | 2.204 | 3.385 | 6.05 |
| 2.1/2 | 1640DH | 3.661 | 2.125 | 1.259 | 2.204 | 3.385 | 6.66 |
| 2.9/16 | 1641DH | 3.661 | 2.125 | 1.496 | 2.204 | 3.385 | 6.90 |
| 2.5/8 | 1642DH | 3.779 | 2.125 | 1.496 | 2.362 | 3.661 | 8.25 |
| 2.11/16 | 1643DH | 3.779 | 2.125 | 1.496 | 2.362 | 3.661 | 8.25 |
| 2.3/4 | 1644DH | 3.897 | 2.125 | 1.574 | 2.362 | 3.661 | 8.25 |
| 2.13/16 | 1645DH | 4.055 | 2.125 | 1.574 | 2.362 | 3.661 | 9.35 |
| 2.7/8 | 1646DH | 4.055 | 3.386 | 1.574 | 2.362 | 3.661 | 9.35 |
| 2.15/16 | 1647DH | 4.173 | 3.386 | 1.653 | 2.677 | 3.858 | 9.90 |
| 3 | 1648DH | 4.173 | 3.386 | 1.653 | 2.677 | 3.858 | 10.12 |
| 3.1/16 | 1649DH | 4.291 | 3.386 | 1.653 | 2.677 | 3.858 | 10.34 |
| 3.1/8 | 1650DH | 4.291 | 3.386 | 1.653 | 2.677 | 3.858 | 10.45 |
| 3.3/16 | 1651DH | 4.409 | 3.386 | 1.753 | 2.677 | 3.858 | 10.89 |
| 3.1/4 | 1652DH | 4.409 | 3.386 | 1.753 | 2.677 | 3.858 | 11.22 |
| 3.5/16 | 1653DH | 4.409 | 3.386 | 1.753 | 2.677 | 3.858 | 11.55 |
| 3.3/8 | 1654DH | 4.685 | 3.386 | 1.753 | 2.952 | 4.133 | 11.66 |
| 3.7/16 | 1655DH | 4.685 | 3.386 | 1.850 | 2.952 | 4.133 | 11.77 |
| 3.1/2 | 1656DH | 4.921 | 3.386 | 1.850 | 2.952 | 4.133 | 13.64 |
| 3.5/8 | 1658DH | 4.921 | 3.386 | 1.968 | 2.952 | 4.133 | 13.86 |
| 3.3/4 | 1660DH | 5.157 | 3.386 | 2.125 | 3.070 | 4.212 | 14.08 |
| 3.7/8 | 1662DH | 5.314 | 3.386 | 2.125 | 3.070 | 4.212 | 14.19 |





IMPACT SOCKETS



METRIC BISQUARE



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 32 | 16M32DS | 65.0 | 54.0 | 21.0 | 28.0 | 58.0 | 0.86 |
| 33 | 16M33DS | 65.0 | 54.0 | 21.0 | 28.0 | 58.0 | 0.86 |
| 34 | 16M34DS | 68.0 | 54.0 | 21.0 | 31.0 | 61.0 | 0.90 |
| 35 | 16M35DS | 68.0 | 54.0 | 21.0 | 31.0 | 61.0 | 0.90 |
| 36 | 16M36DS | 71.0 | 54.0 | 25.0 | 31.0 | 61.0 | 0.92 |
| 38 | 16M38DS | 74.0 | 54.0 | 25.0 | 35.0 | 65.0 | 1.15 |
| 39 | 16M39DS | 74.0 | 54.0 | 25.0 | 35.0 | 65.0 | 1.15 |
| 40 | 16M40DS | 77.0 | 54.0 | 25.0 | 35.0 | 65.0 | 1.16 |
| 41 | 16M41DS | 77.0 | 54.0 | 28.0 | 35.0 | 65.0 | 1.16 |
| 42 | 16M42DS | 80.0 | 54.0 | 28.0 | 35.0 | 65.0 | 1.36 |
| 43 | 16M43DS | 80.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.46 |
| 46 | 16M46DS | 86.0 | 54.0 | 28.0 | 40.0 | 70.0 | 1.50 |
| 50 | 16M50DS | 90.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.70 |
| 51 | 16M51DS | 93.0 | 54.0 | 28.0 | 43.0 | 73.0 | 1.80 |
| 54 | 16M54DS | 98.0 | 54.0 | 28.0 | 47.0 | 77.0 | 2.25 |
| 55 | 16M55DS | 98.0 | 54.0 | 30.0 | 47.0 | 77.0 | 2.25 |
| 57 | 16M57DS | 103.0 | 86.0 | 30.0 | 47.0 | 77.0 | 2.95 |
| 60 | 16M60DS | 106.0 | 86.0 | 32.0 | 53.0 | 83.0 | 3.20 |
| 65 | 16M65DS | 112.0 | 86.0 | 38.0 | 56.0 | 86.0 | 3.65 |

FRACTIONAL BISQUARE



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 1.1/4 | 1620DS | 2.559 | 2.125 | 0.826 | 1.141 | 2.283 | 1.89 |
| 1.5/16 | 1621DS | 2.559 | 2.125 | 0.826 | 1.141 | 2.283 | 1.89 |
| 1.3/8 | 1622DS | 2.677 | 2.125 | 0.826 | 1.220 | 2.401 | 1.98 |
| 1.7/16 | 1623DS | 2.795 | 2.125 | 0.984 | 1.220 | 2.401 | 2.02 |
| 1.1/2 | 1624DS | 2.913 | 2.125 | 0.984 | 1.377 | 2.559 | 2.53 |
| 1.9/16 | 1625DS | 2.834 | 2.125 | 0.984 | 1.377 | 2.559 | 2.55 |
| 1.5/8 | 1626DS | 3.031 | 2.125 | 1.102 | 1.377 | 2.559 | 2.55 |
| 1.11/16 | 1627DS | 3.149 | 2.125 | 1.102 | 1.574 | 2.755 | 3.30 |
| 1.3/4 | 1628DS | 3.267 | 2.125 | 1.102 | 1.574 | 2.755 | 3.30 |
| 1.13/16 | 1629DS | 3.385 | 2.125 | 1.102 | 1.574 | 2.755 | 3.52 |
| 1.7/8 | 1630DS | 3.503 | 2.125 | 1.102 | 1.574 | 2.755 | 3.52 |
| 2 | 1632DS | 3.661 | 2.125 | 1.102 | 1.692 | 2.874 | 3.96 |
| 2.1/16 | 1633DS | 3.779 | 2.125 | 1.102 | 1.692 | 2.874 | 4.95 |
| 2.1/8 | 1634DS | 3.779 | 2.125 | 1.102 | 1.850 | 3.031 | 4.95 |
| 2.3/16 | 1635DS | 3.937 | 2.125 | 1.181 | 1.850 | 3.031 | 6.49 |
| 2.1/4 | 1636DS | 4.055 | 3.385 | 1.181 | 2.007 | 3.188 | 6.49 |
| 2.3/8 | 1638DS | 4.173 | 3.385 | 1.259 | 2.086 | 3.267 | 7.04 |
| 2.1/2 | 1640DS | 4.409 | 3.385 | 1.259 | 2.204 | 3.385 | 8.47 |

METRIC DEEP BISQUARE



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|-------|--------|---------|
| 32 | 16M32LDS | 65.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.46 |
| 33 | 16M33LDS | 65.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.46 |
| 34 | 16M34LDS | 68.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.50 |
| 35 | 16M35LDS | 68.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.50 |
| 36 | 16M36LDS | 71.0 | 54.0 | 25.0 | 80.0 | 110.0 | 1.52 |
| 38 | 16M38LDS | 74.0 | 54.0 | 25.0 | 80.0 | 110.0 | 1.75 |
| 39 | 16M39LDS | 74.0 | 54.0 | 25.0 | 80.0 | 110.0 | 1.75 |
| 40 | 16M40LDS | 77.0 | 54.0 | 25.0 | 80.0 | 110.0 | 1.76 |
| 41 | 16M41LDS | 77.0 | 54.0 | 28.0 | 80.0 | 110.0 | 1.76 |
| 42 | 16M42LDS | 80.0 | 54.0 | 28.0 | 80.0 | 110.0 | 1.96 |
| 43 | 16M43LDS | 80.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.16 |
| 46 | 16M46LDS | 86.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.30 |
| 50 | 16M50LDS | 90.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.50 |
| 51 | 16M51LDS | 93.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.60 |
| 54 | 16M54LDS | 98.0 | 54.0 | 28.0 | 80.0 | 110.0 | 2.95 |
| 55 | 16M55LDS | 98.0 | 54.0 | 30.0 | 80.0 | 110.0 | 2.95 |
| 57 | 16M57LDS | 103.0 | 86.0 | 30.0 | 80.0 | 110.0 | 3.65 |
| 60 | 16M60LDS | 106.0 | 86.0 | 32.0 | 100.0 | 130.0 | 4.00 |
| 65 | 16M65LDS | 112.0 | 86.0 | 38.0 | 100.0 | 130.0 | 4.55 |

FRACTIONAL DEEP BISQUARE



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 1.1/4 | 1620LDS | 2.559 | 2.125 | 0.826 | 3.149 | 4.330 | 3.21 |
| 1.5/16 | 1621LDS | 2.559 | 2.125 | 0.826 | 3.149 | 4.330 | 3.21 |
| 1.3/8 | 1622LDS | 2.677 | 2.125 | 0.826 | 3.149 | 4.330 | 3.30 |
| 1.7/16 | 1623LDS | 2.795 | 2.125 | 0.984 | 3.149 | 4.330 | 3.34 |
| 1.1/2 | 1624LDS | 2.913 | 2.125 | 0.984 | 3.149 | 4.330 | 3.85 |
| 1.9/16 | 1625LDS | 2.834 | 2.125 | 0.984 | 3.149 | 4.330 | 3.87 |
| 1.5/8 | 1626LDS | 3.031 | 2.125 | 1.102 | 3.149 | 4.330 | 3.87 |
| 1.11/16 | 1627LDS | 3.149 | 2.125 | 1.102 | 3.149 | 4.330 | 4.75 |
| 1.3/4 | 1628LDS | 3.267 | 2.125 | 1.102 | 3.149 | 4.330 | 4.84 |
| 1.13/16 | 1629LDS | 3.385 | 2.125 | 1.102 | 3.149 | 4.330 | 5.06 |
| 1.7/8 | 1630LDS | 3.503 | 2.125 | 1.102 | 3.149 | 4.330 | 5.28 |
| 2 | 1632LDS | 3.661 | 2.125 | 1.102 | 3.149 | 4.330 | 5.72 |
| 2.1/16 | 1633LDS | 3.779 | 2.125 | 1.102 | 3.149 | 4.330 | 6.49 |
| 2.1/8 | 1634LDS | 3.779 | 2.125 | 1.102 | 3.149 | 4.330 | 6.49 |
| 2.3/16 | 1635LDS | 3.937 | 2.125 | 1.181 | 3.149 | 4.330 | 8.03 |
| 2.1/4 | 1636LDS | 4.055 | 3.385 | 1.181 | 3.149 | 4.330 | 8.03 |
| 2.3/8 | 1638LDS | 4.173 | 3.385 | 1.259 | 3.937 | 5.118 | 8.80 |
| 2.1/2 | 1640LDS | 4.409 | 3.385 | 1.259 | 3.937 | 5.118 | 10.01 |

IMPACT SOCKETS THINWALL



METRIC HEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 22 | S-16M22T | 35.6 | 54.0 | 14.0 | 21.0 | 51.0 | 0.60 |
| 23 | S-16M23T | 37.0 | 54.0 | 14.0 | 21.0 | 51.0 | 0.60 |
| 24 | S-16M24T | 38.3 | 54.0 | 16.0 | 26.0 | 56.0 | 0.60 |
| 25 | S-16M25T | 39.5 | 54.0 | 16.0 | 26.0 | 56.0 | 0.60 |
| 26 | S-16M26T | 40.8 | 54.0 | 16.0 | 26.0 | 56.0 | 0.62 |
| 27 | S-16M27T | 42.0 | 54.0 | 16.0 | 26.0 | 56.0 | 0.65 |
| 28 | S-16M28T | 43.3 | 54.0 | 16.0 | 26.0 | 56.0 | 0.65 |
| 29 | S-16M29T | 44.5 | 54.0 | 16.0 | 29.0 | 58.0 | 0.65 |
| 30 | S-16M30T | 45.9 | 54.0 | 21.0 | 29.0 | 58.0 | 0.65 |
| 31 | S-16M31T | 47.0 | 54.0 | 21.0 | 29.0 | 58.0 | 0.65 |
| 32 | S-16M32T | 48.3 | 54.0 | 21.0 | 29.0 | 58.0 | 0.65 |
| 33 | S-16M33T | 49.5 | 54.0 | 21.0 | 29.0 | 58.0 | 0.65 |
| 34 | S-16M34T | 50.8 | 54.0 | 21.0 | 31.0 | 61.0 | 0.67 |
| 35 | S-16M35T | 52.0 | 54.0 | 21.0 | 31.0 | 61.0 | 0.67 |
| 36 | S-16M36T | 53.4 | 54.0 | 25.0 | 31.0 | 61.0 | 0.72 |
| 37 | S-16M37T | 54.0 | 54.0 | 25.0 | 31.0 | 61.0 | 0.72 |
| 38 | S-16M38T | 55.9 | 54.0 | 25.0 | 35.0 | 65.0 | 0.87 |
| 39 | S-16M39T | 57.1 | 54.0 | 25.0 | 35.0 | 65.0 | 0.90 |
| 40 | S-16M40T | 58.1 | 54.0 | 25.0 | 35.0 | 65.0 | 0.90 |
| 41 | S-16M41T | 59.9 | 54.0 | 28.0 | 35.0 | 65.0 | 0.90 |
| 42 | S-16M42T | 60.9 | 54.0 | 28.0 | 35.0 | 65.0 | 0.90 |
| 43 | S-16M43T | 61.9 | 54.0 | 28.0 | 40.0 | 70.0 | 1.00 |
| 44 | S-16M44T | 63.4 | 54.0 | 28.0 | 40.0 | 70.0 | 1.15 |
| 45 | S-16M45T | 64.6 | 54.0 | 28.0 | 40.0 | 70.0 | 1.15 |
| 46 | S-16M46T | 65.9 | 54.0 | 28.0 | 40.0 | 70.0 | 1.15 |

FRACTIONAL HEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 7/8 | S-1614T | 1.417 | 2.125 | 0.629 | 1.023 | 2.204 | 1.12 |
| 15/16 | S-1615T | 1.507 | 2.125 | 0.629 | 1.023 | 2.204 | 1.12 |
| 1 | S-1616T | 1.574 | 2.125 | 0.629 | 1.023 | 2.204 | 1.12 |
| 1.1/16 | S-1617T | 1.653 | 2.125 | 0.629 | 1.023 | 2.204 | 1.43 |
| 1.1/8 | S-1618T | 1.728 | 2.125 | 0.629 | 1.023 | 2.204 | 1.43 |
| 1.3/16 | S-1619T | 1.807 | 2.125 | 0.826 | 1.141 | 2.285 | 1.43 |
| 1.1/4 | S-1620T | 1.889 | 2.125 | 0.826 | 1.141 | 2.285 | 1.43 |
| 1.5/16 | S-1621T | 1.968 | 2.125 | 0.826 | 1.141 | 2.285 | 1.43 |
| 1.3/8 | S-1622T | 2.047 | 2.125 | 0.826 | 1.220 | 2.401 | 1.48 |
| 1.7/16 | S-1623T | 2.125 | 2.125 | 0.984 | 1.220 | 2.401 | 1.84 |
| 1.1/2 | S-1624T | 2.200 | 2.125 | 0.984 | 1.377 | 2.559 | 1.81 |
| 1.9/16 | S-1625T | 2.283 | 2.125 | 0.984 | 1.377 | 2.559 | 2.00 |
| 1.5/8 | S-1626T | 2.358 | 2.125 | 1.102 | 1.377 | 2.559 | 2.00 |
| 1.11/16 | S-1627T | 2.437 | 2.125 | 1.102 | 1.574 | 2.755 | 2.20 |
| 1.3/4 | S-1628T | 2.519 | 2.125 | 1.102 | 1.574 | 2.755 | 2.53 |
| 1.13/16 | S-1629T | 2.594 | 2.125 | 1.102 | 1.574 | 2.755 | 2.53 |



METRIC DEEP HEXAGON

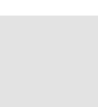
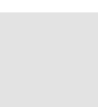
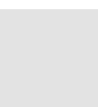
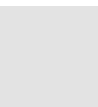
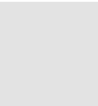


| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|------|--------|---------|
| 22 | S-16M22LT | 35.6 | 54.0 | 14.0 | 80.0 | 110.0 | 1.05 |
| 23 | S-16M23LT | 37.0 | 54.0 | 14.0 | 80.0 | 110.0 | 1.05 |
| 24 | S-16M24LT | 38.3 | 54.0 | 16.0 | 80.0 | 110.0 | 1.05 |
| 25 | S-16M25LT | 39.5 | 54.0 | 16.0 | 80.0 | 110.0 | 1.10 |
| 26 | S-16M26LT | 40.8 | 54.0 | 16.0 | 80.0 | 110.0 | 1.10 |
| 27 | S-16M27LT | 42.0 | 54.0 | 16.0 | 80.0 | 110.0 | 1.10 |
| 28 | S-16M28LT | 43.3 | 54.0 | 16.0 | 80.0 | 110.0 | 1.15 |
| 29 | S-16M29LT | 44.5 | 54.0 | 16.0 | 80.0 | 110.0 | 1.15 |
| 30 | S-16M30LT | 45.9 | 54.0 | 21.0 | 80.0 | 110.0 | 1.22 |
| 31 | S-16M31LT | 47.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.21 |
| 32 | S-16M32LT | 48.3 | 54.0 | 21.0 | 80.0 | 110.0 | 1.25 |
| 33 | S-16M33LT | 49.5 | 54.0 | 21.0 | 80.0 | 110.0 | 1.27 |
| 34 | S-16M34LT | 50.8 | 54.0 | 21.0 | 80.0 | 110.0 | 1.30 |
| 35 | S-16M35LT | 52.0 | 54.0 | 21.0 | 80.0 | 110.0 | 1.30 |
| 36 | S-16M36LT | 53.4 | 54.0 | 25.0 | 80.0 | 110.0 | 1.30 |
| 37 | S-16M37LT | 54.0 | 54.0 | 25.0 | 80.0 | 110.0 | 1.45 |
| 38 | S-16M38LT | 55.9 | 54.0 | 25.0 | 80.0 | 110.0 | 1.50 |
| 39 | S-16M39LT | 57.1 | 54.0 | 25.0 | 80.0 | 110.0 | 1.60 |
| 40 | S-16M40LT | 58.1 | 54.0 | 25.0 | 80.0 | 110.0 | 1.60 |
| 41 | S-16M41LT | 59.9 | 54.0 | 28.0 | 80.0 | 110.0 | 1.60 |
| 42 | S-16M42LT | 60.9 | 54.0 | 28.0 | 80.0 | 110.0 | 1.65 |
| 43 | S-16M43LT | 61.9 | 54.0 | 28.0 | 80.0 | 110.0 | 1.70 |
| 44 | S-16M44LT | 63.4 | 54.0 | 28.0 | 80.0 | 110.0 | 1.70 |
| 45 | S-16M45LT | 64.6 | 54.0 | 28.0 | 80.0 | 110.0 | 1.70 |
| 46 | S-16M46LT | 65.9 | 54.0 | 28.0 | 80.0 | 110.0 | 2.15 |

FRACTIONAL DEEP HEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 7/8 | S-1614LT | 1.417 | 2.125 | 0.629 | 3.149 | 4.330 | 2.21 |
| 15/16 | S-1615LT | 1.507 | 2.125 | 0.629 | 3.149 | 4.330 | 2.21 |
| 1 | S-1616LT | 1.574 | 2.125 | 0.629 | 3.149 | 4.330 | 2.42 |
| 1.1/16 | S-1617LT | 1.653 | 2.125 | 0.629 | 3.149 | 4.330 | 2.53 |
| 1.1/8 | S-1618LT | 1.728 | 2.125 | 0.629 | 3.149 | 4.330 | 2.53 |
| 1.3/16 | S-1619LT | 1.807 | 2.125 | 0.826 | 3.149 | 4.330 | 2.70 |
| 1.1/4 | S-1620LT | 1.889 | 2.125 | 0.826 | 3.149 | 4.330 | 2.75 |
| 1.5/16 | S-1621LT | 1.968 | 2.125 | 0.826 | 3.149 | 4.330 | 2.95 |
| 1.3/8 | S-1622LT | 2.047 | 2.125 | 0.826 | 3.149 | 4.330 | 2.86 |
| 1.7/16 | S-1623LT | 2.125 | 2.125 | 0.984 | 3.149 | 4.330 | 3.22 |
| 1.1/2 | S-1624LT | 2.200 | 2.125 | 0.984 | 3.149 | 4.330 | 3.30 |
| 1.9/16 | S-1625LT | 2.283 | 2.125 | 0.984 | 3.149 | 4.330 | 3.52 |
| 1.5/8 | S-1626LT | 2.358 | 2.125 | 1.102 | 3.149 | 4.330 | 3.52 |
| 1.11/16 | S-1627LT | 2.437 | 2.125 | 1.102 | 3.149 | 4.330 | 3.52 |
| 1.3/4 | S-1628LT | 2.519 | 2.125 | 1.102 | 3.149 | 4.330 | 3.74 |
| 1.13/16 | S-1629LT | 2.594 | 2.125 | 1.102 | 3.149 | 4.330 | 3.74 |





IMPACT ACCESSORIES

METRIC HEX DRIVER SOCKETS

| HEX A/F mm | MODEL NO. | BIT LENGTH | OAL mm | Wt Kg. |
|---------------|--------------|---------------|-----------|-----------|
| 10 | 16M10H | 20.0 | 85.0 | 0.60 |
| 12 | 16M12H | 25.0 | 90.0 | 0.65 |
| 14 | 16M14H | 25.0 | 90.0 | 0.75 |
| 17 | 16M17H | 30.0 | 95.0 | 0.80 |
| 19 | 16M19H | 30.0 | 95.0 | 0.80 |
| 22 | 16M22H | 45.0 | 115.0 | 0.90 |
| 24 | 16M24H | 45.0 | 115.0 | 0.95 |
| 27 | 16M27H | 50.0 | 120.0 | 1.15 |
| 30 | 16M30H | 50.0 | 120.0 | 1.20 |
| 32 | 16M32H | 50.0 | 120.0 | 1.30 |
| 36 | 16M36H | 50.0 | 120.0 | 1.30 |

FRACTIONAL HEX DRIVER SOCKETS

| HEX A/F inch | MODEL NO | BIT LENGTH | OAL inch | Wt lbs. |
|-----------------|-------------|---------------|-------------|------------|
| 1/2 | 1608H | 0.984 | 3.543 | 1.43 |
| 9/16 | 1609H | 0.984 | 3.543 | 1.65 |
| 5/8 | 1610H | 1.181 | 3.740 | 1.65 |
| 3/4 | 1612H | 1.181 | 3.740 | 1.76 |
| 13/16 | 1613H | 1.771 | 4.527 | 1.87 |
| 7/8 | 1614H | 1.771 | 4.527 | 1.98 |
| 1 | 1616H | 1.968 | 4.724 | 2.20 |
| 1.1/16 | 1617H | 1.968 | 4.724 | 2.20 |
| 1.1/8 | 1618H | 1.968 | 4.724 | 2.42 |
| 1.3/16 | 1619H | 1.968 | 4.724 | 2.64 |
| 1.1/4 | 1620H | 1.968 | 4.724 | 2.86 |

REGULAR EXTENSIONS

| OAL mm (inch) | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) | Wt Kg. (lbs.) |
|------------------|--------------|------------------------|-----------------------|------------------|
| 100 (4") | E1604 | 36.0 (1.417) | 54.0 (2.125) | 1.10 (2.42) |
| 125 (5") | E1605 | | | 1.30 (2.86) |
| 150 (6") | E1606 | | | 1.50 (3.30) |
| 180 (7") | E1607 | 36.0 (1.417) | 54.0 (2.125) | 1.75 (3.85) |
| 250 (10") | E1610 | | | 2.00 (4.40) |
| 330 (13") | E1613 | | | 2.45 (5.39) |



SQUARE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) | Wt Kg. (lbs.) |
|-----------------|--------------|-----------------------|------------------|------------------|
| 1" F X 3/4" M | A1612 | 54.0 (2.125) | 70.0 (2.755) | 0.64 (1.40) |
| 1" F X 1.1/2" M | A1624 | | 90.0 (3.543) | 0.90 (1.98) |
| 1" F X #5 M | A1695 | | 110.0 (4.330) | 1.20 (2.64) |



UNIVERSAL JOINT

| SQUARE DRIVE | MODEL NO. | DIA mm (inch) | OAL mm (inch) | Wt Kg. (lbs.) |
|-----------------|--------------|------------------|------------------|------------------|
| 1" | U1616 | 54.0 (2.125) | 117.0 (4.606) | 1.20 (2.64) |



DOUBLE MALE EXTENSIONS

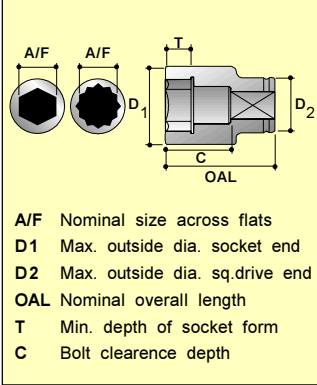
| OAL mm (inch) | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) | Wt Kg. (lbs.) |
|------------------|--------------|------------------------|-----------------------|------------------|
| 75 (3") | S1603 | 35.0 (1.377) | 25.0 (1.000) | 0.70 (1.54) |
| 125 (5") | S1605 | | | 1.00 (2.20) |
| 180 (7") | S1607 | | | 1.45 (3.19) |
| 250 (10") | S1610 | 35.0 (1.377) | 25.0 (1.000) | 1.70 (3.74) |
| 330 (13") | S1613 | | | 2.20 (4.84) |
| 380 (15") | S1615 | 35.0 (1.377) | 25.0 (1.000) | 2.50 (5.50) |
| 430 (17") | S1617 | | | 3.00 (6.60) |



DOUBLE FEMALE ADAPTORS

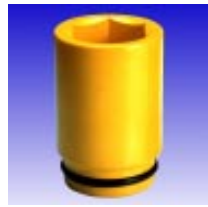
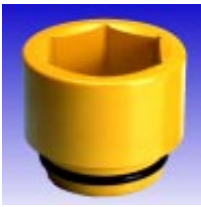
| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) | Wt Kg. (lbs.) |
|-----------------|--------------|-----------------------|------------------|------------------|
| 1" F X 3/4" F | AN1612 | 54.0 (2.125) | 65.0 (2.559) | 0.75 (1.65) |
| 1" F X 1" F | AN1616 | | 70.0 (2.755) | 0.95 (2.09) |
| 1" F X 1.1/2" F | AN1624 | | 80.0 (3.149) | 1.10 (2.42) |





IMPACT SOCKETS

1 1/2"



METRIC HEXAGON



FRACTIONAL HEXAGON



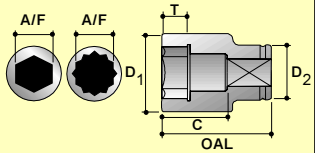
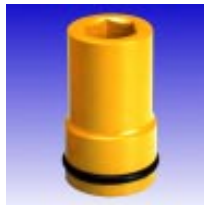
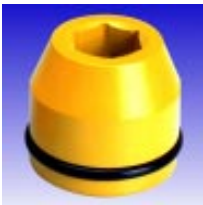
| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|-------|--------|---------|
| 32 | S-24M32 | 56.0 | 86.0 | 22.0 | 34.0 | 76.0 | 2.30 |
| 33 | S-24M33 | 56.0 | 86.0 | 22.0 | 34.0 | 76.0 | 2.30 |
| 34 | S-24M34 | 61.0 | 86.0 | 22.0 | 34.0 | 76.0 | 2.30 |
| 35 | S-24M35 | 61.0 | 86.0 | 22.0 | 34.0 | 76.0 | 2.30 |
| 36 | S-24M36 | 64.0 | 86.0 | 25.0 | 39.0 | 81.0 | 2.35 |
| 37 | S-24M37 | 64.0 | 86.0 | 25.0 | 39.0 | 81.0 | 2.35 |
| 38 | S-24M38 | 66.0 | 86.0 | 25.0 | 39.0 | 81.0 | 2.40 |
| 39 | S-24M39 | 66.0 | 86.0 | 25.0 | 39.0 | 81.0 | 2.40 |
| 40 | S-24M40 | 69.0 | 86.0 | 25.0 | 39.0 | 81.0 | 2.40 |
| 41 | S-24M41 | 69.0 | 86.0 | 25.0 | 39.0 | 81.0 | 2.40 |
| 42 | S-24M42 | 72.0 | 86.0 | 25.0 | 39.0 | 81.0 | 2.40 |
| 43 | S-24M43 | 72.0 | 86.0 | 25.0 | 39.0 | 81.0 | 2.40 |
| 44 | S-24M44 | 72.0 | 86.0 | 25.0 | 39.0 | 81.0 | 2.50 |
| 45 | S-24M45 | 72.0 | 86.0 | 25.0 | 39.0 | 81.0 | 2.50 |
| 46 | S-24M46 | 76.0 | 86.0 | 27.0 | 41.0 | 83.0 | 2.50 |
| 47 | S-24M47 | 76.0 | 86.0 | 27.0 | 41.0 | 83.0 | 2.60 |
| 48 | S-24M48 | 76.0 | 86.0 | 27.0 | 41.0 | 83.0 | 2.60 |
| 49 | S-24M49 | 79.0 | 86.0 | 27.0 | 41.0 | 83.0 | 2.60 |
| 50 | S-24M50 | 81.0 | 86.0 | 27.0 | 41.0 | 83.0 | 2.60 |
| 51 | S-24M51 | 81.0 | 86.0 | 27.0 | 41.0 | 83.0 | 2.60 |
| 52 | S-24M52 | 84.0 | 86.0 | 27.0 | 41.0 | 83.0 | 2.60 |
| 54 | S-24M54 | 84.0 | 86.0 | 27.0 | 47.0 | 90.0 | 2.70 |
| 55 | S-24M55 | 87.0 | 86.0 | 30.0 | 47.0 | 90.0 | 2.70 |
| 56 | S-24M56 | 87.0 | 86.0 | 30.0 | 47.0 | 90.0 | 2.70 |
| 57 | S-24M57 | 87.0 | 86.0 | 30.0 | 50.0 | 93.0 | 2.80 |
| 58 | S-24M58 | 91.0 | 86.0 | 30.0 | 50.0 | 93.0 | 2.80 |
| 59 | S-24M59 | 91.0 | 86.0 | 30.0 | 50.0 | 93.0 | 2.80 |
| 60 | S-24M60 | 94.0 | 86.0 | 32.0 | 50.0 | 93.0 | 2.80 |
| 61 | S-24M61 | 94.0 | 86.0 | 32.0 | 54.0 | 97.0 | 3.00 |
| 62 | S-24M62 | 97.0 | 86.0 | 32.0 | 54.0 | 97.0 | 3.00 |
| 65 | S-24M65 | 99.0 | 86.0 | 37.0 | 54.0 | 97.0 | 3.00 |
| 67 | S-24M67 | 105.0 | 86.0 | 37.0 | 59.0 | 102.0 | 3.20 |
| 70 | S-24M70 | 105.0 | 86.0 | 40.0 | 59.0 | 102.0 | 3.40 |
| 73 | S-24M73 | 108.0 | 86.0 | 40.0 | 64.0 | 106.0 | 3.85 |
| 75 | S-24M75 | 110.0 | 86.0 | 40.0 | 64.0 | 106.0 | 3.85 |
| 76 | S-24M76 | 110.0 | 86.0 | 40.0 | 69.0 | 111.0 | 4.20 |
| 80 | S-24M80 | 118.0 | 86.0 | 45.0 | 69.0 | 111.0 | 4.90 |
| 85 | S-24M85 | 125.0 | 86.0 | 48.0 | 75.0 | 117.0 | 5.80 |
| 86 | S-24M86 | 125.0 | 86.0 | 48.0 | 75.0 | 117.0 | 5.90 |
| 90 | S-24M90 | 130.0 | 86.0 | 51.0 | 77.0 | 119.0 | 7.40 |
| 95 | S-24M95 | 136.0 | 127.0 | 54.0 | 77.0 | 119.0 | 8.10 |
| 100 | S-24M100 | 143.0 | 127.0 | 54.0 | 84.0 | 126.0 | 8.70 |
| 105 | S-24M105 | 149.0 | 127.0 | 57.0 | 84.0 | 126.0 | 9.75 |
| 110 | S-24M110 | 155.0 | 127.0 | 63.0 | 94.0 | 138.0 | 11.60 |
| 115 | S-24M115 | 161.0 | 127.0 | 70.0 | 94.0 | 138.0 | 11.60 |
| 120 | S-24M120 | 168.0 | 127.0 | 75.0 | 104.0 | 146.0 | 12.60 |
| 125 | S-24M125 | 174.0 | 127.0 | 75.0 | 104.0 | 146.0 | 14.50 |
| 130 | S-24M130 | 180.0 | 127.0 | 82.0 | 117.0 | 159.0 | 17.50 |

| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 1.3/8 | S-2422 | 2.401 | 3.385 | 0.866 | 1.338 | 2.992 | 5.06 |
| 1.7/16 | S-2423 | 2.519 | 3.385 | 0.984 | 1.535 | 3.188 | 5.06 |
| 1.1/2 | S-2424 | 2.598 | 3.385 | 0.984 | 1.535 | 3.188 | 5.17 |
| 1.9/16 | S-2425 | 2.598 | 3.385 | 0.984 | 1.535 | 3.188 | 5.28 |
| 1.5/8 | S-2426 | 2.716 | 3.385 | 0.984 | 1.535 | 3.188 | 5.28 |
| 1.11/16 | S-2427 | 2.834 | 3.385 | 0.984 | 1.535 | 3.188 | 5.28 |
| 1.3/4 | S-2428 | 2.834 | 3.385 | 0.984 | 1.535 | 3.188 | 5.50 |
| 1.13/16 | S-2429 | 2.992 | 3.385 | 1.062 | 1.614 | 3.267 | 5.50 |
| 1.7/8 | S-2430 | 2.992 | 3.385 | 1.062 | 1.614 | 3.267 | 5.50 |
| 1.15/16 | S-2431 | 3.110 | 3.385 | 1.062 | 1.614 | 3.267 | 5.72 |
| 2 | S-2432 | 3.188 | 3.385 | 1.062 | 1.614 | 3.267 | 5.72 |
| 2.1/16 | S-2433 | 3.307 | 3.385 | 1.062 | 1.614 | 3.267 | 5.94 |
| 2.1/8 | S-2434 | 3.307 | 3.385 | 1.062 | 1.850 | 3.543 | 5.94 |
| 2.3/16 | S-2435 | 3.425 | 3.385 | 1.181 | 1.850 | 3.543 | 5.94 |
| 2.1/4 | S-2436 | 3.425 | 3.385 | 1.181 | 1.968 | 3.661 | 6.16 |
| 2.5/16 | S-2437 | 3.582 | 3.385 | 1.181 | 1.968 | 3.661 | 6.16 |
| 2.3/8 | S-2438 | 3.700 | 3.385 | 1.259 | 1.968 | 3.661 | 6.16 |
| 2.7/16 | S-2439 | 3.818 | 3.385 | 1.259 | 2.125 | 3.818 | 6.60 |
| 2.1/2 | S-2440 | 3.818 | 3.385 | 1.259 | 2.125 | 3.818 | 6.60 |
| 2.9/16 | S-2441 | 3.897 | 3.385 | 1.456 | 2.125 | 3.818 | 6.60 |
| 2.5/8 | S-2442 | 4.173 | 3.385 | 1.456 | 2.322 | 4.015 | 7.04 |
| 2.11/16 | S-2443 | 4.133 | 3.385 | 1.456 | 2.322 | 4.015 | 7.04 |
| 2.3/4 | S-2444 | 4.133 | 3.385 | 1.574 | 2.322 | 4.015 | 7.48 |
| 2.13/16 | S-2445 | 4.212 | 3.385 | 1.574 | 2.519 | 4.173 | 7.70 |
| 2.7/8 | S-2446 | 4.291 | 3.385 | 1.574 | 2.519 | 4.173 | 8.47 |
| 2.15/16 | S-2447 | 4.370 | 3.385 | 1.574 | 2.519 | 4.173 | 8.47 |
| 3 | S-2448 | 4.370 | 3.385 | 1.574 | 2.716 | 4.370 | 8.47 |
| 3.1/16 | S-2449 | 4.645 | 3.385 | 1.574 | 2.716 | 4.370 | 10.12 |
| 3.1/8 | S-2450 | 4.645 | 3.385 | 1.574 | 2.716 | 4.370 | 10.12 |
| 3.3/16 | S-2451 | 4.763 | 3.385 | 1.771 | 2.716 | 4.370 | 11.00 |
| 3.1/4 | S-2452 | 4.763 | 3.385 | 1.771 | 2.716 | 4.370 | 11.00 |
| 3.5/16 | S-2453 | 4.763 | 3.385 | 1.771 | 2.716 | 4.370 | 11.00 |
| 3.3/8 | S-2454 | 4.921 | 4.921 | 1.889 | 2.952 | 4.606 | 12.98 |
| 3.7/16 | S-2455 | 5.118 | 4.921 | 1.889 | 2.952 | 4.606 | 16.28 |
| 3.1/2 | S-2456 | 5.118 | 4.921 | 1.889 | 2.952 | 4.606 | 16.28 |
| 3.9/16 | S-2457 | 5.118 | 4.921 | 2.007 | 3.031 | 4.685 | 16.28 |
| 3.5/8 | S-2458 | 5.275 | 4.921 | 2.007 | 3.031 | 4.685 | 16.72 |
| 3.11/16 | S-2459 | 5.275 | 4.921 | 2.007 | 3.031 | 4.685 | 17.60 |
| 3.3/4 | S-2460 | 5.354 | 4.921 | 2.125 | 3.031 | 4.685 | 17.82 |
| 3.13/16 | S-2461 | 5.511 | 4.921 | 2.125 | 3.031 | 4.685 | 18.48 |
| 3.7/8 | S-2462 | 5.629 | 4.921 | 2.125 | 3.031 | 4.685 | 19.14 |
| 3.15/16 | S-2463 | 5.629 | 4.921 | 2.125 | 3.307 | 4.960 | 20.46 |
| 4 | S-2464 | 5.748 | 4.921 | 2.125 | 3.307 | 4.960 | 21.34 |
| 4.1/16 | S-2465 | 5.748 | 4.921 | 2.125 | 3.307 | 4.960 | 21.45 |
| 4.1/8 | S-2466 | 5.866 | 4.921 | 2.244 | 3.307 | 4.960 | 21.45 |
| 4.3/16 | S-2467 | 5.866 | 4.921 | 2.244 | 3.307 | 4.960 | 21.45 |
| 4.1/4 | S-2468 | 6.102 | 4.921 | 2.362 | 3.307 | 4.960 | 22.44 |
| 4.3/8 | S-2470 | 6.102 | 4.921 | 2.480 | 3.700 | 5.433 | 23.32 |
| 4.1/2 | S-2472 | 6.338 | 4.921 | 2.755 | 3.700 | 5.433 | 25.52 |
| 4.5/8 | S-2474 | 6.456 | 4.921 | 2.755 | 3.700 | 5.433 | 26.62 |
| 4.3/4 | S-2476 | 6.614 | 4.921 | 2.952 | 4.094 | 5.748 | 27.72 |
| 5 | S-2480 | 7.000 | 4.921 | 2.952 | 4.094 | 5.748 | 32.45 |
| 5.1/8 | S-2482 | 7.086 | 4.921 | 3.228 | 4.606 | 6.259 | 38.50 |



1 1/2"

IMPACT SOCKETS



A/F Nominal size across flats
 D1 Max. outside dia. socket end
 D2 Max. outside dia. sq. drive end
 OAL Nominal overall length
 T Min. depth of socket form
 C Bolt clearance depth

METRIC DEEP HEXAGON



FRACTIONAL DEEP HEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm | Wt. Kg. |
|--------|-----------|-------|-------|------|-------|--------|---------|
| 32 | S-24M32L | 56.0 | 86.0 | 22.0 | 83.0 | 125.0 | 3.10 |
| 33 | S-24M33L | 56.0 | 86.0 | 22.0 | 83.0 | 125.0 | 3.10 |
| 34 | S-24M34L | 61.0 | 86.0 | 22.0 | 83.0 | 125.0 | 3.10 |
| 35 | S-24M35L | 61.0 | 86.0 | 22.0 | 83.0 | 125.0 | 3.15 |
| 36 | S-24M36L | 64.0 | 86.0 | 25.0 | 83.0 | 125.0 | 3.15 |
| 37 | S-24M37L | 64.0 | 86.0 | 25.0 | 83.0 | 125.0 | 3.15 |
| 38 | S-24M38L | 66.0 | 86.0 | 25.0 | 83.0 | 125.0 | 3.50 |
| 39 | S-24M39L | 66.0 | 86.0 | 25.0 | 83.0 | 125.0 | 3.50 |
| 40 | S-24M40L | 69.0 | 86.0 | 25.0 | 83.0 | 125.0 | 3.50 |
| 41 | S-24M41L | 69.0 | 86.0 | 25.0 | 83.0 | 125.0 | 3.75 |
| 42 | S-24M42L | 72.0 | 86.0 | 25.0 | 83.0 | 125.0 | 3.75 |
| 43 | S-24M43L | 72.0 | 86.0 | 25.0 | 83.0 | 125.0 | 3.75 |
| 44 | S-24M44L | 72.0 | 86.0 | 25.0 | 83.0 | 125.0 | 3.95 |
| 45 | S-24M45L | 72.0 | 86.0 | 25.0 | 83.0 | 125.0 | 3.95 |
| 46 | S-24M46L | 76.0 | 86.0 | 27.0 | 88.0 | 130.0 | 4.00 |
| 47 | S-24M47L | 76.0 | 86.0 | 27.0 | 88.0 | 130.0 | 3.95 |
| 48 | S-24M48L | 76.0 | 86.0 | 27.0 | 88.0 | 130.0 | 4.05 |
| 49 | S-24M49L | 79.0 | 86.0 | 27.0 | 88.0 | 130.0 | 4.05 |
| 50 | S-24M50L | 81.0 | 86.0 | 27.0 | 88.0 | 130.0 | 4.05 |
| 51 | S-24M51L | 81.0 | 86.0 | 27.0 | 88.0 | 130.0 | 4.25 |
| 52 | S-24M52L | 84.0 | 86.0 | 27.0 | 88.0 | 130.0 | 4.25 |
| 54 | S-24M54L | 84.0 | 86.0 | 27.0 | 88.0 | 130.0 | 4.70 |
| 55 | S-24M55L | 87.0 | 86.0 | 30.0 | 88.0 | 130.0 | 4.70 |
| 56 | S-24M56L | 87.0 | 86.0 | 30.0 | 88.0 | 130.0 | 4.70 |
| 57 | S-24M57L | 87.0 | 86.0 | 30.0 | 88.0 | 130.0 | 4.70 |
| 58 | S-24M58L | 91.0 | 86.0 | 30.0 | 88.0 | 130.0 | 4.70 |
| 59 | S-24M59L | 91.0 | 86.0 | 30.0 | 88.0 | 130.0 | 4.70 |
| 60 | S-24M60L | 94.0 | 86.0 | 32.0 | 108.0 | 150.0 | 5.00 |
| 61 | S-24M61L | 94.0 | 86.0 | 32.0 | 108.0 | 150.0 | 5.25 |
| 62 | S-24M62L | 97.0 | 86.0 | 32.0 | 108.0 | 150.0 | 5.35 |
| 65 | S-24M65L | 99.0 | 86.0 | 37.0 | 108.0 | 150.0 | 5.70 |
| 67 | S-24M67L | 105.0 | 86.0 | 37.0 | 108.0 | 150.0 | 5.70 |
| 70 | S-24M70L | 105.0 | 86.0 | 40.0 | 118.0 | 160.0 | 6.20 |
| 73 | S-24M73L | 108.0 | 86.0 | 40.0 | 118.0 | 160.0 | 7.12 |
| 75 | S-24M75L | 110.0 | 86.0 | 40.0 | 118.0 | 160.0 | 7.95 |
| 76 | S-24M76L | 110.0 | 86.0 | 40.0 | 118.0 | 160.0 | 8.25 |
| 80 | S-24M80L | 118.0 | 86.0 | 45.0 | 133.0 | 175.0 | 9.35 |
| 85 | S-24M85L | 125.0 | 125.0 | 48.0 | 133.0 | 175.0 | 9.65 |
| 86 | S-24M86L | 125.0 | 125.0 | 48.0 | 133.0 | 175.0 | 9.85 |
| 90 | S-24M90L | 130.0 | 125.0 | 51.0 | 133.0 | 175.0 | 9.40 |
| 95 | S-24M95L | 136.0 | 125.0 | 54.0 | 138.0 | 180.0 | 10.10 |
| 100 | S-24M100L | 143.0 | 125.0 | 54.0 | 143.0 | 185.0 | 10.70 |
| 105 | S-24M105L | 149.0 | 125.0 | 57.0 | 153.0 | 195.0 | 11.75 |
| 110 | S-24M110L | 155.0 | 125.0 | 63.0 | 153.0 | 195.0 | 13.60 |
| 115 | S-24M115L | 161.0 | 125.0 | 70.0 | 153.0 | 195.0 | 14.60 |
| 120 | S-24M120L | 168.0 | 125.0 | 75.0 | 158.0 | 200.0 | 15.60 |
| 125 | S-24M125L | 174.0 | 125.0 | 75.0 | 158.0 | 200.0 | 16.50 |
| 130 | S-24M130L | 180.0 | 125.0 | 82.0 | 158.0 | 200.0 | 19.50 |

| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch | Wt. lbs. |
|----------|-----------|---------|---------|--------|--------|----------|----------|
| 1.3/8 | S-2422L | 2.401 | 3.385 | 0.866 | 3.268 | 4.921 | 6.82 |
| 1.7/16 | S-2423L | 2.519 | 3.385 | 0.984 | 3.268 | 4.921 | 6.82 |
| 1.1/2 | S-2424L | 2.598 | 3.385 | 0.984 | 3.268 | 4.921 | 7.70 |
| 1.9/16 | S-2425L | 2.598 | 3.385 | 0.984 | 3.268 | 4.921 | 7.70 |
| 1.5/8 | S-2426L | 2.716 | 3.385 | 0.984 | 3.268 | 4.921 | 8.25 |
| 1.11/16 | S-2427L | 2.834 | 3.385 | 0.984 | 3.268 | 4.921 | 8.25 |
| 1.3/4 | S-2428L | 2.834 | 3.385 | 0.984 | 3.268 | 4.921 | 8.69 |
| 1.13/16 | S-2429L | 2.992 | 3.385 | 1.062 | 3.465 | 5.118 | 9.24 |
| 1.7/8 | S-2430L | 2.992 | 3.385 | 1.062 | 3.465 | 5.118 | 9.24 |
| 1.15/16 | S-2431L | 3.110 | 3.385 | 1.062 | 3.465 | 5.118 | 9.24 |
| 2 | S-2432L | 3.188 | 3.385 | 1.062 | 3.465 | 5.118 | 9.46 |
| 2.1/16 | S-2433L | 3.307 | 3.385 | 1.062 | 3.465 | 5.118 | 10.34 |
| 2.1/8 | S-2434L | 3.307 | 3.385 | 1.062 | 3.465 | 5.118 | 10.34 |
| 2.3/16 | S-2435L | 3.425 | 3.385 | 1.181 | 3.465 | 5.118 | 10.78 |
| 2.1/4 | S-2436L | 3.425 | 3.385 | 1.181 | 3.465 | 5.118 | 10.78 |
| 2.5/16 | S-2437L | 3.582 | 3.385 | 1.181 | 3.465 | 5.118 | 10.78 |
| 2.3/8 | S-2438L | 3.700 | 3.385 | 1.259 | 4.252 | 5.905 | 11.00 |
| 2.7/16 | S-2439L | 3.818 | 3.385 | 1.259 | 4.252 | 5.905 | 11.77 |
| 2.1/2 | S-2440L | 3.818 | 3.385 | 1.259 | 4.252 | 5.905 | 11.77 |
| 2.9/16 | S-2441L | 3.897 | 3.385 | 1.456 | 4.252 | 5.905 | 12.54 |
| 2.5/8 | S-2442L | 4.173 | 3.385 | 1.456 | 4.252 | 5.905 | 12.98 |
| 2.11/16 | S-2443L | 4.133 | 3.385 | 1.456 | 4.252 | 5.905 | 12.98 |
| 2.3/4 | S-2444L | 4.133 | 3.385 | 1.574 | 4.646 | 6.299 | 15.62 |
| 2.13/16 | S-2445L | 4.212 | 3.385 | 1.574 | 4.646 | 6.299 | 15.73 |
| 2.7/8 | S-2446L | 4.291 | 3.385 | 1.574 | 4.646 | 6.299 | 15.73 |
| 2.15/16 | S-2447L | 4.370 | 3.385 | 1.574 | 4.646 | 6.299 | 17.49 |
| 3 | S-2448L | 4.370 | 3.385 | 1.574 | 4.646 | 6.299 | 17.49 |
| 3.1/16 | S-2449L | 4.645 | 3.385 | 1.574 | 4.646 | 6.299 | 20.57 |
| 3.1/8 | S-2450L | 4.645 | 3.385 | 1.574 | 5.236 | 6.889 | 20.57 |
| 3.3/16 | S-2451L | 4.763 | 3.385 | 1.771 | 5.236 | 6.889 | 21.23 |
| 3.1/4 | S-2452L | 4.763 | 3.385 | 1.771 | 5.236 | 6.889 | 21.23 |
| 3.5/16 | S-2453L | 4.763 | 3.385 | 1.771 | 5.236 | 6.889 | 21.23 |
| 3.3/8 | S-2454L | 4.921 | 4.921 | 1.889 | 5.236 | 6.889 | 21.67 |
| 3.7/16 | S-2455L | 5.118 | 4.921 | 1.889 | 5.236 | 6.889 | 21.67 |
| 3.1/2 | S-2456L | 5.118 | 4.921 | 1.889 | 5.236 | 6.889 | 21.67 |
| 3.9/16 | S-2457L | 5.118 | 4.921 | 2.007 | 5.236 | 6.889 | 21.67 |
| 3.5/8 | S-2458L | 5.275 | 4.921 | 2.007 | 5.236 | 6.889 | 22.00 |
| 3.11/16 | S-2459L | 5.275 | 4.921 | 2.007 | 5.236 | 6.889 | 22.55 |
| 3.3/4 | S-2460L | 5.354 | 4.921 | 2.125 | 5.433 | 7.086 | 23.65 |
| 3.13/16 | S-2461L | 5.511 | 4.921 | 2.125 | 5.433 | 7.086 | 24.20 |
| 3.7/8 | S-2462L | 5.629 | 4.921 | 2.125 | 5.433 | 7.086 | 24.20 |
| 3.15/16 | S-2463L | 5.629 | 4.921 | 2.125 | 5.630 | 7.283 | 24.64 |
| 4 | S-2464L | 5.748 | 4.921 | 2.125 | 5.630 | 7.283 | 25.85 |
| 4.1/16 | S-2465L | 5.748 | 4.921 | 2.125 | 5.630 | 7.283 | 25.85 |
| 4.1/8 | S-2466L | 5.866 | 4.921 | 2.244 | 6.024 | 7.677 | 26.20 |
| 4.3/16 | S-2467L | 5.866 | 4.921 | 2.244 | 6.024 | 7.677 | 26.20 |
| 4.1/4 | S-2468L | 6.102 | 4.921 | 2.362 | 6.024 | 7.677 | 27.50 |
| 4.3/8 | S-2470L | 6.102 | 4.921 | 2.480 | 6.024 | 7.677 | 29.92 |
| 4.1/2 | S-2472L | 6.338 | 4.921 | 2.755 | 6.024 | 7.677 | 32.12 |
| 4.5/8 | S-2474L | 6.456 | 4.921 | 2.755 | 6.211 | 7.874 | 34.32 |
| 4.3/4 | S-2476L | 6.614 | 4.921 | 2.952 | 6.211 | 7.874 | 36.30 |
| 5 | S-2480L | 7.000 | 4.921 | 2.952 | 6.211 | 7.874 | 40.37 |
| 5.1/8 | S-2482L | 7.086 | 4.921 | 3.228 | 6.211 | 7.874 | 42.90 |



REGULAR EXTENSIONS

| OAL mm (inch) | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) | Wt Kg. (lbs.) |
|-----------------------|----------------|------------------------|-----------------------|-----------------------------|
| 150 (6") 304 (12") | E2406 E2412 | 52.0 (2.047) | 86.0 (3.386) | 3.90 (8.58) 6.30 (13.86) |



DOUBLE MALE EXTENSIONS

| OAL mm (inch) | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) | Wt Kg. (lbs.) |
|--|----------------------------------|------------------------|-----------------------|---|
| 100 (4") 125 (5") 250 (10") 510 (20") | S2404 S2405 S2410 S2420 | 52.0 (2.047) | 38.1 (1.500) | 2.50 (5.50) 2.80 (6.16) 3.60 (7.92) 5.10 (11.20) |



SQUARE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) | Wt Kg. (lbs.) |
|---------------------|--------------|-----------------------|------------------|------------------|
| 1.1/2" F X 1" M | A2416 | 86.0 (3.386) | 100.0 (3.937) | 1.98 (4.37) |
| 1.1/2" F X 2.1/2" M | A2440 | | 113.0 (4.448) | 3.92 (8.65) |
| 1.1/2" F X #5 M | A2495 | | 115.0 (4.527) | 4.20 (9.25) |



DOUBLE FEMALE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) | Wt Kg. (lbs.) |
|---------------------|--------------|-----------------------|------------------|------------------|
| 1.1/2" F X 1" F | AN2416 | 86.0 (3.386) | 80.0 (3.149) | 2.30 (5.06) |
| 1.1/2" F X 1.1/2" F | AN2424 | | 95.0 (3.740) | 3.60 (7.92) |
| 1.1/2" F X 2.1/2" F | AN2440 | | 110.0 (4.330) | 4.50 (9.90) |



UNIVERSAL JOINT

| SQUARE DRIVE | MODEL NO. | DIA mm (inch) | OAL mm (inch) | Wt Kg. (lbs.) |
|-----------------|--------------|------------------|------------------|------------------|
| 1.1/2" | U2424 | 86.0 (3.386) | 158 (6.220) | 3.85 (8.47) |

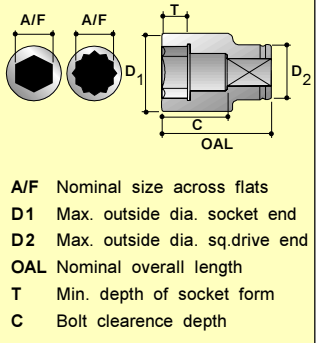
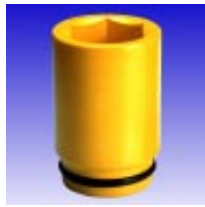
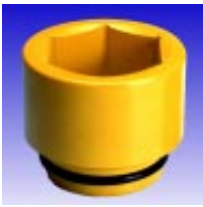


TORQTOOL Impact Sockets ideal for use with Hydraulic Torque Wrenches.



2 1/2"

IMPACT SOCKETS



METRIC HEXAGON

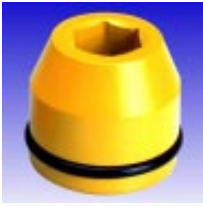
FRACTIONAL HEXAGON

| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm |
|--------|-----------|-------|-------|-------|-------|--------|
| 43 | S-40M43 | 104.0 | 127.0 | 25.0 | 60.0 | 118.0 |
| 44 | S-40M44 | 104.0 | 127.0 | 25.0 | 60.0 | 118.0 |
| 45 | S-40M45 | 104.0 | 127.0 | 25.0 | 60.0 | 118.0 |
| 46 | S-40M46 | 104.0 | 127.0 | 28.0 | 60.0 | 118.0 |
| 47 | S-40M47 | 104.0 | 127.0 | 28.0 | 60.0 | 118.0 |
| 48 | S-40M48 | 104.0 | 127.0 | 28.0 | 60.0 | 118.0 |
| 49 | S-40M49 | 104.0 | 127.0 | 30.0 | 60.0 | 118.0 |
| 50 | S-40M50 | 104.0 | 127.0 | 30.0 | 60.0 | 118.0 |
| 51 | S-40M51 | 104.0 | 127.0 | 30.0 | 60.0 | 118.0 |
| 52 | S-40M52 | 104.0 | 127.0 | 30.0 | 60.0 | 118.0 |
| 54 | S-40M54 | 104.0 | 127.0 | 30.0 | 60.0 | 118.0 |
| 55 | S-40M55 | 104.0 | 127.0 | 33.0 | 60.0 | 118.0 |
| 56 | S-40M56 | 104.0 | 127.0 | 33.0 | 60.0 | 118.0 |
| 57 | S-40M57 | 104.0 | 127.0 | 33.0 | 60.0 | 118.0 |
| 58 | S-40M58 | 104.0 | 127.0 | 33.0 | 60.0 | 118.0 |
| 59 | S-40M59 | 104.0 | 127.0 | 33.0 | 60.0 | 118.0 |
| 60 | S-40M60 | 104.0 | 127.0 | 36.0 | 60.0 | 118.0 |
| 62 | S-40M62 | 104.0 | 127.0 | 36.0 | 60.0 | 118.0 |
| 65 | S-40M65 | 104.0 | 127.0 | 39.0 | 60.0 | 118.0 |
| 67 | S-40M67 | 104.0 | 127.0 | 39.0 | 60.0 | 118.0 |
| 70 | S-40M70 | 104.0 | 127.0 | 43.0 | 60.0 | 118.0 |
| 73 | S-40M73 | 118.0 | 127.0 | 43.0 | 70.0 | 128.0 |
| 75 | S-40M75 | 118.0 | 127.0 | 43.0 | 70.0 | 128.0 |
| 76 | S-40M76 | 118.0 | 127.0 | 43.0 | 70.0 | 128.0 |
| 80 | S-40M80 | 127.0 | 127.0 | 48.0 | 70.0 | 128.0 |
| 85 | S-40M85 | 133.0 | 127.0 | 48.0 | 75.0 | 133.0 |
| 86 | S-40M86 | 133.0 | 127.0 | 48.0 | 75.0 | 133.0 |
| 90 | S-40M90 | 136.0 | 127.0 | 52.0 | 77.0 | 135.0 |
| 95 | S-40M95 | 143.0 | 127.0 | 55.0 | 77.0 | 135.0 |
| 100 | S-40M100 | 150.0 | 127.0 | 58.0 | 86.0 | 144.0 |
| 105 | S-40M105 | 157.0 | 127.0 | 62.0 | 86.0 | 144.0 |
| 110 | S-40M110 | 160.0 | 127.0 | 64.0 | 95.0 | 153.0 |
| 115 | S-40M115 | 168.0 | 127.0 | 68.0 | 103.0 | 161.0 |
| 120 | S-40M120 | 175.0 | 127.0 | 72.0 | 103.0 | 161.0 |
| 125 | S-40M125 | 186.0 | 127.0 | 72.0 | 103.0 | 161.0 |
| 130 | S-40M130 | 186.0 | 127.0 | 78.0 | 119.0 | 177.0 |
| 135 | S-40M135 | 193.0 | 127.0 | 80.0 | 119.0 | 177.0 |
| 140 | S-40M140 | 200.0 | 127.0 | 86.0 | 122.0 | 180.0 |
| 145 | S-40M145 | 205.0 | 152.0 | 86.0 | 127.0 | 185.0 |
| 150 | S-40M150 | 214.0 | 152.0 | 90.0 | 135.0 | 193.0 |
| 155 | S-40M155 | 218.0 | 152.0 | 92.0 | 135.0 | 193.0 |
| 160 | S-40M160 | 225.0 | 152.0 | 95.0 | 139.0 | 197.0 |
| 165 | S-40M165 | 232.0 | 175.0 | 98.0 | 146.0 | 204.0 |
| 170 | S-40M170 | 237.0 | 175.0 | 98.0 | 146.0 | 204.0 |
| 175 | S-40M175 | 243.0 | 175.0 | 103.0 | 153.0 | 211.0 |
| 180 | S-40M180 | 250.0 | 175.0 | 110.0 | 159.0 | 217.0 |
| 185 | S-40M185 | 255.0 | 175.0 | 110.0 | 159.0 | 217.0 |
| 190 | S-40M190 | 265.0 | 175.0 | 113.0 | 163.0 | 221.0 |
| 195 | S-40M195 | 270.0 | 175.0 | 113.0 | 167.0 | 225.0 |
| 200 | S-40M200 | 275.0 | 175.0 | 118.0 | 171.0 | 229.0 |
| 210 | S-40M210 | 285.0 | 175.0 | 121.0 | 177.0 | 235.0 |
| 215 | S-40M215 | 295.0 | 175.0 | 125.0 | 184.0 | 242.0 |
| 225 | S-40M225 | 305.0 | 175.0 | 132.0 | 203.0 | 261.0 |

| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch |
|----------|-----------|---------|---------|--------|--------|----------|
| 1.5/8 | S-4026 | 4.094 | 5.000 | 0.984 | 0.423 | 4.645 |
| 1.3/4 | S-4028 | 4.094 | 5.000 | 0.984 | 0.423 | 4.645 |
| 1.7/8 | S-4030 | 4.094 | 5.000 | 1.102 | 0.423 | 4.645 |
| 2 | S-4032 | 4.094 | 5.000 | 1.181 | 0.423 | 4.645 |
| 2.1/8 | S-4034 | 4.094 | 5.000 | 1.299 | 0.423 | 4.645 |
| 2.1/4 | S-4036 | 4.094 | 5.000 | 1.299 | 0.423 | 4.645 |
| 2.3/8 | S-4038 | 4.094 | 5.000 | 1.417 | 0.423 | 4.645 |
| 2.1/2 | S-4040 | 4.094 | 5.000 | 1.417 | 0.423 | 4.645 |
| 2.5/8 | S-4042 | 4.094 | 5.000 | 1.535 | 0.423 | 4.645 |
| 2.3/4 | S-4044 | 4.094 | 5.000 | 1.692 | 0.423 | 4.645 |
| 2.7/8 | S-4046 | 4.645 | 5.000 | 1.692 | 1.166 | 5.039 |
| 2.15/16 | S-4047 | 4.645 | 5.000 | 1.692 | 1.166 | 5.039 |
| 3 | S-4048 | 4.645 | 5.000 | 1.692 | 1.166 | 5.039 |
| 3.1/8 | S-4050 | 5.000 | 5.000 | 1.889 | 1.166 | 5.039 |
| 3.1/4 | S-4052 | 5.118 | 5.000 | 1.889 | 1.166 | 5.039 |
| 3.3/8 | S-4054 | 5.236 | 5.000 | 1.889 | 1.250 | 5.236 |
| 3.1/2 | S-4056 | 4.354 | 5.000 | 1.889 | 1.250 | 5.236 |
| 3.5/8 | S-4058 | 5.511 | 5.000 | 2.047 | 1.283 | 5.314 |
| 3.3/4 | S-4060 | 5.629 | 5.000 | 2.165 | 1.283 | 5.314 |
| 3.7/8 | S-4062 | 5.787 | 5.000 | 2.165 | 1.283 | 5.314 |
| 4 | S-4064 | 5.905 | 5.000 | 2.283 | 1.433 | 5.669 |
| 4.1/8 | S-4066 | 6.181 | 5.000 | 2.440 | 1.433 | 5.669 |
| 4.1/4 | S-4068 | 6.299 | 5.000 | 2.440 | 1.433 | 5.669 |
| 4.3/8 | S-4070 | 6.496 | 5.000 | 2.519 | 1.583 | 6.023 |
| 4.1/2 | S-4072 | 6.614 | 5.000 | 2.677 | 1.716 | 6.338 |
| 4.5/8 | S-4074 | 6.889 | 5.000 | 2.677 | 1.716 | 6.338 |
| 4.7/8 | S-4078 | 7.086 | 5.000 | 2.834 | 1.716 | 6.338 |
| 5 | S-4080 | 7.322 | 5.000 | 2.834 | 1.716 | 6.338 |
| 5.1/8 | S-4082 | 7.322 | 5.000 | 3.070 | 1.983 | 6.968 |
| 5.1/4 | S-4084 | 7.598 | 5.000 | 3.070 | 1.983 | 6.968 |
| 5.3/8 | S-4086 | 7.716 | 5.000 | 3.149 | 1.983 | 6.968 |
| 5.1/2 | S-4088 | 7.874 | 5.000 | 3.385 | 2.033 | 7.086 |
| 5.5/8 | S-4090 | 7.874 | 5.000 | 3.385 | 2.116 | 7.283 |
| 5.3/4 | S-4092 | 8.070 | 5.984 | 3.385 | 2.116 | 7.283 |
| 6.1/8 | S-4098 | 8.582 | 5.984 | 3.543 | 2.250 | 7.598 |
| 6.1/2 | S-40104 | 9.133 | 6.889 | 3.858 | 2.433 | 8.031 |
| 6.7/8 | S-40110 | 9.566 | 6.889 | 4.055 | 2.550 | 8.307 |
| 7 | S-40112 | 9.842 | 6.889 | 4.055 | 2.550 | 8.307 |
| 7.1/4 | S-40116 | 10.039 | 6.889 | 4.330 | 2.650 | 8.543 |
| 7.1/2 | S-40120 | 10.433 | 6.889 | 4.448 | 2.716 | 8.700 |
| 7.5/8 | S-40122 | 10.629 | 6.889 | 4.448 | 2.783 | 8.858 |
| 7.3/4 | S-40124 | 10.826 | 6.889 | 4.448 | 2.783 | 8.858 |
| 7.7/8 | S-40126 | 10.826 | 6.889 | 4.645 | 2.850 | 9.015 |
| 8 | S-40128 | 11.023 | 6.889 | 4.645 | 2.850 | 9.015 |
| 8.1/8 | S-40130 | 11.220 | 6.889 | 4.645 | 2.850 | 9.015 |
| 8.1/4 | S-40132 | 11.220 | 6.889 | 4.763 | 2.950 | 9.251 |
| 8.3/8 | S-40134 | 11.417 | 6.889 | 4.763 | 2.950 | 9.251 |
| 8.1/2 | S-40136 | 11.614 | 6.889 | 4.921 | 3.066 | 9.527 |
| 9 | S-40144 | 12.283 | 6.889 | 5.196 | 3.383 | 10.275 |
| 9.1/4 | S-40148 | 12.401 | 6.889 | 5.354 | 3.783 | 11.220 |

IMPACT SOCKETS

2 1/2"



METRIC DEEP HEXAGON



FRACTIONAL DEEP HEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm |
|--------|-----------|-------|-------|-------|-------|--------|
| 43 | S-40M43L | 104.0 | 127.0 | 25.0 | 132.0 | 192.0 |
| 44 | S-40M44L | 104.0 | 127.0 | 25.0 | 132.0 | 192.0 |
| 45 | S-40M45L | 104.0 | 127.0 | 25.0 | 132.0 | 192.0 |
| 46 | S-40M46L | 104.0 | 127.0 | 28.0 | 132.0 | 192.0 |
| 47 | S-40M47L | 104.0 | 127.0 | 28.0 | 132.0 | 192.0 |
| 48 | S-40M48L | 104.0 | 127.0 | 28.0 | 132.0 | 192.0 |
| 49 | S-40M49L | 104.0 | 127.0 | 30.0 | 132.0 | 192.0 |
| 50 | S-40M50L | 104.0 | 127.0 | 30.0 | 132.0 | 192.0 |
| 51 | S-40M51L | 104.0 | 127.0 | 30.0 | 132.0 | 192.0 |
| 52 | S-40M52L | 104.0 | 127.0 | 30.0 | 132.0 | 192.0 |
| 54 | S-40M54L | 104.0 | 127.0 | 30.0 | 132.0 | 192.0 |
| 55 | S-40M55L | 104.0 | 127.0 | 33.0 | 132.0 | 192.0 |
| 56 | S-40M56L | 104.0 | 127.0 | 33.0 | 132.0 | 192.0 |
| 57 | S-40M57L | 104.0 | 127.0 | 33.0 | 132.0 | 192.0 |
| 58 | S-40M58L | 104.0 | 127.0 | 33.0 | 132.0 | 192.0 |
| 59 | S-40M59L | 104.0 | 127.0 | 33.0 | 132.0 | 192.0 |
| 60 | S-40M60L | 104.0 | 127.0 | 36.0 | 132.0 | 192.0 |
| 62 | S-40M62L | 104.0 | 127.0 | 36.0 | 132.0 | 192.0 |
| 65 | S-40M65L | 104.0 | 127.0 | 39.0 | 132.0 | 192.0 |
| 67 | S-40M67L | 104.0 | 127.0 | 39.0 | 132.0 | 192.0 |
| 70 | S-40M70L | 104.0 | 127.0 | 43.0 | 132.0 | 192.0 |
| 73 | S-40M73L | 118.0 | 127.0 | 43.0 | 132.0 | 192.0 |
| 75 | S-40M75L | 118.0 | 127.0 | 43.0 | 132.0 | 192.0 |
| 76 | S-40M76L | 118.0 | 127.0 | 43.0 | 132.0 | 192.0 |
| 80 | S-40M80L | 127.0 | 127.0 | 48.0 | 132.0 | 192.0 |
| 85 | S-40M85L | 133.0 | 127.0 | 48.0 | 132.0 | 192.0 |
| 86 | S-40M86L | 133.0 | 127.0 | 48.0 | 132.0 | 192.0 |
| 90 | S-40M90L | 136.0 | 127.0 | 52.0 | 132.0 | 192.0 |
| 95 | S-40M95L | 143.0 | 127.0 | 55.0 | 132.0 | 192.0 |
| 100 | S-40M100L | 150.0 | 127.0 | 58.0 | 138.0 | 198.0 |
| 105 | S-40M105L | 157.0 | 127.0 | 62.0 | 138.0 | 198.0 |
| 110 | S-40M110L | 160.0 | 127.0 | 64.0 | 147.0 | 207.0 |
| 115 | S-40M115L | 168.0 | 127.0 | 68.0 | 147.0 | 207.0 |
| 120 | S-40M120L | 175.0 | 127.0 | 72.0 | 155.0 | 215.0 |
| 125 | S-40M125L | 186.0 | 127.0 | 72.0 | 155.0 | 215.0 |
| 130 | S-40M130L | 186.0 | 127.0 | 78.0 | 163.0 | 223.0 |
| 135 | S-40M135L | 193.0 | 127.0 | 80.0 | 171.0 | 231.0 |
| 140 | S-40M140L | 200.0 | 127.0 | 86.0 | 174.0 | 234.0 |
| 145 | S-40M145L | 205.0 | 152.0 | 86.0 | 180.0 | 240.0 |
| 150 | S-40M150L | 214.0 | 152.0 | 90.0 | 188.0 | 248.0 |
| 155 | S-40M155L | 218.0 | 152.0 | 92.0 | 188.0 | 248.0 |
| 160 | S-40M160L | 225.0 | 152.0 | 95.0 | 192.0 | 252.0 |
| 165 | S-40M165L | 232.0 | 175.0 | 98.0 | 200.0 | 260.0 |
| 170 | S-40M170L | 237.0 | 175.0 | 98.0 | 200.0 | 260.0 |
| 175 | S-40M175L | 243.0 | 175.0 | 103.0 | 204.0 | 264.0 |
| 180 | S-40M180L | 250.0 | 175.0 | 110.0 | 212.0 | 272.0 |
| 185 | S-40M185L | 255.0 | 175.0 | 110.0 | 212.0 | 272.0 |
| 190 | S-40M190L | 265.0 | 175.0 | 113.0 | 216.0 | 276.0 |
| 195 | S-40M195L | 270.0 | 175.0 | 113.0 | 220.0 | 280.0 |
| 200 | S-40M200L | 275.0 | 175.0 | 118.0 | 224.0 | 284.0 |
| 210 | S-40M210L | 285.0 | 175.0 | 121.0 | 230.0 | 290.0 |
| 215 | S-40M215L | 295.0 | 175.0 | 125.0 | 256.0 | 316.0 |
| 225 | S-40M225L | 305.0 | 175.0 | 132.0 | 256.0 | 316.0 |

| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch |
|----------|-----------|---------|---------|--------|--------|----------|
| 1.5/8 | S-4026L | 4.094 | 5.000 | 0.984 | 5.197 | 7.559 |
| 1.3/4 | S-4028L | 4.094 | 5.000 | 0.984 | 5.197 | 7.559 |
| 1.7/8 | S-4030L | 4.094 | 5.000 | 1.102 | 5.197 | 7.559 |
| 2 | S-4032L | 4.094 | 5.000 | 1.181 | 5.197 | 7.559 |
| 2.1/8 | S-4034L | 4.094 | 5.000 | 1.299 | 5.197 | 7.559 |
| 2.1/4 | S-4036L | 4.094 | 5.000 | 1.299 | 5.197 | 7.559 |
| 2.3/8 | S-4038L | 4.094 | 5.000 | 1.417 | 5.197 | 7.559 |
| 2.1/2 | S-4040L | 4.094 | 5.000 | 1.417 | 5.197 | 7.559 |
| 2.5/8 | S-4042L | 4.094 | 5.000 | 1.535 | 5.197 | 7.559 |
| 2.3/4 | S-4044L | 4.094 | 5.000 | 1.692 | 5.197 | 7.559 |
| 2.7/8 | S-4046L | 4.645 | 5.000 | 1.692 | 5.197 | 7.559 |
| 2.15/16 | S-4047L | 4.645 | 5.000 | 1.692 | 5.197 | 7.559 |
| 3 | S-4048L | 4.645 | 5.000 | 1.692 | 5.197 | 7.559 |
| 3.1/8 | S-4050L | 5.000 | 5.000 | 1.889 | 5.197 | 7.559 |
| 3.1/4 | S-4052L | 5.118 | 5.000 | 1.889 | 5.197 | 7.559 |
| 3.3/8 | S-4054L | 5.236 | 5.000 | 1.889 | 5.197 | 7.559 |
| 3.1/2 | S-4056L | 4.354 | 5.000 | 1.889 | 5.197 | 7.559 |
| 3.5/8 | S-4058L | 5.511 | 5.000 | 2.047 | 5.197 | 7.559 |
| 3.3/4 | S-4060L | 5.629 | 5.000 | 2.165 | 5.197 | 7.559 |
| 3.7/8 | S-4062L | 5.787 | 5.000 | 2.165 | 5.197 | 7.559 |
| 4 | S-4064L | 5.905 | 5.000 | 2.283 | 5.197 | 7.559 |
| 4.1/8 | S-4066L | 6.181 | 5.000 | 2.440 | 5.197 | 7.559 |
| 4.1/4 | S-4068L | 6.299 | 5.000 | 2.440 | 5.788 | 8.150 |
| 4.3/8 | S-4070L | 6.496 | 5.000 | 2.519 | 5.788 | 8.150 |
| 4.1/2 | S-4072L | 6.614 | 5.000 | 2.677 | 5.788 | 8.150 |
| 4.5/8 | S-4074L | 6.889 | 5.000 | 2.677 | 6.103 | 8.465 |
| 4.7/8 | S-4078L | 7.086 | 5.000 | 2.834 | 6.103 | 8.465 |
| 5 | S-4080L | 7.322 | 5.000 | 2.834 | 6.148 | 8.780 |
| 5.1/8 | S-4082L | 7.322 | 5.000 | 3.070 | 6.732 | 9.094 |
| 5.1/4 | S-4084L | 7.598 | 5.000 | 3.070 | 6.732 | 9.094 |
| 5.3/8 | S-4086L | 7.716 | 5.000 | 3.149 | 6.732 | 9.094 |
| 5.1/2 | S-4088L | 7.874 | 5.000 | 3.385 | 7.087 | 9.449 |
| 5.5/8 | S-4090L | 7.874 | 5.000 | 3.385 | 7.087 | 9.449 |
| 5.3/4 | S-4092L | 8.070 | 5.984 | 3.385 | 7.087 | 9.449 |
| 6.1/8 | S-4098L | 8.582 | 5.984 | 3.543 | 7.402 | 9.764 |
| 6.1/2 | S-40104L | 9.133 | 6.889 | 3.858 | 8.032 | 10.394 |
| 6.7/8 | S-40110L | 9.566 | 6.889 | 4.055 | 8.032 | 10.394 |
| 7 | S-40112L | 9.842 | 6.889 | 4.055 | 8.347 | 10.709 |
| 7.1/4 | S-40116L | 10.039 | 6.889 | 4.330 | 8.347 | 10.709 |
| 7.1/2 | S-40120L | 10.433 | 6.889 | 4.448 | 8.504 | 10.866 |
| 7.5/8 | S-40122L | 10.629 | 6.889 | 4.448 | 8.662 | 11.024 |
| 7.3/4 | S-40124L | 10.826 | 6.889 | 4.448 | 8.819 | 11.181 |
| 7.7/8 | S-40126L | 10.826 | 6.889 | 4.645 | 8.819 | 11.181 |
| 8 | S-40128L | 11.023 | 6.889 | 4.645 | 9.331 | 11.693 |
| 8.1/8 | S-40130L | 11.220 | 6.889 | 4.645 | 9.331 | 11.693 |
| 8.1/4 | S-40132L | 11.220 | 6.889 | 4.763 | 9.331 | 11.693 |
| 8.3/8 | S-40134L | 11.417 | 6.889 | 4.763 | 9.331 | 11.693 |
| 8.1/2 | S-40136L | 11.614 | 6.889 | 4.921 | 9.331 | 12.441 |
| 9 | S-40144L | 12.283 | 6.889 | 5.196 | 10.079 | 12.441 |
| 9.1/4 | S-40148L | 12.401 | 6.889 | 5.354 | 11.811 | 14.173 |

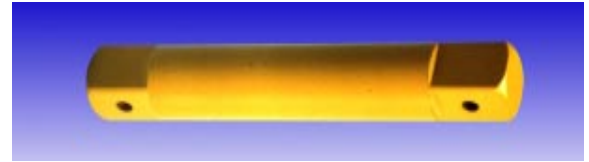


2 1/2"

IMPACT ACCESSORIES

DOUBLE MALE EXTENSIONS

| OAL mmc (inch) | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) |
|-------------------|--------------|------------------------|-----------------------|
| 125 (5") | S4005 | 85.0 (3.346) | 63.5 (2.500) |
| 150 (6") | S4006 | | |
| 200 (8") | S4008 | | |
| 250 (10") | S4010 | 85.0 (3.346) | 63.5 (2.500) |
| 380 (15") | S4015 | | |
| 510 (20") | S4020 | | |



SQUARE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) |
|---------------------|--------------|-----------------------|------------------|
| 2.1/2" F X 1.1/2" M | A4024 | 127.0 (5.000) | 140.0 (5.511) |
| 2.1/2" F X 3.1/2" M | A4056 | | 185.0 (7.283) |



DOUBLE FEMALE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) |
|---------------------|--------------|-----------------------|------------------|
| 2.1/2" F X 1.1/2" F | AN4024 | 127.0 (5.000) | 115.0 (4.527) |
| 2.1/2" F X 2.1/2" F | AN4040 | | 120.0 (4.724) |
| 2.1/2" F X 3.1/2" F | AN4056 | | 162.0 (6.377) |



UNIVERSAL JOINT

| SQUARE DRIVE | MODEL NO. | DIA mm (inch) | OAL mm (inch) |
|-----------------|--------------|------------------|------------------|
| 2.1/2" | U4040 | 127.0 (5.000) | 232.0 (9.133) |



TORQTOOL Impact Socket used along with a TORQPLUS Torque Multiplier

IMPACT SOCKETS

3 1/2"

METRIC HEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm |
|--------|-----------|-------|-------|-------|-------|--------|
| 120 | S-56M120 | 180.0 | 175.0 | 72.0 | 102.0 | 182.0 |
| 130 | S-56M130 | 193.0 | 175.0 | 80.0 | 110.0 | 190.0 |
| 135 | S-56M135 | 197.0 | 175.0 | 83.0 | 118.0 | 198.0 |
| 145 | S-56M145 | 213.0 | 175.0 | 86.0 | 134.0 | 214.0 |
| 150 | S-56M150 | 218.0 | 175.0 | 90.0 | 134.0 | 214.0 |
| 155 | S-56M155 | 225.0 | 175.0 | 92.0 | 134.0 | 214.0 |
| 165 | S-56M165 | 237.0 | 175.0 | 98.0 | 151.0 | 231.0 |
| 170 | S-56M170 | 243.0 | 175.0 | 100.0 | 151.0 | 231.0 |
| 175 | S-56M175 | 249.0 | 175.0 | 102.0 | 151.0 | 231.0 |
| 180 | S-56M180 | 255.0 | 175.0 | 108.0 | 157.0 | 237.0 |
| 195 | S-56M195 | 275.0 | 175.0 | 118.0 | 165.0 | 245.0 |
| 200 | S-56M200 | 280.0 | 175.0 | 120.0 | 170.0 | 250.0 |
| 215 | S-56M215 | 298.0 | 175.0 | 125.0 | 183.0 | 263.0 |
| 230 | S-56M230 | 317.0 | 175.0 | 132.0 | 199.0 | 279.0 |
| 235 | S-56M235 | 325.0 | 175.0 | 136.0 | 199.0 | 279.0 |

FRACTIONAL HEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch |
|----------|-----------|---------|---------|--------|--------|----------|
| 4.5/8 | S-5674 | 6.889 | 6.889 | 2.834 | 4.015 | 7.165 |
| 4.7/8 | S-5678 | 7.283 | 6.889 | 2.834 | 4.330 | 7.480 |
| 5.1/4 | S-5684 | 7.755 | 6.889 | 3.149 | 4.645 | 7.795 |
| 5.3/8 | S-5686 | 7.874 | 6.889 | 3.267 | 4.645 | 7.795 |
| 5.5/8 | S-5690 | 8.267 | 6.889 | 3.385 | 5.275 | 8.425 |
| 5.3/4 | S-5692 | 8.385 | 6.889 | 3.385 | 5.275 | 8.425 |
| 6 | S-5696 | 8.700 | 6.889 | 3.543 | 5.275 | 8.425 |
| 6.1/8 | S-5698 | 8.858 | 6.889 | 3.622 | 5.275 | 8.425 |
| 6.1/2 | S-56104 | 9.330 | 6.889 | 3.858 | 5.944 | 9.094 |
| 6.7/8 | S-56110 | 9.803 | 6.889 | 4.015 | 5.944 | 9.094 |
| 7.1/4 | S-56116 | 10.275 | 6.889 | 4.409 | 6.181 | 9.330 |
| 7.5/8 | S-56122 | 10.826 | 6.889 | 4.645 | 6.496 | 9.645 |
| 8 | S-56128 | 11.220 | 6.889 | 4.724 | 7.204 | 10.354 |
| 8.3/8 | S-56134 | 11.653 | 6.889 | 4.803 | 7.204 | 10.354 |
| 9.1/8 | S-56146 | 12.598 | 6.889 | 5.196 | 7.834 | 10.984 |

METRIC DEEP HEXAGON



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm |
|--------|-----------|-------|-------|-------|-------|--------|
| 120 | S-56M120L | 180.0 | 175.0 | 72.0 | 197.0 | 277.0 |
| 130 | S-56M130L | 193.0 | 175.0 | 80.0 | 200.0 | 280.0 |
| 135 | S-56M135L | 197.0 | 175.0 | 83.0 | 200.0 | 280.0 |
| 145 | S-56M145L | 213.0 | 175.0 | 86.0 | 215.0 | 295.0 |
| 150 | S-56M150L | 218.0 | 175.0 | 90.0 | 215.0 | 295.0 |
| 155 | S-56M155L | 225.0 | 175.0 | 92.0 | 217.0 | 297.0 |
| 165 | S-56M165L | 237.0 | 175.0 | 98.0 | 233.0 | 313.0 |
| 170 | S-56M170L | 243.0 | 175.0 | 100.0 | 233.0 | 313.0 |
| 175 | S-56M175L | 249.0 | 175.0 | 102.0 | 233.0 | 313.0 |
| 180 | S-56M180L | 255.0 | 175.0 | 108.0 | 240.0 | 320.0 |
| 195 | S-56M195L | 275.0 | 175.0 | 118.0 | 248.0 | 328.0 |
| 200 | S-56M200L | 280.0 | 175.0 | 120.0 | 252.0 | 332.0 |
| 215 | S-56M215L | 298.0 | 175.0 | 125.0 | 266.0 | 346.0 |
| 230 | S-56M230L | 317.0 | 175.0 | 132.0 | 279.0 | 359.0 |
| 235 | S-56M235L | 325.0 | 175.0 | 136.0 | 282.0 | 362.0 |

FRACTIONAL DEEP HEXAGON



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch |
|----------|-----------|---------|---------|--------|--------|----------|
| 4.5/8 | S-5674L | 6.889 | 6.889 | 2.834 | 7.756 | 10.906 |
| 4.7/8 | S-5678L | 7.283 | 6.889 | 2.834 | 7.756 | 10.906 |
| 5.1/4 | S-5684L | 7.755 | 6.889 | 3.149 | 7.874 | 11.024 |
| 5.3/8 | S-5686L | 7.874 | 6.889 | 3.267 | 7.874 | 11.024 |
| 5.5/8 | S-5690L | 8.267 | 6.889 | 3.385 | 8.543 | 11.693 |
| 5.3/4 | S-5692L | 8.385 | 6.889 | 3.385 | 8.543 | 11.693 |
| 6 | S-5696L | 8.700 | 6.889 | 3.543 | 8.543 | 11.693 |
| 6.1/8 | S-5698L | 9.055 | 6.889 | 3.622 | 8.543 | 11.693 |
| 6.1/2 | S-56104L | 9.330 | 6.889 | 3.858 | 9.173 | 12.323 |
| 6.7/8 | S-56110L | 9.803 | 6.889 | 4.015 | 9.173 | 12.323 |
| 7.1/4 | S-56116L | 10.275 | 6.889 | 4.409 | 9.448 | 12.598 |
| 7.5/8 | S-56122L | 10.826 | 6.889 | 4.645 | 9.763 | 12.913 |
| 8 | S-56128L | 11.220 | 6.889 | 4.724 | 10.472 | 13.322 |
| 8.3/8 | S-56134L | 11.653 | 6.889 | 4.803 | 10.472 | 13.622 |
| 9.1/8 | S-56146L | 12.598 | 6.889 | 5.196 | 11.102 | 14.252 |

IMPACT ACCESSORIES

DOUBLE MALE EXTENSIONS

| OAL mm (inch) | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) |
|---------------|-----------|---------------------|--------------------|
| 250 (10") | S5610 | 120.0 (4.724) | 175.0 (6.889) |
| 510 (20") | S5620 | | |



SQUARE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) |
|---------------------|-----------|--------------------|---------------|
| 3.1/2" F X 2.1/2" M | A5640 | 175.0 (6.889) | 185.0 (7.283) |



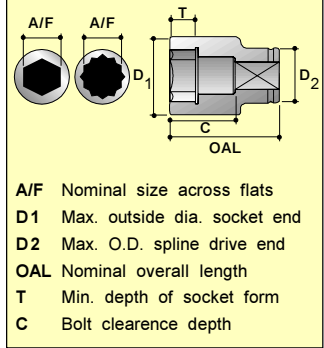
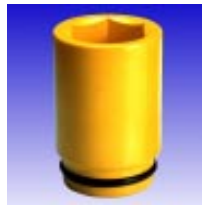
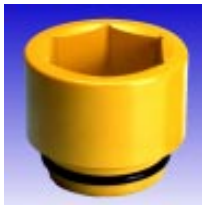
DOUBLE FEMALE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) |
|---------------------|-----------|--------------------|---------------|
| 3.1/2" F X 2.1/2" F | AN5640 | 175.0 (6.889) | 165.0 (6.496) |





IMPACT SOCKETS



METRIC # 5 SPLINE

| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm |
|--------|-----------|-------|-------|------|------|--------|
| 19 | S-95M19 | 48.0 | 56.0 | 14.0 | 25.0 | 70.0 |
| 20 | S-95M20 | 48.0 | 56.0 | 14.0 | 25.0 | 70.0 |
| 21 | S-95M21 | 48.0 | 56.0 | 14.0 | 25.0 | 70.0 |
| 22 | S-95M22 | 48.0 | 56.0 | 14.0 | 25.0 | 70.0 |
| 23 | S-95M23 | 48.0 | 56.0 | 14.0 | 25.0 | 70.0 |
| 24 | S-95M24 | 50.0 | 56.0 | 16.0 | 25.0 | 70.0 |
| 25 | S-95M25 | 50.0 | 56.0 | 16.0 | 25.0 | 70.0 |
| 26 | S-95M26 | 52.0 | 56.0 | 16.0 | 25.0 | 70.0 |
| 27 | S-95M27 | 52.0 | 56.0 | 16.0 | 25.0 | 70.0 |
| 28 | S-95M28 | 52.0 | 56.0 | 16.0 | 25.0 | 70.0 |
| 29 | S-95M29 | 54.0 | 56.0 | 16.0 | 25.0 | 70.0 |
| 30 | S-95M30 | 54.0 | 56.0 | 21.0 | 25.0 | 70.0 |
| 31 | S-95M31 | 60.0 | 56.0 | 21.0 | 25.0 | 75.0 |
| 32 | S-95M32 | 60.0 | 56.0 | 21.0 | 25.0 | 75.0 |
| 33 | S-95M33 | 60.0 | 56.0 | 21.0 | 25.0 | 75.0 |
| 34 | S-95M34 | 60.0 | 56.0 | 21.0 | 32.0 | 77.0 |
| 35 | S-95M35 | 60.0 | 56.0 | 21.0 | 32.0 | 77.0 |
| 36 | S-95M36 | 63.0 | 56.0 | 25.0 | 35.0 | 80.0 |
| 37 | S-95M37 | 63.0 | 56.0 | 25.0 | 35.0 | 80.0 |
| 38 | S-95M38 | 63.0 | 56.0 | 25.0 | 35.0 | 80.0 |
| 39 | S-95M39 | 67.0 | 56.0 | 25.0 | 35.0 | 80.0 |
| 40 | S-95M40 | 67.0 | 56.0 | 25.0 | 35.0 | 80.0 |
| 41 | S-95M41 | 67.0 | 56.0 | 28.0 | 35.0 | 80.0 |
| 42 | S-95M42 | 67.0 | 56.0 | 28.0 | 35.0 | 80.0 |
| 43 | S-95M43 | 67.0 | 56.0 | 28.0 | 39.0 | 84.0 |
| 44 | S-95M44 | 73.0 | 56.0 | 28.0 | 39.0 | 84.0 |
| 45 | S-95M45 | 73.0 | 56.0 | 28.0 | 39.0 | 84.0 |
| 46 | S-95M46 | 73.0 | 56.0 | 28.0 | 39.0 | 84.0 |
| 47 | S-95M47 | 73.0 | 56.0 | 28.0 | 39.0 | 84.0 |
| 48 | S-95M48 | 73.0 | 56.0 | 28.0 | 43.0 | 88.0 |
| 49 | S-95M49 | 73.0 | 56.0 | 28.0 | 43.0 | 88.0 |
| 50 | S-95M50 | 82.0 | 56.0 | 28.0 | 43.0 | 88.0 |
| 51 | S-95M51 | 82.0 | 56.0 | 28.0 | 43.0 | 88.0 |
| 52 | S-95M52 | 82.0 | 56.0 | 28.0 | 43.0 | 88.0 |
| 54 | S-95M54 | 82.0 | 56.0 | 28.0 | 48.0 | 93.0 |
| 55 | S-95M55 | 82.0 | 56.0 | 30.0 | 48.0 | 93.0 |
| 56 | S-95M56 | 88.0 | 86.0 | 30.0 | 51.0 | 96.0 |
| 57 | S-95M57 | 88.0 | 86.0 | 30.0 | 51.0 | 96.0 |
| 58 | S-95M58 | 88.0 | 86.0 | 30.0 | 51.0 | 96.0 |
| 59 | S-95M59 | 88.0 | 86.0 | 30.0 | 51.0 | 96.0 |
| 60 | S-95M60 | 88.0 | 86.0 | 32.0 | 51.0 | 96.0 |
| 61 | S-95M61 | 88.0 | 86.0 | 32.0 | 53.0 | 98.0 |
| 62 | S-95M62 | 88.0 | 86.0 | 32.0 | 55.0 | 100.0 |
| 65 | S-95M65 | 100.0 | 86.0 | 38.0 | 55.0 | 100.0 |
| 67 | S-95M67 | 100.0 | 86.0 | 38.0 | 57.0 | 102.0 |
| 70 | S-95M70 | 100.0 | 86.0 | 40.0 | 57.0 | 102.0 |
| 73 | S-95M73 | 105.0 | 86.0 | 40.0 | 63.0 | 108.0 |
| 75 | S-95M75 | 105.0 | 86.0 | 42.0 | 63.0 | 108.0 |
| 76 | S-95M76 | 109.0 | 86.0 | 42.0 | 69.0 | 114.0 |
| 80 | S-95M80 | 115.0 | 86.0 | 44.0 | 69.0 | 114.0 |

FRACTIONAL # 5 SPLINE

| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch |
|----------|-----------|---------|---------|--------|--------|----------|
| 3/4 | S-9512 | 1.889 | 2.362 | 0.551 | 0.984 | 2.755 |
| 13/16 | S-9513 | 1.889 | 2.362 | 0.551 | 0.984 | 2.755 |
| 7/8 | S-9514 | 1.889 | 2.362 | 0.551 | 0.984 | 2.755 |
| 15/16 | S-9515 | 1.968 | 2.362 | 0.629 | 0.984 | 2.755 |
| 1 | S-9516 | 1.968 | 2.362 | 0.629 | 0.984 | 2.755 |
| 1.1/16 | S-9517 | 2.047 | 2.362 | 0.629 | 0.984 | 2.755 |
| 1.1/8 | S-9518 | 2.047 | 2.362 | 0.629 | 0.984 | 2.755 |
| 1.3/16 | S-9519 | 2.125 | 2.362 | 0.826 | 0.984 | 2.755 |
| 1.1/4 | S-9520 | 2.362 | 2.362 | 0.826 | 1.181 | 2.952 |
| 1.5/16 | S-9521 | 2.362 | 2.362 | 0.826 | 1.181 | 2.952 |
| 1.3/8 | S-9522 | 2.362 | 2.362 | 0.826 | 1.259 | 3.031 |
| 1.7/16 | S-9523 | 2.480 | 2.362 | 0.984 | 1.377 | 3.149 |
| 1.1/2 | S-9524 | 2.480 | 2.362 | 0.984 | 1.377 | 3.149 |
| 1.9/16 | S-9525 | 2.637 | 2.362 | 0.984 | 1.377 | 3.149 |
| 1.5/8 | S-9526 | 2.637 | 2.362 | 1.102 | 1.377 | 3.149 |
| 1.11/16 | S-9527 | 2.637 | 2.362 | 1.102 | 1.535 | 3.307 |
| 1.3/4 | S-9528 | 2.874 | 2.362 | 1.102 | 1.535 | 3.307 |
| 1.13/16 | S-9529 | 2.874 | 2.362 | 1.102 | 1.535 | 3.307 |
| 1.7/8 | S-9530 | 2.874 | 2.362 | 1.102 | 1.535 | 3.307 |
| 1.15/16 | S-9531 | 2.874 | 2.362 | 1.102 | 1.692 | 3.464 |
| 2 | S-9532 | 3.228 | 2.362 | 1.102 | 1.692 | 3.464 |
| 2.1/16 | S-9533 | 3.228 | 2.362 | 1.102 | 1.692 | 3.464 |
| 2.1/8 | S-9534 | 3.228 | 2.362 | 1.102 | 1.889 | 3.661 |
| 2.3/16 | S-9535 | 3.228 | 2.362 | 1.181 | 1.889 | 3.661 |
| 2.1/4 | S-9536 | 3.464 | 3.385 | 1.181 | 2.007 | 3.779 |
| 2.5/16 | S-9537 | 3.464 | 3.385 | 1.181 | 2.007 | 3.779 |
| 2.3/8 | S-9538 | 3.464 | 3.385 | 1.259 | 2.007 | 3.779 |
| 2.7/16 | S-9539 | 3.464 | 3.385 | 1.259 | 2.086 | 3.937 |
| 2.1/2 | S-9540 | 3.937 | 3.385 | 1.259 | 2.086 | 3.937 |
| 2.9/16 | S-9541 | 3.937 | 3.385 | 1.496 | 2.086 | 3.937 |
| 2.5/8 | S-9542 | 3.937 | 3.385 | 1.496 | 2.244 | 4.015 |
| 2.11/16 | S-9543 | 3.937 | 3.385 | 1.496 | 2.244 | 4.015 |
| 2.3/4 | S-9544 | 3.937 | 3.385 | 1.574 | 2.244 | 4.015 |
| 2.13/16 | S-9545 | 4.133 | 3.385 | 1.574 | 2.244 | 4.015 |
| 2.7/8 | S-9546 | 4.133 | 3.385 | 1.574 | 2.480 | 4.251 |
| 2.15/16 | S-9547 | 4.133 | 3.385 | 1.653 | 2.480 | 4.251 |
| 3 | S-9548 | 4.291 | 3.385 | 1.653 | 2.716 | 4.488 |
| 3.1/16 | S-9549 | 4.291 | 3.385 | 1.653 | 2.716 | 4.488 |
| 3.1/8 | S-9550 | 4.291 | 3.385 | 1.653 | 2.716 | 4.488 |
| 3.1/4 | S-9552 | 5.039 | 3.385 | 1.732 | 3.149 | 4.921 |
| 3.5/16 | S-9553 | 5.039 | 3.385 | 1.732 | 3.149 | 4.921 |
| 3.3/8 | S-9554 | 5.039 | 3.385 | 1.850 | 3.149 | 4.921 |
| 3.1/2 | S-9556 | 5.118 | 3.385 | 1.850 | 3.149 | 4.921 |
| 3.5/8 | S-9558 | 5.275 | 3.385 | 1.968 | 3.149 | 4.921 |
| 3.3/4 | S-9560 | 5.354 | 3.385 | 2.125 | 3.149 | 4.921 |
| 3.7/8 | S-9562 | 5.433 | 3.385 | 2.125 | 3.149 | 4.921 |
| 4 | S-9564 | 5.511 | 3.385 | 2.125 | 3.149 | 4.921 |

IMPACT SOCKETS



METRIC DEEP # 5 SPLINE



| A/F mm | MODEL NO. | D1 mm | D2 mm | T mm | C mm | OAL mm |
|--------|-----------|-------|-------|------|-------|--------|
| 21 | S-95M21L | 48.0 | 56.0 | 14.0 | 115.0 | 160.0 |
| 22 | S-95M22L | 48.0 | 56.0 | 14.0 | 115.0 | 160.0 |
| 23 | S-95M23L | 48.0 | 56.0 | 14.0 | 115.0 | 160.0 |
| 24 | S-95M24L | 50.0 | 56.0 | 16.0 | 115.0 | 160.0 |
| 25 | S-95M25L | 50.0 | 56.0 | 16.0 | 115.0 | 160.0 |
| 26 | S-95M26L | 52.0 | 56.0 | 16.0 | 115.0 | 160.0 |
| 27 | S-95M27L | 52.0 | 56.0 | 16.0 | 115.0 | 160.0 |
| 28 | S-95M28L | 52.0 | 56.0 | 16.0 | 115.0 | 160.0 |
| 29 | S-95M29L | 54.0 | 56.0 | 16.0 | 115.0 | 160.0 |
| 30 | S-95M30L | 54.0 | 56.0 | 21.0 | 115.0 | 160.0 |
| 31 | S-95M31L | 60.0 | 56.0 | 21.0 | 115.0 | 160.0 |
| 32 | S-95M32L | 60.0 | 56.0 | 21.0 | 115.0 | 160.0 |
| 33 | S-95M33L | 60.0 | 56.0 | 21.0 | 115.0 | 160.0 |
| 34 | S-95M34L | 60.0 | 56.0 | 21.0 | 115.0 | 160.0 |
| 35 | S-95M35L | 60.0 | 56.0 | 21.0 | 115.0 | 160.0 |
| 36 | S-95M36L | 63.0 | 56.0 | 25.0 | 115.0 | 160.0 |
| 37 | S-95M37L | 63.0 | 56.0 | 25.0 | 115.0 | 160.0 |
| 38 | S-95M38L | 63.0 | 56.0 | 25.0 | 115.0 | 160.0 |
| 39 | S-95M39L | 67.0 | 56.0 | 25.0 | 115.0 | 160.0 |
| 40 | S-95M40L | 67.0 | 56.0 | 25.0 | 115.0 | 160.0 |
| 41 | S-95M41L | 67.0 | 56.0 | 28.0 | 115.0 | 160.0 |
| 42 | S-95M42L | 67.0 | 56.0 | 28.0 | 115.0 | 160.0 |
| 43 | S-95M43L | 67.0 | 56.0 | 28.0 | 115.0 | 160.0 |
| 44 | S-95M44L | 73.0 | 56.0 | 28.0 | 115.0 | 160.0 |
| 45 | S-95M45L | 73.0 | 56.0 | 28.0 | 115.0 | 160.0 |
| 46 | S-95M46L | 73.0 | 56.0 | 28.0 | 115.0 | 160.0 |
| 47 | S-95M47L | 73.0 | 56.0 | 28.0 | 115.0 | 160.0 |
| 48 | S-95M48L | 73.0 | 56.0 | 28.0 | 115.0 | 160.0 |
| 49 | S-95M49L | 73.0 | 56.0 | 28.0 | 115.0 | 160.0 |
| 50 | S-95M50L | 82.0 | 56.0 | 28.0 | 115.0 | 160.0 |
| 51 | S-95M51L | 82.0 | 56.0 | 28.0 | 115.0 | 160.0 |
| 52 | S-95M52L | 82.0 | 56.0 | 28.0 | 115.0 | 160.0 |

FRACTIONAL DEEP # 5 SPLINE



| A/F inch | MODEL NO. | D1 inch | D2 inch | T inch | C inch | OAL inch |
|----------|-----------|---------|---------|--------|--------|----------|
| 3/4 | S-9512L | 1.889 | 2.362 | 0.551 | 4.527 | 6.299 |
| 13/16 | S-9513L | 1.889 | 2.362 | 0.551 | 4.527 | 6.299 |
| 7/8 | S-9514L | 1.889 | 2.362 | 0.551 | 4.527 | 6.299 |
| 15/16 | S-9515L | 1.968 | 2.362 | 0.629 | 4.527 | 6.299 |
| 1 | S-9516L | 1.968 | 2.362 | 0.629 | 4.527 | 6.299 |
| 1.1/16 | S-9517L | 2.047 | 2.362 | 0.629 | 4.527 | 6.299 |
| 1.1/8 | S-9518L | 2.047 | 2.362 | 0.629 | 4.527 | 6.299 |
| 1.3/16 | S-9519L | 2.125 | 2.362 | 0.826 | 4.527 | 6.299 |
| 1.1/4 | S-9520L | 2.362 | 2.362 | 0.826 | 4.527 | 6.299 |
| 1.5/16 | S-9521L | 2.362 | 2.362 | 0.826 | 4.527 | 6.299 |
| 1.3/8 | S-9522L | 2.362 | 2.362 | 0.826 | 4.527 | 6.299 |
| 1.7/16 | S-9523L | 2.480 | 2.362 | 0.984 | 4.527 | 6.299 |
| 1.1/2 | S-9524L | 2.480 | 2.362 | 0.984 | 4.527 | 6.299 |
| 1.9/16 | S-9525L | 2.637 | 2.362 | 0.984 | 4.527 | 6.299 |
| 1.5/8 | S-9526L | 2.637 | 2.362 | 1.102 | 4.527 | 6.299 |
| 1.11/16 | S-9527L | 2.637 | 2.362 | 1.102 | 4.527 | 6.299 |
| 1.3/4 | S-9528L | 2.874 | 2.362 | 1.102 | 4.527 | 6.299 |
| 1.13/16 | S-9529L | 2.874 | 2.362 | 1.102 | 4.527 | 6.299 |
| 1.7/8 | S-9530L | 2.874 | 2.362 | 1.102 | 4.527 | 6.299 |
| 1.15/16 | S-9531L | 2.874 | 2.362 | 1.102 | 4.527 | 6.299 |
| 2 | S-9532L | 3.228 | 2.362 | 1.102 | 4.527 | 6.299 |
| 2.1/16 | S-9533L | 3.228 | 2.362 | 1.102 | 4.527 | 6.299 |
| 2.1/8 | S-9534L | 3.228 | 2.362 | 1.102 | 4.527 | 6.299 |
| 2.3/16 | S-9535L | 3.228 | 2.362 | 1.181 | 4.527 | 6.299 |
| 2.1/4 | S-9536L | 3.464 | 3.385 | 1.181 | 4.527 | 6.299 |
| 2.5/16 | S-9537L | 3.464 | 3.385 | 1.181 | 4.527 | 6.299 |
| 2.3/8 | S-9538L | 3.464 | 3.385 | 1.259 | 4.527 | 6.299 |
| 2.7/16 | S-9539L | 3.464 | 3.385 | 1.259 | 4.527 | 6.299 |
| 2.1/2 | S-9540L | 3.937 | 3.385 | 1.259 | 4.527 | 6.299 |
| 2.9/16 | S-9541L | 3.937 | 3.385 | 1.496 | 4.527 | 6.299 |
| 2.5/8 | S-9542L | 3.937 | 3.385 | 1.496 | 4.527 | 6.299 |
| 2.11/16 | S-9543L | 3.937 | 3.385 | 1.496 | 4.527 | 6.299 |

IMPACT ACCESSORIES

REGULAR EXTENSIONS

| OAL mm (inch) | MODEL NO. | SHANK DIA mm (inch) | HEAD DIA mm (inch) |
|-----------------------|----------------|---------------------|--------------------|
| 200 (8") 381 (15") | E9508 E9515 | 42.0 (1.653) | 60.0 (2.362) |



SPLINE ADAPTORS

| SIZE | MODEL NO. | HEAD DIA mm (inch) | OAL mm (inch) |
|----------------------------------|----------------|--------------------|-------------------------------|
| # 5 F X 1" M # 5 F X 1.1/2" M | A9516 A9524 | 60.0 (2.362) | 90.0 (3.543) 100.0 (3.937) |



UNIVERSAL JOINT

| SPLINE DRIVE | MODEL NO. | DIA mm (inch) | OAL mm (inch) |
|--------------|------------|---------------|---------------|
| # 5 | # 5 SPLINE | 60.0 (2.362) | 152.0 (6.000) |



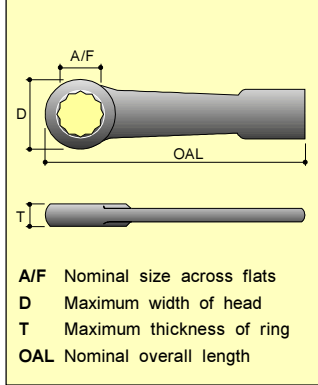
SLUGGING WRENCHES



'TORQSLEDGE' SLUGGING WRENCHES

1. Drop forged from high tensile alloy.
2. Machined to closed tolerances to ISO specifications.
3. Heat treated to achieve optimum Impact resistance.
4. Electroplating followed by black oxidizing to prevent from rusting.
5. Larger striking area to increase safety in use.
6. Greater sectional area for longer life.
7. Hexagon opening depth to ensure positive seating on nuts / bolts.
8. Chamfered openings for ease of location on nuts / bolts.
9. Greater offset height allows clear hammering in offset Slugging Wrenches.
10. Clear marking of size and model.





STRAIGHT SLUGGING WRENCHES



METRIC BIHEXAGON



| A / F mm | MODEL NO. | T mm | D mm | OAL mm | Wt. Kg. |
|----------|-----------|------|-------|--------|---------|
| 22 | MSW22 | 18.0 | 48.0 | 182.0 | 0.610 |
| 23 | MSW23 | 18.0 | 48.0 | 182.0 | 0.610 |
| 24 | MSW24 | 18.0 | 48.0 | 182.0 | 0.610 |
| 25 | MSW25 | 18.0 | 48.0 | 182.0 | 0.590 |
| 26 | MSW26 | 18.0 | 48.0 | 182.0 | 0.590 |
| 27 | MSW27 | 18.0 | 48.0 | 182.0 | 0.590 |
| 28 | MSW28 | 18.0 | 54.0 | 185.0 | 0.580 |
| 29 | MSW29 | 18.0 | 54.0 | 185.0 | 0.560 |
| 30 | MSW30 | 18.0 | 54.0 | 185.0 | 0.550 |
| 31 | MSW31 | 18.0 | 54.0 | 185.0 | 0.540 |
| 32 | MSW32 | 18.0 | 54.0 | 185.0 | 0.550 |
| 33 | MSW33 | 18.0 | 54.0 | 185.0 | 0.540 |
| 34 | MSW34 | 18.0 | 54.0 | 185.0 | 0.540 |
| 35 | MSW35 | 18.0 | 54.0 | 185.0 | 0.540 |
| 36 | MSW36 | 22.0 | 64.0 | 215.0 | 1.060 |
| 37 | MSW37 | 22.0 | 64.0 | 215.0 | 1.060 |
| 38 | MSW38 | 22.0 | 64.0 | 215.0 | 1.040 |
| 39 | MSW39 | 22.0 | 64.0 | 215.0 | 1.030 |
| 40 | MSW40 | 22.0 | 64.0 | 215.0 | 1.030 |
| 41 | MSW41 | 22.0 | 64.0 | 215.0 | 1.030 |
| 42 | MSW42 | 22.0 | 64.0 | 215.0 | 1.020 |
| 43 | MSW43 | 25.0 | 76.0 | 238.0 | 1.480 |
| 44 | MSW44 | 25.0 | 76.0 | 238.0 | 1.470 |
| 45 | MSW45 | 25.0 | 76.0 | 238.0 | 1.430 |
| 46 | MSW46 | 25.0 | 76.0 | 238.0 | 1.400 |
| 47 | MSW47 | 25.0 | 76.0 | 238.0 | 1.380 |
| 48 | MSW48 | 25.0 | 80.0 | 240.0 | 1.360 |
| 49 | MSW49 | 25.0 | 80.0 | 240.0 | 1.350 |
| 50 | MSW50 | 25.0 | 80.0 | 240.0 | 1.340 |
| 51 | MSW51 | 25.0 | 80.0 | 240.0 | 1.400 |
| 52 | MSW52 | 25.0 | 80.0 | 240.0 | 1.400 |
| 54 | MSW54 | 25.0 | 80.0 | 240.0 | 2.350 |
| 55 | MSW55 | 28.0 | 88.0 | 262.0 | 2.320 |
| 56 | MSW56 | 28.0 | 88.0 | 262.0 | 2.325 |
| 57 | MSW57 | 28.0 | 88.0 | 262.0 | 2.310 |
| 58 | MSW58 | 28.0 | 88.0 | 262.0 | 2.300 |
| 59 | MSW59 | 28.0 | 94.0 | 265.0 | 2.250 |
| 60 | MSW60 | 28.0 | 94.0 | 265.0 | 2.140 |
| 61 | MSW61 | 28.0 | 94.0 | 265.0 | 2.140 |
| 62 | MSW62 | 28.0 | 94.0 | 265.0 | 2.500 |
| 65 | MSW65 | 30.0 | 104.0 | 285.0 | 2.710 |
| 67 | MSW67 | 30.0 | 104.0 | 285.0 | 2.770 |
| 70 | MSW70 | 35.0 | 110.0 | 315.0 | 3.410 |
| 73 | MSW73 | 35.0 | 110.0 | 315.0 | 3.410 |
| 75 | MSW75 | 35.0 | 110.0 | 315.0 | 3.400 |

METRIC BIHEXAGON (cont.)



| A / F mm | MODEL NO. | T mm | D mm | OAL mm | Wt. Kg. |
|----------|-----------|------|-------|--------|---------|
| 76 | MSW76 | 35.0 | 110.0 | 315.0 | 3.370 |
| 80 | MSW80 | 38.0 | 126.0 | 340.0 | 4.860 |
| 85 | MSW85 | 38.0 | 126.0 | 340.0 | 4.400 |
| 86 | MSW86 | 38.0 | 126.0 | 340.0 | 4.300 |
| 90 | MSW90 | 42.0 | 152.0 | 400.0 | 4.650 |
| 95 | MSW95 | 42.0 | 152.0 | 400.0 | 4.360 |
| 100 | MSW100 | 42.0 | 152.0 | 400.0 | 7.490 |
| 105 | MSW105 | 50.0 | 172.0 | 410.0 | 10.580 |
| 110 | MSW110 | 50.0 | 172.0 | 435.0 | 11.670 |
| 115 | MSW115 | 50.0 | 172.0 | 435.0 | 10.760 |
| 120 | MSW120 | 56.0 | 194.0 | 475.0 | 16.070 |
| 125 | MSW125 | 56.0 | 194.0 | 475.0 | 16.960 |
| 130 | MSW130 | 60.0 | 205.0 | 505.0 | 16.850 |
| 135 | MSW135 | 60.0 | 205.0 | 510.0 | 16.550 |
| 140 | MSW140 | 65.0 | 230.0 | 565.0 | 19.000 |
| 145 | MSW145 | 65.0 | 230.0 | 565.0 | 18.810 |
| 150 | MSW150 | 65.0 | 230.0 | 565.0 | 18.550 |
| 155 | MSW155 | 65.0 | 230.0 | 565.0 | 18.350 |
| 160 | MSW160 | 70.0 | 270.0 | 635.0 | 29.900 |
| 165 | MSW165 | 70.0 | 270.0 | 635.0 | 29.700 |
| 170 | MSW170 | 70.0 | 270.0 | 635.0 | 29.250 |
| 175 | MSW175 | 70.0 | 270.0 | 635.0 | 28.850 |
| 180 | MSW180 | 70.0 | 270.0 | 635.0 | 28.500 |
| 185 | MSW185 | 75.0 | 295.0 | 680.0 | 35.600 |
| 190 | MSW190 | 75.0 | 295.0 | 680.0 | 35.400 |
| 195 | MSW195 | 75.0 | 295.0 | 680.0 | 35.200 |
| 200 | MSW200 | 75.0 | 295.0 | 680.0 | 34.900 |
| 205 | MSW205 | 75.0 | 295.0 | 680.0 | 34.700 |
| 210 | MSW210 | 80.0 | 325.0 | 725.0 | 50.850 |
| 215 | MSW215 | 80.0 | 325.0 | 725.0 | 50.550 |
| 220 | MSW220 | 80.0 | 325.0 | 725.0 | 50.100 |
| 225 | MSW225 | 80.0 | 325.0 | 725.0 | 49.800 |
| 230 | MSW230 | 80.0 | 325.0 | 725.0 | 49.500 |



Table continued next column



STRAIGHT SLUGGING WRENCHES



FRACTIONAL BIHEXAGON



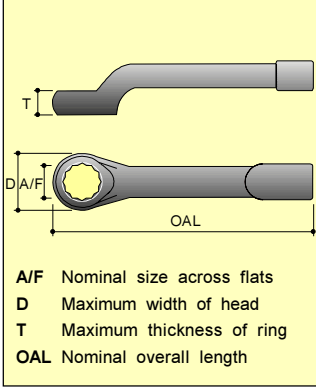
| A / F inch | MODEL NO. | T inch | D inch | OAL inch | Wt. lbs. |
|---------------|--------------|-----------|-----------|-------------|-------------|
| 7/8 | ASW14 | 0.708 | 1.889 | 7.165 | 1.390 |
| 15/16 | ASW15 | 0.708 | 1.889 | 7.165 | 1.340 |
| 1 | ASW16 | 0.708 | 1.889 | 7.165 | 1.320 |
| 1.1/16 | ASW17 | 0.708 | 1.889 | 7.165 | 1.300 |
| 1.1/8 | ASW18 | 0.708 | 2.125 | 7.283 | 1.365 |
| 1.3/16 | ASW19 | 0.708 | 2.125 | 7.283 | 1.200 |
| 1.1/4 | ASW20 | 0.708 | 2.125 | 7.283 | 1.500 |
| 1.5/16 | ASW21 | 0.708 | 2.125 | 7.283 | 1.200 |
| 1.3/8 | ASW22 | 0.708 | 2.125 | 7.283 | 1.200 |
| 1.7/16 | ASW23 | 0.866 | 2.519 | 8.464 | 2.300 |
| 1.1/2 | ASW24 | 0.866 | 2.519 | 8.464 | 2.400 |
| 1.9/16 | ASW25 | 0.866 | 2.519 | 8.464 | 2.350 |
| 1.5/8 | ASW26 | 0.866 | 2.519 | 8.464 | 2.300 |
| 1.11/16 | ASW27 | 0.984 | 2.992 | 9.370 | 3.080 |
| 1.3/4 | ASW28 | 0.984 | 2.992 | 9.370 | 3.080 |
| 1.13/16 | ASW29 | 0.984 | 2.992 | 9.370 | 3.080 |
| 1.7/8 | ASW30 | 0.984 | 2.992 | 9.370 | 3.230 |
| 1.15/16 | ASW31 | 0.984 | 3.149 | 9.448 | 3.230 |
| 2 | ASW32 | 0.984 | 3.149 | 9.448 | 3.080 |
| 2.1/16 | ASW33 | 0.984 | 3.149 | 9.448 | 2.930 |
| 2.1/8 | ASW34 | 0.984 | 3.149 | 9.448 | 3.020 |
| 2.3/16 | ASW35 | 1.102 | 3.464 | 10.314 | 4.840 |
| 2.1/4 | ASW36 | 1.102 | 3.464 | 10.314 | 4.970 |
| 2.5/16 | ASW37 | 1.102 | 3.700 | 10.433 | 4.990 |
| 2.3/8 | ASW38 | 1.102 | 3.700 | 10.433 | 5.040 |
| 2.7/16 | ASW39 | 1.102 | 3.700 | 10.433 | 4.700 |
| 2.1/2 | ASW40 | 1.102 | 3.700 | 10.433 | 3.080 |
| 2.9/16 | ASW41 | 1.181 | 4.094 | 11.220 | 5.875 |
| 2.5/8 | ASW42 | 1.181 | 4.094 | 11.220 | 7.500 |
| 2.11/16 | ASW43 | 1.181 | 4.094 | 11.220 | 7.500 |
| 2.3/4 | ASW44 | 1.377 | 4.330 | 12.401 | 7.500 |
| 2.13/16 | ASW45 | 1.377 | 4.330 | 12.401 | 7.180 |
| 2.7/8 | ASW46 | 1.377 | 4.330 | 12.401 | 7.195 |
| 2.15/16 | ASW47 | 1.377 | 4.330 | 12.401 | 7.200 |
| 3 | ASW48 | 1.377 | 4.330 | 12.401 | 7.400 |
| 3.1/16 | ASW49 | 1.496 | 4.960 | 13.385 | 9.130 |
| 3.1/8 | ASW50 | 1.496 | 4.960 | 13.385 | 8.910 |
| 3.3/16 | ASW51 | 1.496 | 4.960 | 13.385 | 9.130 |
| 3.1/4 | ASW52 | 1.496 | 4.960 | 13.385 | 9.350 |
| 3.5/16 | ASW53 | 1.496 | 4.960 | 13.385 | 9.570 |
| 3.3/8 | ASW54 | 1.496 | 4.960 | 13.385 | 9.680 |
| 3.7/16 | ASW55 | 1.653 | 5.984 | 15.748 | 9.460 |
| 3.1/2 | ASW56 | 1.653 | 5.984 | 15.748 | 9.460 |
| 3.9/16 | ASW57 | 1.653 | 5.984 | 15.748 | 9.500 |
| 3.5/8 | ASW58 | 1.653 | 5.984 | 15.748 | 9.480 |
| 3.11/16 | ASW59 | 1.653 | 5.984 | 15.748 | 9.530 |
| 3.3/4 | ASW60 | 1.653 | 5.984 | 15.748 | 9.590 |
| 3.13/16 | ASW61 | 1.653 | 5.984 | 15.748 | 9.640 |

FRACTIONAL BIHEXAGON (cont.)

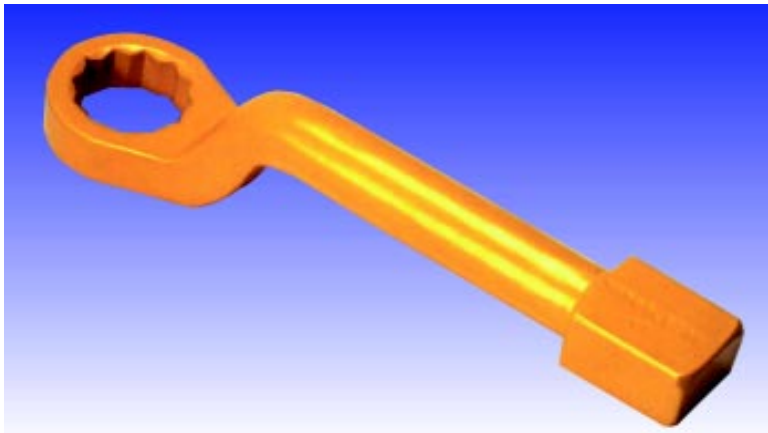


| A / F inch | MODEL NO. | T mm | D mm | OAL mm | Wt. lbs. |
|---------------|--------------|---------|---------|-----------|-------------|
| 3.7/8 | ASW62 | 1.653 | 5.984 | 15.748 | 15.000 |
| 3.15/16 | ASW63 | 1.653 | 5.984 | 15.748 | 16.480 |
| 4 | ASW64 | 1.653 | 5.984 | 15.748 | 19.470 |
| 4.1/16 | ASW65 | 1.653 | 5.984 | 15.748 | 19.690 |
| 4.1/8 | ASW66 | 1.968 | 6.771 | 16.141 | 23.280 |
| 4.3/16 | ASW67 | 1.968 | 6.771 | 16.141 | 23.100 |
| 4.1/4 | ASW68 | 1.968 | 6.771 | 16.141 | 22.800 |
| 4.5/16 | ASW69 | 1.968 | 6.771 | 17.125 | 24.550 |
| 4.3/8 | ASW70 | 1.968 | 6.771 | 17.125 | 24.200 |
| 4.7/16 | ASW71 | 1.968 | 6.771 | 17.125 | 23.980 |
| 4.1/2 | ASW72 | 1.968 | 6.771 | 17.125 | 23.670 |
| 4.5/8 | ASW74 | 2.204 | 7.637 | 18.700 | 29.480 |
| 4.3/4 | ASW76 | 2.204 | 7.637 | 18.700 | 29.700 |
| 4.7/8 | ASW78 | 2.204 | 7.637 | 18.700 | 37.310 |
| 5 | ASW80 | 2.204 | 8.070 | 19.881 | 36.850 |
| 5.1/8 | ASW82 | 2.204 | 8.070 | 19.881 | 36.630 |
| 5.3/16 | ASW83 | 2.204 | 8.070 | 19.881 | 36.520 |
| 5.1/4 | ASW84 | 2.204 | 8.070 | 19.881 | 36.520 |
| 5.3/8 | ASW86 | 2.559 | 9.055 | 22.244 | 43.560 |
| 5.1/2 | ASW88 | 2.559 | 9.055 | 22.244 | 41.800 |
| 5.5/8 | ASW90 | 2.559 | 9.055 | 22.244 | 41.580 |
| 5.3/4 | ASW92 | 2.559 | 9.055 | 22.244 | 41.560 |
| 5.7/8 | ASW94 | 2.559 | 9.055 | 22.244 | 40.810 |
| 6 | ASW96 | 2.559 | 9.055 | 22.244 | 40.370 |
| 6.1/8 | ASW98 | 2.559 | 9.055 | 22.244 | 39.820 |
| 6.1/4 | ASW100 | 2.755 | 10.629 | 25.000 | 66.550 |
| 6.3/8 | ASW102 | 2.755 | 10.629 | 25.000 | 66.000 |
| 6.1/2 | ASW104 | 2.755 | 10.629 | 25.000 | 65.340 |
| 6.5/8 | ASW106 | 2.755 | 10.629 | 25.000 | 65.120 |
| 6.3/4 | ASW108 | 2.755 | 10.629 | 25.000 | 64.240 |
| 6.7/8 | ASW110 | 2.755 | 10.629 | 25.000 | 63.470 |
| 7 | ASW112 | 2.755 | 10.629 | 25.000 | 63.030 |
| 7.1/8 | ASW114 | 2.952 | 11.614 | 26.771 | 78.760 |
| 7.1/4 | ASW116 | 2.952 | 11.614 | 26.771 | 78.320 |
| 7.3/8 | ASW118 | 2.952 | 11.614 | 26.771 | 78.100 |
| 7.1/2 | ASW120 | 2.952 | 11.614 | 26.771 | 78.880 |
| 7.5/8 | ASW122 | 2.952 | 11.614 | 26.771 | 77.660 |
| 7.3/4 | ASW124 | 2.952 | 11.614 | 26.771 | 77.440 |
| 7.13/16 | ASW125 | 2.952 | 11.614 | 26.771 | 76.780 |
| 7.7/8 | ASW126 | 2.952 | 11.614 | 26.771 | 76.120 |
| 8 | ASW128 | 2.952 | 11.614 | 26.771 | 76.560 |
| 8.1/8 | ASW130 | 3.149 | 12.795 | 28.543 | 112.420 |
| 8.1/4 | ASW132 | 3.149 | 12.795 | 28.543 | 111.540 |
| 8.3/8 | ASW134 | 3.149 | 12.795 | 28.543 | 110.660 |
| 8.1/2 | ASW136 | 3.149 | 12.795 | 28.543 | 110.220 |
| 8.5/8 | ASW138 | 3.149 | 12.795 | 28.543 | 109.780 |
| 8.7/8 | ASW142 | 3.149 | 12.795 | 28.543 | 109.340 |
| 9 | ASW144 | 3.149 | 12.795 | 28.543 | 108.900 |

Table continued next column



OFFSET SLUGGING WRENCHES



METRIC BIHEXAGON



| A / F mm | MODEL NO. | T mm | D mm | OAL mm | Wt. kg. |
|-------------|--------------|---------|---------|-----------|------------|
| 24 | MOSW24 | 20.0 | 42.0 | 250.0 | 1.000 |
| 27 | MOSW27 | 25.0 | 52.0 | 270.0 | 1.060 |
| 30 | MOSW30 | 25.0 | 52.0 | 270.0 | 1.150 |
| 32 | MOSW32 | 25.0 | 52.0 | 270.0 | 1.290 |
| 34 | MOSW34 | 25.0 | 52.0 | 270.0 | 1.640 |
| 35 | MOSW35 | 32.0 | 68.0 | 312.0 | 1.550 |
| 36 | MOSW36 | 32.0 | 68.0 | 312.0 | 1.500 |
| 38 | MOSW38 | 32.0 | 68.0 | 312.0 | 1.750 |
| 40 | MOSW40 | 32.0 | 68.0 | 312.0 | 1.950 |
| 41 | MOSW41 | 32.0 | 68.0 | 312.0 | 2.150 |
| 43 | MOSW43 | 35.0 | 82.0 | 340.0 | 2.850 |
| 46 | MOSW46 | 35.0 | 82.0 | 340.0 | 2.630 |
| 47 | MOSW47 | 35.0 | 82.0 | 340.0 | 2.610 |
| 48 | MOSW48 | 35.0 | 82.0 | 340.0 | 2.600 |
| 49 | MOSW49 | 35.0 | 82.0 | 340.0 | 2.450 |
| 50 | MOSW50 | 35.0 | 82.0 | 340.0 | 2.350 |
| 51 | MOSW51 | 35.0 | 82.0 | 340.0 | 3.190 |
| 52 | MOSW52 | 38.0 | 82.0 | 360.0 | 3.000 |
| 54 | MOSW54 | 38.0 | 82.0 | 360.0 | 3.000 |
| 55 | MOSW55 | 38.0 | 82.0 | 360.0 | 2.930 |
| 56 | MOSW56 | 38.0 | 82.0 | 360.0 | 2.980 |
| 57 | MOSW57 | 38.0 | 82.0 | 360.0 | 4.850 |
| 58 | MOSW58 | 38.0 | 82.0 | 360.0 | 4.750 |
| 59 | MOSW59 | 38.0 | 82.0 | 360.0 | 4.900 |
| 60 | MOSW60 | 44.0 | 110.0 | 380.0 | 4.430 |
| 61 | MOSW61 | 44.0 | 110.0 | 380.0 | 4.350 |
| 62 | MOSW62 | 44.0 | 110.0 | 380.0 | 4.300 |
| 65 | MOSW65 | 44.0 | 110.0 | 380.0 | 5.650 |
| 67 | MOSW67 | 44.0 | 110.0 | 380.0 | 5.500 |
| 70 | MOSW70 | 50.0 | 127.0 | 400.0 | 7.320 |
| 73 | MOSW73 | 50.0 | 127.0 | 400.0 | 7.000 |
| 75 | MOSW75 | 50.0 | 127.0 | 400.0 | 6.880 |
| 76 | MOSW76 | 50.0 | 127.0 | 400.0 | 6.750 |
| 80 | MOSW80 | 50.0 | 127.0 | 400.0 | 8.630 |
| 85 | MOSW85 | 50.0 | 127.0 | 400.0 | 7.480 |
| 86 | MOSW86 | 57.0 | 152.0 | 465.0 | 9.100 |
| 90 | MOSW90 | 57.0 | 152.0 | 465.0 | 8.970 |
| 95 | MOSW95 | 57.0 | 152.0 | 465.0 | 11.680 |
| 100 | MOSW100 | 57.0 | 152.0 | 465.0 | 11.470 |
| 105 | MOSW105 | 63.5 | 194.0 | 540.0 | 12.000 |
| 110 | MOSW110 | 63.5 | 194.0 | 540.0 | 11.740 |
| 115 | MOSW115 | 63.5 | 194.0 | 540.0 | 11.710 |
| 120 | MOSW120 | 63.5 | 194.0 | 540.0 | 11.550 |
| 125 | MOSW125 | 63.5 | 194.0 | 540.0 | 11.250 |
| 130 | MOSW130 | 63.5 | 194.0 | 540.0 | 11.050 |

FRACTIONAL BIHEXAGON



| A / F inch | MODEL NO. | T inch | D inch | OAL inch | Wt. lbs. |
|---------------|--------------|-----------|-----------|-------------|-------------|
| 15/16 | AOSW15 | 0.787 | 1.653 | 9.842 | 2.160 |
| 1 | AOSW16 | 0.787 | 1.653 | 9.842 | 2.200 |
| 1.1/16 | AOSW17 | 0.984 | 2.047 | 10.629 | 2.330 |
| 1.1/8 | AOSW18 | 0.984 | 2.047 | 10.629 | 2.220 |
| 1.3/16 | AOSW19 | 0.984 | 2.047 | 10.629 | 2.420 |
| 1.1/4 | AOSW20 | 0.984 | 2.047 | 10.629 | 2.530 |
| 1.5/16 | AOSW21 | 0.984 | 2.047 | 10.629 | 4.070 |
| 1.3/8 | AOSW22 | 1.259 | 2.677 | 12.283 | 3.520 |
| 1.7/16 | AOSW23 | 1.259 | 2.677 | 12.283 | 3.300 |
| 1.1/2 | AOSW24 | 1.259 | 2.677 | 12.283 | 3.890 |
| 1.5/8 | AOSW26 | 1.259 | 2.677 | 12.283 | 4.730 |
| 1.11/16 | AOSW27 | 1.377 | 3.228 | 13.385 | 4.950 |
| 1.3/4 | AOSW28 | 1.377 | 3.228 | 13.385 | 4.840 |
| 1.13/16 | AOSW29 | 1.377 | 3.228 | 13.385 | 6.050 |
| 1.7/8 | AOSW30 | 1.377 | 3.228 | 13.385 | 6.530 |
| 2 | AOSW32 | 1.377 | 3.228 | 13.385 | 6.290 |
| 2.1/16 | AOSW33 | 1.496 | 3.228 | 14.173 | 13.180 |
| 2.3/16 | AOSW35 | 1.496 | 3.228 | 14.173 | 13.130 |
| 2.1/4 | AOSW36 | 1.496 | 3.228 | 14.173 | 11.960 |
| 2.5/16 | AOSW37 | 1.496 | 3.228 | 14.173 | 11.550 |
| 2.3/8 | AOSW38 | 1.732 | 4.330 | 14.960 | 11.180 |
| 2.7/16 | AOSW39 | 1.732 | 4.330 | 14.960 | 16.940 |
| 2.1/2 | AOSW40 | 1.732 | 4.330 | 14.960 | 16.940 |
| 2.9/16 | AOSW41 | 1.732 | 4.330 | 14.960 | 16.830 |
| 2.5/8 | AOSW42 | 1.732 | 4.330 | 14.960 | 16.280 |
| 2.3/4 | AOSW44 | 1.968 | 5.000 | 15.748 | 16.104 |
| 2.13/16 | AOSW45 | 1.968 | 5.000 | 15.748 | 15.730 |
| 2.7/8 | AOSW46 | 1.968 | 5.000 | 15.748 | 15.400 |
| 2.15/16 | AOSW47 | 1.968 | 5.000 | 15.748 | 15.400 |
| 3 | AOSW48 | 1.968 | 5.000 | 15.748 | 15.140 |
| 3.1/8 | AOSW50 | 1.968 | 5.000 | 15.748 | 14.740 |
| 3.3/8 | AOSW54 | 2.244 | 5.984 | 18.307 | 23.500 |
| 3.1/2 | AOSW56 | 2.244 | 5.984 | 18.307 | 23.430 |
| 3.3/4 | AOSW60 | 2.244 | 5.984 | 18.307 | 23.210 |
| 3.7/8 | AOSW62 | 2.244 | 5.984 | 18.307 | 22.550 |
| 3.15/16 | AOSW63 | 2.244 | 5.984 | 18.307 | 22.220 |
| 4.1/8 | AOSW66 | 2.480 | 7.637 | 21.259 | 26.400 |
| 4.1/4 | AOSW68 | 2.480 | 7.637 | 21.259 | 26.290 |
| 4.5/16 | AOSW69 | 2.480 | 7.637 | 21.259 | 25.830 |
| 4.1/2 | AOSW72 | 2.480 | 7.637 | 21.259 | 25.480 |
| 4.5/8 | AOSW74 | 2.480 | 7.637 | 21.259 | 24.970 |
| 4.3/4 | AOSW76 | 2.480 | 7.637 | 21.259 | 24.420 |
| 4.7/8 | AOSW78 | 2.480 | 7.637 | 21.259 | 24.200 |
| 5 | AOSW80 | 2.480 | 7.637 | 21.259 | 23.870 |
| 5.1/8 | AOSW82 | 2.480 | 7.637 | 21.259 | 23.430 |



POWERMASTER INDUSTRIAL EQUIPMENTS PVT. LTD.

229, PRAGATI INDL. ESTATE, 316, N. M. JOSHI MARG,
BOMBAY - 400 011, INDIA.

PHONE : 91-22-3000015 / 91-22-3097699 | FAX : 91-22-3073761 / 91-22-4942555

INTERNET : www.impactsocket.com

E-MAIL ADDRESS - mailbox@impactsocket.com