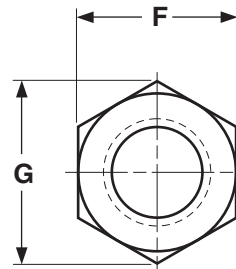
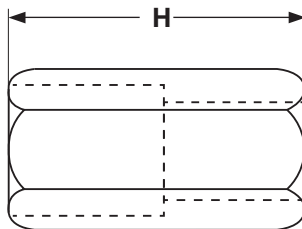


## NUTS

Steel

## HEX REDUCER COUPLINGS



| Hex Reducer Coupling Nuts         |                                |                                            |                                         |                    |       |       |                      |       | Coupling Nut Supply |      |      |
|-----------------------------------|--------------------------------|--------------------------------------------|-----------------------------------------|--------------------|-------|-------|----------------------|-------|---------------------|------|------|
| Nominal Size and Threads per Inch | Basic Major Diameter of Thread | Opposite Nominal Size and Threads per Inch | Opposite Basic Major Diameter of Thread | F                  |       |       | G                    |       | H                   |      |      |
|                                   |                                |                                            |                                         | Width Across Flats |       |       | Width Across Corners |       | Length              |      |      |
|                                   |                                |                                            |                                         | Basic              | Max   | Min   | Max                  | Min   | Basic               | Max  | Min  |
| 3/8-16                            | 0.3750                         | 1/4-20                                     | 0.2500                                  | 1/2                | 0.500 | 0.489 | 0.577                | 0.557 | 1                   | 1.01 | 0.98 |
| 1/2-13                            | 0.5000                         | 3/8-16                                     | 0.3750                                  | 5/8                | 0.625 | 0.607 | 0.722                | 0.692 | 1-1/4               | 1.26 | 1.19 |
| 5/8-11                            | 0.6250                         | 1/2-13                                     | 0.5000                                  | 13/16              | 0.813 | 0.782 | 0.939                | 0.891 | 1-1/4               | 1.26 | 1.19 |
| 3/4-10                            | 0.7500                         | 5/8-11                                     | 0.6250                                  | 1                  | 1.000 | 0.963 | 1.155                | 1.097 | 1-1/2               | 1.51 | 1.44 |

**LOW CARBON**

|                                     |                                                                                                                                                                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                  | A double chamfered hex nut with two different internal thread sizes at opposite ends of the nut. The length of the nut is greater than 2.5D where D equals the basic major thread diameter. Also referred to as rod couplings. |
| <b>Applications/<br/>Advantages</b> | Used to join a larger diameter threaded rod to a smaller diameter threaded rod.                                                                                                                                                |
| <b>Material</b>                     | 1010 - 1018 or equivalent steel. 12L14 steel is commonly used in domestically manufactured coupling nuts.                                                                                                                      |
| <b>Hardness</b>                     | Rockwell B68 - C32                                                                                                                                                                                                             |
| <b>Proof Load</b>                   | 75,000 psi. minimum                                                                                                                                                                                                            |
| <b>Plating</b>                      | See Appendix-A for plating information.                                                                                                                                                                                        |

This page prints with a watermark