

# Field Attachable

## 425 'N' Series

To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

<sup>a</sup> Swivel nuts are universal — both SAE 37° and 45° connections.

### Hose End 425 'N' Series

**Ordering Information:** Order individually by part number. Order o-rings by catalog number; reference individual hose listing for details. For split flange kits, reference pages L-89-92.

**Application:**

High pressure hydraulic applications such as construction, farm implement and industrial equipment.

**Compatible Hose:** H425

**Pressure:** Determined by maximum working pressure for hose size. See pages A-15-16 for working pressure ratings for hose end configurations.

**Material:** AISI/SAE 12L14 carbon steel

**Plating:** Zinc; clear trivalent chromate

**Advantages:** Good selection of hose ends. Non-mandrel assembly. Wide variety of applications because of its use with H425 hose.

**Assembly Instructions:**

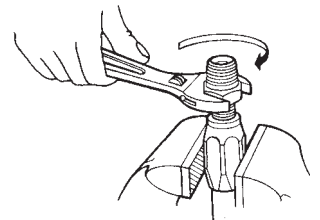
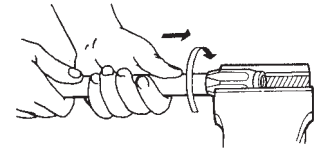
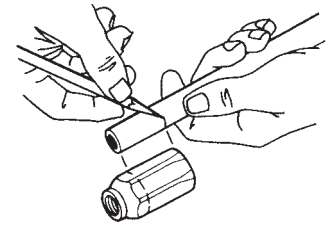
Due to the high torque required to assemble larger sizes, it is recommended that 425 'N' Series hose ends be assembled with the T-300 assembly machine (page N-71).

1. Lubricate insert threads and I.D. of hose.
2. Measure from end of hose and mark the socket depth. Use notch on socket or see insertion depth chart below.
3. Screw hose into socket (left-hand thread) to the depth marked on hose.
4. Screw insert into socket until insert touches socket.

**Label Set:** FS-700

**Note:**

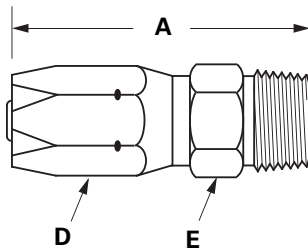
Refer to current price list for availability of cataloged items. Configurations and dimensions subject to change without notice.



**Insertion Depth**

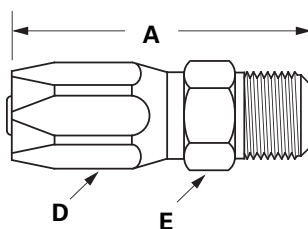
Hose I.D.	Screw Hose Into Socket
1/4	1"
3/8	1-5/32"
1/2	1-3/16"
3/4	1-5/16"
1	1-9/16"
1-1/4	1-7/8"
1-1/2	2"
2	1-15/16"

**Male Pipe Rigid**



Hose I.D.	Pipe Size	Part Number	Thread Size	A	Hose Cut-Off Factor	Hole Dia.	Hex D	Hex E
1/4	1/8	42504N-102	1/8-27	2.18	1.19	0.17	13/16	7/16
1/4	1/4	42504N-104	1/4-18	2.36	1.38	.17	13/16	9/16
3/8	1/4	42506N-104	1/4-18	2.50	1.31	.27	15/16	9/16
3/8	3/8	42506N-106	3/8-18	2.53	1.38	.27	15/16	11/16
1/2	3/8	42508N-106	3/8-18	2.58	1.38	.39	1-1/16	11/16
1/2	1/2	42508N-108	1/2-14	2.83	1.63	.39	1-1/16	7/8
1/2	3/4	42508N-112	3/4-14	2.86	1.69	.39	1-1/16	1-1/16
3/4	3/4	42512N-112	3/4-14	2.98	1.69	.61	1-3/8	1-1/16
1	1	42516N-116	1-11-1/2	3.59	2.00	.81	1-3/4	1-3/8
1-1/4	1-1/4	42520N-120	1-1/4-11-1/2	4.37	2.44	1.05	2-1/4	1-11/16
1-1/2	1-1/2	42524N-124	1-1/2-11-1/2	4.71	2.69	1.28	2-1/2	2

**JIC 37° Male Rigid**



Hose I.D.	Pipe Size	Part Number	Thread Size	A	Hose Cut-Off Factor	Hole Dia.	Hex D	Hex E
1/4	1/4	42504N-504	7/16-20	2.35	1.38	.17	13/16	9/16
1/4	5/16	42504N-505	1/2-20	2.35	1.38	.17	13/16	9/16
1/4	3/8	42504N-506	9/16-18	2.39	1.38	.17	13/16	5/8
3/8	3/8	42506N-506	9/16-18	2.53	1.38	.27	15/16	5/8
3/8	1/2	42506N-508	3/4-16	2.69	1.50	.27	15/16	13/16
1/2	1/2	42508N-508	3/4-16	2.74	1.56	.39	1-1/16	13/16
1/2	5/8	42508N-510	7/8-14	2.87	1.69	.39	1-1/16	15/16
3/4	3/4	42512N-512	1-1/16-12	3.09	1.75	.61	1-3/8	1-1/8
1	1	42516N-516	1-5/16-12	3.56	1.94	.81	1-3/4	1-3/8

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Hose Ends - Field Attachable