

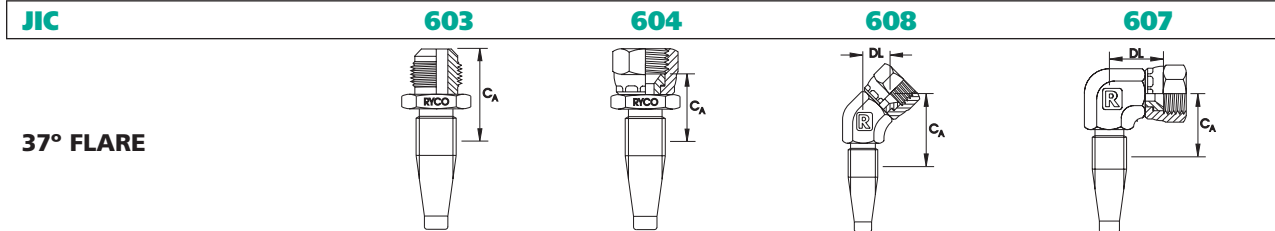
600 Series Field Attachable Inserts



Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

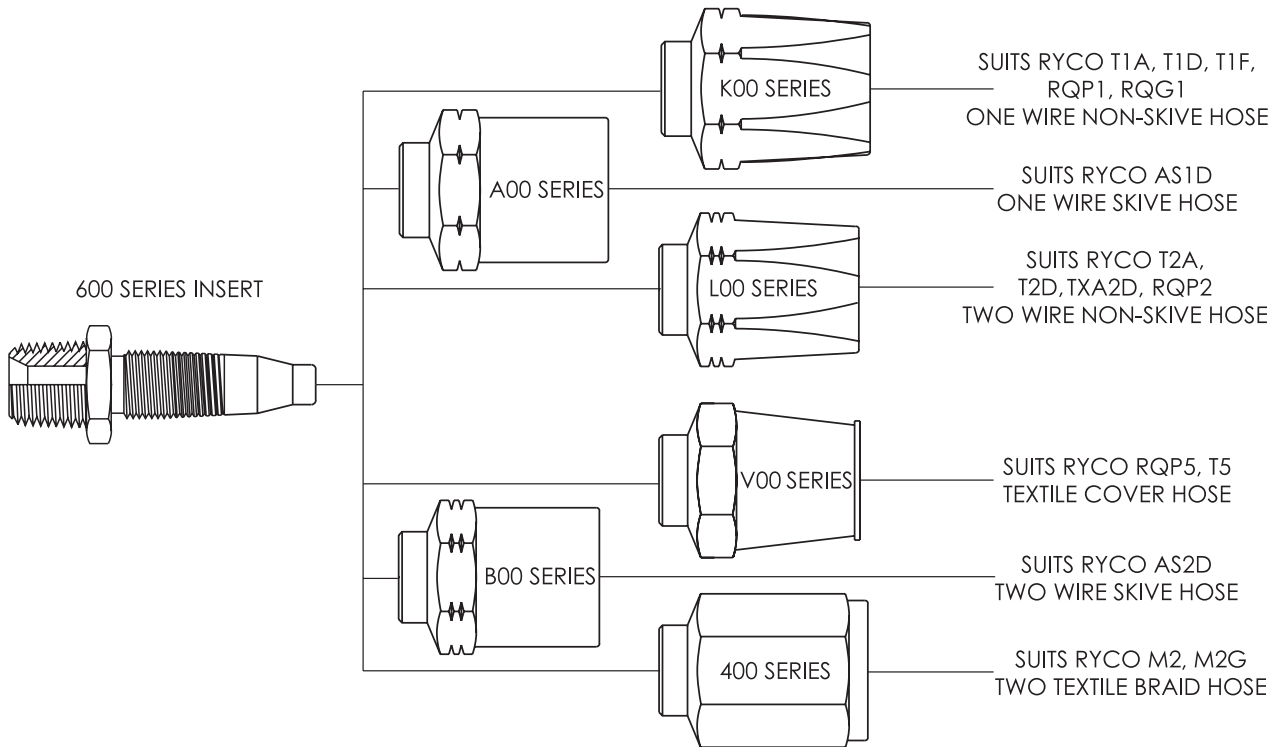
For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.



HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	JIC MALE	JIC FEMALE	JIC FEMALE 45° ELBOW	JIC FEMALE 90° ELBOW				
DN	inch	inch	inch		PART NO	C _A	PART NO	C _A	PART NO	C _A	DL	PART NO	C _A	DL
6	1/4	7/16	1/4	-0407	603-0407	35	604-0407	29	608-0407	38	14	607-0407	27	18
6	1/4	1/2	5/16	-0408	603-0408	35	604-0408	29	608-0408	38	14	607-0408	27	18
6	1/4	9/16	3/8	-0409	603-0409	35	604-0409	29	608-0409	38	14	607-0409	27	18
6	1/4	3/4	1/2	-0412	603-0412	39	604-0412	31						
10	3/8	7/16	1/4	-0607			604-0607	26				607-0607	26	19
10	3/8	1/2	5/16	-0608			604-0608	26						
10	3/8	9/16	3/8	-0609	603-0609	32	604-0609	26	608-0609	36	12	607-0609	24	20
10	3/8	3/4	1/2	-0612	603-0612	36	604-0612	29	608-0612	37	13	607-0612	24	21
10	3/8	7/8	5/8	-0614	603-0614	38	604-0614	30						
12	1/2	9/16	3/8	-0809			604-0809	31						
12	1/2	3/4	1/2	-0812	603-0812	39	604-0812	32	608-0812	46	15	607-0812	32	22
12	1/2	7/8	5/8	-0814	603-0814	41	604-0814	33	608-0814	46	13	607-0814	32	23
12	1/2	1.1/16	3/4	-0817	603-0817	46	604-0817	36	608-0817	48	15	607-0817	32	25
16	5/8	7/8	5/8	-1014	603-1014	45	604-1014	36	608-1014	49	19	607-1014	33	27
16	5/8	1.1/16	3/4	-1017	603-1017	48	604-1017	38	608-1017	48	14	607-1017	33	28
19	3/4	7/8	5/8	-1214			604-1214	36						
19	3/4	1.1/16	3/4	-1217	603-1217	46	604-1217	36	608-1217	48	15	607-1217	32	28
19	3/4	1.3/16	7/8	-1219	603-1219	47	604-1219	38				607-1219	31	28
19	3/4	1.5/16	1	-1221	603-1221	49	604-1221	39						
25	1	1.1/16	3/4	-1617	603-1617	52	604-1617	43						
25	1	1.5/16	1	-1621	603-1621	53	604-1621	43	608-1621	58	18	607-1621	39	32
25	1	1.5/8	1.1/4	-1626	603-1626	56	604-1626	44						
31	1.1/4	1.5/8	1.1/4	-2026	603-2026	60	604-2026	49	608-2026	62	21	607-2026	43	37
38	1.1/2	1.7/8	1.1/2	-2430			604-2430	50						
51	2	2.1/2	2	-3240			604-3240	61						

The RYCO Field Attachable system consists of six ferrule styles, each specific to a hose type, and one common insert. Field attachable inserts and ferrules can be ordered individually, or as a complete coupling for specific hose types.



V00 Series Couplings for T5 Hose Series are shown on pages 190 to 201.

600 Series Inserts, for use with A00, B00, K00, L00 and 400 Series Ferrules, are shown on pages 204 to 219.

FERRULES			A00	B00	K00	L00	400						
SUITS RYCO HOSE TYPE			ONE WIRE BRAID SKIVE	TWO WIRE BRAID SKIVE	ONE WIRE BRAID NON-SKIVE	TWO WIRE BRAID NON-SKIVE	TWO TEXTILE BRAID						
SUITS RYCO HOSE SERIES			RYCO AS1D	RYCO AS2D	RYCO T1A, T1D, T1F RQP1, RQP1	RYCO T2A, T2D, TXA2D, RQP2	RYCO M2, M2G						
HOSE SIZE		USE INSERT	C_A Adj.	C_A Adj.	C_A Adj.	C_A Adj.	C_A Adj.						
DN	inch	Dash	SERIES	PART NO	mm	PART NO	mm	PART NO	mm	PART NO	mm	PART NO	mm
5	3/16	-03	600-03										
6	1/4	-04	600-04	A00-04	-3	B00-04	-3	K00-04	0	L00-04	0	400-04	0
10	3/8	-06	600-06	A00-06	0	B00-06	-1	K00-06	0	L00-06	0	400-06	0
12	1/2	-08	600-08	A00-08	+3	B00-08	0	K00-08	+3	L00-08	0	400-08	0
16	5/8	-10	600-10			B00-10	+1	K00-10	+1	L00-10	0		
19	3/4	-12	600-12	A00-12	0	B00-12	0	K00-12	+2	L00-12	0	400-12	0
25	1	-16	600-16	A00-16	-4	B00-16	-2	K00-16	0	L00-16	0	400-16	-2
31	1.1/4	-20	600-20	A00-20	-2	B00-20	-4			L00-20	0		
38	1.1/2	-24	600-24	A00-24	+2	B00-24	0						
51	2	-32	600-32	A00-32	0	B00-32	0						

All Series (except V Series)

Field Attachable Inserts and Ferrules can be ordered individually, or as complete Couplings. Each Ferrule Series is specific to a hose type as detailed on the previous page.

For all Series, except V Series*, the following method is used:

Example 1

(a) Individually

To order 1/2" NPT male Insert and Ferrule for 1/2" two wire non-skive hose (T2A).

Order Insert **609-0808** (600 Series). See NPT 600 Series Inserts on page 208.

Order Ferrule **L00-08**.

L00 Series Ferrules are used on T2A hose; see table on the previous page, or table for Matched Couplings for T2A on page 31.

Dash Size -08 part of L00-08 comes from 1/2" hose = 8/16" = -08; or from the tables.

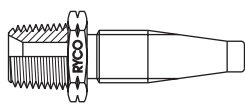
(b) Complete Coupling

Order **L09-0808**.

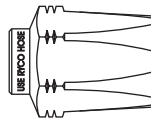
Simply replace the first character of the Insert part number with the first character of the Ferrule part number.

(replace 6 with L) = 609-0808 → L09-0808

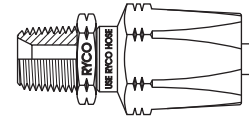
609-0808 Insert



plus L00-08 Ferrule equals



L09-0808 complete Coupling



Example 2

(a) Individually

To order 3/4"-16 JIC female Insert and Ferrule for 3/8" RQP1 series hose.

Order Insert **604-0612** (600 Series). See JIC 600 Series Inserts on page 209.

Order Ferrule **K00-06**.

K00 Series Ferrules are used on RQP1 hose; see table on previous page, table for Matched Couplings for RQP1 on page 50.

Dash Size -06 part of K00-06 comes from 3/8" hose = 6/16" = -06; or from the tables.

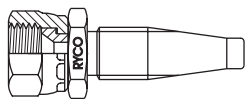
(b) Complete Coupling

Order **K04-0612**.

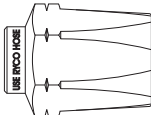
Simply replace the first character of the Insert part number with the first character of the Ferrule part number.

(replace 6 with K) = 604-0612 → K04-0612

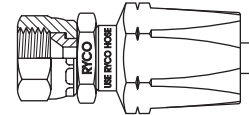
604-0612 Insert



plus K00-06 Ferrule equals



K04-0612 complete Coupling



* See pages 188 and 189 for How To Order RYCO V00 Series Field Attachable Couplings for RQP5 and T5 Series Hose.

Cut-Off Allowance (C_A) Dimensions for Field Attachables

Due to differences in Ferrule design, many Cut-Off Allowance (C_A) dimensions vary between each Ferrule Series for the same matched Insert/Hose size.

The Cut-Off Allowance (C_A) dimensions published in "600 Series Field Attachable Inserts" section allow for the Ferrule being eased back 5/8 of a turn after the hose has bottomed in the ferrule, as per "Field Attachable Assembly Instructions" (ease back between 1/2 and 3/4 of a turn).

The Cut-Off Allowance (C_A) values for 600 Series Inserts, published in the tables on pages 204 to 219 are:

1. Up to and including -20 Size; the C_A is for **L00** Series (the most popular series)
2. For -24 and -32 Size; the C_A is for **B00** Series.

To determine the correct Cut-Off Allowance (C_A) for other Ferrule Series, use the published figure from pages 204 to 219, and adjust by the C_A Adjustment dimension listed in the table on the previous page.

EXAMPLE:

Determine the Cut-Off Allowance (C_A) for **K09-1616**.

From table on page 208, Cut-Off Allowance (C_A) for **609-0808** (L09-0808) is 42 mm.

From the table on the previous page, adjustment for **K00** Series in -08 size is "add 3 mm".

Cut-Off Allowance (C_A) for K09-0808 = 42 mm + 3 mm = 45 mm.

If the hose assembly length is critical, when calculating the Cut Length of hose, you must also allow for an increase in length of hose when the coupling is attached, due to compression within the coupling; see page 393.

For further information about Hose Assemblies and Cut-Off Allowances (C_A), see pages 392 to 398 of the Technical Section.

* For Cut-Off Allowances (C_A), and **V Series** Couplings, refer to pages 188 to 201.