

# ■ COUPLINGS



# COUPLINGS

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THIS SECTION IS ARRANGED IN THE FOLLOWING COUPLING SERIES ORDER:

PAGES	COUPLING SERIES	APPLICATION
<b>BITELOK ONE-PIECE CRIMP COUPLINGS</b> (Series numbers have changed. Previous series in brackets.)		
177 to 187	<b>T1000</b>	BITELOK One-Piece Crimp for T3000 & T3600 Braid Hose, TP7, TP7T, TP7N, TP7TN, TP8, TP8T, TP8N, TP8TN Thermoplastic Hose
188 to 208	<b>T2000</b> (T200)	BITELOK One-Piece Crimp for Wire Braid Hose
209 to 216	<b>T4000</b> (T400)	BITELOK One-Piece Crimp for M2, M2G, MP1, RQP5, TP7, TP7N, TP7T, TP7TN, TP3000, PL1, PL1D, RQP6, MS1000, CS1000, SR, SRF and T5 hose
217 to 233	<b>T7000</b> (T700)	BITELOK One-Piece Crimp for Wire Braid Hose and selected High Pressure Spiral Hose
234 to 240	<b>T9000</b> (T900)	BITELOK One-Piece Crimp for H5032, H6024 and selected sizes of R4SH hose
241 to 243	<b>TT000</b>	BITELOK One-Piece Crimp for RTH1 Hose
244	<b>TG000</b>	BITELOK One-Piece Crimp for TPGL Greaseline
<b>BITELOK TWO-PIECE CRIMP COUPLINGS</b> (Series numbers have changed. Previous series in brackets.)		
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<b>FIELD ATTACHABLE COUPLINGS</b> (Series numbers have changed. Previous series in brackets.)		
254 to 257	<b>8000</b> (800)	Push-On for PL1, PL1D and RQP6 Hose
258 to 261	<b>33000</b> (3300)	Suction and Return for SR and SRF Hose
262 to 275	<b>V000</b> (V00)	Field Attachable for RQP5 and T5 Hose
276	<b>K000</b> (K00), <b>L000</b> (L00) <b>M000</b> (400) <b>P000</b>	Field Attachable Ferrules
276 to 290	<b>6000</b> (600)	Field Attachable Inserts for Wire Braid Hose, M2 and M2G Series Textile Braid Hose, and TPGL Hose With appropriate Ferrules, these form K000, L000, M000, P000 and V000 Series Field Attachable Couplings
<b>TWO INDEXES FOLLOW:</b>		
160 to 40	—	Pictorial Index
170 to 174	—	Index by End Style Number & Coupling Series

WITHIN EACH COUPLING SERIES THE LISTING ORDER IS ALPHABETICAL \* BY THREAD OR CONNECTOR TYPE:

BSP (BSPT, BSPP, BSPP ENCAPSULATED SEAL, BSPP O RING, BANJO)  
 NPT\* (NPT, NPTF, NPSM)  
 CROCBITE  
 GREASELINE  
 JIC  
 JIS (BSP, METRIC)  
 JOINER  
 METRIC (DKL, DKOL, DKS, DKOS, FRENCH GAZ, FRENCH MILLIMETRIC, JIS, BANJO)  
 ORFS  
 PW  
 RKVP/RKVF  
 RYCO WEO  
 STAPLELOK, SUPERLOK  
 SAE (Thread, then Flange)  
 SALVAGE  
 STANDPIPE  
 TUBE BITE  
 UNO (O RING BOSS)  
 HAMMER UNION (WING UNION)

\*NOTE: NPT is not in strict alphabetical order. NPT is similar in concept to BSP therefore has been placed directly after BSP.

WITHIN EACH ALPHABETICAL THREAD OR CONNECTOR TYPE, THE LISTING ORDER IS:

MALE  
 FEMALE  
 SPECIAL FEATURES (live swivel, etc)  
 SPECIAL SEATS (flat, concave, etc)  
 ELBOWS (45° then 90°)  
 TUBE BENDS (in increasing degree of bend from 10° to 110°)

PLEASE BE AWARE THAT COUPLING PART NUMBERS HAVE CHANGED. SEE PAGE 28 IN INTRODUCTION AND THE EXAMPLES ON PAGES 158 TO 159 FOR MORE INFORMATION.

PLEASE NOTE THAT THE NEW AND EXTENDED RANGE OF RYCO STAINLESS STEEL COUPLINGS AND ADAPTORS WILL BE INTRODUCED IN 2014. CONTACT YOUR LOCAL RYCO REPRESENTATIVES FOR MORE DETAILS.

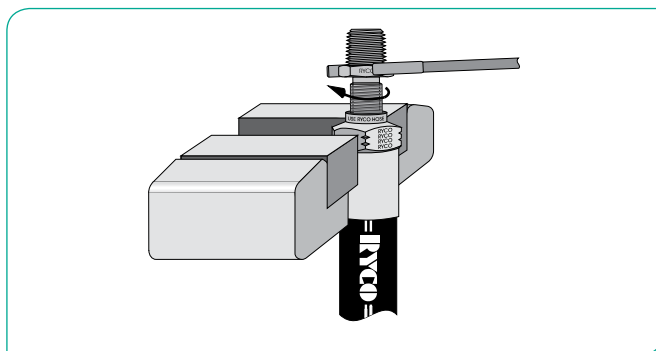
RYCO Hydraulics manufacture hose couplings in many different styles and sizes to match each RYCO hose series, with a wide range of thread and connection types.

Hose Couplings must be carefully matched to the hose. When the hose for an application has been selected, it is crucial that the couplings to be fitted are designed specifically for that hose. This information is listed in this RYCO PRODUCT TECHNICAL MANUAL on the pages for each Hose Series, and also on the pages for each Coupling Series.

**HOSE COUPLINGS CAN BE BROADLY DIVIDED INTO TWO TYPES:**

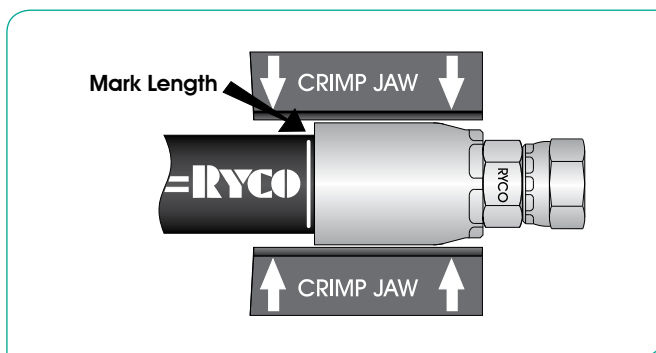
**1) FIELD ATTACHABLE COUPLINGS**

Attached to the hose using commonly available hand tools. Push-On Hose Couplings and Suction and Return Hose Couplings are often classed as Field Attachable couplings.



**2) CRIMP, OR SWAGE, COUPLINGS**

Permanently attached to the hose using a crimping, or swaging, machine.



**DO NOT MIX / MATCH HOSE AND COUPLINGS FROM DIFFERENT MANUFACTURERS.**

It is critical that the hose and coupling manufacturer are the same and that they are assembled using the manufacturer's recommended equipment, components and procedures.

**NOTE: Illustrations are indicative only, and are not to scale.**

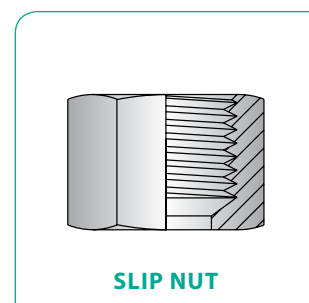
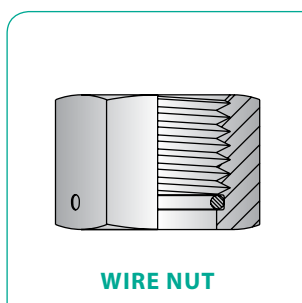
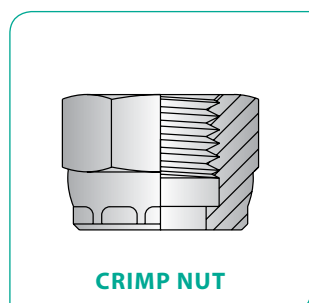
**NOTE: Drop Length (DL) and Cut-off Allowance (C<sub>A</sub>) dimensions shown are for reference only, and may vary according to manufacturing method.**

Female Swivel Nut fittings are typically illustrated as "Crimp Nut", except T7020H (T702H) and T9000 (T900) Series.

Generally, RYCO Fittings including T9000 (T900) Series are as follows:

1. BSPP, NPSM, JIC, JIS, ORFS and SAE nuts are "Crimp Nut" up to and including 1" Hose Size; and "Wire Nut" 1.1/4" to 2" Hose Size.
2. PW and SAE Inverted Flare Male nuts are always "Slip Nut."
3. Metric DKL, DKOL, DKS and DKOS nuts are generally "Slip Nut" where possible and "Wire/Crimp Nut" on jump sizes.
4. T7022 (T702H) is "Wire Nut".

**There are many exceptions to these general rules; for precise information, contact RYCO.**



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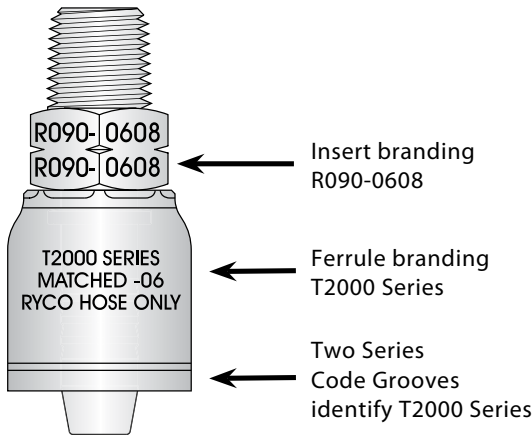
## IMPORTANT INFORMATION: HOSE COUPLING PART NUMBER CHANGES

### BRANDING EXAMPLES

The pictorial examples in the following pages indicate the differences in branding and identification between New and Previous Coupling Series. Ferrules are branded with the Coupling Series and the following identification marks;

- T1000 has no series code grooves
  - T2000 (T200) has two series code grooves
  - T4000 (T400) has three series code grooves
  - T7000 (T700) has four series code grooves
  - T9000 (T900) has six series code grooves
  - TT000 has two series code grooves (one at each end of the ferrule)
  - TG000 has no series code grooves
  - 69000N (6900N) has six series code grooves
- Field Attachable Coupling identification is shown on page 276.

### NEW T2000



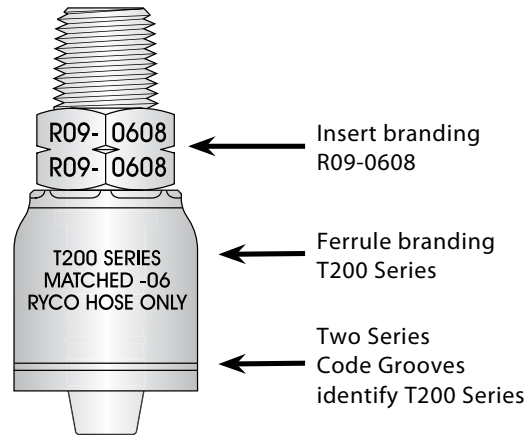
To complete the Part Number for Coupling:

Insert Part Branding is R090-0608  
Series is T2000 (from T2000 Ferrule Branding or Two Series Code Grooves)

Simply replace "R" of Insert Part Branding with "T2"  
(first two characters of Series)

(replace R with T2) R090-0608 → T2090-0608

### PREVIOUS T200



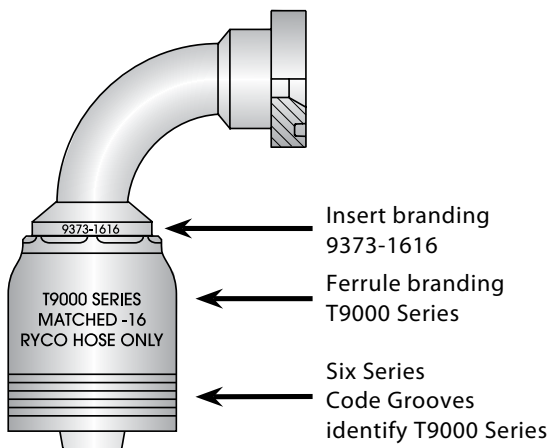
To complete the Part Number for Coupling:

Insert Part Branding is R09-0608  
Series is T200 (from T200 Ferrule Branding or Two Series Code Grooves)

Simply replace "R" of Insert Part Branding with "T2"  
(first two characters of Series)

(replace R with T2) R09-0608 → T209-0608

### NEW T9000



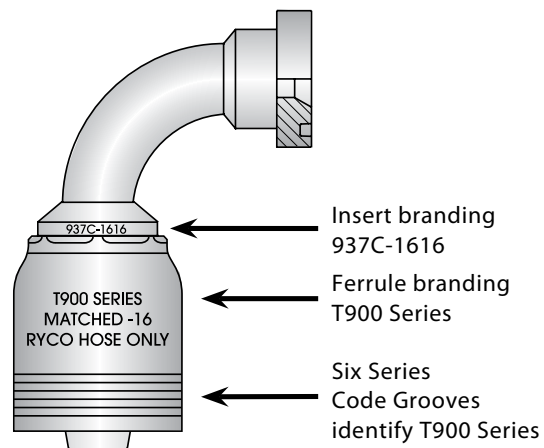
To complete the Part Number for Coupling:

Insert Part Branding is 9373-1616  
Series is T9000 (from T9000 Ferrule Branding or Six Series Code Grooves)

Simply add "T" to Insert Part Branding

(add T) 9373-1616 → T9373-1616

### PREVIOUS T900



To complete the Part Number for Coupling:

Insert Part Branding is 937C-1616  
Series is T900 (from T900 Ferrule Branding or Six Series Code Grooves)

Simply add "T" to Insert Part Branding

(add T) 937C-1616 → T937C-1616

## IMPORTANT INFORMATION: HOSE COUPLING PART NUMBER CHANGES

### IMPORTANT INFORMATION- NEW COUPLING SERIES TT000

As part of RYCO's commitment to innovation and continuous improvement, we have created a new one-piece coupling series to supercede the discontinued two-piece 1100 Ferrule and RT series insert. The new coupling series is the TT000.

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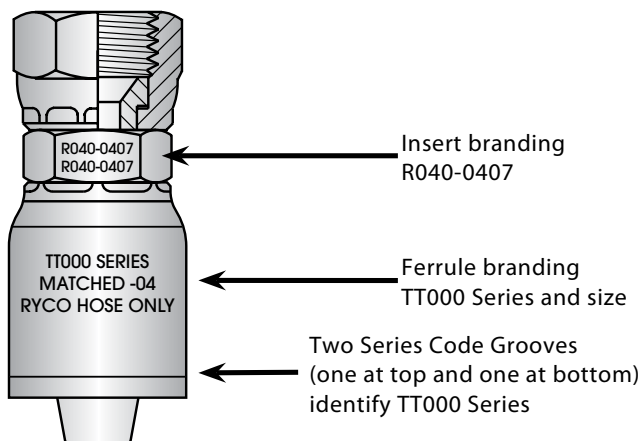
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### NEW TT000



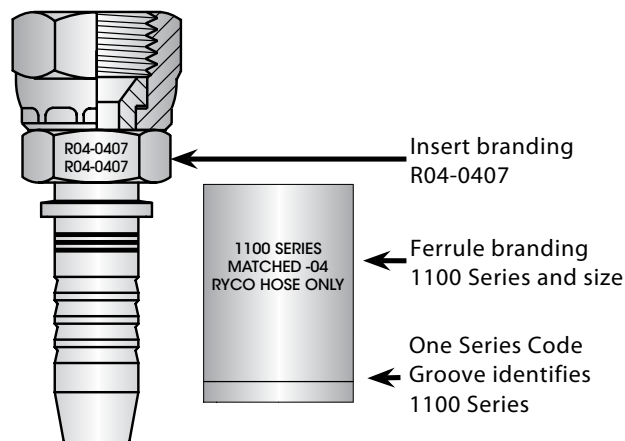
To complete the Part Number for Coupling:

Insert Part Branding is R040-0407  
Series is TT000 (from TT000 Ferrule Branding or Two Series Code Grooves, one at each end of the ferrule)

Simply replace "R" of Insert Part Branding with "TT"  
(first two characters of Series)

(replace R with TT) R040-0407 → TT040-0407

### PREVIOUS 1100 AND RT INSERT



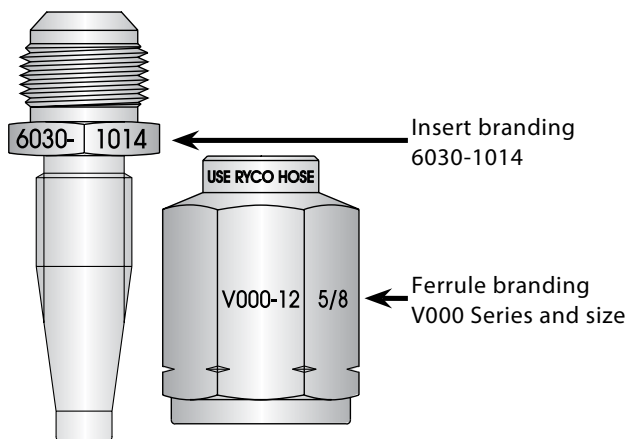
To complete the Part Number for Coupling:

Insert Part Branding is R04-0407  
Series is 1100

Simply replace "R" of Insert Part Branding with "11"  
(first two characters of Series)

(replace R with 11) R04-0407 → 1104-0407

### NEW V000



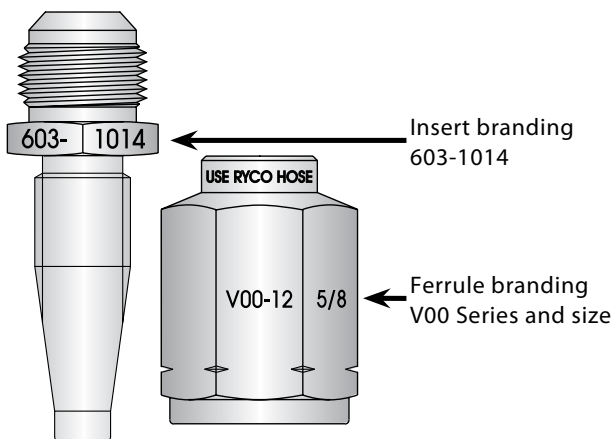
To complete the Part Number for Coupling:

Insert Part Branding is 6030-1014  
Series is V000

Simply replace "6" of Insert Part Branding with "V"  
(first character of Series)

(replace 6 with V) 6030-1014 → V030-1014

### PREVIOUS V00



To complete the Part Number for Coupling:

Insert Part Branding is 603-1014  
Series is V00

Simply replace "6" of Insert Part Branding with "V"  
(first character of Series)

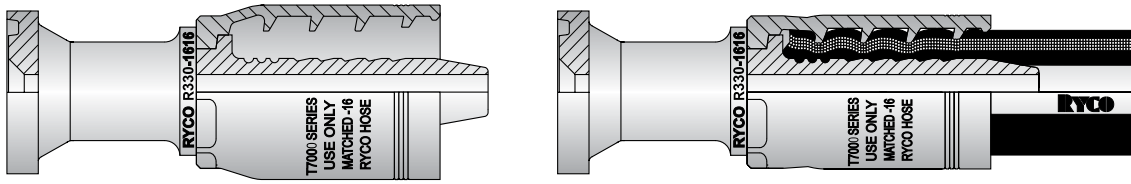
(replace 6 with V) 603-1014 → V03-1014

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### BITELOK ONE-PIECE CRIMP COUPLINGS

RYCO BITELOK Crimp Couplings are permanently attached fittings, assembled onto the hose with a swaging press.



RYCO BITELOK One-Piece Crimp Couplings have the ferrule already attached to the hose insert at the factory. This eliminates the possibility of selecting the wrong ferrule type when fabricating hose assemblies, which can cause failure of the assembly.

Each BITELOK One-Piece Crimp Coupling Series suits specific styles of hose, as shown in the table below. T1000, T2000, T4000, T7000 and T9000 BITELOK One-Piece Crimp Couplings Series can be used on more than one hose style - only the finished crimp diameter changes.

BITELOK One-Piece Crimp couplings eliminate the need to "skive" the cover off the hose before attaching the couplings - even for Spiral reinforced hoses. This makes assembly simple, quick and efficient. Simply push the coupling onto the hose to the correct mark length, and crimp the ferrule. The teeth inside the ferrule BITE down though the cover to LOK onto the reinforcement wires\*.

\* T4000 Series for One and Two Braid Textile reinforced hoses do not bite down to the textile reinforcement.

BITELOK SERIES	SUITS HOSE TYPE	RYCO HOSE SERIES AND SIZES
T1000	<b>Thermoplastic Hoses &amp; R17 Wire Braid</b> <b>NO SERIES CODE GROOVES</b> <b>AT END OF FERRULE</b>	For RYCO Hose Series T3000, T3600 all sizes. For RYCO Hose Series TP7, TP7N, TP7T, TP7TN, TP8, TP8N, TP8T, TP8TN all sizes.
T2000	<b>One and Two Wire Braided Hoses</b> <b>TWO SERIES CODE GROOVES</b> <b>AT END OF FERRULE</b>	For RYCO Hose Series T1A, T1D, T1F, T1S, T2A, T2D, T2S, T2C, DF2A, TXA2D, TJ2D, RQP1, RQP2, TW1, PW2 up to size -48. For RYCO Hose Series T3000, T3600, T4000, T5000, T6000, E2, BT1. For RYCO Hose Series CS1000, MS1000 up to -32.
T4000	<b>Some One and Two Textile Braided Hoses and some Thermoplastic Hoses</b> <b>THREE SERIES CODE GROOVES</b> <b>AT END OF FERRULE</b>	For RYCO Hose Series TP7, TP7N, TP7T, TP7TN, TP3000 all sizes. For RYCO Hose Series SR and SRF sizes -12 to -32. For RYCO Hose Series M2, M2G, PL1, PL1D and RQP6 sizes -4 to -12. For RYCO Hose Series MP1 sizes -4 to -20. For RYCO Hose Series RQP5 and T5 sizes -4 to -12. For RYCO Hose Series CS1000, MS1000 sizes -20 to -32.
T7000	<b>Selected Spiral Hoses</b> <b>One and Two Wire Braided Hoses</b> <b>FOUR SERIES CODE GROOVES</b> <b>AT END OF FERRULE</b>	For RYCO Hose Series H3000, H4000, T1A, T1D, T1F, T1S, T2A, T2D, T2S, T2C, BT1, E2, D2B, DF2A, H12A, H12D, H12S, TXA2D, RQP1, RQP2 all sizes. For RYCO Hose Series H5000 up to -24. For RYCO Hose Series H6000 up to -20. For RYCO Hose Series R4SP (cover must be skived) and R4SH (sizes -20 to -32).
T9000	<b>Selected Spiral Hoses</b> <b>SIX SERIES CODE GROOVES</b> <b>AT END OF FERRULE</b>	For RYCO Hose H5032, H6024, R4SH12, R4SH16.

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MALE STRAIGHT cont'd

<b>T1010</b> P177	<b>T1013</b> P177	<b>T1017</b> P177	<b>T1320</b> P178				<b>T1090</b> P180	
<b>T2010</b> P188	<b>T2013</b> P188	<b>T2017</b> P188	<b>T2220</b> P189/P195	<b>T2320</b> P189	<b>T2475</b> P190	<b>T2090</b> P192	<b>T2091</b> P192	
<b>T4010</b> P209		<b>T4013</b> P209			<b>T4320</b> P209		<b>T4090</b> P210	
<b>T7010</b> P217	<b>T7014</b> P217	<b>T7013</b> P217					<b>T7090</b> P218	<b>T7091</b> P218
<b>T9010</b> P234		<b>T9013</b> P234				<b>T9090</b> P234	<b>T9091</b> P234	
BSPT MALE	BSPT MALE HEAVY	BSPP MALE	BSPP MALE CAPTIVE SEAL	BSPP MALE 60° CONVEX SEAT (JIS)	BSPT MALE SWIVEL	BSP BANJO	NPT MALE	NPT MALE EXTENDED
<b>T1320N</b> P180			<b>T1030</b> P181	<b>T1650</b> P183	<b>T1630</b> P184			
<b>T2320N</b> P192	<b>T2880</b> P193	<b>T2880A</b> P194	<b>T2030</b> P194	<b>T2650</b> P196	<b>T2630</b> P198	<b>T2920</b> P199	<b>T2924</b> P199	<b>T2470</b> P200
<b>T4320N</b> P210			<b>T4030</b> P211					
<b>T7880</b> P219		<b>T7880A</b> P219	<b>T7030</b> P220	<b>T7630</b> P223	<b>T7920</b> P223	<b>T7924</b> P224		
<b>T9880</b> P235		<b>T9030</b> P235		<b>T9630</b> P236				
NPT MALE SWIVEL	CROCBITE MALE	CROCBITE MALE HIGH FLOW	JIC MALE	METRIC DKL MALE 24° CONE	METRIC DKS MALE 24° CONE	METRIC FRENCH GAZ MALE	METRIC FRENCH MILLIMETRIC MALE	METRIC BANJO
<b>T1840</b> P185						<b>T1530</b> P186		
<b>T2840</b> P201	<b>T2950</b> P202	<b>T2896</b> P203	<b>T2890</b> P203	<b>T2480</b> P204	<b>T2870</b> P204	<b>T2530</b> P205	<b>T2740</b> P205	
<b>T4840</b> P213						<b>T4530</b> P214	<b>T4740</b> P214	
<b>T7840</b> P225		<b>T7896</b> P226	<b>T7890</b> P226	<b>T7480</b> P226	<b>T7870</b> P227	<b>T7876</b> P227		
<b>T9896</b> P236				<b>T9870</b> P237	<b>T9876</b> P237			
ORFS MALE	PW GUN HANDLE TUBE	RKVP MALE	RKVF MALE	RYCO WEO MALE	STAPLELOK MALE	SUPERLOK MALE	SAE MALE	SAE INVERTED MALE FLARE
<b>T1200</b> P187		<b>T1380</b> P187						
<b>T2200</b> P208		<b>T2380</b> P208						
<b>T7200</b> P233								
UN O RING MALE (O RING BOSS)	UN O RING MALE SWIVEL (O RING BOSS)							

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MALE  
45° & 60°

<b>T2881</b> P193	<b>T2482</b> P204	<b>T2871</b> P204	<b>T2750</b> P205	<b>T2760</b> P205	
<b>T4750</b> P214					
<b>T7881</b> P219	<b>T7881A</b> P219	<b>T7482</b> P226	<b>T7871</b> P227		
<b>T9881</b> P235			<b>T9871</b> P237		
CROC BITE MALE 45° ELBOW	CROC BITE MALE HIGH FLOW 45° ELBOW	RYCO WEO MALE 45° TUBE BEND	STAPLELOK MALE 45° ELBOW	SAE INVERTED MALE FLARE 45° TUBE BEND	SAE INVERTED MALE FLARE 60° TUBE BEND

MALE  
90°

<b>T1340</b> P178	<b>T1340N</b> P180
<b>T2340</b> P189	<b>T2340N</b> P192
<b>T1390</b> P187	
<b>T2882</b> P193	<b>T2483</b> P204
<b>T2872</b> P204	<b>T2780</b> P205
<b>T2790</b> P205	<b>T2770</b> P205
<b>T2390</b> P208	<b>T4770</b> 214
<b>T7882</b> P219	<b>T7882A</b> P219
<b>T7483</b> P226	<b>T7872</b> P227
<b>T9882</b> P235	
<b>T9872</b> P237	
BSPT MALE SWIVEL 90° ELBOW	NPT MALE SWIVEL 90° ELBOW

MALE  
90°

<b>T2882</b> P193	<b>T2483</b> P204	<b>T2872</b> P204	<b>T2780</b> P205	<b>T2790</b> P205	<b>T2770</b> P205	<b>T2390</b> P208	
<b>T4770</b> 214							
<b>T7882</b> P219	<b>T7882A</b> P219	<b>T7483</b> P226	<b>T7872</b> P227				
<b>T9882</b> P235				<b>T9872</b> P237			
CROC BITE MALE 90° ELBOW	CROC BITE MALE HIGH FLOW 90° ELBOW	RYCO WEO MALE 90° TUBE BEND	STAPLELOK MALE 90° ELBOW	SAE INVERTED MALE FLARE 90° ELBOW	SAE INVERTED MALE FLARE 90° EXTENDED ELBOW	SAE INVERTED MALE FLARE 90° TUBE BEND	UN O RING MALE SWIVEL (O RING BOSS) 90° ELBOW

FEMALE  
STRAIGHT

<b>T1020</b> P177		<b>T1120</b> P182			<b>T1020N</b> P180		<b>T1040</b> P181	
<b>T2020</b> P188	<b>T2028B</b> P189	<b>T2024</b> P189	<b>T2120</b> P189/P195	<b>T2190</b> P193	<b>T2020N</b> P193	<b>T2861</b> P194	<b>T2040</b> P194	
<b>T4020</b> P209		<b>T4120</b> P210/P212			<b>T4020N</b> P210		<b>T4040</b> P211	
<b>T7020</b> P217		<b>T7022</b> P217				<b>T7020N</b> P218		<b>T7040</b> P220
<b>T9020</b> P234								<b>T9040</b> P235
BSPP FEMALE	BSPP FEMALE LIVE SWIVEL	BSPP FEMALE HEAVY	BSPP FEMALE FLAT FACE	BSPP FEMALE 60° CONCAVE SEAT (JIS)	NPT FEMALE FIXED	NPSM FEMALE	GREASE LINE FIXED FEMALE	JIC FEMALE



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FEMALE STRAIGHT cont'd & FEMALE 45°

FEMALE 45° cont'd  
FEMALE 90°

	T1501 P183		T1711 P184		T1680 P184		T1800 P185							
	T2600 P197	T2501 P197	T2711 P198	T2921 P199	T2925 P199	T2680 P196/P200	T2800 P201	T2899 P203						
	T4600 P213						T4800 P213							
	T7045 P220	T7501 P222	T7711 P223	T7921 P223	T7925 P224	T7680 P222/P224	T7800 P225	T7899 P226						
	T9045 P235		T9711 P236			T9800 P236		T9899 P236						
	JIC FEMALE HIGH PRESSURE	METRIC DKL FEMALE 24°/60° CONE	METRIC DKOL FEMALE 24° CONE	METRIC DKOS FEMALE 24° CONE	METRIC FRENCH GAZ FEMALE 24° CONE	METRIC FRENCH MILLIMETRIC FEMALE 24° CONE	METRIC FEMALE 60° CONCAVE SEAT (JIS) KOMATSU	ORFS FEMALE	RKVP FEMALE					
	T1540 P186		T1060 P178		T1080 P181		T1580 P186		T1270 P179		T1250 P182			
	T2894 P203	T2540 P205	T2940 P202	T2060 P190	T2080 P194	T2580 P205	T2270 P191	T2250 P195						
	T4540 P214						T4250 P211							
	T7894 P226			T7060 P217		T7080 P220		T7270 P218		T7250 P221				
							T9250 P235		T9255 P235					
	RKVP FEMALE	SAE FEMALE	PRESSURE WASHER FEMALE	BSPP FEMALE 45° ELBOW	JIC FEMALE 45° ELBOW	SAE FEMALE 45° ELBOW	BSPP FEMALE 45° TUBE BEND	JIC FEMALE 45° TUBE BEND	JIC FEMALE HIGH PRESSURE 45° TUBE BEND					
	T1510 P183		T1720 P184		T1810 P185		T1050 P178		T1070 P181		T1570 P186		T1260 P179	
	T2660 P197	T2510 P197	T2720 P198	T2810 P202	T2050 P190		T2070 P194		T2570 P205		T2260 P191			
	T4660 P213		T4810 P213		T4550 P214		T4050 P209		T4570 P214		T4260 P209			
	T7720 P223			T7810 P225		T7050 P217		T7070 P220		T7260 P218				
	T9720 P236		T9810 P236		T9050 234			T9260 P234						
	METRIC DKL FEMALE 24°/60° CONE 45° TUBE BEND	METRIC DKOL FEMALE 24° CONE 45° TUBE BEND	METRIC DKOS FEMALE 24° CONE 45° TUBE BEND	ORFS FEMALE 45° TUBE BEND	SAE FEMALE 45° TUBE BEND	BSPP FEMALE 90° ELBOW	JIC FEMALE 90° ELBOW	SAE FEMALE 90° ELBOW	BSPP FEMALE 90° TUBE BEND					

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	<b>T1210</b> P179	<b>T1243</b> P182	<b>T1240</b> P182		<b>T1280</b> P182	<b>T1520</b> P183	<b>T1730</b> P184		
	<b>T2210</b> P191	<b>T2243</b> P195	<b>T2240</b> P195		<b>T2280</b> P195	<b>T2670</b> P197	<b>T2520</b> P197	<b>T2730</b> P198	
		<b>T4243</b> P212	<b>T4240</b> P212		<b>T4280</b> P212	<b>T4670</b> P213			
	<b>T7210</b> P218	<b>T7243</b> P221	<b>T7240</b> P221	<b>T7245</b> P221	<b>T7280</b> P221		<b>T7730</b> P223	<b>T7923</b> P223	
		<b>T9243</b> P235	<b>T9240</b> P235	<b>T9245</b> P235			<b>T9730</b> P236		
<b>FEMALE 90° cont'd</b>									
	BSPF FEMALE 90° LONG BEND	JIC FEMALE 90° SHORT BEND	JIC FEMALE 90° MEDIUM BEND	JIC FEMALE HIGH PRESSURE 90° MEDIUM BEND	JIC FEMALE 90° LONG BEND	METRIC DKL FEMALE 24°/60° CONE 90° TUBE BEND	METRIC DKOL FEMALE 24° CONE 90° TUBE BEND	METRIC DKOS FEMALE 24° CONE 90° TUBE BEND	METRIC FRENCH GAZ FEMALE 24° CONE 90° TUBE BEND
	<b>T1823</b> P185	<b>T1820</b> P185	<b>T1830</b> P185			<b>T1900</b> P183		<b>T1230</b> P186	
	<b>T2823</b> P202	<b>T2820</b> P202	<b>T2830</b> P202			<b>T2900</b> P196		<b>T2230</b> P207	
		<b>T4820</b> P213		<b>T4560</b> P214				<b>T4230</b> P216	
	<b>T7823</b> P225	<b>T7820</b> P225	<b>T7830</b> P225			<b>T7900</b> P222		<b>T7230</b> P233	
		<b>T9820</b> P236						<b>T9230</b> P240	
<b>FEMALE 90° cont'd</b>					<b>JOINER</b> 	<b>SALVAGE/STANDPIPE</b> 			
	ORFS FEMALE 90° SHORT BEND	ORFS FEMALE 90° MEDIUM BEND	ORFS FEMALE 90° LONG BEND	SAE FEMALE 90° TUBE BEND	JOINER	SALVAGE/ STANDPIPE		IMPERIAL STANDPIPE	
	<b>T2640</b> P207	<b>T2643</b> P207	<b>T2646</b> P207		<b>T2850</b> P208		<b>T2130</b> P206		
					<b>T4850</b> P216		<b>T4130</b> P215		
	<b>T7640</b> P232	<b>T7643</b> P232	<b>T7646</b> P232				<b>T7130</b> P228	<b>T7140</b> P228	
							<b>T7290</b> P229		
							<b>T9130</b> P238		
<b>SALVAGE/STANDPIPE cont'd</b>				<b>TUBE BITE</b> 	<b>SAE FLANGE CODE 61</b> 				
	METRIC STANDPIPE	METRIC STANDPIPE 45° TUBE BEND	METRIC STANDPIPE 90° TUBE BEND	TUBE BITE	SAE FLANGE CODE 61		CODE 61 FLANGE	CODE 61 FLANGE 22.5° TUBE BEND	CODE 61 FLANGE 30° TUBE BEND
	<b>T2150</b> P206			<b>T2170</b> P206					
	<b>T4150</b> P215			<b>T4170</b> P215					
	<b>T7150</b> P228	<b>T7300</b> P228	<b>T7160</b> P229	<b>T7170</b> P229	<b>T7171</b> P229	<b>T7172</b> P229	<b>T7173</b> P229	<b>T7174</b> P230	
	<b>T9150</b> P238			<b>T9170</b> P238				<b>T9910</b> P238	
<b>SAE FLANGE CODE 61 cont'd</b>									
	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 60° TUBE BEND	CODE 61 FLANGE 67.5° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND	CODE 61 FLANGE 90° LONG BEND	CODE 61 FLANGE 90° LONG BEND	CODE 61 FLANGE 90° LONG BEND	CODE 61 FLANGE 90° SPECIAL TUBE BEND	CODE 61 FLANGE 110° TUBE BEND

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SAE  
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CODE 62

T7330 P230	T7440 P230	T7450 P230	T7350 P230	T7460 P231	T7360 P231	T7370 P231	T7930 P231
T9330 P238	T9440 P238	T9450 P238	T9350 P238	T9460 P239	T9360 P239	T9370 P239	T9930 P239
CODE 62 FLANGE	CODE 62 FLANGE 22.5° TUBE BEND	CODE 62 FLANGE 30° TUBE BEND	CODE 62 FLANGE 45° TUBE BEND	CODE 62 FLANGE 60° TUBE BEND	CODE 62 FLANGE 67.5° TUBE BEND	CODE 62 FLANGE 90° TUBE BEND	CODE 62 FLANGE 110° TUBE BEND

SPECIAL  
FLANGE  
RYCO  
CODE 62C

T7333 P231	T7443 P231	T7453 P231	T7353 P231	T7463 P232	T7363 P232	T7373 P232	T7933 P232
T9333 P239	T9443 P239	T9453 P239	T9353 P239	T9463 P240	T9363 P240	T9373 P240	T9933 P240
R62C FLANGE	R62C FLANGE 22.5° TUBE BEND	R62C FLANGE 30° TUBE BEND	R62C FLANGE 45° TUBE BEND	R62C FLANGE 60° TUBE BEND	R62C FLANGE 67.5° TUBE BEND	R62C FLANGE 90° TUBE BEND	R62C FLANGE 110° TUBE BEND

HAMMER  
UNION

T71502 P233	T71501 P233								
T91502 P240	T91501 P240								
FIG 1502 MALE (WITH NUT)	FIG 1502 FEMALE (WITH SEAL)								









## TT000 ONE-PIECE CRIMP COUPLINGS FOR RTH1 SERIES HOSE

TT010 P241	TT320 P241	TT030 P242	TT090 P242	TT020 P241	TT040 P242	TT600 P243	TT540 P243	TT250 P242	TT050 P241
BSPT MALE	BSPT MALE SWIVEL	JIC MALE	NPT MALE	BSPP FEMALE	JIC FEMALE	DKL FEMALE 24°/60° CONE	SAE FEMALE	JIC FEMALE 45° BEND	BSPP FEMALE 90° ELBOW
TT260 P241	TT240 P242	TT670 P243							
BSPP FEMALE 90° BEND	JIC FEMALE 90° BEND	DKL FEMALE 24°/60° CONE 90° TUBE BEND							













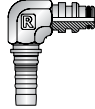
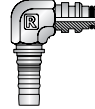








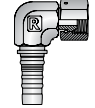
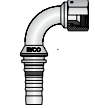
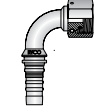





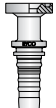











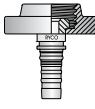

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### TG000 ONE-PIECE CRIMP COUPLINGS FOR TPGL SERIES HOSE (GREASELINE)

<b>TG010</b> P244	<b>TG320</b> P244	<b>TG090</b> P244	<b>TG320N</b> P244	<b>TG030</b> P244	<b>TG020</b> P244	<b>TG020N</b> P244	<b>TG040</b> P244
							
BSPT MALE	BSPT MALE SWIVEL	NPT MALE	NPT MALE SWIVEL	JIC MALE	BSPP FEMALE	NPSM FEMALE	JIC FEMALE

### 69000N (6900N) BITELOK INTERLOK TWO-PIECE CRIMP COUPLINGS FOR H6000 SERIES HOSE

<b>69000N</b> P245	<b>9010N</b> P245	<b>9090N</b> P246	<b>9880N</b> P246	<b>9030N</b> P246	<b>9630N</b> P247	<b>9840N</b> P247	<b>9896N</b> P247	<b>9870N</b> P250	<b>9876N</b> P250
									
CRIMP FERRULE	BSPT MALE	NPT MALE	CROCBITE MALE	JIC MALE	METRIC DKS MALE 24° CONE	ORFS MALE	RKVP MALE	STAPLELOK MALE	SUPERLOK MALE
<b>9881N</b> P246	<b>9871N</b> P250	<b>9882N</b> P246	<b>9872N</b> P250	<b>9020N</b> P245	<b>9040N</b> P246	<b>9711N</b> P247	<b>9800N</b> P247	<b>9899N</b> P247	<b>9250N</b> P246
									
CROCBITE MALE 45° ELBOW	STAPLELOK MALE 45° ELBOW	CROCBITE MALE 90° ELBOW	STAPLELOK MALE 90° ELBOW	BSPP FEMALE	JIC FEMALE	METRIC DKOS FEMALE 24° CONE	ORFS FEMALE	RKVP FEMALE	JIC FEMALE 45° TUBE BEND
<b>9720N</b> P247	<b>9810N</b> P247	<b>9050N</b> P245	<b>9240N</b> P246	<b>9730N</b> P247	<b>9820N</b> P247	<b>9130N</b> P248	<b>9150N</b> P248	<b>9170N</b> P248	<b>9330N</b> P249
									
METRIC DKOS FEMALE 24° CONE 45° TUBE BEND	ORFS FEMALE 45° TUBE BEND	BSPP FEMALE 90° ELBOW	JIC FEMALE 90° TUBE BEND	METRIC DKOS FEMALE 24° CONE 90° TUBE BEND	ORFS FEMALE 90° MEDIUM BEND	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND	CODE 62 FLANGE
<b>9333N</b> P249	<b>9350N</b> P249	<b>9353N</b> P249	<b>9370N</b> P249	<b>9371N</b> P249	<b>9373N</b> P249	<b>9335N</b> P250	<b>9445N</b> P250	<b>9355N</b> P250	<b>9375N</b> P250
									
R62C FLANGE	CODE 62 FLANGE 45° TUBE BEND	RYCO CODE 62C FLANGE 45° TUBE BEND	CODE 62 FLANGE 90° TUBE BEND	CODE 62 FLANGE 90° LONG TUBE BEND	RYCO CODE 62C FLANGE 90° TUBE BEND	RYCO CODE 62K FLANGE	RYCO CODE 62K FLANGE 30° TUBE BEND	RYCO CODE 62K FLANGE 45° TUBE BEND	RYCO CODE 62K FLANGE 90° TUBE BEND
<b>9100N</b> P250	<b>9900N</b> P246	<b>91502N</b> P251	<b>91501N</b> P251						
									
RYCO CODE 62K FLANGE 135° TUBE BEND	JOINER	FIG 1502 MALE (WITH NUT)	FIG 1502 FEMALE (WITH SEAL)						

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**1G000 (1G00) BITELOK TWO-PIECE CRIMP COUPLINGS FOR FB2 SERIES HOSE**

<b>1G000</b> P252	<b>GP010</b> P252	<b>GP340</b> P252	<b>GP020</b> P252	<b>G540</b> P253	<b>G580</b> P253	<b>GP050</b> P252	<b>GP240</b> P252	<b>G570</b> P253	<b>G230</b> P253
CRIMP FERRULE	PILOT O RING MALE	PILOT O RING MALE 90° ELBOW	PILOT O RING FEMALE	SAE FEMALE	SAE FEMALE 45° ELBOW	PILOT O RING FEMALE 90° ELBOW	PILOT O RING FEMALE 90° ELBOW SHORT	SAE FEMALE 90° ELBOW	SALVAGE (LIFE SAVER)

**8000 (800) PUSH-ON COUPLINGS FOR PL1, PL1D AND RQP6 SERIES HOSE**

PL1, PL1D and RQP6 Hose simply pushes on to 8000 Series couplings. Clamps are required for critical applications, and when Working Pressure exceeds 50% of the Maximum Static Working Pressure. Do not overtighten Clamps as this will damage hose.

<b>8010</b> P254	<b>8111</b> P254	<b>8090</b> P255	<b>8030</b> P255	<b>8530</b> P256	<b>8740</b> P256	<b>8200</b> P257	<b>8020</b> P254	<b>8040</b> P255	<b>8540</b> P256
BSPT MALE	BSPP O RING MALE	NPT MALE	JIC / SAE MALE	JIC / SAE MALE	SAE INVERTED FLARE MALE	UN O RING MALE (O RING BOSS)	BSPP FEMALE	JIC / SAE FEMALE	JIC / SAE FEMALE
<b>8060</b> P254	<b>8050</b> P254	<b>8070</b> P255	<b>8570</b> P256	<b>8240</b> P255	<b>8900</b> P256	<b>8230</b> P256	<b>8180</b> P257	<b>8640</b> P257	<b>8100</b> P257
BSPP FEMALE 45° ELBOW	BSPP FEMALE 90° ELBOW	JIC / SAE FEMALE 90° ELBOW	JIC / SAE FEMALE 90° ELBOW	JIC FEMALE 90° TUBE BEND	JOINER	SALVAGE (LIFE SAVER)	IMPERIAL STANDPIPE	METRIC STANDPIPE	200 AIR COUPLING NIPPLE

**33000 (3300) SUCTION AND RETURN COUPLINGS FOR SR AND SRF SERIES HOSE**

33000 Series Couplings require a suitable Clamp around the outside of the hose.

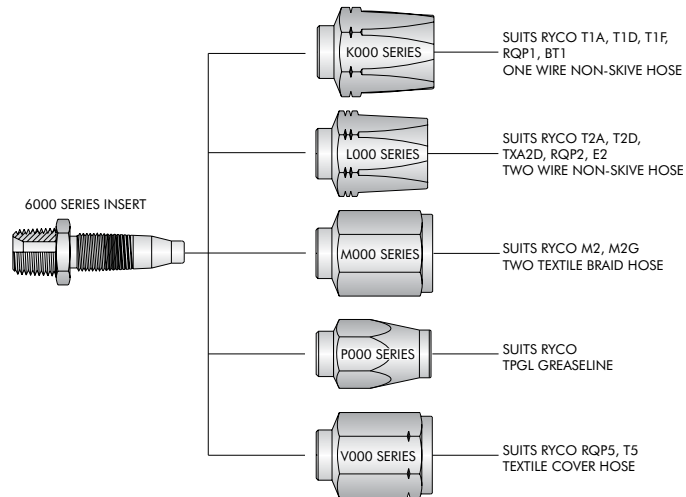
<b>RSC</b> P260	<b>33010</b> P258	<b>33111</b> P258	<b>33090</b> P259	<b>33200</b> P261	<b>33400</b> P258	<b>33410</b> P258	<b>33400N</b> P259	<b>33420</b> P261	<b>33020</b> P259
SUCTION HOSE CLAMP	BSPT MALE	BSPP O RING MALE	NPT MALE	UN O RING MALE (O RING BOSS)	BSPT MALE 90° ELBOW	BSPP O RING MALE 90° ELBOW	NPT MALE 90° ELBOW	UN O RING MALE (O RING BOSS) 90° ELBOW	BSPP FEMALE
<b>33024</b> P259	<b>33040</b> P259	<b>33130</b> P260	<b>33150</b> P260	<b>33170</b> P260					
BSPP FEMALE FLAT FACE	JIC FEMALE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND					

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### FIELD ATTACHABLE FERRULES FOR 6000 (600) SERIES INSERTS

The RYCO Field Attachable system consists of five 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.



K000 P276	L000 P276	V000 P264	M000 P276	P000 P276
SUITS RYCO T1A, T1D, T1F, RQP1 ONE WIRE NON-SKIVE HOSE	SUITS RYCO T2A, T2D, TXA2D, TJ2D, RQP2 TWO WIRE NON-SKIVE HOSE	SUITS RYCO RQP5, T5 TEXTILE COVER	SUITS RYCO M2 TWO TEXTILE BRAID HOSE	SUITS RYCO TPGL GREASELINE

### 6000 (600) SERIES FIELD ATTACHABLE INSERTS

6000 Series Inserts for K000, L000, V000, M000 and P000 ferrules. Common V000 Series are indicated in the bar above Insert Group designation eg. (V010). Where there are two page references, the second is the V000 Series page reference.

[V010]		[V090]			[V030]			[V530]	
<b>6010</b> P278/P264	<b>6320</b> P278	<b>6090</b> P280/P266	<b>6091</b> P280	<b>6320N</b> (632N)	<b>6860</b> P280	<b>6030</b> P282/P266	<b>6650</b> P284	<b>6630</b> P285	<b>6530</b> P286/P272
BSPT MALE	BSPT MALE SWIVEL	NPT MALE	NPT MALE EXTENDED	NPT MALE SWIVEL	GREASE LINE MALE	JIC MALE	METRIC DKL MALE 24° CONE	METRIC DKS MALE 24° CONE	SAE MALE
[V740]		[V200]		[V750]				[V770]	
<b>6740</b> P287/P273	<b>6200</b> P290/P275	<b>6380</b> P290	<b>6750</b> P287/P274	<b>6760</b> P287	<b>6340</b> P278	<b>6780</b> P287	<b>6790</b> P287	<b>6390</b> P290	<b>6770</b> P287/P274
SAE INVERTED MALE FLARE	UN O RING MALE (O RING BOSS)	UN O RING MALE SWIVEL (O RING BOSS)	SAE INVERTED MALE FLARE 45° TUBE BEND	SAE INVERTED MALE FLARE 60° TUBE BEND	BSPT MALE SWIVEL 90° ELBOW	SAE INVERTED MALE FLARE 90° ELBOW	SAE INVERTED MALE FLARE 90° EXTENDED ELBOW	UN O RING MALE SWIVEL (O RING BOSS) 90° ELBOW	SAE INVERTED MALE FLARE 90° TUBE BEND
[V020]			[V040]				[V800]		
<b>6020</b> P278/P264	<b>6024</b> P279	<b>6120</b> P279/283	<b>6960B</b> P280	<b>6861</b> P280	<b>6040</b> P282/P267	<b>6600</b> P284	<b>6711</b> P285	<b>6680</b> P284/P285	<b>6800</b> P286/P270
BSPP FEMALE	BSPP FEMALE FLAT FACE	BSPP FEMALE 60° CONCAVE SEAT (JIS)	NPSM FEMALE LIVE SWIVEL	GREASE LINE FIXED FEMALE	JIC FEMALE	METRIC DKL FEMALE 24°/60° CONE	METRIC DKOS FEMALE 24° CONE	METRIC FEMALE 60° CONCAVE SEAT (JIS) KOMATSU	ORFS FEMALE

**6000 (600) SERIES FIELD ATTACHABLE INSERTS (CONT)**

6000 Series Inserts for K000, L000, V000, M000 and P000 ferrules. Common V000 Series are indicated in the bar above Insert Group designation eg. (V010). Where there are two page references, the second is the V000 Series page reference.

[V540]				[V270]		[V250]		[V810]		[V550]	
<b>6540</b> P286/P272	<b>6060</b> P279	<b>6080</b> P282	<b>6580</b> P286	<b>6270</b> P279/P265	<b>6250</b> P283/P268	<b>6660</b> P284	<b>6720</b> P285	<b>6810</b> P286/P270	<b>6550</b> P287		
SAE FEMALE	BSPP FEMALE 45° ELBOW	JIC FEMALE 45° ELBOW	SAE FEMALE 45° ELBOW	BSPP FEMALE 45° TUBE BEND	JIC FEMALE 45° TUBE BEND	METRIC DKL FEMALE 24°/60° CONE 45° TUBE BEND	METRIC DKOS FEMALE 24° CONE 45° TUBE BEND	ORFS FEMALE 45° TUBE BEND	SAE FEMALE 45° TUBE BEND		
[V070]			[V260]			[V240]			[V280]		
<b>6050</b> P279	<b>6052</b> P279	<b>6070</b> P282/P268	<b>6570</b> P286	<b>6260</b> P279	<b>6210</b> P280	<b>6311</b> P279/P283	<b>6240</b> P283/P269	<b>6280</b> P283/P269	<b>6670</b> P284		
BSPP FEMALE 90° ELBOW	BSPP FEMALE FLAT FACE 90° ELBOW	JIC FEMALE 90° ELBOW	SAE FEMALE 90° ELBOW	BSPP FEMALE 90° TUBE BEND	BSPP FEMALE 90° LONG BEND	BSPP FEMALE 60° CONCAVE SEAT (JIS) 90° TUBE BEND	JIC FEMALE 90° TUBE BEND	JIC FEMALE 90° LONG BEND	METRIC DKL FEMALE 24°/60° CONE 90° TUBE BEND		
[V820]		[V830]		[V560]		[V230]					
<b>6730</b> P285	<b>6820</b> P286/P271	<b>6830</b> P286/P271	<b>6560</b> P287/P273	<b>6563</b> P287	<b>6130</b> P288	<b>6150</b> P288	<b>6170</b> P288	<b>6230</b> P289/P274	<b>6180</b> P289		
METRIC DKOS FEMALE 24° CONE 90° TUBE BEND	ORFS FEMALE 90° TUBE BEND	ORFS FEMALE 90° LONG BEND	SAE FEMALE 90° TUBE BEND	SAE FEMALE 90° LONG BEND	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND	SALVAGE (LIFESAVER)	IMPERIAL STANDPIPE		
<b>6640</b> P289	<b>6850</b> 289										
METRIC STANDPIPE	TUBE BITE										

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## INDEX BY END STYLE NUMBER

“Index by End Style Number” is a quick reference if the End Style Number is already known. It can also be used to show the availability of End Styles in different Coupling Series.

The following Coupling Series is not listed in this table:  
**1G000** see pages 252 & 253

**Example:**

End Style of “330” SAE Code 62 Flange is available in four Series:

**T7000** Series – **T7330** (page 230)

**T9000** Series – **T9330** (page 238)

**69000N** Series **9330N** (page 249)

END STYLE NO.		END STYLE DESCRIPTION	COUPLING SERIES & PAGE NUMBER											
NEW	PREV		T1000	T2000	T4000	T7000	T9000	TT000	TG000	69000N	8000	33000	V000	6000
<b>010</b>	01	BSPT Male	177	188	209	217	234	241	244	245	254	258	264	278 281
<b>010S</b>	01SS	Stainless Steel BSPT Male												
<b>013</b>	01P	BSPP Male	177	188	209	217	234							
<b>014</b>	01H	BSPT Male Heavy				217								
<b>017</b>	01C	BSPP Male Encapsulated Seal	177	188										
<b>020</b>	02	BSPP Female	177	188	209	217	234	241	244	245	254	259	264	278
<b>020N</b>	02N	NPSM Female	180	193	210	218			244					
<b>020S</b>	02SS	Stainless Steel BSPP Female												
<b>022</b>	02H	BSPP Female Heavy				217								
<b>024</b>	02F	BSPP Female Flat Face		189								259		279
<b>027</b>	02C	BSPP Female O Ring												
<b>028B</b>	02S	BSPP Female Live Swivel		189										
<b>030</b>	03	JIC Male	181	194	211	220	235	242	244	246	255		266	282
<b>030S</b>	03SS	Stainless Steel JIC Male												
<b>040</b>	04	JIC Female	181	194	211	220	235	242	244	246	255	259	267	282 281
<b>040S</b>	04SS	Stainless Steel JIC Female												
<b>042</b>	04H	JIC Female Heavy												
<b>045</b>	04V	JIC Female High-Pressure				220	235							
<b>050</b>	05	BSPP Female 90° Elbow	178	190	209	217	234	241		245	254			279
<b>052</b>	05F	BSPP Female Flat Face 90° Elbow												279
<b>060</b>	06	BSPP Female 45° Elbow	178	190		217					254			279
<b>070</b>	07	JIC Female 90° Elbow	181	194		220					255		268	282
<b>080</b>	08	JIC Female 45° Elbow	181	194		220								282
<b>090</b>	09	NPTF Male	180	192	210	218	234	242	244	246	255	259	266	280 281
<b>090S</b>	09SS	Stainless Steel NPTF Male												
<b>091</b>	09E	NPTF Male Extended		192		218	234							280
<b>100</b>	10	Specials									257			
<b>111</b>	11	BSPP O Ring Male									254	258		
<b>120</b>	12	BSPP Female 60° Concave Seat (JIS)	178 182	189 195	210 212									279 283
<b>130</b>	13	SAE Code 61 Flange		206	215	228	238			248		260		288
<b>130S</b>	13SS	Stainless Steel SAE Code 61 Flange												
<b>140</b>	14	SAE Code 61 Flange 22.5° Tube Bend				228								
<b>150</b>	15	SAE Code 61 Flange 45° Tube Bend		206	215	228	238			248		260		288
<b>160</b>	16	SAE Code 61 Flange 67.5° Tube Bend				229								
<b>170</b>	17	SAE Code 61 Flange 90° Tube Bend		206	215	229	238			248		260		288



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			T1000	T2000	T4000	T7000	T9000	TT000	TG000	69000N	8000	33000	V000	6000		
NEW	PREV															
<b>170S</b>	17SS	Stainless Steel SAE Code 61 Flange 90° Tube Bend														
<b>171</b>	17A	SAE Code 61 Flange 90° Special Tube Bend					229									
<b>172</b>	17B	SAE Code 61 Flange 90° Special Tube Bend					230									
<b>173</b>	17L	SAE Code 61 Flange 90° Long Tube Bend					230									
<b>174</b>	17D	SAE Code 61 Flange 90° Special Tube Bend					230									
<b>180</b>	18	Imperial Standpipe		207								257				289
<b>190</b>	19	NPT Female Fixed		193												
<b>200</b>	20	UN O Ring Male (O Ring Boss)	187	208		233						257	261	275	290	
<b>210</b>	21	BSPP Female 90° Long Tube Bend	179	191		218										280
<b>220</b>	22	BSPP Male 60° Convex Seat (JIS)		189 195												
<b>230</b>	23	Salvage / Lifesaver	186	207	216	233	240					256		274	289	
<b>231S</b>	23SS	Stainless Steel Salvage / Lifesaver														
<b>240</b>	24	JIC Female 90° Medium Tube Bend	182	195	212	221	235	242			246	255		269	283	
<b>240S</b>	24SS	Stainless Steel JIC Female 90° Tube Bend														
<b>243</b>	24S	JIC Female 90° Short Tube Bend	182	195	212	221	235									
<b>245</b>	24V	JIC Female High-Pressure 90° Tube Bend				221	235									
<b>250</b>	25	JIC Female 45° Tube Bend	182	195	211	221	235	242			246			268	283	
<b>255</b>	25V	JIC Female High-Pressure 45° Tube Bend					235									
<b>260</b>	26	BSPP Female 90° Tube Bend	179	191	209	218	234	241						265	279	
<b>260S</b>	26SS	Stainless Steel BSPP Female 90° Tube Bend														
<b>270</b>	27	BSPP Female 45° Tube Bend	179	191		218								265	279	
<b>270S</b>	27SS	Stainless Steel BSPP Female 45° Tube Bend														
<b>280</b>	28	JIC Female 90° Long Tube Bend	182	195	212	221								269	283	
<b>290</b>	29	SAE Code 61 Flange 30° Tube Bend					229									
<b>300</b>	30	SAE Code 61 Flange 60° Tube Bend					228									
<b>311</b>	31	BSPP Female 60° Concave (JIS) 90° Tube Bend														279 283
<b>320</b>	32	BSPT Male Swivel	178	189	209			241	244							278 281
<b>320N</b>	32N	NPTF Male Swivel	180	192	210				244							281
<b>330</b>	33	SAE Code 62 Flange				230	238				249					
<b>330S</b>	33SS	Stainless Steel SAE Code 62 Flange														
<b>333</b>	33C	RYCO Code 62C Flange				231	239				249					
<b>335</b>	33K	RYCO Code 62K Flange									250					
<b>340</b>	34	BSPT Male Swivel 90° Elbow	178	189												278
<b>340N</b>	34N	NPTF Male Swivel 90° Elbow	180	192												
<b>350</b>	35	SAE Code 62 Flange 45° Tube Bend				230	238				249					
<b>353</b>	35C	RYCO Code 62C Flange 45° Tube Bend				231	239				249					
<b>355</b>	35K	RYCO Code 62K Flange 45° Tube Bend									250					
<b>359</b>	35KL	RYCO Code 62K Flange 45° Long Tube Bend														
<b>360</b>	36	SAE Code 62 Flange 67.5° Tube Bend				231	239									
<b>363</b>	36C	RYCO Code 62C Flange 67.5° Tube Bend				232	240									
<b>370</b>	37	SAE Code 62 Flange 90° Tube Bend				231	239				249					
<b>370S</b>	37SS	Stainless Steel SAE Code 62 Flange 90° Tube Bend														
<b>371</b>	37A	SAE Code 62 Flange 90° Long Tube Bend									249					
<b>373</b>	37C	RYCO Code 62C Flange 90° Tube Bend				232	240				249					

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NEW	PREV		T1000	T2000	T4000	T7000	T9000	TT000	TG000	69000N	8000	33000	V000	6000
<b>375</b>	37K	RYCO Code 62K Flange 90° Tube Bend								250				
<b>380</b>	38	UN O Ring Male Swivel (O Ring Boss)	187	208										290
<b>390</b>	39	UN O Ring (Boss) Male Swivel 90° Elbow	187	208										290
<b>400</b>	40	BSPT Male 90° Elbow										258		
<b>400N</b>	40N	NPTF Male 90° Elbow										259		
<b>410</b>	41	BSPP O Ring Male 90° Elbow										258		
<b>420</b>	42	UN O Ring Male 90° Elbow										261		
<b>440</b>	44	SAE Code 62 Flange 22.5° Tube Bend				230	238							
<b>443</b>	44C	RYCO Code 62C Flange 22.5° Tube Bend				231	239							
<b>445</b>	44K	RYCO Code 62K Flange 22.5° Tube Bend								250				
<b>450</b>	45	SAE Code 62 Flange 30° Tube Bend				230	238							
<b>453</b>	45C	RYCO Code 62C Flange 30° Tube Bend				231	239							
<b>460</b>	46	SAE Code 62 Flange 60° Tube Bend				231	239							
<b>463</b>	46C	RYCO Code 62C Flange 60° Tube Bend				232	240							
<b>470</b>	47A	Metric Banjo Straight		200										
<b>475</b>	47B	BSP Banjo Straight		190										
<b>480</b>	48	RYCO WEO Male		204		226								
<b>482</b>	48B	RYCO WEO Male 45° Tube Bend		204		226								
<b>483</b>	48C	RYCO WEO Male 90° Tube Bend		204		226								
<b>501</b>	50	DKOL Female	183	197		222								
<b>501</b>	50R	DKOL Female (Round Bar)	183	197		222								
<b>510</b>	51	DKOL Female 45° Tube Bend	183	197										
<b>520</b>	52	DKOL Female 90° Tube Bend	183	197										
<b>530</b>	53	SAE Male	186	205	214					256		272	286	
<b>540</b>	54	SAE Female	186	205	214		243			256		272	286	
<b>550</b>	55	SAE Female 45° Tube Bend			214							273	287	
<b>560</b>	56	SAE Female 90° Tube Bend			214							273	287	
<b>563</b>	56L	SAE Female 90° Long Tube Bend												287
<b>570</b>	57	SAE Female 90° Elbow	186	205	214					256				286
<b>580</b>	58	SAE Female 45° Elbow	186	205										286
<b>590</b>	59													
<b>600</b>	60	DKL Female		197				243						284
<b>610</b>	61	DKM Female 60° Seat												
<b>620</b>	62	DKS Female												
<b>630</b>	63	DKS Male	184	198	223	223	236		247					285
<b>640</b>	64	Metric Standpipe		207		232				257				289
<b>643</b>	64B	Metric Standpipe 45° Tube Bend		207		232								
<b>646</b>	64C	Metric Standpipe 90° Tube Bend		207		232								
<b>650</b>	65	DKL Male	183	196										284
<b>660</b>	66	DKL Female 45° Tube Bend		197										284
<b>670</b>	67	DKL Female 90° Tube Bend		197				243						284
<b>680</b>	68	Metric Female 60° Concave Seat (JIS)	183 184	196 200		222 224								284 285
<b>682</b>	68B	Metric Female 60° Concave Seat (JIS) 45° Bend												
<b>683</b>	68C	Metric Female 60° Concave Seat (JIS) 90° Bend												

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NEW	PREV		T1000	T2000	T4000	T7000	T9000	TT000	TG000	69000N	8000	33000	V000	6000
<b>690</b>	69	DKS Female 45° Tube Bend												
<b>700</b>	70	DKS Female 90° Tube Bend												
<b>711</b>	71	DKOS Female	184	198		223	236			247				285
<b>711</b>	71R	DKOS Female (Round Bar)	184	198		223	236			247				285
<b>720</b>	72	DKOS Female 45° Tube Bend	184	198		223	236			247				285
<b>730</b>	73	DKOS Female 90° Tube Bend	184	198		223	236			247				285
<b>740</b>	74	SAE Inverted Flare Male		205	214						256		273	287
<b>750</b>	75	SAE Inverted Flare Male 45° Tube Bend		205	214								274	287
<b>760</b>	76	SAE Inverted Flare Male 60° Tube Bend		205										287
<b>770</b>	77	SAE Inverted Flare Male 90° Tube Bend		205	214								274	287
<b>780</b>	78	SAE Inverted Flare Male 90° Elbow		205										287
<b>790</b>	79	SAE Inverted Flare Male 90° Long Elbow		205										287
<b>800</b>	80	ORFS Female	185	201	213	225	236			247			270	286
<b>810</b>	81	ORFS Female 45° Tube Bend	185	202	213	225	236			247			270	286
<b>813</b>	81S	ORFS Female 45° Short Tube Bend												
<b>820</b>	82	ORFS Female 90° Medium Tube Bend	185	202	213	225	236			247			271	286
<b>823</b>	82S	ORFS Female 90° Short Tube Bend	185	202		225								
<b>830</b>	83	ORFS Female 90° Long Tube Bend	185	202		225							271	286
<b>840</b>	84	ORFS Male	185	201	213	225				247				
<b>850</b>	85	Tube Bite		208	216									289
<b>860</b>	86M	Grease Line Male												280
<b>861</b>	86	Grease Line Fixed Female		194										280
<b>870</b>	87	STAPLELOK Male		204		227	237			250				
<b>870S</b>	87SS	STAPLELOK Male Stainless Steel												
<b>871</b>	88	STAPLELOK Male 45° Elbow		204		227	237			250				
<b>872</b>	89	STAPLELOK Male 90° Elbow		204		227	237			250				
<b>876</b>	87S	SUPERLOK Male				227	237			250				
<b>876S</b>	87SSS	Stainless Steel SUPERLOK Male												
<b>880</b>	88	RYCO CROCBITE Male		193		219	235			246				
<b>880A</b>	88	RYCO CROCBITE Male HIGH FLOW		194		219								
<b>881</b>	—	RYCO CROCBITE Male 45° Elbow		193		219	235			246				
<b>881A</b>	—	RYCO CROCBITE Male 45° HIGH FLOW				219								
<b>882</b>	—	RYCO CROCBITE Male 90° Elbow		193		219	235			246				
<b>882A</b>	—	RYCO CROCBITE Male 90° Elbow HIGH FLOW				219								
<b>890</b>	89	RYCO RKVF Male HIGH FLOW		203		226								
<b>894</b>	—	RYCO RKVF Female HIGH FLOW		203		226								
<b>896</b>	89	RYCO RKVP Male		203		226	236			247				
<b>899</b>	—	RYCO RKVP Female		203		226	236			247				
<b>900</b>	90	Joiner	183	196		222				246	256			
<b>910</b>	91	SAE Code 61 Flange 110° Tube Bend				230	238							
<b>920</b>	92	Metric French GAZ Male		199		223								
<b>921</b>	92F	Metric French GAZ Female		199		223								
<b>922</b>	92H	Metric French GAZ Female 45° Tube Bend												
<b>923</b>	92G	Metric French GAZ Female 90° Tube Bend		199		223								
<b>924</b>	92M	Metric French Millimetric Male		199		224								

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NEW	PREV		T1000	T2000	T4000	T7000	T9000	TT000	TG000	69000N	8000	33000	V000	6000
<b>925</b>	92N	Metric French Millimetric Female		199		224								
<b>930</b>	93	SAE Code 62 Flange 110° Tube Bend				231	239							
<b>933</b>	93C	RYCO Code 62C Flange 110° Tube Bend				232	240							
<b>940</b>	94	Pressure Washer Female		202										
<b>950</b>	95	Pressure Washer Gun Handle Tube		202										
<b>960B</b>	96	NPSM Female Live Swivel												280
<b>1501</b>	501	Figure 1502 Hammer Union Female (male thread)				233	240			251				
<b>1502</b>	502	Figure 1502 Hammer Union Male (with nut)				233	240			251				
<b>1502A</b>	502A	Figure 1502 Hammer Union Male (reduced head dia.)												
<b>P010</b>	P01	Pilot O Ring Male												
<b>P020</b>	P02	Pilot O Ring Female												
<b>P050</b>	P05	Pilot O Ring Female 90° Elbow												
<b>P240</b>	P24	Pilot O Ring Female 90° Elbow Short												
<b>P340</b>	P34	Pilot O Ring Male 90° Elbow												

### EXAMPLES OF PREVIOUS TO NEW HOSE COUPLING PART NUMBERS

EXAMPLE #1	NEW	PREVIOUS
Part #	<b>T2020N-0808</b>	T202N-0808
End Style #	<b>020N</b>	02N
EXAMPLE #2	NEW	PREVIOUS
Part #	<b>T7240-1217</b>	T724-1217
End Style #	<b>240</b>	24
EXAMPLE #3	NEW	PREVIOUS
Part # (insert only)	<b>9333N-2424</b>	933CN-2424
Part # (coupling)	<b>69333N-2424</b>	6933CN-2424
End Style #	<b>333</b>	<b>33C</b>

## WORKING PRESSURE OF HOSE ASSEMBLIES

Working Pressure of each Hose Coupling End Style Termination is shown in the Technical section. In most cases, the Working Pressure of the Hose Coupling End Style Termination that can be chosen for a particular hose exceeds the Maximum Working Pressure of the Hose. It is possible however, to select a Hose Coupling with an End Style having a lower Working Pressure than the Hose. In this case, as noted in SAE J516 and SAE J517, the rated Working Pressure of the Hose Assembly must not exceed the lower of the respective Working Pressure rated values.

### EXAMPLE 1.

**T28A** Hose Assembly with **T2040-0812** coupling one end and **T2090-0808** coupling other end.

From page 92, Maximum Working Pressure of **T28A** is 350 bar.

From page 194, Maximum Working Pressure of **T2040-0812** is 690 bar.

From page 192, Maximum Working Pressure of **T2090-0808** is 690 bar.

The Maximum Working Pressure of the Hose Assembly is therefore 350 bar, the lowest of the respective Maximum Working Pressure rated values (in this case, the hose).

### EXAMPLE 2.

**H5016D** Hose Assembly with **T7130-1620** coupling one end and **T7030-1621** coupling other end.

From page 83, Maximum Working Pressure of **H5016D** is 350 bar.

From page 228, Maximum Working Pressure of **T7130-1620** is 280 bar.

From page 220, Maximum Working Pressure of **T7030-1621** is 420 bar.

The Maximum Working Pressure of the Hose Assembly is therefore 280 bar, the lowest of the respective Maximum Working Pressure rated values (in this case, the **T7130-1620**).

## 33000 SERIES COUPLINGS FOR SR AND SRF SERIES HOSE

The Maximum Working Pressure of a **SR** or **SRF** Series Hose Assembly depends on the couplings used, and the method of attachment. See pages 120 and 121.

**33000** Series Couplings with **RSC** Clamps are suited to Suction Applications, and Low Pressure Delivery (up to 25% of Maximum Working Pressure of the hose).

**T4000** Bitelok One-Piece Crimp Couplings are suited to Suction Applications, and High Pressure Delivery (up to 100% of Maximum Working Pressure of the hose).

### EXAMPLE:

**SRF20** Hose Assembly with **33020-2020** Couplings each end secured with **RSC-4347** Clamps.

From page 121, Maximum Working Pressure of **SRF20** hose is 14 bar.

From page 259, Maximum Working Pressure of **33020-2020** coupling is 215 bar.

Maximum Working Pressure of the Hose Assembly is 25% of 14 bar = 3,5 bar.

If this Hose Assembly was made with **T4020-2020** Bitelok One-Piece Crimp Couplings instead:

From page 120, Maximum Working Pressure of **SR20** hose is 14 bar.

From page 209, Maximum Working Pressure of **T4020-2020** coupling is 215 bar.

Maximum Working Pressure of the Hose Assembly is 100% of 14 bar = 14 bar.

## 8000 SERIES COUPLINGS FOR PL1 AND RQP6 SERIES HOSE

**PL1**, **PL1D** and **RQP6** Series hose, and **8000** Series Push-On Fittings, are recommended for use in systems with Static Working Pressures (constant loads without pressure spikes) only. They are not recommended for vibration or pressure surge applications.

**PL1**, **PL1D** and **RQP6** Series hose should not be used at both maximum working pressure and maximum temperature simultaneously.

**8000** Series Push-On pages 254 to 257.

Assembly Instructions page 503.

**PL1**, **PL1D** and **RQP6** Series hose simply pushes on to **8000** Series Couplings, and for Static Working Pressures up to 50% of Maximum Static Working Pressures a clamp is not required. For diesel fuel and other potentially dangerous or critical applications, and Static Working Pressures above 50% of maximum; a clamp around the hose is required. Do not overtighten clamp as this will damage hose. Factory crimped couplings are also available in some sizes. Contact RYCO for more information.

## DROP LENGTH & CUT-OFF ALLOWANCE DIMENSIONS FOR COUPLINGS

In this Product Technical Manual, dimensional values for Drop Length (DL) and Cut-off Allowance ( $C_A$ ) are published.

Due to different manufacturing methods and design changes, DL and  $C_A$  values may vary from time to time.

Before attaching couplings to the hose, measure and check that the DL and  $C_A$  dimensions of the actual coupling to be used complies with that published, or is suitable for the application.

# COUPLINGS

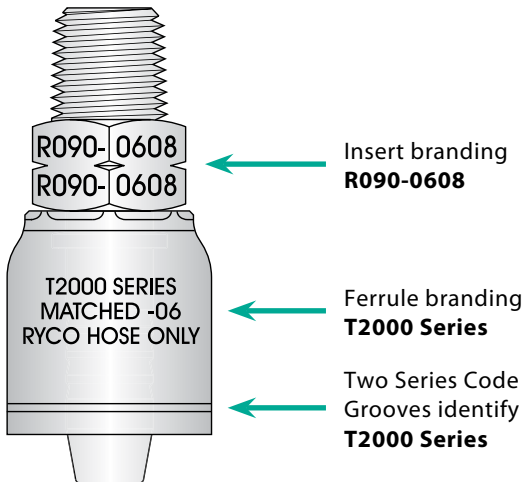
## INFORMATION

### RYCO BITELOK T1000, T2000, T4000, T7000 AND TT000 SERIES COUPLINGS

Branding of T1000, T2000, T4000, T7000 and TT000 Couplings shows a universal prefix "R".

T1000 has one identification groove, T2000 has two grooves, T4000 has three grooves, T7000 has four grooves and TT000 has two grooves (one at the top and one at the bottom of the ferrule) branded on the ferrule (body) of the Couplings signifying their series designation.

#### T2000 EXAMPLE



← Insert branding  
**R090-0608**

← Ferrule branding  
**T2000 Series**

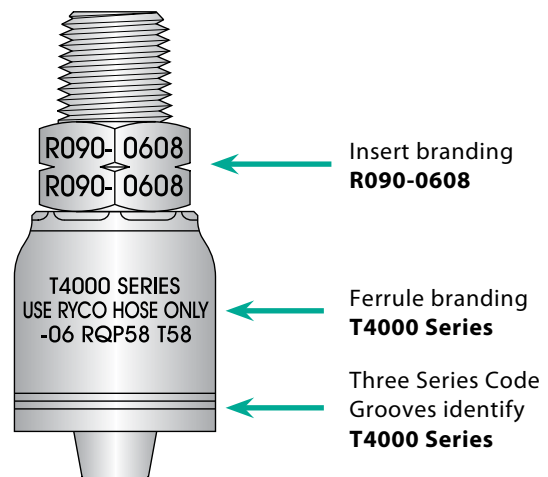
← Two Series Code Grooves identify  
**T2000 Series**

To complete the Part Number for Coupling:  
Insert Part Branding is **R090-0608**

Series is **T2000** (from **T2000** Ferrule Branding or Two Series Code Grooves)

Simply replace "R" of Insert Part Branding with "T2"  
(first two characters of Series): **T2090-0608**

#### T4000 EXAMPLE



← Insert branding  
**R090-0608**

← Ferrule branding  
**T4000 Series**

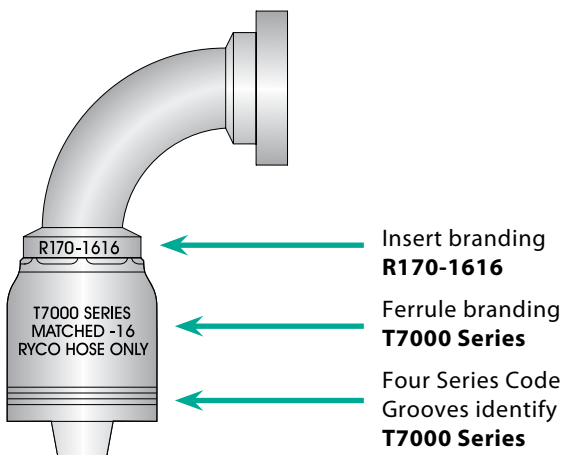
← Three Series Code Grooves identify  
**T4000 Series**

To complete the Part Number for Coupling:  
Insert Part Branding is **R090-0608**

Series is **T4000** (from **T4000** Ferrule Branding or Three Series Code Grooves)

Simply replace "R" of Insert Part Branding with "T4"  
(first two characters of Series): **T4090-0608**

#### T7000 EXAMPLE



← Insert branding  
**R170-1616**

← Ferrule branding  
**T7000 Series**

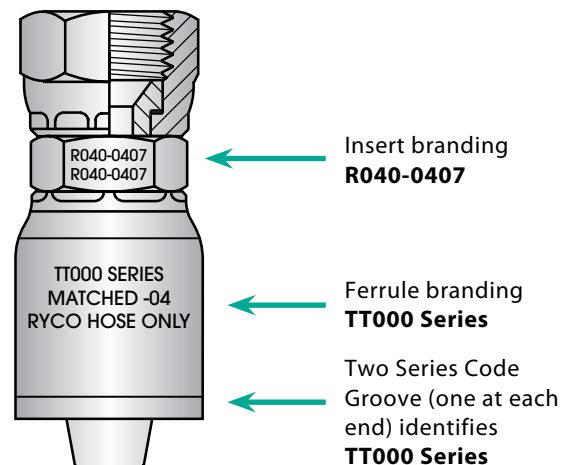
← Four Series Code Grooves identify  
**T7000 Series**

To complete the Part Number for Coupling:  
Insert Part Branding is **R170-1616**

Series is **T7000** (from **T7000** Ferrule Branding or Four Series Code Grooves)

Simply replace "R" of Insert Part Branding with "T7"  
(first two characters of Series): **T7170-1616**

#### TT000 EXAMPLE



← Insert branding  
**R040-0407**

← Ferrule branding  
**TT000 Series**

← Two Series Code Groove (one at each end) identifies  
**TT000 Series**

To complete the Part Number for Coupling:  
Insert Part Branding is **R040-0407**

Series is **TT000** (from Two Series Code Groove, one at each end)

Simply replace "R" of Insert Part Branding with "TT"  
(first two characters of Series): **TT040-0407**

## T1000 SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### HOSE COMPATIBILITY FOR T1000 SERIES

#### NON-SKIVE

For RYCO Hose Series T3000A, T3000D, T3000S, T3600A, T3600D, T3600S all sizes.  
For RYCO Hose Series TP7, TP7N, TP7T, TP7TN, TP8, TP8N, TP8T, TP8TN all sizes.

#### BSP

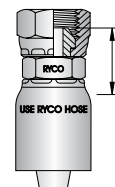
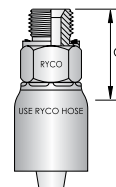
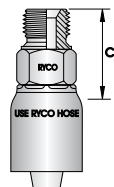
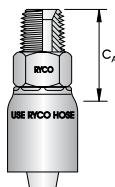
#### T1010

#### T1013

#### T1017

#### T1020

60° SEAT  
EXCEPT T1017  
ENCAPSULATED SEAL  
INCLUDED



HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE	BSPP MALE	BSPP MALE ENCAPSULATED SEAL	BSPP FEMALE				
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	1/8	-0402	<b>T1010-0402</b>	25					<b>T1020-0402</b>	23
6	1/4	1/4	-0404	<b>T1010-0404</b>	30	<b>T1013-0404</b>	27	<b>T1017-0404</b>	30	<b>T1020-0404</b>	24
6	1/4	3/8	-0406	<b>T1010-0406</b>	30					<b>T1020-0406</b>	26
6	1/4	1/2	-0408	<b>T1010-0408</b>	32						
8	5/16	1/4	-0504			<b>T1013-0504</b>	25			<b>T1020-0504</b>	22
8	5/16	3/8	-0506	<b>T1010-0506</b>	25	<b>T1013-0506</b>	25			<b>T1020-0506</b>	24
8	5/16	1/2	-0508	<b>T1010-0508</b>	32						
10	3/8	1/4	-0604	<b>T1010-0604</b>	33					<b>T1020-0604</b>	22
10	3/8	3/8	-0606	<b>T1010-0606</b>	33	<b>T1013-0606</b>	33	<b>T1017-0606</b>	33	<b>T1020-0606</b>	26
10	3/8	1/2	-0608	<b>T1010-0608</b>	38	<b>T1013-0608</b>	32			<b>T1020-0608</b>	28
12	1/2	3/8	-0806	<b>T1010-0806</b>	35					<b>T1020-0806</b>	25
12	1/2	1/2	-0808	<b>T1010-0808</b>	40	<b>T1013-0808</b>	31	<b>T1017-0808</b>	37	<b>T1020-0808</b>	26
12	1/2	3/4	-0812							<b>T1020-0812</b>	30
16	5/8	1/2	-1008	<b>T1010-1008</b>	41					<b>T1020-1008</b>	27
16	5/8	5/8	-1010	<b>T1010-1010</b>	41	<b>T1013-1010</b>	34			<b>T1020-1010</b>	26
16	5/8	3/4	-1012	<b>T1010-1012</b>	41	<b>T1013-1012</b>	40			<b>T1020-1012</b>	28
19	3/4	3/4	-1212	<b>T1010-1212</b>	41	<b>T1013-1212</b>	40	<b>T1017-1212</b>	40	<b>T1020-1212</b>	28
19	3/4	1	-1216	<b>T1010-1216</b>	46					<b>T1020-1216</b>	33
25	1	1	-1616	<b>T1010-1616</b>	48	<b>T1013-1616</b>	45	<b>T1017-1616</b>	45	<b>T1020-1616</b>	37
25	1	1.1/4	-1620							<b>T1020-1620</b>	40

INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

ACCESSORIES

FILTERS

TECHNICAL

# COUPLINGS

## T1000 SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

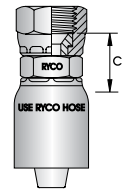
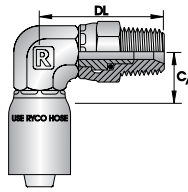
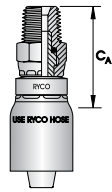
BSP

T1320

T1340

T1120

60° SEAT  
SPECIAL SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE SWIVEL	BSPT MALE SWIVEL 90° ELBOW	BSPT MALE SWIVEL 90° ELBOW		BSPP FEMALE 60° CONCAVE SEAT (JIS)		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>
6	1/4	1/4	-0404						<b>T1120-0404</b>	21
10	3/8	1/4	-0604							
10	3/8	3/8	-0606	<b>T1320-0606</b>	49	<b>T1340-0606</b>	23	44	<b>T1120-0606</b>	22
10	3/8	1/2	-0608	<b>T1320-0608</b>	53	<b>T1340-0608</b>	23	48		
12	1/2	1/2	-0808	<b>T1320-0808</b>	55	<b>T1340-0808</b>	29	50	<b>T1120-0808</b>	27
19	3/4	3/4	-1212			<b>T1340-1212</b>	30	54	<b>T1120-1212</b>	26
25	1	1	-1616						<b>T1120-1616</b>	32

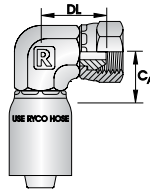
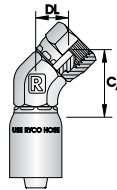
**NOTE:** These "Live Swivel" T1320 and T1340 Series Couplings are for Maximum Working Pressure: 420 bar (6100 psi): -04 & -06 Thread Size, 350 bar (5100 psi): -08 Thread Size, 280 bar (4100 psi): -12 Thread Size, 215 bar (3100 psi): -16 Thread Size. Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement. This **T1120** Series Coupling is also listed in the **METRIC** section on page 182.

BSP

T1060

T1050

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPP FEMALE 45° ELBOW	BSPP FEMALE 90° ELBOW	BSPP FEMALE 90° ELBOW		BSPP FEMALE 90° ELBOW	
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404	<b>T1060-0404</b>	30	15	<b>T1050-0404</b>	21	24
6	1/4	3/8	-0406				<b>T1050-0406</b>	21	28
8	5/16	3/8	-0506				<b>T1050-0506</b>		
10	3/8	3/8	-0606	<b>T1060-0606</b>	36	18	<b>T1050-0606</b>	23	28
10	3/8	1/2	-0608				<b>T1050-0608</b>	23	31
12	1/2	1/2	-0808	<b>T1060-0808</b>	40	18	<b>T1050-0808</b>	29	31
19	3/4	3/4	-1212	<b>T1060-1212</b>	44	20	<b>T1050-1212</b>	30	36
25	1	1	-1616	<b>T1060-1616</b>	51	23	<b>T1050-1616</b>	32	40

**NOTE:** Hose Compatibility for the **T1000** series can be found on page 177.



## T1000 SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

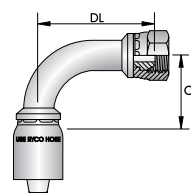
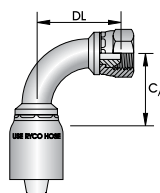
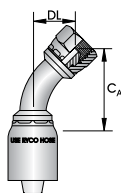
**BSP**

**T1270**

**T1260**

**T1210**

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPP FEMALE 45° TUBE BEND			BSPP FEMALE 90° TUBE BEND			BSPP FEMALE 90° LONG BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404	<b>T1270-0404</b>	34	16	<b>T1260-0404</b>	27	29	<b>T1210-0404</b>	25	47
6	1/4	3/8	-0406				<b>T1260-0406</b>	27	28			
8	5/16	1/4	-0504				<b>T1260-0504</b>	28	29			
8	5/16	3/8	-0506	<b>T1270-0506</b>	44	19	<b>T1260-0506</b>	35	34			
10	3/8	3/8	-0606	<b>T1270-0606</b>	43	18	<b>T1260-0606</b>	35	33	<b>T1210-0606</b>	32	55
10	3/8	1/2	-0608	<b>T1270-0608</b>	45	19	<b>T1260-0608</b>	34	33			
12	1/2	1/2	-0808	<b>T1270-0808</b>	49	22	<b>T1260-0808</b>	40	45	<b>T1210-0808</b>	38	70
16	5/8	5/8	-1010	<b>T1270-1010</b>	55	23	<b>T1260-1010</b>	49	50	<b>T1210-1010</b>	44	81
16	5/8	3/4	-1012	<b>T1270-1012</b>	58	28						
19	3/4	3/4	-1212	<b>T1270-1212</b>	70	29	<b>T1260-1212</b>	55	58	<b>T1210-1212</b>	52	96
25	1	1	-1616	<b>T1270-1616</b>	85	41	<b>T1260-1616</b>	67	77	<b>T1210-1616</b>	65	116

**NOTE:** Hose Compatibility for the **T1000** series can be found on page 177.

# COUPLINGS

## T1000 SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

NPT

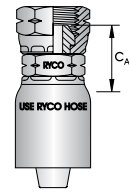
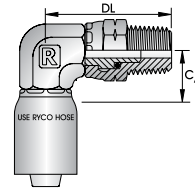
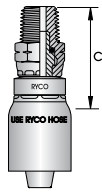
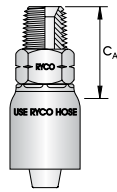
T1090

T1320N

T1340N

T1020N

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	NPT MALE		NPT MALE SWIVEL		NPT MALE SWIVEL 90° ELBOW			NPSM FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>
6	1/4	1/8	-0402	<b>T1090-0402</b>	25	<b>T1320N-0402</b>	39				<b>T1020N-0402</b>	21
6	1/4	1/4	-0404	<b>T1090-0404</b>	30	<b>T1320N-0404</b>	39	<b>T1340N-0404</b>	21	41	<b>T1020N-0404</b>	24
6	1/4	3/8	-0406	<b>T1090-0406</b>	30	<b>T1320N-0406</b>	41					
6	1/4	1/2	-0408	<b>T1090-0408</b>	32							
8	5/16	1/4	-0504	<b>T1090-0504</b>	30							
8	5/16	3/8	-0506	<b>T1090-0506</b>	30							
10	3/8	1/4	-0604	<b>T1090-0604</b>	33	<b>T1320N-0604</b>	39				<b>T1020N-0604</b>	22
10	3/8	3/8	-0606	<b>T1090-0606</b>	33	<b>T1320N-0606</b>	41	<b>T1340N-0606</b>	23	41	<b>T1020N-0606</b>	27
10	3/8	1/2	-0608	<b>T1090-0608</b>	38	<b>T1320N-0608</b>	45				<b>T1020N-0608</b>	28
12	1/2	3/8	-0806	<b>T1090-0806</b>	35	<b>T1320N-0806</b>	42					
12	1/2	1/2	-0808	<b>T1090-0808</b>	40	<b>T1320N-0808</b>	46	<b>T1340N-0808</b>	29	51	<b>T1020N-0808</b>	29
12	1/2	3/4	-0812	<b>T1090-0812</b>	37							
16	5/8	1/2	-1008	<b>T1090-1008</b>	41							
16	5/8	3/4	-1012	<b>T1090-1012</b>	41							
19	3/4	1/2	-1208	<b>T1090-1208</b>	41							
19	3/4	3/4	-1212	<b>T1090-1212</b>	41	<b>T1320N-1212</b>	47	<b>T1340N-1212</b>	30	56	<b>T1020N-1212</b>	28
19	3/4	1	-1216	<b>T1090-1216</b>	43							
25	1	3/4	-1612	<b>T1090-1612</b>	43							
25	1	1	-1616	<b>T1090-1616</b>	48	<b>T1320N-1616</b>	58	<b>T1340N-1616</b>	32	69	<b>T1020N-1616</b>	33
25	1	1.1/4	-1620	<b>T1090-1620</b>	46							

**NOTE:** These "Live Swivel" T1320N and T1340N Series Couplings are for Maximum Working Pressure: 420 bar (6100 psi): -04 & -06 Thread Size, 350 bar (5100 psi): -08 Thread Size, 280 bar (4100 psi): -12 Thread Size, 215 bar (3100 psi): -16 Thread Size. Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

**NOTE:** Hose Compatibility for the T1000 series can be found on page 177.

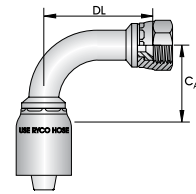
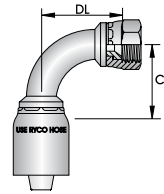
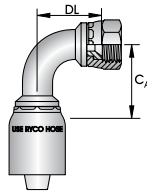
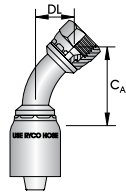


# COUPLINGS

## T1000 SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### JIC T1250 T1243 T1240 T1280

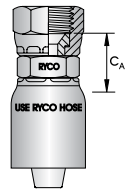
37° FLARE



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° TUBE BEND	JIC FEMALE 90° SHORT BEND	JIC FEMALE 90° MEDIUM BEND	JIC FEMALE 90° LONG BEND									
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	<b>T1250-0407</b>	31	10	<b>T1243-0407</b>	27	21	<b>T1240-0407</b>	26	32	<b>T1280-0407</b>	43	47
6	1/4	1/2	5/16	-0408	<b>T1250-0408</b>	40	12				<b>T1240-0408</b>	26	32			
6	1/4	9/16	3/8	-0409	<b>T1250-0409</b>	40	12	<b>T1243-0409</b>	27	22	<b>T1240-0409</b>	26	38	<b>T1280-0409</b>	47	54
8	5/16	9/16	3/8	-0509	<b>T1250-0509</b>	39	11				<b>T1240-0509</b>	35	38			
10	3/8	9/16	3/8	-0609	<b>T1250-0609</b>	39	11	<b>T1243-0609</b>	31	23	<b>T1240-0609</b>	35	38	<b>T1280-0609</b>	52	54
10	3/8	3/4	1/2	-0612	<b>T1250-0612</b>	42	15	<b>T1243-0612</b>	31	29	<b>T1240-0612</b>	35	41	<b>T1280-0612</b>	62	64
12	1/2	3/4	1/2	-0812	<b>T1250-0812</b>	45	15	<b>T1243-0812</b>	43	29	<b>T1240-0812</b>	41	41	<b>T1280-0812</b>	53	64
12	1/2	7/8	5/8	-0814	<b>T1250-0814</b>	48	18	<b>T1243-0814</b>	43	33	<b>T1240-0814</b>	41	47	<b>T1280-0814</b>	54	70
12	1/2	1.1/16	3/4	-0817	<b>T1250-0817</b>	47	21				<b>T1240-0817</b>	41	45			
16	5/8	3/4	3/8	-1012							<b>T1240-1012</b>	43	41			
16	5/8	7/8	5/8	-1014	<b>T1250-1014</b>	50	19	<b>T1243-1014</b>	43	32	<b>T1240-1014</b>	48	42	<b>T1280-1014</b>	51	70
16	5/8	1.1/16	3/4	-1017	<b>T1250-1017</b>	54	24	<b>T1243-1017</b>	43	48	<b>T1240-1017</b>	48	58	<b>T1280-1017</b>	51	96
19	3/4	7/8	5/8	-1214							<b>T1240-1214</b>	48	48			
19	3/4	1.1/16	3/4	-1217	<b>T1250-1217</b>	65	22	<b>T1243-1217</b>	56	48	<b>T1240-1217</b>	55	57	<b>T1280-1217</b>	56	96
19	3/4	1.5/16	1	-1221	<b>T1250-1221</b>	74	28				<b>T1240-1221</b>	56	71			
25	1	1.5/16	1	-1621	<b>T1250-1621</b>	77	30	<b>T1243-1621</b>	64	58	<b>T1240-1621</b>	68	72	<b>T1280-1621</b>	75	114
25	1	1.5/8	1.1/4	-1626							<b>T1240-1626</b>	68	78			

### JIS T1120

JAPANESE INDUSTRIAL STANDARD (JIS)  
BSPP THREAD FORM  
60° CONVEX / CONCAVE SEAT



HOSE SIZE	THRD SIZE	DASH SIZE	BSPP FEMALE 60° CONCAVE SEAT (JIS)		
DN	inch	inch	PART NO	C <sub>A</sub>	
6	1/4	1/4	-0404	<b>T1120-0404</b>	21
10	3/8	3/8	-0606	<b>T1120-0606</b>	22
10	3/8	1/2	-0608	<b>T1120-0608</b>	26
12	1/2	1/2	-0808	<b>T1120-0808</b>	27
19	3/4	3/4	-1212	<b>T1120-1212</b>	26
25	1	1	-1616	<b>T1120-1616</b>	32

NOTE: This T1120 Series Coupling is also listed in the BSP section on page 178.

NOTE: Hose Compatibility for the T1000 series can be found on page 177.

# T1000 SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

ACCESSORIES

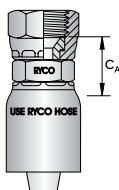
FILTERS

TECHNICAL

## JIS

## T1680

JAPANESE INDUSTRIAL STANDARD (JIS)  
"KOMATSU"  
METRIC THREAD FORM  
60° CONCAVE SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	METRIC FEMALE 60° CONCAVE SEAT (JIS)	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	14x1,5	-0414	<b>T1680-0414</b>	20
8	5/16	16x1,5	-0516	<b>T1680-0516</b>	20
10	3/8	18x1,5	-0618	<b>T1680-0618</b>	22
10	3/8	22x1,5	-0622	<b>T1680-0622</b>	26
12	1/2	22x1,5	-0822	<b>T1680-0822</b>	25
12	1/2	24x1,5	-0824	<b>T1680-0824</b>	32
16	5/8	24x1,5	-1024	<b>T1680-1024</b>	25
16	5/8	30x1,5	-1030	<b>T1680-1030</b>	30
19	3/4	24x1,5	-1224	<b>T1680-1224</b>	27
19	3/4	30x1,5	-1230	<b>T1680-1230</b>	30
19	3/4	33x1,5	-1233	<b>T1680-1233</b>	30
25	1	33x1,5	-1633	<b>T1680-1633</b>	28

**NOTE:** These T1680 Series Couplings are also listed in the **METRIC** section on page 184.

## JOINER

## T1900



HOSE SIZE		DASH SIZE	JOINER	
DN	inch		PART NO	C <sub>A</sub>
6	1/4	-0404	<b>T1900-0404</b>	14
8	5/16	-0505	<b>T1900-0505</b>	14
10	3/8	-0606	<b>T1900-0606</b>	15
12	1/2	-0808	<b>T1900-0808</b>	15
16	5/8	-1010	<b>T1900-1010</b>	15
19	3/4	-1212	<b>T1900-1212</b>	15
25	1	-1616	<b>T1900-1616</b>	25

## METRIC

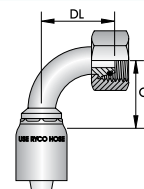
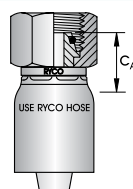
## T1650

## T1501

## T1510

## T1520

DKOL  
METRIC O RING (LIGHT)  
24° CONE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	DKL MALE 24° CONE	DKOL FEMALE 24° CONE	DKOL FEMALE 24° CONE 45° TUBE BEND		DKOL FEMALE 24° CONE 90° TUBE BEND					
DN	inch	mm	mm		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	12x1,5	6	-0412	<b>T1650-0412</b>	25	<b>T1501-0412</b>	21	<b>T1510-0412</b>	36	18	<b>T1520-0412</b>	26	31
6	1/4	14x1,5	8	-0414	<b>T1650-0414</b>	25	<b>T1501-0414</b>	22	<b>T1510-0414</b>	35	17	<b>T1520-0414</b>	26	31
6	1/4	16x1,5	10	-0416			<b>T1501-0416</b>	22						
8	5/16	14x1,5	8	-0514			<b>T1501-0514</b>	22						
8	5/16	16x1,5	10	-0516	<b>T1650-0516</b>	29	<b>T1501-0516</b>	23	<b>T1510-0516</b>	45	20	<b>T1520-0516</b>	35	35
8	5/16	18x1,5	12	-0518	<b>T1650-0518</b>	26	<b>T1501-0518</b>	23	<b>T1510-0518</b>	45	20	<b>T1520-0518</b>	35	35
10	3/8	16x1,5	10	-0616	<b>T1650-0616</b>	29	<b>T1501-0616</b>	23	<b>T1510-0616</b>	45	20	<b>T1520-0616</b>	36	35
10	3/8	18x1,5	12	-0618	<b>T1650-0618</b>	29	<b>T1501-0618</b>	23	<b>T1510-0618</b>	45	20	<b>T1520-0618</b>	36	35
10	3/8	22x1,5	15	-0622	<b>T1650-0622</b>	24								
12	1/2	22x1,5	15	-0822	<b>T1650-0822</b>	32	<b>T1501-0822</b>	26	<b>T1510-0822</b>	51	22	<b>T1520-0822</b>	40	44
12	1/2	26x1,5	18	-0826	<b>T1650-0826</b>	32	<b>T1501-0826</b>	29	<b>T1510-0826</b>	53	24	<b>T1520-0826</b>	40	48
16	5/8	26x1,5	18	-1026	<b>T1650-1026</b>	29	<b>T1501-1026</b>	26	<b>T1510-1026</b>	59	28	<b>T1520-1026</b>	48	54
19	3/4	26x1,5	18	-1226			<b>T1501-1226</b>	28						
19	3/4	30x2,0	22	-1230	<b>T1650-1230</b>	31	<b>T1501-1230</b>	27	<b>T1510-1230</b>	73	31	<b>T1520-1230</b>	56	65
25	1	36x2,0	28	-1636	<b>T1650-1636</b>	37	<b>T1501-1636</b>	33	<b>T1510-1636</b>	91	46	<b>T1520-1636</b>	69	79

**NOTE:** Hose Compatibility for the **T1000** series can be found on page 177.

# COUPLINGS

## T1000 SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### METRIC

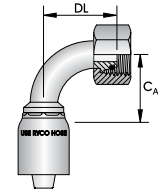
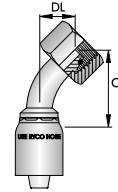
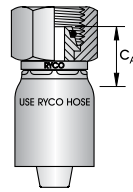
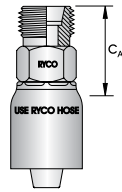
#### T1630

#### T1711

#### T1720

#### T1730

DKOS  
METRIC O RING (HEAVY)  
24° CONE

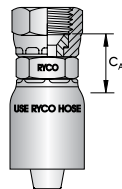


HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE		DKS MALE 24° CONE	CA	DKOS FEMALE 24° CONE	CA	DKOS FEMALE 24° CONE 45° TUBE BEND	CA	DL	DKOS FEMALE 24° CONE 90° TUBE BEND	CA	DL
DN	inch	mm	mm		PART NO	CA	PART NO	CA	PART NO	CA	DL	PART NO	CA	DL
6	1/4	14x1,5	6	-0414			<b>T1711-0414</b>	19	<b>T1720-0414</b>	36	16	<b>T1730-0414</b>	27	28
6	1/4	16x1,5	8	-0416	<b>T1630-0416</b>	27	<b>T1711-0416</b>	22	<b>T1720-0416</b>	36	17	<b>T1730-0416</b>	27	31
6	1/4	18x1,5	10	-0418	<b>T1630-0418</b>	23	<b>T1711-0418</b>	22	<b>T1720-0418</b>	46	20	<b>T1730-0418</b>	27	30
8	5/16	18x1,5	10	-0518			<b>T1711-0518</b>	26	<b>T1720-0518</b>	45	20			
8	5/16	20x1,5	12	-0520	<b>T1630-0520</b>	30	<b>T1711-0520</b>	30	<b>T1720-0520</b>	45	20	<b>T1730-0520</b>	34	37
10	3/8	20x1,5	12	-0620	<b>T1630-0620</b>	30	<b>T1711-0620</b>	24	<b>T1720-0620</b>	45	20	<b>T1730-0620</b>	36	36
10	3/8	22x1,5	14	-0622	<b>T1630-0622</b>	29	<b>T1711-0622</b>	26	<b>T1720-0622</b>	46	20	<b>T1730-0622</b>	35	36
10	3/8	24x1,5	16	-0624			<b>T1711-0624</b>	27						
12	1/2	24x1,5	16	-0824	<b>T1630-0824</b>	30	<b>T1711-0824</b>	28	<b>T1720-0824</b>	53	24	<b>T1730-0824</b>	40	48
16	5/8	30x2,0	20	-1030	<b>T1630-1030</b>	31	<b>T1711-1030</b>	31	<b>T1720-1030</b>	63	31	<b>T1730-1030</b>	44	58
19	3/4	30x2,0	20	-1230	<b>T1630-1230</b>	35	<b>T1711-1230</b>	30	<b>T1720-1230</b>	74	35	<b>T1730-1230</b>	56	68
19	3/4	36x2,0	25	-1236	<b>T1630-1236</b>	37	<b>T1711-1236</b>	33	<b>T1720-1236</b>	76	35	<b>T1730-1236</b>	57	68
25	1	42x2,0	30	-1642	<b>T1630-1642</b>	43	<b>T1711-1642</b>	36	<b>T1720-1642</b>	87	37	<b>T1730-1642</b>	69	77

### METRIC

#### T1680

JAPANESE INDUSTRIAL  
STANDARD (JIS)  
"KOMATSU"  
METRIC THREAD FORM  
60° CONCAVE SEAT



HOSE SIZE	THRD SIZE	DASH SIZE		METRIC FEMALE 60° CONCAVE SEAT (JIS)	CA
DN	inch	mm		PART NO	CA
6	1/4	14x1,5	-0414	<b>T1680-0414</b>	20
8	5/16	16x1,5	-0516	<b>T1680-0516</b>	20
10	3/8	18x1,5	-0618	<b>T1680-0618</b>	22
10	3/8	22x1,5	-0622	<b>T1680-0622</b>	26
12	1/2	22x1,5	-0822	<b>T1680-0822</b>	25
12	1/2	24x1,5	-0824	<b>T1680-0824</b>	32
16	5/8	24x1,5	-1024	<b>T1680-1024</b>	25
16	5/8	30x1,5	-1030	<b>T1680-1030</b>	30
19	3/4	24x1,5	-1224	<b>T1680-1224</b>	27
19	3/4	30x1,5	-1230	<b>T1680-1230</b>	30
19	3/4	33x1,5	-1233	<b>T1680-1233</b>	30
25	1	33x1,5	-1633	<b>T1680-1633</b>	30

NOTE: This T1680 Series Coupling is also listed in the JIS section on page 183.

NOTE: Hose Compatibility for the T1000 series can be found on page 177.

## T1000 SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

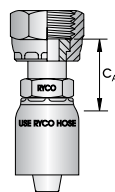
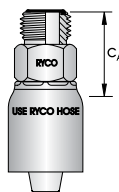
ACCESSORIES

FILTERS

TECHNICAL

### ORFS T1840 T1800

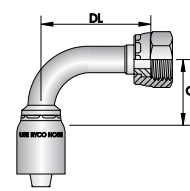
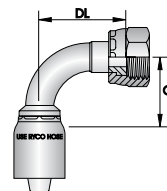
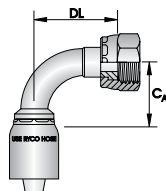
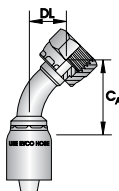
O RING  
FACE SEAL



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	ORFS MALE		ORFS FEMALE	
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	9/16	1/4	-0409	<b>T1840-0409</b>	25	<b>T1800-0409</b>	28
6	1/4	11/16	3/8	-0411	<b>T1840-0411</b>	26	<b>T1800-0411</b>	32
8	5/16	11/16	3/8	-0511			<b>T1800-0511</b>	33
10	3/8	9/16	1/4	-0609			<b>T1800-0609</b>	29
10	3/8	11/16	3/8	-0611	<b>T1840-0611</b>	29	<b>T1800-0611</b>	31
10	3/8	13/16	1/2	-0613	<b>T1840-0613</b>	31	<b>T1800-0613</b>	34
12	1/2	11/16	3/8	-0811			<b>T1800-0811</b>	31
12	1/2	13/16	1/2	-0813	<b>T1840-0813</b>	33	<b>T1800-0813</b>	34
12	1/2	1	5/8	-0816	<b>T1840-0816</b>	36	<b>T1800-0816</b>	40
12	1/2	1.3/16	3/4	-0819			<b>T1800-0819</b>	43
16	5/8	1	5/8	-1016	<b>T1840-1016</b>	37	<b>T1800-1016</b>	38
16	5/8	1.3/16	3/4	-1019	<b>T1840-1019</b>	38	<b>T1800-1019</b>	43
19	3/4	1	5/8	-1216			<b>T1800-1216</b>	38
19	3/4	1.3/16	3/4	-1219	<b>T1840-1219</b>	38	<b>T1800-1219</b>	43
19	3/4	1.7/16	1	-1223	<b>T1840-1223</b>	38	<b>T1800-1223</b>	52
25	1	1.7/16	1	-1623	<b>T1840-1623</b>	41	<b>T1800-1623</b>	54

### ORFS T1810 T1823 T1820 T1830

O RING  
FACE SEAL



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE 45° TUBE BEND			ORFS FEMALE 90° SHORT BEND			ORFS FEMALE 90° MEDIUM BEND			ORFS FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	9/16	1/4	-0409	<b>T1810-0409</b>	39	18	<b>T1823-0409</b>	27	21	<b>T1820-0409</b>	26	32	<b>T1830-0409</b>	28	47
6	1/4	11/16	3/8	-0411	<b>T1810-0411</b>	39	18	<b>T1823-0411</b>	26	26	<b>T1820-0411</b>	32	38	<b>T1830-0411</b>	28	55
8	5/16	11/16	3/8	-0511							<b>T1820-0511</b>	32	38			
10	3/8	11/16	3/8	-0611	<b>T1810-0611</b>	45	21	<b>T1823-0611</b>	32	24	<b>T1820-0611</b>	32	38	<b>T1830-0611</b>	32	54
10	3/8	13/16	1/2	-0613	<b>T1810-0613</b>	40	15	<b>T1823-0613</b>	35	29	<b>T1820-0613</b>	32	41	<b>T1830-0613</b>	33	64
12	1/2	13/16	1/2	-0813	<b>T1810-0813</b>	49	20	<b>T1823-0813</b>	43	30	<b>T1820-0813</b>	38	41	<b>T1830-0813</b>	41	65
12	1/2	1	5/8	-0816	<b>T1810-0816</b>	46	19	<b>T1823-0816</b>	42	35	<b>T1820-0816</b>	41	47	<b>T1830-0816</b>	48	70
12	1/2	1.3/16	3/4	-0819				<b>T1823-0819</b>	42	48	<b>T1820-0819</b>	42	58	<b>T1830-0819</b>	46	96
16	5/8	1	5/8	-1016	<b>T1810-1016</b>	59	20	<b>T1823-1016</b>	40	32	<b>T1820-1016</b>	50	47	<b>T1830-1016</b>	51	70
16	5/8	1.3/16	3/4	-1019	<b>T1810-1019</b>	58	24	<b>T1823-1019</b>	40	48	<b>T1820-1019</b>	45	58	<b>T1830-1019</b>	51	96
19	3/4	13/16	1/2	-1213							<b>T1820-1213</b>	41	41			
19	3/4	1.3/16	3/4	-1219	<b>T1810-1219</b>	64	29	<b>T1823-1219</b>	56	49	<b>T1820-1219</b>	54	59	<b>T1830-1219</b>	58	96
19	3/4	1.7/16	1	-1223	<b>T1810-1223</b>	60	26	<b>T1823-1223</b>	55	56	<b>T1820-1223</b>	56	71	<b>T1830-1223</b>	55	114
25	1	1.7/16	1	-1623	<b>T1810-1623</b>	84	34	<b>T1823-1623</b>	64	56	<b>T1820-1623</b>	69	71	<b>T1830-1623</b>	74	114

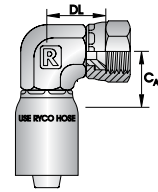
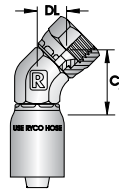
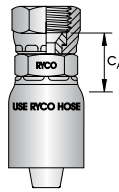
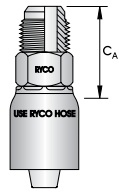
**NOTE:** Hose Compatibility for the T1000 series can be found on page 177.

# COUPLINGS

## T1000 SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

SAE	T1530	T1540	T1580	T1570
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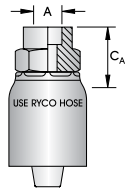
45° FLARE



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	SAE MALE	SAE FEMALE	SAE FEMALE 45° ELBOW	SAE FEMALE 90° ELBOW							
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
6	1/4	7/16	1/4	-0407		<b>T1540-0407</b>	19							
6	1/4	5/8	3/8	-0410	<b>T1530-0410</b>	31	<b>T1540-0410</b>	21						
10	3/8	1/2	5/16	-0608	<b>T1530-0608</b>	32	<b>T1540-0608</b>	20	<b>T1580-0608</b>	32	14	<b>T1570-0608</b>	23	22
10	3/8	5/8	3/8	-0610	<b>T1530-0610</b>	34	<b>T1540-0610</b>	20	<b>T1580-0610</b>	32	15	<b>T1570-0610</b>	23	23
19	3/4	1.1/16	3/4	-1217		<b>T1540-1217</b>	26							

SALVAGE	T1230
---------	-------

TUBE WELD



HOSE SIZE	A	DASH SIZE	SALVAGE (LIFESAVER)		
DN	inch	inch	PART NO	C <sub>A</sub>	
6	1/4	1/4	-0404	<b>T1230-0404</b>	18
6	1/4	5/16	-0405	<b>T1230-0405</b>	18
6	1/4	3/8	-0406	<b>T1230-0406</b>	18
10	3/8	3/8	-0606	<b>T1230-0606</b>	19
10	3/8	1/2	-0608	<b>T1230-0608</b>	19
12	1/2	1/2	-0808	<b>T1230-0808</b>	19
12	1/2	5/8	-0810	<b>T1230-0810</b>	21
16	5/8	5/8	-1010	<b>T1230-1010</b>	21
16	5/8	3/4	-1012	<b>T1230-1012</b>	21
19	3/4	3/4	-1212	<b>T1230-1212</b>	21
25	1	1	-1616	<b>T1230-1616</b>	27

**NOTE:** Hose Compatibility for the T1000 series can be found on page 177.



## T1000 SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

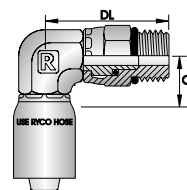
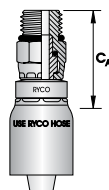
### UNO (O RING BOSS)

#### T1200

#### T1380

#### T1390

O RING SUPPLIED



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	UN O RING MALE	UN O RING MALE SWIVEL	UN O RING MALE SWIVEL 90° ELBOW				
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	<b>T1200-0407</b>	25					
6	1/4	1/2	5/16	-0408	<b>T1200-0408</b>	25					
6	1/4	9/16	3/8	-0409	<b>T1200-0409</b>	25					
10	3/8	9/16	3/8	-0609	<b>T1200-0609</b>	28	<b>T1380-0609</b>	41	<b>T1390-0609</b>	23	36
10	3/8	3/4	1/2	-0612	<b>T1200-0612</b>	29	<b>T1380-0612</b>	41	<b>T1390-0612</b>	23	41
10	3/8	7/8	5/8	-0614	<b>T1200-0614</b>	28			<b>T1390-0614</b>	23	38
12	1/2	3/4	1/2	-0812	<b>T1200-0812</b>	31	<b>T1380-0812</b>	42	<b>T1390-0812</b>	29	43
12	1/2	7/8	5/8	-0814	<b>T1200-0814</b>	33	<b>T1380-0814</b>	43	<b>T1390-0814</b>	29	40
12	1/2	1.1/16	3/4	-0817	<b>T1200-0817</b>	32	<b>T1380-0817</b>	42			
16	5/8	7/8	5/8	-1014	<b>T1200-1014</b>	34	<b>T1380-1014</b>	42			
16	5/8	1.1/16	3/4	-1017	<b>T1200-1017</b>	32					
19	3/4	1.1/16	3/4	-1217	<b>T1200-1217</b>	36	<b>T1380-1217</b>	44	<b>T1390-1217</b>	30	44
19	3/4	1.5/16	1	-1221	<b>T1200-1221</b>	34					
25	1	1.5/16	1	-1621	<b>T1200-1621</b>	39					

**NOTE:** These "Live Swivel" **T1380** and **T1390** Series Inserts are for Maximum Working Pressure: 350 bar (5100 psi): -09 & -12 Thread Size, 280 bar (4100 psi): -14 & -17 Thread Size. Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

ACCESSORIES

FILTERS

TECHNICAL

**NOTE:** Hose Compatibility for the **T1000** series can be found on page 177.

# COUPLINGS

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

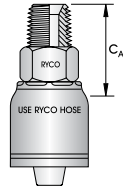
### HOSE COMPATIBILITY FOR T2000 SERIES

#### NON-SKIVE

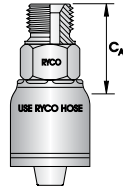
For RYCO Hose Series T3000A, T3000D, T3000S, T3600A, T3600D, T3600S, T4000A, T4000D, T4000S, T5000A, T5000D, T5000S, T6000A, T6000D, T6000S, T1A, T1D, T1F, T1S, T2A, T2D, T2S, T2C, TXA2D, DF2A, RQP1, RQP2, TW1, PW2, E2, BT1, TJ2D, CS1000 and MS1000.

#### BSP

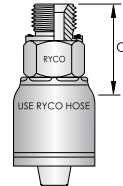
**T2010  
(T201)**



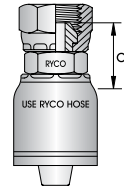
**T2013  
(T201P)**



**T2017  
(T201C)**



**T2020  
(T202)**



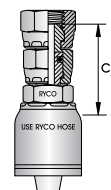
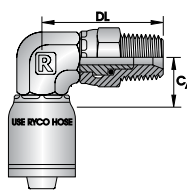
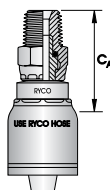
**60° SEAT  
EXCEPT T2017  
ENCAPSULATED SEAL  
INCLUDED**

HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE	BSPP MALE	BSPP MALE ENCAPSULATED SEAL	BSPP FEMALE		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
5	3/16	1/8	-0302	<b>T2010-0302</b>	25	<b>T2013-0302</b>	25		
6	1/4	1/8	-0402	<b>T2010-0402</b>	25	<b>T2013-0402</b>	24	<b>T2020-0402</b>	23
6	1/4	1/4	-0404	<b>T2010-0404</b>	30	<b>T2013-0404</b>	27	<b>T2017-0404</b>	30
6	1/4	3/8	-0406	<b>T2010-0406</b>	30	<b>T2013-0406</b>	30		
6	1/4	1/2	-0408	<b>T2010-0408</b>	32				
8	5/16	1/4	-0504			<b>T2013-0504</b>	27		
8	5/16	3/8	-0506	<b>T2010-0506</b>	30	<b>T2013-0506</b>	30		
8	5/16	1/2	-0508	<b>T2010-0508</b>	32				
10	3/8	1/4	-0604	<b>T2010-0604</b>	33				
10	3/8	3/8	-0606	<b>T2010-0606</b>	33	<b>T2013-0606</b>	33	<b>T2017-0606</b>	33
10	3/8	1/2	-0608	<b>T2010-0608</b>	38	<b>T2013-0608</b>	32		
12	1/2	3/8	-0806	<b>T2010-0806</b>	35				
12	1/2	1/2	-0808	<b>T2010-0808</b>	40	<b>T2013-0808</b>	31	<b>T2017-0808</b>	37
12	1/2	5/8	-0810	<b>T2010-0810</b>	40	<b>T2013-0810</b>	34		
12	1/2	3/4	-0812						
16	5/8	1/2	-1008	<b>T2010-1008</b>	41				
16	5/8	5/8	-1010	<b>T2010-1010</b>	41	<b>T2013-1010</b>	34		
16	5/8	3/4	-1012	<b>T2010-1012</b>	41	<b>T2013-1012</b>	40		
19	3/4	3/4	-1212	<b>T2010-1212</b>	41	<b>T2013-1212</b>	40	<b>T2017-1212</b>	40
19	3/4	1	-1216	<b>T2010-1216</b>	46				
25	1	1	-1616	<b>T2010-1616</b>	48	<b>T2013-1616</b>	45	<b>T2017-1616</b>	45
25	1	1.1/4	-1620						
31	1.1/4	1.1/4	-2020	<b>T2010-2020</b>	53	<b>T2013-2020</b>	51	<b>T2017-2020</b>	51
38	1.1/2	1.1/2	-2424	<b>T2010-2424</b>	55				
51	2	2	-3232	<b>T2010-3232</b>	66				
63	2.1/2	2.1/2	-4040	<b>T2010-4040</b>					

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### BSP T2320 (T232) T2340 (T234) T2028B (T202S)

60° SEAT

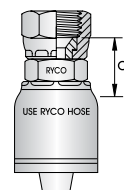
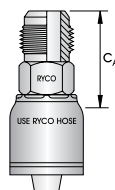
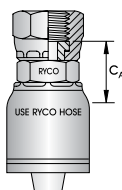


HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE SWIVEL		BSPT MALE SWIVEL 90° ELBOW			BSPF FEMALE LIVE SWIVEL	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>
6	1/4	1/4	-0404						<b>T2028B-0404</b>	40
10	3/8	1/4	-0604						<b>T2028B-0604</b>	41
10	3/8	3/8	-0606	<b>T2320-0606</b>	49	<b>T2340-0606</b>	23	44		
10	3/8	1/2	-0608	<b>T2320-0608</b>	53	<b>T2340-0608</b>	23	48		
12	1/2	1/2	-0808	<b>T2320-0808</b>	55	<b>T2340-0808</b>	29	50		
19	3/4	3/4	-1212			<b>T2340-1212</b>	30	54		

**NOTE:** These "Live Swivel" T2320, T2340 and T2020S Series Couplings are for Maximum Working Pressure: 420 bar (6100 psi): -04 & -06 Thread Size, 350 bar (5100 psi): -08 Thread Size, 280 bar (4100 psi): -12 Thread Size, 215 bar (3100 psi): -16 Thread Size. Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

### BSP T2024 (T202F) T2220 (T222) T2120 (T212)

SPECIAL SEATS



HOSE SIZE		THRD SIZE	DASH SIZE	BSPF FEMALE FLAT FACE		BSPF MALE 60° CONVEX SEAT (JIS)		BSPF FEMALE 60° CONCAVE SEAT (JIS)	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	1/4	-0404			<b>T222-0404</b>	31	<b>T2120-0404</b>	21
10	3/8	3/8	-0606			<b>T222-0606</b>	35	<b>T2120-0606</b>	22
10	3/8	1/2	-0608	<b>T2024-0608</b>	22			<b>T2120-0608</b>	26
12	1/2	1/2	-0808	<b>T2024-0808</b>	22	<b>T222-0808</b>	39	<b>T2120-0808</b>	27
19	3/4	3/4	-1212					<b>T2120-1212</b>	26
25	1	1	-1616					<b>T2120-1616</b>	32

**NOTE:** These T2220 and T2120 Series Couplings are also listed in the METRIC section on page 195.

**NOTE:** Hose Compatibility for the T2000 series can be found on page 188.

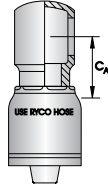
# COUPLINGS

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

**BSP**

**T2475**

**STRAIGHT**



HOSE SIZE		THRD SIZE	DASH SIZE	BSP BANJO	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>T2475-0404</b>	25
8	5/16	3/8	-0506	<b>T2475-0506</b>	27
10	3/8	3/8	-0606	<b>T2475-0606</b>	27
10	3/8	1/2	-0608	<b>T2475-0608</b>	28
12	1/2	1/2	-0808	<b>T2475-0808</b>	29
16	5/8	5/8	-1010	<b>T2475-1010</b>	30
19	3/4	3/4	-1212	<b>T2475-1212</b>	37
25	1	1	-1616	<b>T2475-1616</b>	45

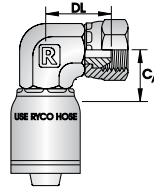
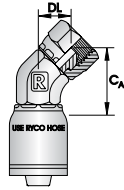
**NOTE:** Other configurations available on request. For BBB Banjo Bolt see page 366 and RL21D Seal see page 309.

**BSP**

**T2060  
(T206)**

**T2050  
(T205)**

**60° SEAT**



HOSE SIZE		THRD SIZE	DASH SIZE	BSPP FEMALE 45° ELBOW			BSPP FEMALE 90° ELBOW		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404	<b>T2060-0404</b>	30	15	<b>T2050-0404</b>	21	24
6	1/4	3/8	-0406				<b>T2050-0406</b>	21	28
8	5/16	3/8	-0506				<b>T2050-0506</b>	23	28
10	3/8	3/8	-0606	<b>T2060-0606</b>	36	18	<b>T2050-0606</b>	23	28
10	3/8	1/2	-0608				<b>T2050-0608</b>	23	31
12	1/2	1/2	-0808	<b>T2060-0808</b>	40	18	<b>T2050-0808</b>	29	31
19	3/4	3/4	-1212	<b>T2060-1212</b>	44	20	<b>T2050-1212</b>	30	36
25	1	1	-1616	<b>T2060-1616</b>	51	23	<b>T2050-1616</b>	32	40
31	1.1/4	1.1/4	-2020	<b>T2060-2020</b>	42	25	<b>T2050-2020</b>	43	49
38	1.1/2	1.1/2	-2424				<b>T2050-2424</b>	60	59
51	2	2	-3232				<b>T2050-3232</b>	56	62

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

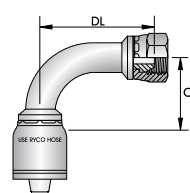
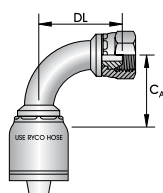
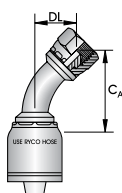
BSP

**T2270**  
(T227)

**T2260**  
(T226)

**T2210**  
(T221)

60° SEAT



HOSE SIZE			THRD SIZE	DASH SIZE	BSPP FEMALE 45° TUBE BEND			BSPP FEMALE 90° TUBE BEND			BSPP FEMALE 90° LONG BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
6	1/4	1/8	-0402				<b>T2260-0402</b>	27	29				
6	1/4	1/4	-0404	<b>T2270-0404</b>	35	17	<b>T2260-0404</b>	27	29	<b>T2210-0404</b>	25	47	
6	1/4	3/8	-0406				<b>T2260-0406</b>	27	28				
8	5/16	1/4	-0504				<b>T2260-0504</b>	27	29				
8	5/16	3/8	-0506	<b>T2270-0506</b>	44	19	<b>T2260-0506</b>	35	34				
10	3/8	3/8	-0606	<b>T2270-0606</b>	43	18	<b>T2260-0606</b>	35	34	<b>T2210-0606</b>	32	55	
10	3/8	1/2	-0608	<b>T2270-0608</b>	45	19	<b>T2260-0608</b>	34	33				
12	1/2	1/2	-0808	<b>T2270-0808</b>	49	22	<b>T2260-0808</b>	40	45	<b>T2210-0808</b>	38	70	
12	1/2	5/8	-0810	<b>T2270-0810</b>	49	23	<b>T2260-0810</b>	40	45	<b>T2210-0810</b>	40	72	
16	5/8	5/8	-1010	<b>T2270-1010</b>	55	23	<b>T2260-1010</b>	49	50	<b>T2210-1010</b>	44	81	
16	5/8	3/4	-1012	<b>T2270-1012</b>	58	28							
19	3/4	3/4	-1212	<b>T2270-1212</b>	70	29	<b>T2260-1212</b>	55	58	<b>T2210-1212</b>	52	96	
25	1	1	-1616	<b>T2270-1616</b>	85	41	<b>T2260-1616</b>	67	72	<b>T2210-1616</b>	65	116	
31	1.1/4	1	-2016				<b>T2260-2016</b>	69	77				
31	1.1/4	1.1/4	-2020	<b>T2270-2020</b>	105	46	<b>T2260-2020</b>	90	91	<b>T2210-2020</b>	86	142	
	1.3/8	1.1/2	-2224	<b>T2270-2224</b>	118	52	<b>T2260-2224</b>	100	106				
38	1.1/2	1.1/2	-2424	<b>T2270-2424</b>	118	52	<b>T2260-2424</b>	104	105				
51	2	2	-3232	<b>T2270-3232</b>	142	65	<b>T2260-3232</b>	137	132				

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

# COUPLINGS

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

NPT

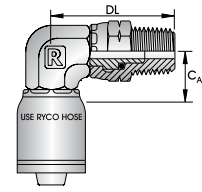
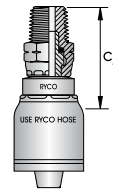
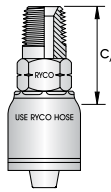
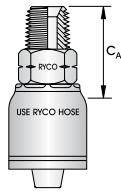
**T2090**  
(T209)

**T2091**  
(T209E)

**T2320N**  
(T232N)

**T2340N**  
(T234N)

60° SEAT



HOSE SIZE			THRD SIZE	DASH SIZE	NPT MALE	NPT MALE EXTENDED	NPT MALE SWIVEL	NPT MALE SWIVEL 90° ELBOW				
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
5	3/16	1/8	-0302	<b>T2090-0302</b>	24							
5	3/16	1/4	-0304	<b>T2090-0304</b>	30							
6	1/4	1/8	-0402	<b>T2090-0402</b>	25			<b>T2320N-0402</b>	42			
6	1/4	1/4	-0404	<b>T2090-0404</b>	30			<b>T2320N-0404</b>	42	<b>T2340N-0404</b>	21	41
6	1/4	3/8	-0406	<b>T2090-0406</b>	30	<b>T2091-0406</b>	38	<b>T2320N-0406</b>	41			
6	1/4	1/2	-0408	<b>T2090-0408</b>	32							
8	5/16	1/4	-0504	<b>T2090-0504</b>	30							
8	5/16	3/8	-0506	<b>T2090-0506</b>	30							
10	3/8	1/4	-0604	<b>T2090-0604</b>	33			<b>T2320N-0604</b>	39			
10	3/8	3/8	-0606	<b>T2090-0606</b>	33	<b>T2091-0606</b>	41	<b>T2320N-0606</b>	41	<b>T2340N-0606</b>	23	41
10	3/8	1/2	-0608	<b>T2090-0608</b>	38			<b>T2320N-0608</b>	45			
12	1/2	3/8	-0806	<b>T2090-0806</b>	35			<b>T2320N-0806</b>	42			
12	1/2	1/2	-0808	<b>T2090-0808</b>	40			<b>T2320N-0808</b>	46	<b>T2340N-0808</b>	29	51
12	1/2	3/4	-0812	<b>T2090-0812</b>	37							
16	5/8	1/2	-1008	<b>T2090-1008</b>	41							
16	5/8	3/4	-1012	<b>T2090-1012</b>	41							
19	3/4	1/2	-1208	<b>T2090-1208</b>	41							
19	3/4	3/4	-1212	<b>T2090-1212</b>	41			<b>T2320N-1212</b>	47	<b>T2340N-1212</b>	30	55
19	3/4	1	-1216	<b>T2090-1216</b>	43							
25	1	3/4	-1612	<b>T2090-1612</b>	43							
25	1	1	-1616	<b>T2090-1616</b>	48			<b>T2320N-1616</b>	58	<b>T2340N-1616</b>	32	73
25	1	1.1/4	-1620	<b>T2090-1620</b>	46							
31	1.1/4	1	-2016	<b>T2090-2016</b>	52							
31	1.1/4	1.1/4	-2020	<b>T2090-2020</b>	53							
38	1.1/2	1.1/2	-2424	<b>T2090-2424</b>	55							
51	2	2	-3232	<b>T2090-3232</b>	56							

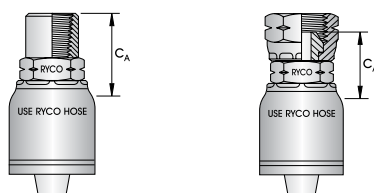
**NOTE:** These "Live Swivel" **T2320N** and **T2340N** Series Couplings are for Maximum Working Pressure: 420 bar (6100 psi): -04 & -06 Thread Size, 350 bar (5100 psi): -08 Thread Size, 280 bar (4100 psi): -12 Thread Size, 215 bar (3100 psi): -16 Thread Size. Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### NPT T2190 (T219) T2020N (T202N)

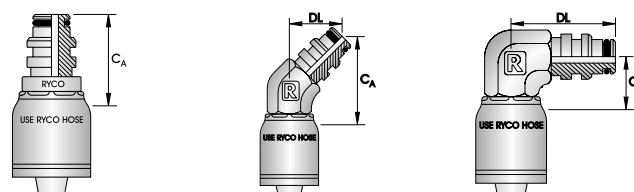
60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	NPT FIXED FEMALE		NPSM FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	1/8	-0402			<b>T2020N-0402</b>	
6	1/4	1/4	-0404	<b>T2190-0404</b>	26	<b>T2020N-0404</b>	24
6	1/4	3/8	-0406	<b>T2190-0406</b>	28		
10	3/8	1/4	-0604			<b>T2020N-0604</b>	22
10	3/8	3/8	-0606	<b>T2190-0606</b>	29	<b>T2020N-0606</b>	27
10	3/8	1/2	-0608	<b>T2190-0608</b>	33	<b>T2020N-0608</b>	28
12	1/2	3/8	-0806	<b>T2190-0806</b>	28		
12	1/2	1/2	-0808	<b>T2190-0808</b>	34	<b>T2020N-0808</b>	29
16	5/8	3/4	-1012	<b>T2190-1012</b>	37		
19	3/4	3/4	-1212	<b>T2190-1212</b>	36	<b>T2020N-1212</b>	28
25	1	1	-1616			<b>T2020N-1616</b>	33
31	1.1/4	1.1/4	-2020			<b>T2020N-2020</b>	41
38	1.1/2	1.1/2	-2424			<b>T2020N-2424</b>	45
51	2	2	-3232			<b>T2020N-3232</b>	54

### CROCBITE T2880 T2881 T2882

CROCBITE  
HIGH PRESSURE



HOSE SIZE		MWP	DASH SIZE	CROCBITE MALE		CROCBITE MALE 45° ELBOW			CROCBITE MALE 90° ELBOW		
DN	inch	bar		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	3/8	450	-0610	<b>T2880-0610</b>	39	<b>T2881-0610</b>	43	28	<b>T2882-0610</b>	23	49
12	1/2	450	-0812	<b>T2880-0812</b>	39	<b>T2881-0812</b>	45	28	<b>T2882-0812</b>	29	51
19	3/4	420	-1220	<b>T2880-1220</b>	48	<b>T2881-1220</b>	58	34	<b>T2882-1220</b>	35	60
25	1	420	-1625	<b>T2880-1625</b>	65	<b>T2881-1625</b>	73	48	<b>T2882-1625</b>	45	84
31	1.1/4	420	-2032	<b>T2880-2032</b>	68	<b>T2881-2032</b>	77	50	<b>T2882-2032</b>	52	94
38	1.1/2	420	-2440	<b>T2880-2440</b>	71	<b>T2881-2440</b>	88	53	<b>T2882-2440</b>	61	101
51	2	420	-3250	<b>T2880-3250</b>	97	<b>T2881-3250</b>	107	73	<b>T2882-3250</b>	66	135
63	2.1/2	350	-4063	<b>T2880-4063</b>	97	<b>T2881-4063</b>	114	75	<b>T2882-4063</b>	80	146

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

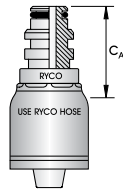
# COUPLINGS

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### CROCBITE

#### T2880A

CROCBITE  
HIGH FLOW

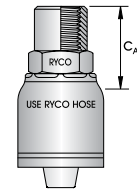


HOSE SIZE		MWP	DASH SIZE	CROCBITE MALE	
DN	inch	bar		PART NO	C <sub>A</sub>
51	2	350	-3250	<b>T2880A-3250</b>	94
63	2.1/2	280	-4063	<b>T2880A-4063</b>	93
76	3	215	-4875	<b>T2880A-4875</b>	

### GREASE LINE

#### T2861 (T286)

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	GREASE LINE FIXED FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/2-27TPI	-0408	<b>T2861-0408</b>	23

### JIC

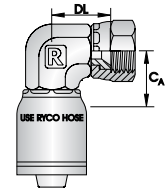
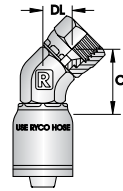
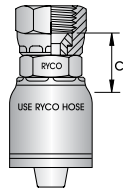
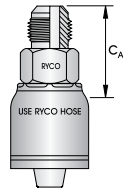
#### T2030 (T203)

#### T2040 (T204)

#### T2080 (T208)

#### T2070 (T207)

37° FLARE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	JIC MALE		JIC FEMALE		JIC FEMALE 45° ELBOW		JIC FEMALE 90° ELBOW			
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
5	3/16	7/16	1/4	-0307			<b>T2040-0307</b>	22				<b>T2070-0307</b>	22	17
6	1/4	3/8	3/16	-0406			<b>T2040-0406</b>	22						
6	1/4	7/16	1/4	-0407	<b>T2030-0407</b>	29	<b>T2040-0407</b>	22	<b>T2080-0407</b>	27	10	<b>T2070-0407</b>	21	17
6	1/4	1/2	5/16	-0408	<b>T2030-0408</b>	29	<b>T2040-0408</b>	22	<b>T2080-0408</b>	27	11	<b>T2070-0408</b>	21	17
6	1/4	9/16	3/8	-0409	<b>T2030-0409</b>	30	<b>T2040-0409</b>	22	<b>T2080-0409</b>	27	11	<b>T2070-0409</b>	21	22
6	1/4	3/4	1/2	-0412	<b>T2030-0412</b>	32	<b>T2040-0412</b>	23						
8	5/16	1/2	5/16	-0508	<b>T2030-0508</b>	29	<b>T2040-0508</b>	22						
8	5/16	9/16	3/8	-0509	<b>T2030-0509</b>	30	<b>T2040-0509</b>	22						
10	3/8	7/16	1/4	-0607			<b>T2040-0607</b>	22						
10	3/8	9/16	3/8	-0609	<b>T2030-0609</b>	32	<b>T2040-0609</b>	22	<b>T2080-0609</b>	30	13	<b>T2070-0609</b>	23	22
10	3/8	3/4	1/2	-0612	<b>T2030-0612</b>	35	<b>T2040-0612</b>	24	<b>T2080-0612</b>	31	14	<b>T2070-0612</b>	23	24
10	3/8	7/8	5/8	-0614	<b>T2030-0614</b>	37	<b>T2040-0614</b>	27						
12	1/2	9/16	3/8	-0809			<b>T2040-0809</b>	24						
12	1/2	3/4	1/2	-0812	<b>T2030-0812</b>	37	<b>T2040-0812</b>	25	<b>T2080-0812</b>	32	14	<b>T2070-0812</b>	29	26
12	1/2	7/8	5/8	-0814	<b>T2030-0814</b>	39	<b>T2040-0814</b>	27	<b>T2080-0814</b>	33	15	<b>T2070-0814</b>	29	28
12	1/2	1.1/16	3/4	-0817	<b>T2030-0817</b>	42	<b>T2040-0817</b>	29				<b>T2070-0817</b>	29	30
16	5/8	3/4	1/2	-1012			<b>T2040-1012</b>	26						
16	5/8	7/8	5/8	-1014	<b>T2030-1014</b>	41	<b>T2040-1014</b>	28						
16	5/8	1.1/16	3/4	-1017	<b>T2030-1017</b>	43	<b>T2040-1017</b>	29						
19	3/4	7/8	5/8	-1214			<b>T2040-1214</b>	29						
19	3/4	1.1/16	3/4	-1217	<b>T2030-1217</b>	43	<b>T2040-1217</b>	30	<b>T2080-1217</b>	37	16	<b>T2070-1217</b>	30	31
19	3/4	1.3/16	7/8	-1219	<b>T2030-1219</b>	44	<b>T2040-1219</b>	31						
19	3/4	1.5/16	1	-1221	<b>T2030-1221</b>	45	<b>T2040-1221</b>	34						
25	1	1.1/16	3/4	-1617			<b>T2040-1617</b>	33						
25	1	1.5/16	1	-1621	<b>T2030-1621</b>	47	<b>T2040-1621</b>	36	<b>T2080-1621</b>	42	20	<b>T2070-1621</b>	32	36
25	1	1.5/8	1.1/4	-1626	<b>T2030-1626</b>	48								
31	1.1/4	1.5/8	1.1/4	-2026	<b>T2030-2026</b>	52	<b>T2040-2026</b>	44						
38	1.1/2	1.7/8	1.1/2	-2430	<b>T2030-2430</b>	57	<b>T2040-2430</b>	49						
51	2	2.1/2	2	-3240	<b>T2030-3240</b>	73	<b>T2040-3240</b>	60						
63	2.1/2	3	2.1/2	-4048	<b>T2030-4048</b>		<b>T2040-4048</b>	39						

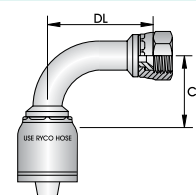
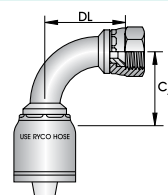
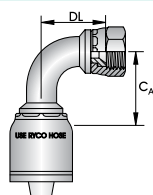
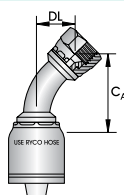
**NOTE:** Hose Compatibility for the T2000 series can be found on page 188.



## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### JIC T2250 (T225) T2243 (T224S) T2240 (T224) T2280 (T228)

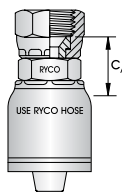
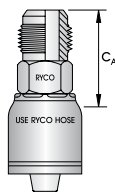
37° FLARE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° TUBE BEND			JIC FEMALE 90° SHORT BEND			JIC FEMALE 90° MEDIUM BEND			JIC FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	T2250-0407	31	10	T2243-0407	27	21	T2240-0407	26	32	T2280-0407	43	47
6	1/4	1/2	5/16	-0408	T2250-0408	40	12				T2240-0408	26	32			
6	1/4	9/16	3/8	-0409	T2250-0409	40	12	T2243-0409	27	22	T2240-0409	26	38	T2280-0409	47	54
8	5/16	9/16	3/8	-0509	T2250-0509	39	11				T2240-0509	35	38			
10	3/8	7/16	1/4	-0607							T2240-0607	27	25			
10	3/8	9/16	3/8	-0609	T2250-0609	39	11	T2243-0609	31	21	T2240-0609	35	38	T2280-0609	52	54
10	3/8	3/4	1/2	-0612	T2250-0612	42	15				T2240-0612	35	41	T2280-0612	59	64
12	1/2	3/4	1/2	-0812	T2250-0812	45	15	T2243-0812	43	29	T2240-0812	41	41	T2280-0812	53	64
12	1/2	7/8	5/8	-0814	T2250-0814	48	18				T2240-0814	41	47	T2280-0814	54	70
12	1/2	1.1/16	3/4	-0817	T2250-0817	47	21				T2240-0817	41	45			
16	5/8	3/4		-1012							T2240-1012	43	41			
16	5/8	7/8	5/8	-1014	T2250-1014	50	19	T2243-1014	43	32	T2240-1014	48	47	T2280-1014	51	70
16	5/8	1.1/16	3/4	-1017	T2250-1017	52	24				T2240-1017	48	57	T2280-1017	51	96
19	3/4	7/8	5/8	-1214							T2240-1214	48	48			
19	3/4	1.1/16	3/4	-1217	T2250-1217	65	22				T2240-1217	55	57	T2280-1217	56	96
19	3/4	1.5/16	1	-1221	T2250-1221	74	28				T2240-1221	55	71			
25	1	1.5/16	1	-1621	T2250-1621	77	30				T2240-1621	68	73	T2280-1621	75	114
25	1	1.5/8	1.1/4	-1626							T2240-1626	68	78			
31	1.1/4	1.5/8	1.1/4	-2026	T2250-2026	97	39				T2240-2026	88	82	T2280-2026	86	129
38	1.1/2	1.7/8		-2430	T2250-2430	121	50				T2240-2430	106	106	T2280-2430	104	141
51	2	2.1/2		-3240	T2250-3240	152	63				T2240-3240	136	132	T2280-3240	136	222

### JIS T2220 (T222) T2120 (T212)

JAPANESE INDUSTRIAL STANDARD (JIS)  
BSPP THREAD FORM  
60° CONVEX / CONCAVE SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPP MALE 60° CONVEX SEAT (JIS)		BSPP FEMALE 60° CONCAVE SEAT (JIS)	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	T2220-0404	31	T2120-0404	21
10	3/8	3/8	-0606	T2220-0606	35	T2120-0606	22
10	3/8	1/2	-0608			T2120-0608	26
12	1/2	1/2	-0808	T2220-0808	39	T2120-0808	27
19	3/4	3/4	-1212			T2120-1212	26
25	1	1	-1616			T2120-1616	32

**NOTE:** These T2220 and T2120 Series Couplings are also listed in the BSP section on page 189.

**NOTE:** Hose Compatibility for the T2000 series can be found on page 188.

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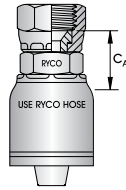
# COUPLINGS

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### JIS

**T2680**  
(T268)

JAPANESE INDUSTRIAL  
STANDARD (JIS)  
"KOMATSU"  
METRIC THREAD FORM  
60° CONCAVE SEAT



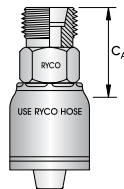
HOSE SIZE		THRD SIZE	DASH SIZE	METRIC FEMALE 60° CONCAVE SEAT (JIS)	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	14x1,5	-0414	<b>T2680-0414</b>	20
8	5/16	16x1,5	-0516	<b>T2680-0516</b>	20
10	3/8	18x1,5	-0618	<b>T2680-0618</b>	22
10	3/8	22x1,5	-0622	<b>T2680-0622</b>	26
12	1/2	22x1,5	-0822	<b>T2680-0822</b>	25
12	1/2	24x1,5	-0824	<b>T2680-0824</b>	32
16	5/8	24x1,5	-1024	<b>T2680-1024</b>	25
16	5/8	30x1,5	-1030	<b>T2680-1030</b>	30
19	3/4	24x1,5	-1224	<b>T2680-1224</b>	27
19	3/4	30x1,5	-1230	<b>T2680-1230</b>	30
19	3/4	33x1,5	-1233	<b>T2680-1233</b>	30
25	1	33x1,5	-1633	<b>T2680-1633</b>	28
31	1.1/4	36x1,5	-2036	<b>T2680-2036</b>	31
31	1.1/4	42x1,5	-2042	<b>T2680-2042</b>	32

**NOTE:** These T2680 Series Couplings are also listed in the **METRIC** section on page 200.

### METRIC

**T2650**  
(T265)

DKL  
METRIC (LIGHT)  
24° CONE

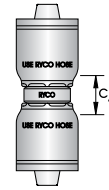


HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	DKL MALE 24° CONE	
DN	inch	mm	mm		PART NO	C <sub>A</sub>
6	1/4	12x1,5	6	-0412	<b>T2650-0412</b>	25
6	1/4	14x1,5	8	-0414	<b>T2650-0414</b>	25
6	1/4	16x1,5	10	-0416	<b>T2650-0416</b>	26
8	5/16	16x1,5	10	-0516	<b>T2650-0516</b>	29
8	5/16	18x1,5	12	-0518	<b>T2650-0518</b>	26
10	3/8	16x1,5	10	-0616	<b>T2650-0616</b>	29
10	3/8	18x1,5	12	-0618	<b>T2650-0618</b>	29
10	3/8	22x1,5	15	-0622	<b>T2650-0622</b>	24
12	1/2	22x1,5	15	-0822	<b>T2650-0822</b>	32
12	1/2	26x1,5	18	-0826	<b>T2650-0826</b>	32
16	5/8	26x1,5	18	-1026	<b>T2650-1026</b>	29
19	3/4	30x2,0	22	-1230	<b>T2650-1230</b>	31
25	1	36x2,0	28	-1636	<b>T2650-1636</b>	37

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

### JOINER

**T2900**  
(T290)



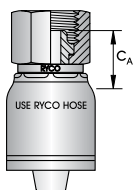
HOSE SIZE		THRD SIZE	DASH SIZE	JOINER	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>T2900-0404</b>	14
8	5/16	5/16	-0505	<b>T2900-0505</b>	14
10	3/8	3/8	-0606	<b>T2900-0606</b>	15
12	1/2	1/2	-0808	<b>T2900-0808</b>	15
16	5/8	5/8	-1010	<b>T2900-1010</b>	15
19	3/4	3/4	-1212	<b>T2900-1212</b>	15
25	1	1	-1616	<b>T2900-1616</b>	25
31	1.1/4	1.1/4	-2020	<b>T2900-2020</b>	25
38	1.1/2	1.1/2	-2424	<b>T2900-2424</b>	26
51	2	2	-3232	<b>T2900-3232</b>	26
63	2.1/2	2.1/2	-4040	<b>T2900-4040</b>	26
76	3	3	-4848	<b>T2900-4848</b>	

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

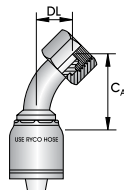
### METRIC

DKL  
METRIC (LIGHT)  
RYCO DKL FEMALE SWIVELS  
UP TO M26 SIZE HAVE  
MULTISEAL DKL 24° AND DKM  
60° CONE. M30 AND OVER HAVE  
DKL 24° CONE ONLY.

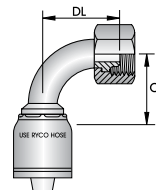
**T2600**  
(T260)



**T2660**  
(T266)



**T2670**  
(T267)

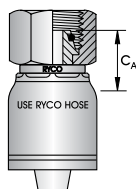


HOSE SIZE				THRD SIZE	TUBE SIZE	DASH SIZE	DKL FEMALE 24°/60° CONE	DKL FEMALE 24°/60° CONE 45° TUBE BEND	DKL FEMALE 24°/60° CONE 90° TUBE BEND			
DN	inch	mm	mm		PART NO	C <sub>A</sub>	PART NO	CA	DL	PART NO	C <sub>A</sub>	DL
6	1/4	12x1,5	6	-0412	<b>T2600-0412</b>	21	<b>T2660-0412</b>	36	18	<b>T2670-0412</b>	27	31
6	1/4	14x1,5	8	-0414	<b>T2600-0414</b>	21	<b>T2660-0414</b>	36	17	<b>T2670-0414</b>	27	31
6	1/4	16x1,5	10	-0416	<b>T2600-0416</b>	23				<b>T2670-0416</b>	27	32
8	5/16	16x1,5	10	-0516	<b>T2600-0516</b>	23	<b>T2660-0516</b>	45	20	<b>T2670-0516</b>	35	35
8	5/16	18x1,5	12	-0518	<b>T2600-0518</b>	25						
10	3/8	16x1,5	10	-0616	<b>T2600-0616</b>	23	<b>T2660-0616</b>	45	20	<b>T2670-0616</b>	35	35
10	3/8	18x1,5	12	-0618	<b>T2600-0618</b>	23	<b>T2660-0618</b>	45	20	<b>T2670-0618</b>	35	35
12	1/2	22x1,5	15	-0822	<b>T2600-0822</b>	25	<b>T2660-0822</b>	60	22	<b>T2670-0822</b>	40	44
12	1/2	26x1,5	18	-0826	<b>T2600-0826</b>	26	<b>T2660-0826</b>	50	22	<b>T2670-0826</b>	41	53
16	5/8	26x1,5	18	-1026	<b>T2600-1026</b>	26	<b>T2660-1026</b>	60	28	<b>T2670-1026</b>	48	53
19	3/4	30x2,0	22	-1230	<b>T2600-1230</b>	26	<b>T2660-1230</b>	73	32	<b>T2670-1230</b>	56	64
25	1	36x2,0	28	-1636	<b>T2600-1636</b>	28	<b>T2660-1636</b>	82	42	<b>T2670-1636</b>	69	73
31	1.1/4	45x2,0	35	-2045	<b>T2600-2045</b>	34						

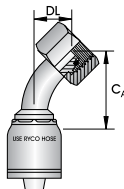
### METRIC

DKOL  
METRIC O RING (LIGHT)  
24° CONE

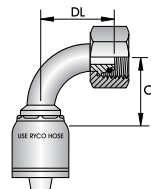
**T2501**  
(T250 & T250R)



**T2510**  
(T251)



**T2520**  
(T252)



HOSE SIZE				THRD SIZE	TUBE SIZE	DASH SIZE	DKOL FEMALE 24° CONE	DKOL FEMALE 24° CONE 45° TUBE BEND	DKOL FEMALE 24° CONE 90° TUBE BEND			
DN	inch	mm	mm		PART NO	C <sub>A</sub>	PART NO	CA	DL	PART NO	C <sub>A</sub>	DL
6	1/4	12x1,5	6	-0412	<b>T2501-0412</b>	21	<b>T2510-0412</b>	36	18	<b>T2520-0412</b>	26	31
6	1/4	14x1,5	8	-0414	<b>T2501-0414</b>	22	<b>T2510-0414</b>	35	17	<b>T2520-0414</b>	26	31
6	1/4	16x1,5	10	-0416	<b>T2501-0416</b>	22						
8	5/16	14x1,5	8	-0514	<b>T2501-0514</b>	22						
8	5/16	16x1,5	10	-0516	<b>T2501-0516</b>	23	<b>T2510-0516</b>	45	20	<b>T2520-0516</b>	35	35
8	5/16	18x1,5	12	-0518	<b>T2501-0518</b>	23	<b>T2510-0518</b>	45	20	<b>T2520-0518</b>	35	35
10	3/8	16x1,5	10	-0616	<b>T2501-0616</b>	23	<b>T2510-0616</b>	45	20	<b>T2520-0616</b>	36	35
10	3/8	18x1,5	12	-0618	<b>T2501-0618</b>	23	<b>T2510-0618</b>	45	20	<b>T2520-0618</b>	36	35
12	1/2	22x1,5	15	-0822	<b>T2501-0822</b>	26	<b>T2510-0822</b>	51	22	<b>T2520-0822</b>	40	44
12	1/2	26x1,5	18	-0826	<b>T2501-0826</b>	29	<b>T2510-0826</b>	53	24	<b>T2520-0826</b>	40	48
16	5/8	26x1,5	18	-1026	<b>T2501-1026</b>	26	<b>T2510-1026</b>	59	28	<b>T2520-1026</b>	48	54
19	3/4	26x1,5	18	-1226	<b>T2501-1226</b>	28						
19	3/4	30x2,0	22	-1230	<b>T2501-1230</b>	27	<b>T2510-1230</b>	73	31	<b>T2520-1230</b>	56	65
25	1	36x2,0	28	-1636	<b>T2501-1636</b>	33	<b>T2510-1636</b>	91	46	<b>T2520-1636</b>	69	79
31	1.1/4	45x2,0	35	-2045	<b>T2501-2045</b>		<b>T2510-2045</b>	101	40	<b>T2520-2045</b>	88	72
38	1.1/2	52x2,0	42	-2452	<b>T2501-2452</b>		<b>T2510-2452</b>			<b>T2520-2452</b>		

**NOTE:** Hose Compatibility for the T2000 series can be found on page 188.

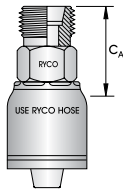
# COUPLINGS

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

**METRIC**

**T2630**  
(T263)

**DKS**  
**METRIC (HEAVY)**  
**24° CONE**



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	DKS MALE 24° CONE	PART NO	C <sub>A</sub>
6	1/4	16x1,5	8	-0416	<b>T2630-0416</b>	27
6	1/4	18x1,5	10	-0418	<b>T2630-0418</b>	23
8	5/16	20x1,5	12	-0520	<b>T2630-0520</b>	30
10	3/8	20x1,5	12	-0620	<b>T2630-0620</b>	30
10	3/8	22x1,5	14	-0622	<b>T2630-0622</b>	29
12	1/2	24x1,5	16	-0824	<b>T2630-0824</b>	30
16	5/8	30x2,0	20	-1030	<b>T2630-1030</b>	31
19	3/4	30x2,0	20	-1230	<b>T2630-1230</b>	35
19	3/4	36x2,0	25	-1236	<b>T2630-1236</b>	37
25	1	42x2,0	30	-1642	<b>T2630-1642</b>	43
31	1.1/4	52x2,0	38	-2052	<b>T2630-2052</b>	47

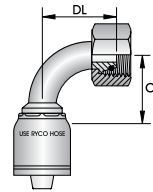
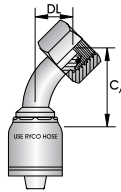
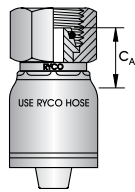
**METRIC**

**T2711**  
(T271)

**T2720**  
(T272)

**T2730**  
(T273)

**DKOS**  
**METRIC O RING (HEAVY)**  
**24° CONE**



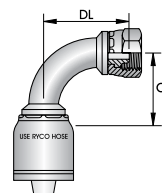
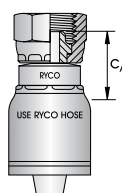
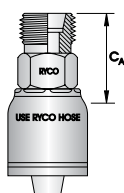
HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	DKOS FEMALE 24° CONE	DKOS FEMALE 24° CONE 45° TUBE BEND	DKOS FEMALE 24° CONE 90° TUBE BEND
6	1/4	14x1,5	6	-0414	<b>T2711-0414</b>	<b>T2730-0414</b>
6	1/4	16x1,5	8	-0416	<b>T2711-0416</b>	<b>T2730-0416</b>
6	1/4	18x1,5	10	-0418	<b>T2711-0418</b>	<b>T2730-0418</b>
8	5/16	18x1,5	10	-0518	<b>T2711-0518</b>	
8	5/16	20x1,5	12	-0520	<b>T2711-0520</b>	<b>T2730-0520</b>
10	3/8	20x1,5	12	-0620	<b>T2711-0620</b>	<b>T2730-0620</b>
10	3/8	22x1,5	14	-0622	<b>T2711-0622</b>	<b>T2730-0622</b>
10	3/8	24x1,5	16	-0624	<b>T2711-0624</b>	
12	1/2	24x1,5	16	-0824	<b>T2711-0824</b>	<b>T2730-0824</b>
16	5/8	30x2,0	20	-1030	<b>T2711-1030</b>	<b>T2730-1030</b>
19	3/4	30x2,0	20	-1230	<b>T2711-1230</b>	<b>T2730-1230</b>
19	3/4	36x2,0	25	-1236	<b>T2711-1236</b>	<b>T2730-1236</b>
25	1	42x2,0	30	-1642	<b>T2711-1642</b>	<b>T2730-1642</b>
31	1.1/4	52x2,0	38	-2052	<b>T2711-2052</b>	<b>T2730-2052</b>

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### METRIC T2920 (T292) T2921 (T292F) T2923 (T292G)

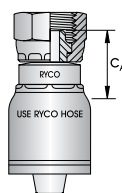
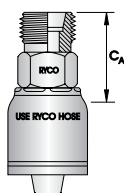
FRENCH GAZ  
24° CONE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	METRIC FRENCH GAZ MALE		METRIC FRENCH GAZ FEMALE		METRIC FRENCH GAZ FEMALE 90° TUBE BEND		
DN	inch	mm	mm		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
6	1/4	20x1,5	13,25	-0420							
8	5/16	20x1,5	13,25	-0520							
10	3/8	20x1,5	13,25	-0620							
12	1/2	24x1,5	16,75	-0824							
16	5/8	30x1,5	21,25	-1030							
19	3/4	36x1,5	26,75	-1236							
25	1	45x1,5	33,50	-1645							

### METRIC T2924 (T292M) T2925 (T292N)

FRENCH MILLIMETRIC  
24° CONE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	METRIC FRENCH MILLIMETRIC MALE		METRIC FRENCH MILLIMETRIC FEMALE	
DN	inch	mm	mm		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
16	5/8	27x1,5	20	-1027				
19	3/4	30x1,5	22	-1230				
19	3/4	33x1,5	25	-1233				
19	3/4	36x1,5	28	-1236				
25	1	36x1,5	28	-1636				
25	1	39x1,5	30	-1639				

INTRODUCTION

HOSE

COUPLINGS

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**NOTE:** Hose Compatibility for the T2000 series can be found on page 188.

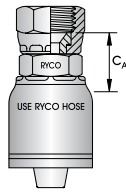
# COUPLINGS

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### METRIC

### T2680 (T268)

JAPANESE INDUSTRIAL  
STANDARD (JIS)  
"KOMATSU"  
METRIC THREAD FORM  
60° CONCAVE SEAT



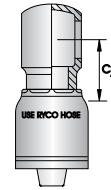
HOSE SIZE		THRD SIZE	DASH SIZE	METRIC FEMALE 60° CONCAVE SEAT (JIS)	
DN	inch	mm		PART NO	C <sub>A</sub>
6	1/4	14x1,5	-0414	<b>T2680-0414</b>	20
8	5/16	16x1,5	-0516	<b>T2680-0516</b>	20
10	3/8	18x1,5	-0618	<b>T2680-0618</b>	22
10	3/8	22x1,5	-0622	<b>T2680-0622</b>	26
12	1/2	22x1,5	-0822	<b>T2680-0822</b>	25
12	1/2	24x1,5	-0824	<b>T2680-0824</b>	32
16	5/8	24x1,5	-1024	<b>T2680-1024</b>	25
16	5/8	30x1,5	-1030	<b>T2680-1030</b>	30
19	3/4	24x1,5	-1224	<b>T2680-1224</b>	27
19	3/4	30x1,5	-1230	<b>T2680-1230</b>	30
19	3/4	33x1,5	-1233	<b>T2680-1233</b>	30
25	1	33x1,5	-1633	<b>T2680-1633</b>	30
31	1.1/4	36x1,5	-2036	<b>T2680-2036</b>	31
31	1.1/4	42x1,5	-2042	<b>T2680-2042</b>	32

**NOTE:** These T2680 Series Couplings are also listed in the JIS section on page 196.

### METRIC

### T2470

STRAIGHT



HOSE SIZE		THRD SIZE	DASH SIZE	METRIC BANJO	
DN	inch	mm		PART NO	C <sub>A</sub>
6	1/4	12	-0412	<b>T2470-0412</b>	23
6	1/4	14	-0414	<b>T2470-0414</b>	25
8	5/16	14	-0514	<b>T2470-0514</b>	25
8	5/16	16	-0516	<b>T2470-0516</b>	26
10	3/8	12	-0612	<b>T2470-0612</b>	26
10	3/8	14	-0614	<b>T2470-0614</b>	27
10	3/8	16	-0616	<b>T2470-0616</b>	27
10	3/8	18	-0618	<b>T2470-0618</b>	29
10	3/8	20	-0620	<b>T2470-0620</b>	30
10	3/8	22	-0622	<b>T2470-0622</b>	30
12	1/2	18	-0818	<b>T2470-0818</b>	30
12	1/2	22	-0822	<b>T2470-0822</b>	30
16	5/8	22	-1022	<b>T2470-1022</b>	30
16	5/8	26	-1026	<b>T2470-1026</b>	31
19	3/4	26	-1226	<b>T2470-1226</b>	38
19	3/4	30	-1230	<b>T2470-1230</b>	
19	3/4	36	-1236	<b>T2470-1236</b>	
25	1	30	-1630	<b>T2470-1630</b>	38
25	1	36	-1636	<b>T2470-1636</b>	

**NOTE:** Other configurations available on request. For BBM Banjo Bolt see page 366 and MBD Seal see page 337.

**NOTE:** Hose Compatibility for the T2000 series can be found on page 188.

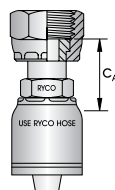
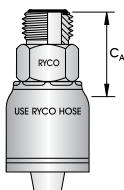
## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### ORFS

**T2840**  
(T284)

**T2800**  
(T280)

**O RING  
FACE SEAL**



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	ORFS MALE	ORFS FEMALE		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	9/16	1/4	-0409	<b>T2840-0409</b>	25	<b>T2800-0409</b>	28
6	1/4	11/16	3/8	-0411	<b>T2840-0411</b>	26	<b>T2800-0411</b>	32
8	5/16	11/16	3/8	-0511			<b>T2800-0511</b>	33
10	3/8	9/16	1/4	-0609			<b>T2800-0609</b>	29
10	3/8	11/16	3/8	-0611	<b>T2840-0611</b>	29	<b>T2800-0611</b>	31
10	3/8	13/16	1/2	-0613	<b>T2840-0613</b>	31	<b>T2800-0613</b>	34
12	1/2	11/16	3/8	-0811			<b>T2800-0811</b>	31
12	1/2	13/16	1/2	-0813	<b>T2840-0813</b>	33	<b>T2800-0813</b>	34
12	1/2	1	5/8	-0816	<b>T2840-0816</b>	36	<b>T2800-0816</b>	40
12	1/2	1.3/16	3/4	-0819			<b>T2800-0819</b>	43
16	5/8	1	5/8	-1016	<b>T2840-1016</b>	37	<b>T2800-1016</b>	38
16	5/8	1.3/16	3/4	-1019	<b>T2840-1019</b>	38	<b>T2800-1019</b>	43
19	3/4	1	5/8	-1216			<b>T2800-1216</b>	38
19	3/4	1.3/16	3/4	-1219	<b>T2840-1219</b>	38	<b>T2800-1219</b>	43
19	3/4	1.7/16	1	-1223	<b>T2840-1223</b>	38	<b>T2800-1223</b>	52
25	1	1.7/16	1	-1623	<b>T2840-1623</b>	41	<b>T2800-1623</b>	54
31	1.1/4	1.11/16	1.1/4	-2027	<b>T2840-2027</b>	45	<b>T2800-2027</b>	59

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

# COUPLINGS

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### ORFS

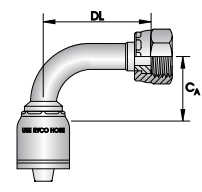
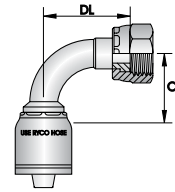
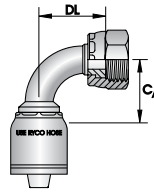
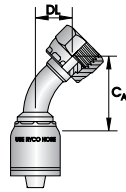
**T2810**  
(T281)

**T2823**  
(T282S)

**T2820**  
(T282)

**T2830**  
(T283)

O RING  
FACE SEAL

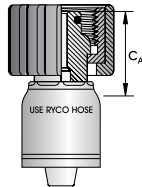


HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE 45° TUBE BEND			ORFS FEMALE 90° SHORT BEND			ORFS FEMALE 90° MEDIUM BEND			ORFS FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	9/16	1/4	-0409	<b>T2810-0409</b>	39	18	<b>T2823-0409</b>	27	21	<b>T2820-0409</b>	28	32	<b>T2830-0409</b>	28	47
6	1/4	11/16	3/8	-0411	<b>T2810-0411</b>	39	18	<b>T2823-0411</b>	26	26	<b>T2820-0411</b>	28	38	<b>T2830-0411</b>	28	55
8	5/16	11/16	3/8	-0511							<b>T2820-0511</b>	34	38			
10	3/8	11/16	3/8	-0611	<b>T2810-0611</b>	45	20	<b>T2823-0611</b>	32	24	<b>T2820-0611</b>	34	38	<b>T2830-0611</b>	32	54
10	3/8	13/16	1/2	-0613	<b>T2810-0613</b>	40	17	<b>T2823-0613</b>	35	29	<b>T2820-0613</b>	34	41	<b>T2830-0613</b>	32	64
12	1/2	13/16	1/2	-0813	<b>T2810-0813</b>	49	19	<b>T2823-0813</b>	43	30	<b>T2820-0813</b>	41	41	<b>T2830-0813</b>	42	65
12	1/2	1	5/8	-0816	<b>T2810-0816</b>	46	19	<b>T2823-0816</b>	42	35	<b>T2820-0816</b>	43	47	<b>T2830-0816</b>	46	70
12	1/2	1.3/16	3/4	-0819				<b>T2823-0819</b>	42	48	<b>T2820-0819</b>	41	58	<b>T2830-0819</b>	46	96
16	5/8	1	5/8	-1016	<b>T2810-1016</b>	59	20	<b>T2823-1016</b>	40	32	<b>T2820-1016</b>	47	47	<b>T2830-1016</b>	51	70
16	5/8	1.3/16	3/4	-1019	<b>T2810-1019</b>	58	24	<b>T2823-1019</b>	40	48	<b>T2820-1019</b>	46	58	<b>T2830-1019</b>	50	96
19	3/4	13/16	1/2	-1213							<b>T2820-1213</b>	41	41			
19	3/4	1.3/16	3/4	-1219	<b>T2810-1219</b>	64	29	<b>T2823-1219</b>	56	49	<b>T2820-1219</b>	54	59	<b>T2830-1219</b>	58	96
19	3/4	1.7/16	1	-1223	<b>T2810-1223</b>	60	26	<b>T2823-1223</b>	55	56	<b>T2820-1223</b>	54	71	<b>T2830-1223</b>	55	114
25	1	1.7/16	1	-1623	<b>T2810-1623</b>	86	34	<b>T2823-1623</b>	64	56	<b>T2820-1623</b>	67	71	<b>T2830-1623</b>	81	113
31	1.1/4	1.11/16	1.1/4	-2027	<b>T2810-2027</b>	125	45	<b>T2823-2027</b>			<b>T2820-2027</b>	84	90	<b>T2830-2027</b>	87	129

### PW

**T2940**  
(T294)

PRESSURE WASHER  
SUITS KARCHER STYLE

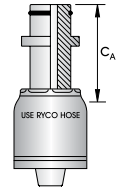


HOSE SIZE		THRD SIZE	DASH SIZE	PW FEMALE	
DN	inch	inch		PART NO	CA
6	1/4	22x1,5	-0422	<b>T2940-0422</b>	30
8	5/16	22x1,5	-0522	<b>T2940-0522</b>	30
10	3/8	22x1,5	-0622	<b>T2940-0622</b>	30

### PW

**T2950**  
(T295)

PRESSURE WASHER  
SUITS KARCHER STYLE



HOSE SIZE		TUBE OD	DASH SIZE	PW GUN HANDLE TUBE	
DN	inch	inch		PART NO	CA
6	1/4	9,8	-0410	<b>T2950-0410</b>	39
10	3/8				

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.



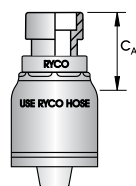
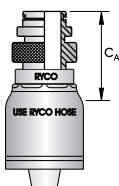
## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### RKVP

#### T2896

#### T2899

RKVP  
HIGH PRESSURE



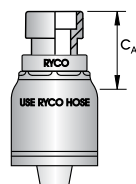
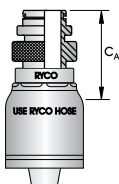
HOSE SIZE		RKVP SIZE	MAX WP	DASH SIZE	RKVP MALE		RKVP FEMALE	
DN	inch	mm	bar		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
10	3/8	10	450	-0610	<b>T2896-0610</b>	51	<b>T2899-0610</b>	34
12	1/2	12	450	-0812	<b>T2896-0812</b>	53	<b>T2899-0812</b>	37
16	5/8	20	420	-1020	<b>T2896-1020</b>	57	<b>T2899-1020</b>	38
19	3/4	20	420	-1220	<b>T2896-1220</b>	56	<b>T2899-1220</b>	39
25	1	25	420	-1625	<b>T2896-1625</b>	51	<b>T2899-1625</b>	47
31	1.1/4	32	420	-2032	<b>T2896-2032</b>	70	<b>T2899-2032</b>	57
38	1.1/2	40	420	-2440	<b>T2896-2440</b>	88	<b>T2899-2440</b>	61
51	2	50	420	-3250	<b>T2896-3250</b>	85	<b>T2899-3250</b>	63
63	2.1/2	63	350	-4063	<b>T2896-4063</b>	111	<b>T2899-4063</b>	78

### RKVF

#### T2890

#### T2894

RKVF  
HIGH FLOW



HOSE SIZE		RKVF SIZE	MAX WP	DASH SIZE	RKVF MALE		RKVF FEMALE	
DN	inch	mm	bar		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
51	2	50	165	-3250	<b>T2890-3250</b>	77	<b>T2894-3250</b>	54
63	2.1/2	63	70	-4063	<b>T2890-4063</b>	77	<b>T2894-4063</b>	53
76	3	75	70	-4875	<b>T2890-4875</b>		<b>T2894-4875</b>	

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

# COUPLINGS

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

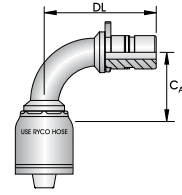
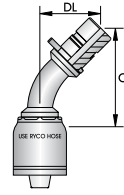
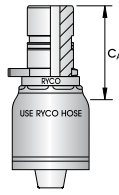
### RYCO WEO

**T2480**  
(T248)

**T2482**  
(T248B)

**T2483**  
(T248C)

RYCO WEO



HOSE SIZE			PLUG-IN SIZE		MAX WORKING PRESSURE		RYCO WEO MALE	RYCO WEO MALE 45° TUBE BEND	RYCO WEO MALE 90° TUBE BEND					
DN	Dash	inch	DN	inch	bar	psi	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
5	-03	3/16	6	1/4	350	5100	<b>T2480-0304</b>	31						
6	-04	1/4	6	1/4	350	5100	<b>T2480-0404</b>	31	<b>T2482-0404</b>	44	25	<b>T2483-0404</b>	29	40
6	-04	1/4	10	3/8	350	5100	<b>T2480-0406</b>	35						
8	-05	5/16	10	3/8	350	5100	<b>T2480-0506</b>	35	<b>T2482-0506</b>	54	27	<b>T2483-0506</b>	35	52
10	-06	3/8	10	3/8	350	5100	<b>T2480-0606</b>	35	<b>T2482-0606</b>	55	27	<b>T2483-0606</b>	35	52
10	-06	3/8	12	1/2	350	5100	<b>T2480-0608</b>	35				<b>T2483-0608</b>	35	54
12	-08	1/2	12	1/2	350	5100	<b>T2480-0808</b>	36	<b>T2482-0808</b>	59	31	<b>T2483-0808</b>	38	58
12	-08	1/2	19	3/4	350	5100	<b>T2480-0812</b>	47						
16	-10	5/8	19	3/4	350	5100	<b>T2480-1012</b>	45	<b>T2482-1012</b>	72	40	<b>T2483-1012</b>	44	73
19	-12	3/4	19	3/4	350	5100	<b>T2480-1212</b>	45	<b>T2482-1212</b>	82	43	<b>T2483-1212</b>	54	82
25	-16	1	25	1	250	3600	<b>T2480-1616</b>	56	<b>T2482-1616</b>	105	53	<b>T2483-1616</b>	72	97

**NOTE:** RYCO WEO male and female couplings and adaptors do not contain a shut-off valve. When not in use, cap the RYCO WEO male using the appropriate size RW811 series stop cap and plug the RYCO WEO female/cartridge using the appropriate size RW723 series stop plug.

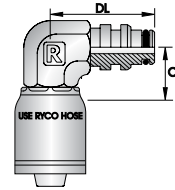
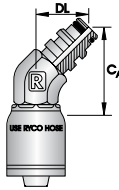
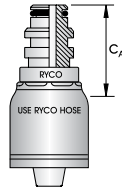
### STAPLELOK

**T2870**  
(T287)

**T2871**  
(T288)

**T2872**  
(T289)

STAPLE  
O RING & BACK UP RING  
SUPPLIED



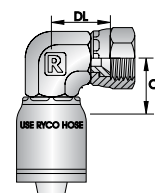
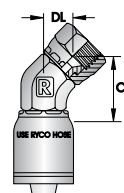
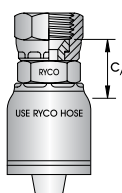
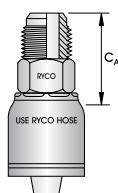
HOSE SIZE			STAPLE SIZE	DASH SIZE	STAPLELOK MALE	STAPLELOK MALE 45° ELBOW	STAPLELOK MALE 90° ELBOW					
DN	inch	mm			PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	6	-0406		<b>T2870-0406</b>	39	<b>T2871-0406</b>	44	28	<b>T2872-0406</b>	21	46
6	1/4	10	-0410		<b>T2870-0410</b>	39	<b>T2871-0410</b>	45	28	<b>T2872-0410</b>	22	46
10	3/8	10	-0610		<b>T2870-0610</b>	38	<b>T2871-0610</b>	43	28	<b>T2872-0610</b>	21	46
12	1/2	13	-0812		<b>T2870-0812</b>	41	<b>T2871-0812</b>	47	28	<b>T2872-0812</b>	31	50
12	1/2	16	-0816		<b>T2870-0816</b>	41						
16	5/8	13	-1012		<b>T2870-1012</b>	39						
16	5/8	16	-1016		<b>T2870-1016</b>	39	<b>T2871-1016</b>	45	28	<b>T2872-1016</b>	34	53
19	3/4	20	-1220		<b>T2870-1220</b>	38	<b>T2871-1220</b>	57	33	<b>T2872-1220</b>	35	56
25	1	25	-1625		<b>T2870-1625</b>	50	<b>T2871-1625</b>	63	37	<b>T2872-1625</b>	45	68
31	1.1/4	32	-2032		<b>T2870-2032</b>	50	<b>T2871-2032</b>	65	37	<b>T2872-2032</b>	50	68
38	1.1/2	40	-2440		<b>T2870-2440</b>	60	<b>T2871-2440</b>	82	44	<b>T2872-2440</b>	61	85
51	2	50	-3250		<b>T2870-3250</b>	58	<b>T2871-3250</b>	87	46	<b>T2872-3250</b>	64	95
63	2.1/2	63	-4063		<b>T2870-4063</b>	93	<b>T2871-4063</b>	112	69	<b>T2872-4063</b>	80	137
76	3	75	-4875		<b>T2870-4875</b>							

**NOTE:** Hose Compatibility for the T2000 series can be found on page 188.

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### SAE T2530 (T253) T2540 (T254) T2580 (T258) T2570 (T257)

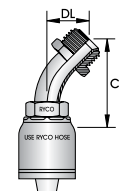
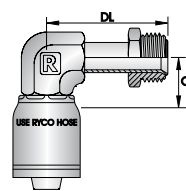
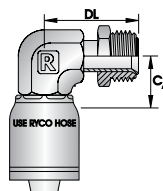
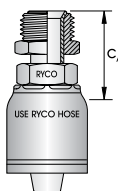
45° FLARE



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	SAE MALE		SAE FEMALE		SAE FEMALE 45° ELBOW			SAE FEMALE 90° ELBOW			
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407			<b>T2540-0407</b>	19						
6	1/4	5/8	3/8	-0410	<b>T2530-0410</b>	31	<b>T2540-0410</b>	21						
10	3/8	1/2	5/16	-0608	<b>T2530-0608</b>	32	<b>T2540-0608</b>	20	<b>T2580-0608</b>	32	14	<b>T2570-0608</b>	23	22
10	3/8	5/8	3/8	-0610	<b>T2530-0610</b>	34	<b>T2540-0610</b>	20	<b>T2580-0610</b>	32	15	<b>T2570-0610</b>	23	23
19	3/4	1.1/16	3/4	-1217			<b>T2540-1217</b>	26						

### SAE T2740 (T274) T2780 (T278) T2790 (T279) T2750 (T275)

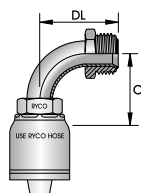
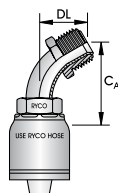
INVERTED MALE FLARE



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE		SAE INVERTED MALE FLARE 90° ELBOW		SAE INVERTED MALE FLARE 90° EXTENDED ELBOW			SAE INVERTED MALE FLARE 45° TUBE BEND				
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	<b>T2740-0407</b>	40									
10	3/8	5/8	3/8	-0610	<b>T2740-0610</b>	41	<b>T2780-0610</b>	18	32	<b>T2790-0610</b>	18	60	<b>T2750-0610</b>	74	23
10	3/8	11/16	7/16	-0611	<b>T2740-0611</b>	45	<b>T2780-0611</b>	18	36						

### SAE T2760 (T276) T2770 (T277)

INVERTED MALE FLARE



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE 60° TUBE BEND			SAE INVERTED MALE FLARE 90° TUBE BEND			
DN	inch	inch	inch	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
6	1/4	7/16	1/4	-0407	<b>T2760-0407</b>	63	29	<b>T2770-0407</b>	44	38
10	3/8	5/8	3/8	-0610				<b>T2770-0610</b>	56	50

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

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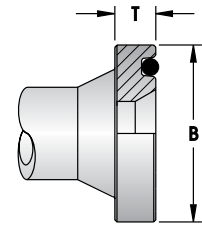
TECHNICAL

# COUPLINGS

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### DIMENSIONS FOR SAE CODE 61 AND CODE 62 FLANGES, AND RYCO CODE 62C FLANGES

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C				
	B		T		B		T		B		T		
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305					
*5/8	34,0	1.34	6,73	0.265									
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559	
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559	
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559	
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559	
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495	79,4	3.13	14,20	0.559	
2.1/2	84,1	3.31	9,53	0.375									
3	101,6	4.00	9,53	0.375									



**NOTE:** \*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.  
RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

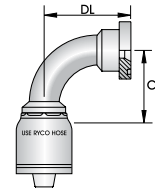
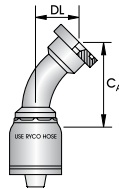
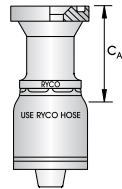
### SAE FLANGE

**T2130**  
(T213)

**T2150**  
(T215)

**T2170**  
(T217)

**RYCO**  
**CODE 61**  
**CLAMPS - SEE PAGES 345 & 346**  
**\*[5/8 KOMATSU]**  
**O RING NOT SUPPLIED**



HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND					
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	1/2	-0808	<b>T2130-0808</b>	45	<b>T2150-0808</b>	49	20	<b>T2170-0808</b>	41	41
12	1/2	3/4	-0812	<b>T2130-0812</b>	47	<b>T2150-0812</b>	51	24	<b>T2170-0812</b>	41	46
16	5/8	*5/8	-1010	<b>T2130-1010</b>	43	<b>T2150-1010</b>	56	24	<b>T2170-1010</b>	47	48
19	3/4	*5/8	-1210	<b>T2130-1210</b>	45	<b>T2150-1210</b>	56	26			
19	3/4	3/4	-1212	<b>T2130-1212</b>	46	<b>T2150-1212</b>	65	26	<b>T2170-1212</b>	55	54
19	3/4	1	-1216	<b>T2130-1216</b>	50	<b>T2150-1216</b>	69	30	<b>T2170-1216</b>	55	60
25	1	1	-1616	<b>T2130-1616</b>	52	<b>T2150-1616</b>	81	30	<b>T2170-1616</b>	68	68
25	1	1.1/4	-1620	<b>T2130-1620</b>	57	<b>T2150-1620</b>	83	32	<b>T2170-1620</b>	70	69
25	1	1.1/2	-1624	<b>T2130-1624</b>	84	<b>T2150-1624</b>	85	33			
31	1.1/4	1	-2016	<b>T2130-2016</b>	85	<b>T2150-2016</b>	88	30	<b>T2170-2016</b>	78	68
31	1.1/4	1.1/4	-2020	<b>T2130-2020</b>	59	<b>T2150-2020</b>	100	36	<b>T2170-2020</b>	88	78
31	1.1/4	1.1/2	-2024	<b>T2130-2024</b>	85	<b>T2150-2024</b>	102	38	<b>T2170-2024</b>	88	81
38	1.1/2	1.1/2	-2424	<b>T2130-2424</b>	86	<b>T2150-2424</b>	115	42	<b>T2170-2424</b>	104	93
51	2	2	-3232	<b>T2130-3232</b>	96	<b>T2150-3232</b>	150	58	<b>T2170-3232</b>	137	130
63	2.1/2	2.1/2	-4040	<b>T2130-4040</b>	79	<b>T2150-4040</b>			<b>T2170-4040</b>		
76	3	3	-4848	<b>T2130-4848</b>							

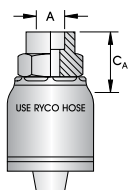
**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### SALVAGE

**T2230**  
(T223)

TUBE WELD



HOSE SIZE		A	DASH SIZE	SALVAGE (LIFESAVER)	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>T2230-0404</b>	18
6	1/4	5/16	-0405	<b>T2230-0405</b>	18
6	1/4	3/8	-0406	<b>T2230-0406</b>	18
10	3/8	3/8	-0606	<b>T2230-0606</b>	19
10	3/8	1/2	-0608	<b>T2230-0608</b>	19
12	1/2	1/2	-0808	<b>T2230-0808</b>	19
12	1/2	5/8	-0810	<b>T2230-0810</b>	21
16	5/8	5/8	-1010	<b>T2230-1010</b>	21
16	5/8	3/4	-1012	<b>T2230-1012</b>	21
19	3/4	3/4	-1212	<b>T2230-1212</b>	21
25	1	1	-1616	<b>T2230-1616</b>	27
31	1.1/4	1.1/4	-2020	<b>T2230-2020</b>	31
38	1.1/2	1.1/2	-2424	<b>T2230-2424</b>	41
51	2	2	-3232	<b>T2230-3232</b>	41

### STANDPIPE

**T2180**  
(T218)

IMPERIAL



HOSE SIZE		TUBE SIZE	DASH SIZE	IMPERIAL STANDPIPE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	3/8	-0406	<b>T2180-0406</b>	34
10	3/8	3/8	-0606	<b>T2180-0606</b>	35
12	1/2	1/2	-0808	<b>T2180-0808</b>	32
12	1/2	5/8	-0810	<b>T2180-0810</b>	42
19	3/4	3/4	-1212	<b>T2180-1212</b>	51
25	1	1	-1616	<b>T2180-1616</b>	57

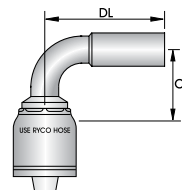
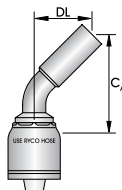
### STANDPIPE

**T2640**  
(T264)

**T2643**  
(T264B)

**T2646**  
(T264C)

METRIC



HOSE SIZE		TUBE SIZE	DASH SIZE	METRIC STANDPIPE	METRIC STANDPIPE 45° TUBE BEND	METRIC STANDPIPE 90° TUBE BEND
DN	inch	mm		PART NO	C <sub>A</sub>	DL
6	1/4	6	-0406	<b>T2640-0406</b>	31	
6	1/4	8	-0408	<b>T2640-0408</b>	31	
6	1/4	10	-0410	<b>T2640-0410</b>	32	
6	1/4	12	-0412	<b>T2640-0412</b>	32	
8	5/16	10	-0510	<b>T2640-0510</b>	32	
8	5/16	12	-0512	<b>T2640-0512</b>	32	
10	3/8	12	-0612	<b>T2640-0612</b>	32	
10	3/8	14	-0614	<b>T2640-0614</b>	38	
12	1/2	15	-0815	<b>T2640-0815</b>	39	
12	1/2	16	-0816	<b>T2640-0816</b>	39	
16	5/8	16	-1016	<b>T2640-1016</b>	39	
16	5/8	18	-1018	<b>T2640-1018</b>	35	
16	5/8	20	-1020	<b>T2640-1020</b>	45	
19	3/4	20	-1220	<b>T2640-1220</b>	45	
19	3/4	22	-1222	<b>T2640-1222</b>	37	
19	3/4	25	-1225	<b>T2640-1225</b>	45	

**NOTE:** See page 337 for DKL and DKS Metric Nuts and Olives for use with Metric Standpipe Fittings.

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

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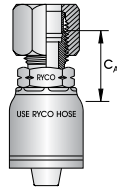
# COUPLINGS

## T2000 (T200) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### TUBE BITE

**T2850**  
(T285)

COMPLETE WITH NUT  
AND FLARELESS OLIVE



HOSE SIZE	TUBE SIZE	DASH SIZE	TUBE BITE		
<b>DN</b>	<b>inch</b>	<b>inch</b>	<b>PART NO</b>		
6	1/4	1/4	-0404	<b>T2850-0404</b>	<b>C<sub>A</sub></b>
6	1/4	5/16	-0405	<b>T2850-0405</b>	27
10	3/8	5/16	-0605	<b>T2850-0605</b>	30
10	3/8	3/8	-0606	<b>T2850-0606</b>	30
10	3/8	1/2	-0608	<b>T2850-0608</b>	32
12	1/2	1/2	-0808	<b>T2850-0808</b>	34
12	1/2	5/8	-0810	<b>T2850-0810</b>	36
19	3/4	3/4	-1212	<b>T2850-1212</b>	39
25	1	1	-1616	<b>T2850-1616</b>	41

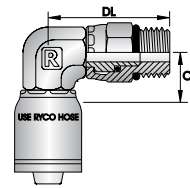
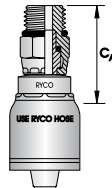
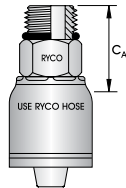
### UNO (O RING BOSS)

**T2200**  
(T220)

**T2380**  
(T238)

**T2390**  
(T239)

O RING SUPPLIED



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	UN O RING MALE	UN O RING MALE SWIVEL	UN O RING MALE SWIVEL 90° ELBOW					
<b>DN</b>	<b>inch</b>	<b>inch</b>	<b>inch</b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>DL</b>	
6	1/4	7/16	1/4	-0407	<b>T2200-0407</b>	25					
6	1/4	1/2	5/16	-0408	<b>T2200-0408</b>	25					
6	1/4	9/16	3/8	-0409	<b>T2200-0409</b>	25					
10	3/8	9/16	3/8	-0609	<b>T2200-0609</b>	28	<b>T2380-0609</b>	41	<b>T2390-0609</b>	23	36
10	3/8	3/4	1/2	-0612	<b>T2200-0612</b>	29	<b>T2380-0612</b>	41	<b>T2390-0612</b>	23	41
10	3/8	7/8	5/8	-0614	<b>T2200-0614</b>	28			<b>T2390-0614</b>	23	38
12	1/2	3/4	1/2	-0812	<b>T2200-0812</b>	31	<b>T2380-0812</b>	42	<b>T2390-0812</b>	29	43
12	1/2	7/8	5/8	-0814	<b>T2200-0814</b>	33	<b>T2380-0814</b>	43	<b>T2390-0814</b>	29	40
12	1/2	1.1/16	3/4	-0817	<b>T2200-0817</b>	32	<b>T2380-0817</b>	42			
16	5/8	7/8	5/8	-1014	<b>T2200-1014</b>	34	<b>T2380-1014</b>	42			
16	5/8	1.1/16	3/4	-1017	<b>T2200-1017</b>	32					
19	3/4	1.1/16	3/4	-1217	<b>T2200-1217</b>	36	<b>T2380-1217</b>	44	<b>T2390-1217</b>	30	44
19	3/4	1.5/16	1	-1221	<b>T2200-1221</b>	34					
25	1	1.5/16	1	-1621	<b>T2200-1621</b>	39					
31	1.1/4	1.5/8	1.1/4	-2026	<b>T2200-2026</b>	43					

**NOTE:** These "Live Swivel" **T2380** and **T2390** Series Inserts are for Maximum Working Pressure: 350 bar (5100 psi); -09 & -12 Thread Size, 280 bar (4100 psi); -14 & -17 Thread Size. Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

**NOTE:** Hose Compatibility for the **T2000** series can be found on page 188.

## T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### HOSE COMPATIBILITY FOR T4000 SERIES

#### NON-SKIVE

For RYCO Hose Series M2 sizes -04 to -12.  
 For RYCO Hose Series M2G sizes -04 to -12.  
 For RYCO Hose Series RQP5, T5 sizes -04 to -20.  
 For RYCO Hose Series MP1 sizes -04 to -20.

#### NON-SKIVE

For RYCO Hose Series TP7, TP7N, TP7T, TP7TN, TP3000 all sizes.  
 For RYCO Hose Series PL1, PL1D, RQP6, SR, SRF sizes -12 to -32.  
 For RYCO Hose Series CS1000, MS1000 (sizes -20 to -32).

### BSP

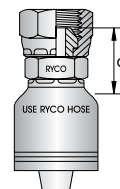
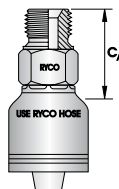
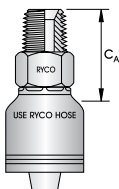
#### T4010 (T401)

#### T4013 (T401P)

#### T4320 (T432)

#### T4020 (T402)

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE		BSP MALE		BSPT MALE SWIVEL		BSP FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
	1/8	1/8	-0202					<b>T4320-0202</b>			
5	3/16	1/4	-0304	<b>T4010-0304</b>	30					<b>T4020-0304</b>	21
6	1/4	1/4	-0404	<b>T4010-0404</b>	30	<b>T4013-0404</b>	27			<b>T4020-0404</b>	24
8	5/16	1/4	-0504	<b>T4010-0504</b>	30					<b>T4020-0504</b>	22
10	3/8	1/4	-0604	<b>T4010-0604</b>	30					<b>T4020-0604</b>	22
10	3/8	3/8	-0606	<b>T4010-0606</b>	33	<b>T4013-0606</b>	33			<b>T4020-0606</b>	24
10	3/8	1/2	-0608	<b>T4010-0608</b>	38	<b>T4013-0608</b>	32			<b>T4020-0608</b>	27
12	1/2	3/8	-0806	<b>T4010-0806</b>	35						
12	1/2	1/2	-0808	<b>T4010-0808</b>	40	<b>T4013-0808</b>	31			<b>T4020-0808</b>	26
12	1/2	3/4	-0812							<b>T4020-0812</b>	30
16	5/8	5/8	-1010							<b>T4020-1010</b>	26
16	5/8	3/4	-1012	<b>T4010-1012</b>	41					<b>T4020-1012</b>	28
19	3/4	3/4	-1212	<b>T4010-1212</b>	41	<b>T4013-1212</b>	40			<b>T4020-1212</b>	28
25	1	1	-1616	<b>T4010-1616</b>	48	<b>T4013-1616</b>	45			<b>T4020-1616</b>	33
31	1.1/4	1.1/4	-2020	<b>T4010-2020</b>	53	<b>T4013-2020</b>	51			<b>T4020-2020</b>	43
38	1.1/2	1.1/2	-2424	<b>T4010-2424</b>	55					<b>T4020-2424</b>	45
51	2	2	-3232	<b>T4010-3232</b>	66					<b>T4020-3232</b>	54

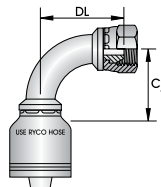
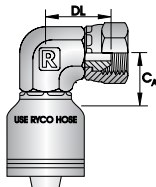
**NOTE:** This "Live Swivel" T4320 Series Insert is for Maximum Working Pressure: 420 bar (6100 psi): -02 Thread Size. Its swivel capability is to allow easy installation and orientation and avoid twisting of hose. It is not designed for continuous rotation or continuous movement.

### BSP

#### T4050 (T405)

#### T4260 (T426)

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSP FEMALE 90° ELBOW			BSP FEMALE 90° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404				<b>T4260-0404</b>	27	29
10	3/8	3/8	-0606				<b>T4260-0606</b>	35	33
10	3/8	1/2	-0608				<b>T4260-0608</b>	34	33
12	1/2	3/8	-0806				<b>T4260-0808</b>	40	45
12	1/2	1/2	-0808	<b>T4050-0808</b>	29	31			
12	1/2	3/4	-0812				<b>T4260-1010</b>	49	50
16	5/8	3/4	-1012				<b>T4260-1212</b>	55	58
19	3/4	3/4	-1212				<b>T4260-1616</b>	67	77

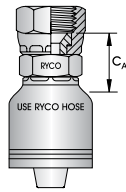
# COUPLINGS

## T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

**BSP**

**T4120**  
(T412)

**SPECIAL SEAT (JIS)**  
**BSPP THREAD FORM**  
**60° CONCAVE SEAT**



HOSE SIZE		THRD SIZE	DASH SIZE	BSPP FEMALE 60° CONCAVE SEAT (JIS)	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>T4120-0404</b>	21
10	3/8	3/8	-0606	<b>T4120-0606</b>	25
10	3/8	1/2	-0608	<b>T4120-0608</b>	26
12	1/2	1/2	-0808	<b>T4120-0808</b>	27
19	3/4	3/4	-1212	<b>T4120-1212</b>	26

**NOTE:** These **T4120** Series Couplings are also listed in the **JIS** section on page 212.

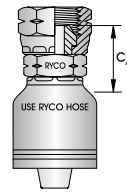
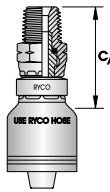
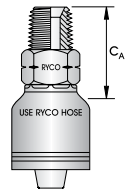
**NPT**

**T4090**  
(T409)

**T4320N**  
(T432N)

**T4020N**  
(T402N)

**60° SEAT**



HOSE SIZE		THRD SIZE	DASH SIZE	NPT MALE	NPTF MALE SWIVEL	NPSM FEMALE			
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
5	3/16	1/8	-0302	<b>T4090-0302</b>	24				
5	3/16	1/4	-0304	<b>T4090-0304</b>	30				
6	1/4	1/8	-0402	<b>T4090-0402</b>	25				
6	1/4	1/4	-0404	<b>T4090-0404</b>	30			<b>T4020N-0404</b>	24
8	5/16	1/4	-0504	<b>T4090-0504</b>	30				
8	5/16	3/8	-0506	<b>T4090-0506</b>	30				
10	3/8	1/4	-0604	<b>T4090-0604</b>	33				
10	3/8	3/8	-0606	<b>T4090-0606</b>	33			<b>T4020N-0606</b>	27
10	3/8	1/2	-0608	<b>T4090-0608</b>	38				
12	1/2	3/8	-0806	<b>T4090-0806</b>	35	<b>T4320N-0806</b>	42		
12	1/2	1/2	-0808	<b>T4090-0808</b>	40			<b>T4020N-0808</b>	25
12	1/2	3/4	-0812	<b>T4090-0812</b>	37				
16	5/8	3/4	-1012	<b>T4090-1012</b>	41				
19	3/4	3/4	-1212	<b>T4090-1212</b>	41				
22	7/8	1	-1416	<b>T4090-1416</b>	44				
25	1	1	-1616	<b>T4090-1616</b>	48				
29	1.1/8	1.1/4	-1820	<b>T4090-1820</b>	46				
31	1.1/4	1	-2016	<b>T4090-2016</b>	52				
31	1.1/4	1.1/4	-2020	<b>T4090-2020</b>	53				
35	1.3/8	1.1/2	-2224	<b>T4090-2224</b>	54				
38	1.1/2	1.1/2	-2424	<b>T4090-2424</b>	55				
46	1.13/16	2	-2932	<b>T4090-2932</b>	66				
51	2	2	-3232	<b>T4090-3232</b>	66				

**NOTE:** This "Live Swivel" **T4320N** Series Insert is for Maximum Working Pressure: 420 bar (6100 psi): -06 Thread Size. Its swivel capability is to allow easy installation and orientation and avoid twisting of hose. It is not designed for continuous rotation or continuous movement.

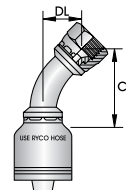
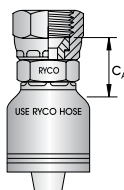
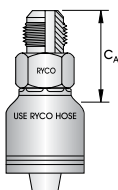
**NOTE:** Hose Compatibility for the **T4000** series can be found on page 209.



## T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

<b>JIC</b>	<b>T4030 (T403)</b>	<b>T4040 (T404)</b>	<b>T4250 (T425)</b>
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37° FLARE



					JIC MALE		JIC FEMALE		JIC FEMALE 45° TUBE BEND		
HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
5	3/16	7/16	1/4	-0307	<b>T4030-0307</b>	28	<b>T4040-0307</b>	22	<b>T4250-0307</b>	31	10
5	3/16	1/2	5/16	-0308			<b>T4040-0308</b>	22			
5	3/16	9/16	3/8	-0309			<b>T4040-0309</b>	22			
6	1/4	3/8	3/16	-0406			<b>T4040-0406</b>	22			
6	1/4	7/16	1/4	-0407	<b>T4030-0407</b>	29	<b>T4040-0407</b>	22	<b>T4250-0407</b>	31	10
6	1/4	1/2	5/16	-0408	<b>T4030-0408</b>	29	<b>T4040-0408</b>	22	<b>T4250-0408</b>	40	12
6	1/4	9/16	3/8	-0409	<b>T4030-0409</b>	30	<b>T4040-0409</b>	22	<b>T4250-0409</b>	40	12
8	5/16	1/2	5/16	-0508			<b>T4040-0508</b>	22			
8	5/16	9/16	3/8	-0509			<b>T4040-0509</b>	22	<b>T4250-0509</b>	39	11
8	5/16	3/4	1/2	-0512			<b>T4040-0512</b>	25			
10	3/8	7/16	1/4	-0607			<b>T4040-0607</b>	23			
10	3/8	9/16	3/8	-0609	<b>T4030-0609</b>	32	<b>T4040-0609</b>	22			
10	3/8	3/4	1/2	-0612	<b>T4030-0612</b>	35	<b>T4040-0612</b>	24			
12	1/2	9/16	3/8	-0809			<b>T4040-0809</b>	23			
12	1/2	3/4	1/2	-0812	<b>T4030-0812</b>	37	<b>T4040-0812</b>	25			
12	1/2	7/8	5/8	-0814	<b>T4030-0814</b>	39	<b>T4040-0814</b>	27			
12	1/2	1.1/16	3/4	-0817			<b>T4040-0817</b>	28			
16	5/8	7/8	5/8	-1014	<b>T4030-1014</b>	33	<b>T4040-1014</b>	27			
16	5/8	1.1/16	3/4	-1017	<b>T4030-1017</b>	43	<b>T4040-1017</b>	28	<b>T4250-1017</b>	54	24
19	3/4	7/8	5/8	-1214			<b>T4040-1214</b>	28			
19	3/4	1.1/16	3/4	-1217	<b>T4030-1217</b>	43	<b>T4040-1217</b>	29	<b>T4250-1217</b>	65	22
22	7/8	1.5/16		-1421			<b>T4040-1421</b>	34			
25	1	1.5/16	1	-1621			<b>T4040-1621</b>	36	<b>T4250-1621</b>	77	30
29	1.1/8	1.5/8		-1826			<b>T4040-1826</b>	41			
31	1.1/4	1.5/8	1.1/4	-2026			<b>T4040-2026</b>	44	<b>T4250-2026</b>	121	50
35	1.3/8	1.7/8		-2230			<b>T4040-2230</b>	48			
38	1.1/2	1.7/8	1.1/2	-2430			<b>T4040-2430</b>	49			
46	1.13/16	2.1/2		-2940			<b>T4040-2940</b>	60			
51	2	2.1/2	2	-3240			<b>T4040-3240</b>	60			

**NOTE:** Hose Compatibility for the **T4000** series can be found on page 209.

# COUPLINGS

## T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

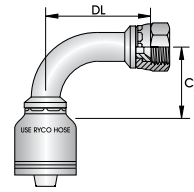
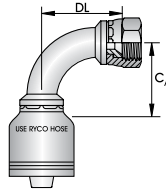
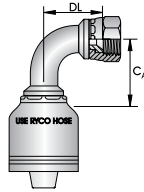
JIC

**T4243**  
(T424S)

**T4240**  
(T424)

**T4280**  
(T428)

37° FLARE

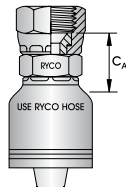


HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 90° SHORT BEND			JIC FEMALE 90° MEDIUM BEND			JIC FEMALE 90° LONG BEND		
DN	inch	inch	inch	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
5	3/16	7/16	1/4	-0307			<b>T4240-0307</b>	26	32			
6	1/4	7/16	1/4	-0407	<b>T4243-0407</b>	27	<b>T4240-0407</b>	26	32			
6	1/4	1/2	5/16	-0408			<b>T4240-0408</b>	26	32			
6	1/4	9/16	3/8	-0409	<b>T4243-0409</b>	27	<b>T4240-0409</b>	26	38			
8	5/16	9/16	3/8	-0509			<b>T4240-0509</b>	35	38	<b>T4280-0509</b>	36	55
10	3/8	9/16	3/8	-0609	<b>T4243-0609</b>	31	<b>T4240-0609</b>	35	38	<b>T4280-0609</b>	30	55
10	3/8	3/4	1/2	-0612			<b>T4240-0612</b>	35	41	<b>T4280-0612</b>	57	64
12	1/2	3/4	1/2	-0812	<b>T4243-0812</b>	43	<b>T4240-0812</b>	41	38			
12	1/2	7/8	5/8	-0814			<b>T4240-0814</b>	41	47			
16	5/8	1.1/16	3/4	-1017			<b>T4240-1017</b>	48	58			
19	3/4	1.1/16	3/4	-1217			<b>T4240-1217</b>	55	57			
25	1	1.5/16	1	-1621			<b>T4240-1621</b>	68	73			
<b>29</b>	<b>1.1/8</b>	<b>1.5/8</b>	<b>1.1/4</b>	<b>-1826</b>			<b>T4240-1826</b>	88	81			
31	1.1/4	1.5/8	1.1/4	-2026			<b>T4240-2026</b>	88	81			
51	2	2.1/2	2	-3240			<b>T4240-3240</b>	137	132			

JIS

**T4120**  
(T412)

JAPANESE INDUSTRIAL  
STANDARD (JIS)  
BSPP THREAD FORM  
60° CONCAVE SEAT



HOSE SIZE	THRD SIZE	DASH SIZE	BSPP FEMALE 60° CONCAVE (JIS)		
DN	inch	inch	PART NO	C <sub>A</sub>	
6	1/4	1/4	-0404	<b>T4120-0404</b>	21
10	3/8	3/8	-0606	<b>T4120-0606</b>	25
10	3/8	1/2	-0608	<b>T4120-0608</b>	26
12	1/2	1/2	-0808	<b>T4120-0808</b>	27
19	3/4	3/4	-1212	<b>T4120-1212</b>	26

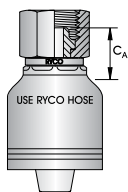
**NOTE:** These T4120 Series Couplings are also listed in the BSP section on page 210.

**NOTE:** Hose Compatibility for the T4000 series can be found on page 209.

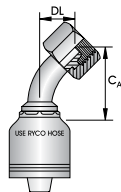
## T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### METRIC

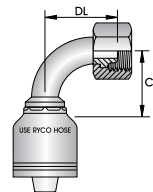
**T4600**  
(T460)



**T4660**  
(T466)



**T4670**  
(T467)

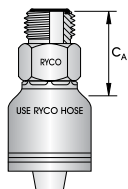


DKL  
METRIC (LIGHT)  
RYCO DKL FEMALE SWIVELS  
UP TO M26 SIZE HAVE  
MULTISEAL DKL 24° AND DKM  
60° CONE. M30 AND OVER HAVE  
DKL 24° CONE ONLY.

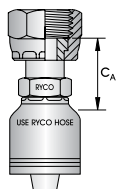
HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	DKL FEMALE 24°/60° CONE	DKL FEMALE 24°/60° CONE 45° TUBE BEND	DKL FEMALE 24°/60° CONE 90° TUBE BEND
<b>DN</b>	<b>inch</b>	<b>mm</b>	<b>mm</b>		<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>DL</b>
10	3/8	16x1,5	10	-0616	<b>T4600-0616</b>	23	<b>T4660-0616</b> 45 20 <b>T4670-0616</b> 35 35
10	3/8	18x1,5	12	-0618	<b>T4600-0618</b>	23	<b>T4660-0618</b> 45 20 <b>T4670-0618</b> 35 35
10	3/8	22x1,5	15	-0622	<b>T4600-0622</b>	26	<b>T4660-0622</b> 46 20 <b>T4670-0622</b> 34 37
19	3/4	30x2,0	22	-1230	<b>T4600-1230</b>	26	<b>T4660-1230</b> 73 32 <b>T4670-1230</b> 56 64

### ORFS

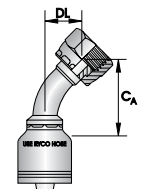
**T4840**  
(T484)



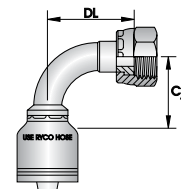
**T4800**  
(T480)



**T4810**  
(T481)



**T4820**  
(T482)



O RING  
FACE SEAL

HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	ORFS MALE	ORFS FEMALE	ORFS FEMALE 45° TUBE BEND	ORFS FEMALE 90° MEDIUM BEND							
<b>DN</b>	<b>inch</b>	<b>inch</b>	<b>inch</b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>DL</b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>DL</b>	
6	1/4	9/16	1/4	-0409	<b>T4840-0409</b>	25	<b>T4800-0409</b>	28	<b>T4810-0409</b>	39	18	<b>T4820-0409</b>	26	32
6	1/4	11/16	3/8	-0411	<b>T4840-0411</b>	26	<b>T4800-0411</b>	32				<b>T4820-0411</b>	28	38
8	5/16	13/16	1/2	-0513	<b>T4840-0513</b>	31	<b>T4800-0513</b>	32						
10	3/8	11/16	3/8	-0611	<b>T4840-0611</b>	29	<b>T4800-0611</b>	33	<b>T4810-0611</b>	45	20	<b>T4820-0611</b>	34	38
10	3/8	13/16	1/2	-0613	<b>T4840-0613</b>	31	<b>T4800-0613</b>	34	<b>T4810-0613</b>	40	17	<b>T4820-0613</b>	34	29
12	1/2	13/16	1/2	-0813	<b>T4840-0813</b>	33	<b>T4800-0813</b>	34	<b>T4810-0813</b>	49	19	<b>T4820-0813</b>	41	41
16	5/8	1	5/8	-1016	<b>T4840-1016</b>	37			<b>T4810-1016</b>	59	20			
19	3/4	1.3/16	3/4	-1219	<b>T4840-1219</b>	38	<b>T4800-1219</b>	43	<b>T4810-1219</b>	64	29	<b>T4820-1219</b>	54	59
19	3/4	1.7/16	1	-1223	<b>T4840-1223</b>	38	<b>T4800-1223</b>	52						
25	1	1.7/16	1	-1623	<b>T4840-1623</b>	41	<b>T4800-1623</b>	54	<b>T4810-1623</b>	86	34	<b>T4820-1623</b>	67	71
31	1.1/4	1.11/16	1.1/4	-2027	<b>T4840-2027</b>	46	<b>T4800-2027</b>	59	<b>T4810-2027</b>	107	45	<b>T4820-2027</b>	87	90
38	1.1/2	2	1.1/2	-2432								<b>T4820-2432</b>	105	107

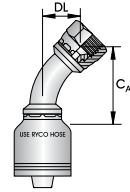
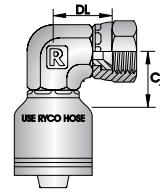
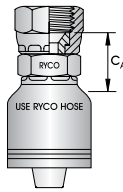
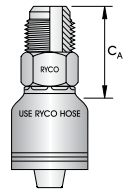
**NOTE:** Hose Compatibility for the **T4000** series can be found on page 209.

# COUPLINGS

## T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

SAE	T4530 (T453)	T4540 (T454)	T4570 (T457)	T4550 (T455)
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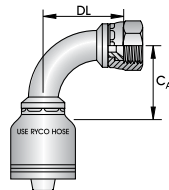
45° FLARE



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	SAE MALE	SAE FEMALE	SAE FEMALE 90° ELBOW	SAE FEMALE 45° TUBE BEND							
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
6	1/4	5/8	3/8	-0410		<b>T4540-0410</b>	21							
8	5/16	5/8	3/8	-0510	<b>T4530-0510</b>	33	<b>T4540-0510</b>	20			<b>T4550-0510</b>	38	17	
10	3/8	5/8	3/8	-0610	<b>T4530-0610</b>	34	<b>T4540-0610</b>	20	<b>T4570-0610</b>	23	23	<b>T4550-0610</b>	38	17

SAE	T4560 (T456)
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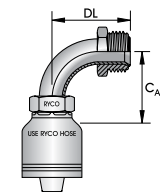
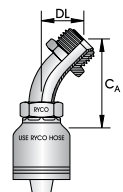
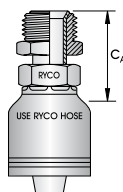
45° FLARE



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	SAE FEMALE 90° TUBE BEND			
DN	inch	inch	inch	PART NO	C <sub>A</sub>	DL	
10	3/8	5/8	3/8	-0610	<b>T4560-0610</b>	35	32

SAE	T4740 (T474)	T4750 (T475)	T4770 (T477)
-----	-----------------	-----------------	-----------------

INVERTED MALE FLARE



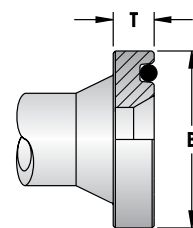
HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE	SAE INVERTED MALE FLARE 45° TUBE BEND	SAE INVERTED MALE FLARE 90° TUBE BEND						
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
8	5/16	5/8	3/8	-0510	<b>T4740-0510</b>	41	<b>T4750-0510</b>	74	23	<b>T4770-0510</b>	56	50
10	3/8	5/8	3/8	-0610	<b>T4740-0610</b>	41	<b>T4750-0610</b>	74	23	<b>T4770-0610</b>	56	50
10	3/8	11/16	7/16	-0611	<b>T4740-0611</b>	45						

**NOTE:** Hose Compatibility for the **T4000** series can be found on page 209.

## T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### DIMENSIONS FOR SAE CODE 61 AND CODE 62 FLANGES, AND RYCO CODE 62C FLANGES

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495	79,4	3.13	14,20	0.559
2.1/2	84,1	3.31	9,53	0.375								
3	101,6	4.00	9,53	0.375								



**NOTE:** \*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.  
RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

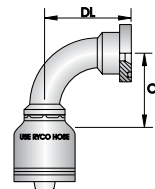
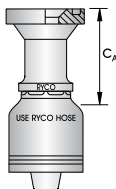
### SAE FLANGE

**T4130**  
(T413)

**T4150**  
(T415)

**T4170**  
(T417)

RYCO  
CODE 61  
CLAMPS - SEE PAGES 345 & 346  
\*(5/8 KOMATSU)  
O RING NOT SUPPLIED



HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND					
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	<b>T4130-1212</b>	46	<b>T4150-1212</b>	65	26	<b>T4170-1212</b>	55	54
19	3/4	1	-1216	<b>T4130-1216</b>	50						
25	1	1	-1616	<b>T4130-1616</b>	52	<b>T4150-1616</b>	81	30	<b>T4170-1616</b>	68	68
25	1	1.1/4	-1620	<b>T4130-1620</b>	57						
31	1.1/4	1.1/4	-2020	<b>T4130-2020</b>	59	<b>T4150-2020</b>	100	36	<b>T4170-2020</b>	88	78
31	1.1/4	1.1/2	-2024	<b>T4130-2024</b>	85						
38	1.1/2	1.1/2	-2424	<b>T4130-2424</b>	85	<b>T4150-2424</b>	115	42	<b>T4170-2424</b>	104	93
38	1.1/2	2	-2432	<b>T4130-2432</b>	95						
51	2	2	-3232	<b>T4130-3232</b>	95	<b>T4150-3232</b>	150	58	<b>T4170-3232</b>	140	130

**NOTE:** Hose Compatibility for the **T4000** series can be found on page 209.

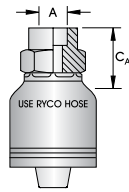
# COUPLINGS

## T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### SALVAGE

**T4230**  
(T423)

TUBE  
WELD

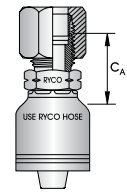


HOSE SIZE		A	DASH SIZE	SALVAGE (LIFESAVER)	
DN	inch	inch		PART NO	C <sub>A</sub>
8	5/16	3/8	-0506	<b>T4230-0506</b>	18
10	3/8	3/8	-0606	<b>T4230-0606</b>	19
12	1/2	1/2	-0808	<b>T4230-0808</b>	19
16	5/8	3/4	-1012	<b>T4230-1012</b>	21
19	3/4	3/4	-1212	<b>T4230-1212</b>	21
25	1	1	-1616	<b>T4230-1616</b>	27
31	1.1/4	1.1/4	-2020	<b>T4230-2020</b>	31
38	1.1/2	1.1/2	-2424	<b>T4230-2424</b>	34
51	2	2	-3232	<b>T4230-3232</b>	41

### TUBE BITE

**T4850**  
(T485)

COMPLETE WITH NUT  
AND FLARELESS OLIVE



HOSE SIZE		TUBE SIZE	DASH SIZE	TUBE BITE	
DN	inch	inch		PART NO	C <sub>A</sub>
10	3/8	3/8	-0606	<b>T4850-0606</b>	30

**NOTE:** Hose Compatibility for the **T4000** series can be found on page 209.

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### HOSE COMPATIBILITY FOR T7000 SERIES

#### NON-SKIVE

For RYCO Hose Series H3000, H4000, H5000 (sizes -06 to -24) and H6000 (sizes -06 to -20).  
 For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T1S, T2A, T2D, T2S, T2C, TXA2D, RQP1, RQP2, sizes -06 to -32.  
 For RYCO Hose Series D2B, DF2A, E2, R4SHA and R4SHD (sizes -20 to -32).

#### SKIVE

For RYCO Hose Series R4SPA and R4SPD (cover must be skived) all sizes.

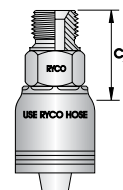
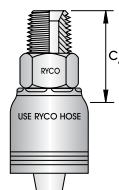
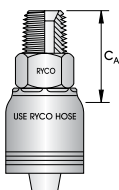
#### BSP

#### T7010 (T701)

#### T7014 (T701H)

#### T7013 (T701P)

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE		BSPT MALE HEAVY DUTY		BSPP MALE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
10	3/8	3/8	-0606	<b>T7010-0606</b>	33			<b>T7013-0606</b>	33
12	1/2	1/2	-0808	<b>T7010-0808</b>	40			<b>T7013-0808</b>	31
19	3/4	3/4	-1212	<b>T7010-1212</b>	41			<b>T7013-1212</b>	40
25	1	1	-1616	<b>T7010-1616</b>	48	<b>T7014-1616</b>	48	<b>T7013-1616</b>	45
31	1.1/4	1.1/4	-2020	<b>T7010-2020</b>	53			<b>T7013-2020</b>	51
38	1.1/2	1.1/2	-2424	<b>T7010-2424</b>	55			<b>T7013-2424</b>	55
51	2	2	-3232	<b>T7010-3232</b>	66			<b>T7013-3232</b>	67

#### BSP

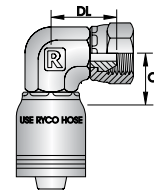
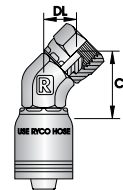
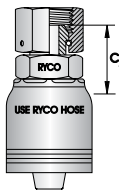
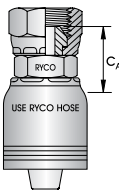
#### T7020 (T702)

#### T7022 (T702H)

#### T7060 (T706)

#### T7050 (T705)

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPP FEMALE		BSPP FEMALE HEAVY DUTY		BSPP FEMALE 45° ELBOW		BSPP FEMALE 90° ELBOW			
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	3/8	3/8	-0606	<b>T7020-0606</b>	24						<b>T7050-0606</b>	23	28
12	1/2	1/2	-0808	<b>T7020-0808</b>	26	<b>T7022-0808</b>	28	<b>T7060-0808</b>	40	18	<b>T7050-0808</b>	29	31
19	3/4	3/4	-1212	<b>T7020-1212</b>	28	<b>T7022-1212</b>	34	<b>T7060-1212</b>	44	20	<b>T7050-1212</b>	30	36
25	1	1	-1616	<b>T7020-1616</b>	33	<b>T7022-1616</b>	37	<b>T7060-1616</b>	51	23	<b>T7050-1616</b>	32	40
31	1.1/4	1	-2016	<b>T7020-2016</b>	39								
31	1.1/4	1.1/4	-2020	<b>T7020-2020</b>	40	<b>T7022-2020</b>	44	<b>T7060-2020</b>	42	25	<b>T7050-2020</b>	41	47
38	1.1/2	1.1/2	-2424	<b>T7020-2424</b>	45						<b>T7050-2424</b>	60	59
51	2	2	-3232	<b>T7020-3232</b>	54						<b>T7050-3232</b>	56	62

**NOTE:** T7000 BSP, JIC, JIS and Metric Swivel Nut Couplings are shown as "Crimp Nut". Larger sizes are "Wire Nut" or "Slip Nut". See note on page 157.

# COUPLINGS

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

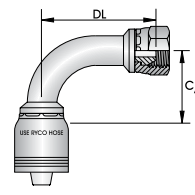
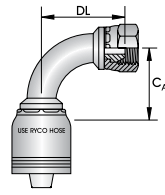
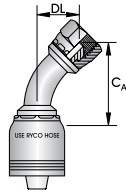
### BSP

**T7270**  
(T727)

**T7260**  
(T726)

**T7210**  
(T721)

60° SEAT



HOSE SIZE			THRD SIZE	DASH SIZE	BSPP FEMALE 45° TUBE BEND			BSPP FEMALE 90° TUBE BEND			BSPP FEMALE 90° LONG BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
10	3/8	3/8	-0606	<b>T7270-0606</b>	43	18	<b>T7260-0606</b>	35	33				
12	1/2	1/2	-0808	<b>T7270-0808</b>	49	22	<b>T7260-0808</b>	40	45				
19	3/4	3/4	-1212	<b>T7270-1212</b>	70	29	<b>T7260-1212</b>	55	58	<b>T7210-1212</b>	55	96	
25	1	1	-1616	<b>T7270-1616</b>	82	42	<b>T7260-1616</b>	67	72	<b>T7210-1616</b>	58	116	
31	1.1/4	1	-2016				<b>T7260-2016</b>	69	79				
31	1.1/4	1.1/4	-2020	<b>T7270-2020</b>	103	44	<b>T7260-2020</b>	87	88	<b>T7210-2020</b>	87	142	
38	1.1/2	1.1/2	-2424	<b>T7270-2424</b>	118	52	<b>T7260-2424</b>	103	106				
51	2	2	-3232	<b>T7270-3232</b>	142	65	<b>T7260-3232</b>	130	132				

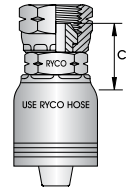
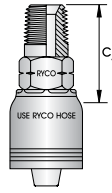
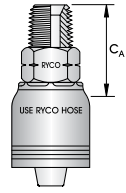
### NPT

**T7090**  
(T709)

**T7091**  
(T709E)

**T7020N**  
(T702N)

60° SEAT



HOSE SIZE				THRD SIZE	DASH SIZE	NPT MALE	NPT MALE EXTENDED (API)		NPSM FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	
10	3/8	1/4	-0604	<b>T7090-0604</b>	33					
10	3/8	3/8	-0606	<b>T7090-0606</b>	33					
12	1/2	3/8	-0806	<b>T7090-0806</b>	35					
12	1/2	1/2	-0808	<b>T7090-0808</b>	40					
19	3/4	3/4	-1212	<b>T7090-1212</b>	41					
25	1	3/4	-1612	<b>T7090-1612</b>	43					
25	1	1	-1616	<b>T7090-1616</b>	48					
31	1.1/4	1	-2016	<b>T7090-2016</b>	52					
31	1.1/4	1.1/4	-2020	<b>T7090-2020</b>	53			<b>T7020N-2020</b>	41	
38	1.1/2	1.1/2	-2424	<b>T7090-2424</b>	55			<b>T7020N-2424</b>	45	
51	2	2	-3232	<b>T7090-3232</b>	66	<b>T7091-3232</b>	107	<b>T7020N-3232</b>	54	

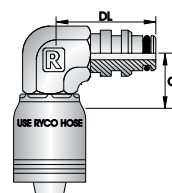
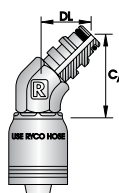
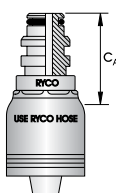
**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.



## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### CROCBITE T7880 T7881 T7882

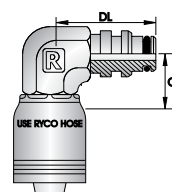
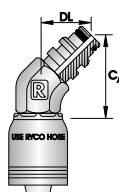
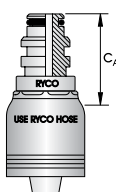
CROCBITE  
HIGH PRESSURE



HOSE SIZE			MWP	DASH SIZE	CROCBITE MALE	CROCBITE MALE 45° ELBOW			CROCBITE MALE 90° ELBOW		
DN	inch	bar		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	3/8	450	-0610	<b>T7880-0610</b>	39	<b>T7881-0610</b>	43	28	<b>T7882-0610</b>	23	49
12	1/2	450	-0812	<b>T7880-0812</b>	39	<b>T7881-0812</b>	45	28	<b>T7882-0812</b>	29	51
19	3/4	420	-1220	<b>T7880-1220</b>	46						
25	1	420	-1625	<b>T7880-1625</b>	65						
31	1.1/4	420	-2032	<b>T7880-2032</b>	68	<b>T7881-2032</b>	77	50	<b>T7882-2032</b>	52	94
38	1.1/2	420	-2440	<b>T7880-2440</b>	71	<b>T7881-2440</b>	88	53	<b>T7882-2440</b>	61	101
51	2	420	-3250	<b>T7880-3250</b>	97	<b>T7881-3250</b>	107	73	<b>T7882-3250</b>	66	135
63	2.1/2	350	-4063	<b>T7880-4063</b>	97	<b>T7881-4063</b>	114	75	<b>T7882-4063</b>	80	146

### CROCBITE T7880A T7881A T7882A

CROCBITE  
HIGH FLOW

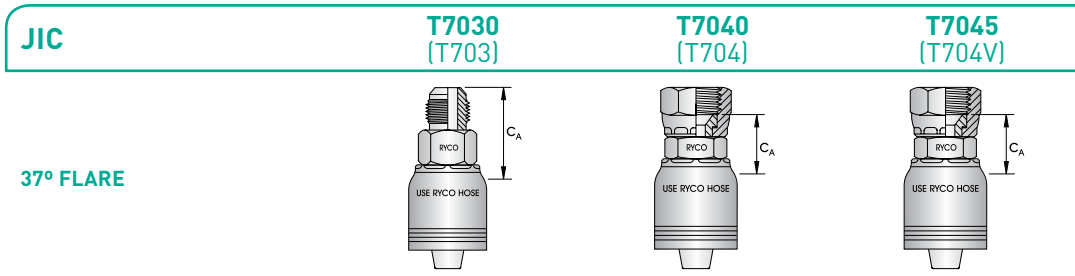


HOSE SIZE			MWP	DASH SIZE	CROCBITE MALE	CROCBITE MALE 45° ELBOW			CROCBITE MALE 90° ELBOW		
DN	inch	bar		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
50	2	350	-3250	<b>T7880A-3250</b>	94	<b>T7881A-3250</b>	104	70	<b>T7882A-3250</b>	68	129
63	2.1/2	280	-4063	<b>T7880A-4063</b>	93	<b>T7881A-4063</b>	112	73	<b>T7882A-4063</b>	79	141

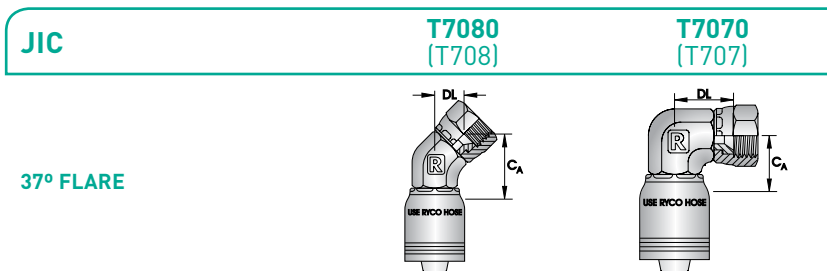
**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.

# COUPLINGS

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS



					JIC MALE		JIC FEMALE		JIC FEMALE HIGH PRESSURE	
HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
10	3/8	9/16	3/8	-0609	<b>T7030-0609</b>	32	<b>T7040-0609</b>	22		
10	3/8	3/4	1/2	-0612			<b>T7040-0612</b>	24		
12	1/2	3/4	1/2	-0812	<b>T7030-0812</b>	37	<b>T7040-0812</b>	25		
12	1/2	7/8	5/8	-0814	<b>T7030-0814</b>	39	<b>T7040-0814</b>	27		
12	1/2	1.1/16	3/4	-0817			<b>T7040-0817</b>	29		
16	5/8	7/8	5/8	-1014	<b>T7030-1014</b>	41	<b>T7040-1014</b>	28		
	5/8	1.1/16		-1017			<b>T7040-1017</b>	29		
19	3/4	7/8	5/8	-1214			<b>T7040-1214</b>	30		
19	3/4	1.1/16	3/4	-1217	<b>T7030-1217</b>	45	<b>T7040-1217</b>	30		
19	3/4	1.3/16	7/8	-1219			<b>T7040-1219</b>	31		
19	3/4	1.5/16	1	-1221	<b>T7030-1221</b>	42	<b>T7040-1221</b>	34		
25	1	1.1/16	3/4	-1617			<b>T7040-1617</b>	33		
25	1	1.5/16	1	-1621	<b>T7030-1621</b>	47	<b>T7040-1621</b>	36	<b>T7045-1621</b>	33
25	1	1.5/8	1.1/4	-1626			<b>T7040-1626</b>	41		
31	1.1/4	1.5/16	1	-2021			<b>T7040-2021</b>	41		
31	1.1/4	1.5/8	1.1/4	-2026	<b>T7030-2026</b>	52	<b>T7040-2026</b>	44	<b>T7045-2026</b>	36
31	1.1/4	1.7/8	1.1/2	-2030			<b>T7040-2030</b>	48		
38	1.1/2	1.7/8	1.1/2	-2430	<b>T7030-2430</b>	57	<b>T7040-2430</b>	49	<b>T7045-2430</b>	56
51	2	2.1/2	2	-3240	<b>T7030-3240</b>	74	<b>T7040-3240</b>	60		



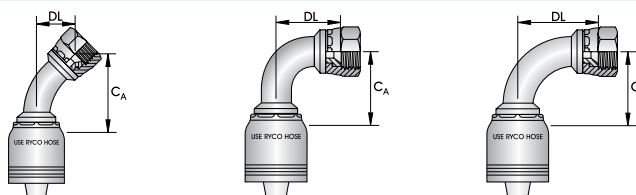
					JIC FEMALE 45° ELBOW			JIC FEMALE 90° ELBOW		
HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	3/4	1/2	-0812	<b>T7080-0812</b>	32	14			
12	1/2	7/8	5/8	-0814	<b>T7080-0814</b>	33	15	<b>T7070-0814</b>	29	28
19	3/4	1.1/16	3/4	-1217	<b>T7080-1217</b>	37	16	<b>T7070-1217</b>	30	31
25	1	1.5/16	1	-1621	<b>T7080-1621</b>	42	20	<b>T7070-1621</b>	32	36

**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### JIC T7250 (T725) T7243 (T742S) T7240 (T724)

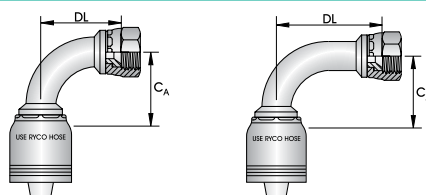
37° FLARE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° TUBE BEND			JIC FEMALE 90° SHORT TUBE BEND			JIC FEMALE 90° TUBE BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	3/8	9/16	3/8	-0609	<b>T7250-0609</b>	39	11	<b>T7243-0609</b>	31	21	<b>T7240-0609</b>	35	38
12	1/2	3/4	1/2	-0812	<b>T7250-0812</b>	45	15	<b>T7243-0812</b>	43	29	<b>T7240-0812</b>	41	41
12	1/2	7/8	5/8	-0814	<b>T7250-0814</b>	48	18				<b>T7240-0814</b>	41	47
16	5/8	7/8	5/8	-1014	<b>T7250-1014</b>	50	19	<b>T7243-1014</b>	43	32	<b>T7240-1014</b>	48	47
16	5/8	1.1/16	3/4	-1017	<b>T7250-1017</b>	52	24				<b>T7240-1017</b>	48	58
19	3/4	1.1/16	3/4	-1217	<b>T7250-1217</b>	65	22				<b>T7240-1217</b>	55	57
19	3/4	1.5/16	1	-1221	<b>T7250-1221</b>	74	28				<b>T7240-1221</b>	56	71
25	1	1.5/16	1	-1621	<b>T7250-1621</b>	77	30				<b>T7240-1621</b>	68	73
31	1.1/4	1.5/8	1.1/4	-2026	<b>T7250-2026</b>	97	39				<b>T7240-2026</b>	88	81
38	1.1/2	1.7/8	1.1/2	-2430	<b>T7250-2430</b>	121	50				<b>T7240-2430</b>	103	106
51	2	2.1/2	2	-3240	<b>T7250-3240</b>	152	63				<b>T7240-3240</b>	137	132

### JIC T7245 (T724V) T7280 (T728)

37° FLARE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 90° TUBE BEND			JIC FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	1.1/16	3/4	-1217				<b>T7280-1217</b>	56	96
25	1	1.5/16	1	-1621	<b>T7240-1621</b>	68	73	<b>T7280-1621</b>	75	114
31	1.1/4	1.5/8	1.1/4	-2026	<b>T7240-2026</b>	88	81	<b>T7280-2026</b>	86	129
38	1.1/2	1.7/8	1.1/2	-2430	<b>T7240-2430</b>	103	106			

**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.

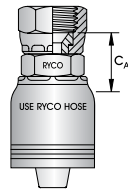
# COUPLINGS

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### JIS

#### T7680 (T768)

JAPANESE INDUSTRIAL  
STANDARD  
"KOMATSU"  
METRIC THREAD FORM  
60° CONCAVE SEAT



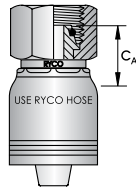
HOSE SIZE		THRD SIZE	DASH SIZE	METRIC FEMALE 60° CONCAVE SEAT (JIS)	
DN	inch	mm		PART NO	C <sub>A</sub>
10	3/8	18x1,5	-0618	<b>T7680-0618</b>	22
12	1/2	22x1,5	-0822	<b>T7680-0822</b>	25
12	1/2	24x1,5	-0824	<b>T7680-0824</b>	32
16	5/8	24x1,5	-1024	<b>T7680-1024</b>	25
19	3/4	24x1,5	-1224	<b>T7680-1224</b>	27
19	3/4	30x1,5	-1230	<b>T7680-1230</b>	30
25	1	33x1,5	-1633	<b>T7680-1633</b>	28
25	1	36x1,5	-1636	<b>T7680-1636</b>	34
31	1.1/4	36x1,5	-2036	<b>T7680-2036</b>	31
31	1.1/4	42x1,5	-2042	<b>T7680-2042</b>	32

**NOTE:** These T7680 Series Couplings are also listed in the **METRIC** section on page 224.

### METRIC

#### T7501 (T750 & T750R)

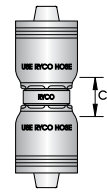
DKOL  
METRIC O RING (LIGHT)  
24° CONE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	DKOL FEMALE 24° CONE	
DN	inch	mm	mm		PART NO	C <sub>A</sub>
31	1.1/4	45x2,0	35	-2045	<b>T7501-2045</b>	35
38	1.1/2	52x2,0	42	-2452	<b>T7501-2452</b>	45

### JOINER

#### T7900 (T790)



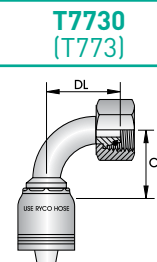
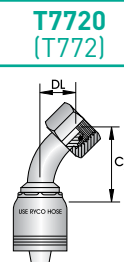
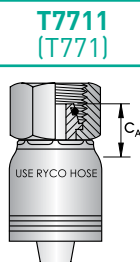
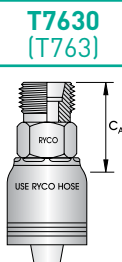
HOSE SIZE		DASH SIZE	JOINER	
DN	inch		PART NO	C <sub>A</sub>
10	3/8	-0606	<b>T7900-0606</b>	15
12	1/2	-0808	<b>T7900-0808</b>	15
19	3/4	-1212	<b>T7900-1212</b>	15
25	1	-1616	<b>T7900-1616</b>	25
31	1.1/4	-2020	<b>T7900-2020</b>	24
38	1.1/2	-2424	<b>T7900-2424</b>	25
51	2	-3232	<b>T7900-3232</b>	26
63	2.1/2	-4040	<b>T7900-4040</b>	26

**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### METRIC

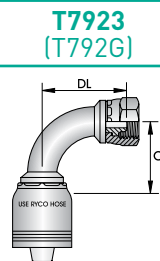
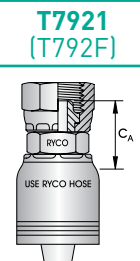
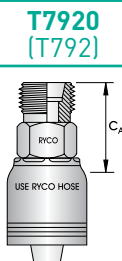
DKS  
METRIC O RING  
&  
DKOS  
METRIC O RING (HEAVY)  
24° CONE



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	DKS MALE 24° CONE	DKOS FEMALE 24° CONE	DKOS FEMALE 24° CONE 45° TUBE BEND	DKOS FEMALE 24° CONE 90° TUBE BEND							
DN	inch	mm	mm	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
10	3/8	20x1,5	12	-0620		<b>T7711-0620</b>	24							
10	3/8	22x1,5	14	-0622		<b>T7711-0622</b>	26							
12	1/2	24x1,5	16	-0824	<b>T7630-0824</b>	30	<b>T7711-0824</b>	28	<b>T7720-0824</b>	53	24	<b>T7730-0824</b>	40	48
16	5/8	30x2,0	20	-1030		<b>T7711-1030</b>	31							
16	5/8	36x2,0	25	-1036		<b>T7711-1036</b>	33							
19	3/4	30x2,0	20	-1230	<b>T7630-1230</b>	35	<b>T7711-1230</b>	30	<b>T7720-1230</b>	74	35	<b>T7730-1230</b>	55	68
19	3/4	36x2,0	25	-1236	<b>T7630-1236</b>	37	<b>T7711-1236</b>	33	<b>T7720-1236</b>	76	35	<b>T7730-1236</b>	56	68
19	3/4	42x2,0	30	-1242		<b>T7711-1242</b>	37							
25	1	30x2,0	20	-1630		<b>T7711-1630</b>	34							
25	1	36x2,0	25	-1636	<b>T7630-1636</b>	41	<b>T7711-1636</b>	34						
25	1	42x2,0	30	-1642	<b>T7630-1642</b>	43	<b>T7711-1642</b>	36	<b>T7720-1642</b>	87	36	<b>T7730-1642</b>	69	77
31	1.1/4	42x2,0	30	-2042	<b>T7630-2042</b>	48	<b>T7711-2042</b>	38						
31	1.1/4	52x2,0	38	-2052		<b>T7711-2052</b>	40	<b>T7720-2052</b>	128	48	<b>T7730-2052</b>	90	89	
38	1.1/2	52x2,0	38	-2452		<b>T7711-2452</b>	41							

### METRIC

FRENCH GAZ  
24° CONE



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	METRIC FRENCH GAZ MALE	METRIC FRENCH GAZ FEMALE	METRIC FRENCH GAZ FEMALE 90° TUBE BEND				
DN	inch	mm	mm	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
10	3/8	20x1,5	13,25	-0620						
12	1/2	24x1,5	16,75	-0824						
16	5/8	30x1,5	21,25	-1030						
19	3/4	36x1,5	26,75	-1236	<b>T7920-1236</b>	31				
25	1	45x1,5	33,50	-1645	<b>T7920-1645</b>	39				
31	1.1/4	52x1,5	42,25	-2052	<b>T7920-2052</b>	42				

**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.

INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

ACCESSORIES

FILTERS

TECHNICAL

# COUPLINGS

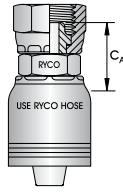
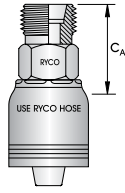
## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### METRIC

**T7924**  
(T792M)

**T7925**  
(T792N)

FRENCH  
MILLIMETRIC  
24° CONE

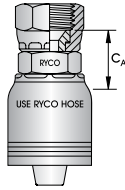


HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	METRIC FRENCH MILLIMETRIC MALE	METRIC FRENCH MILLIMETRIC FEMALE
DN	inch	mm	mm	PART NO	C <sub>A</sub>
16	5/8	27x1,5	20	-1027	
19	3/4	30x1,5	22	-1230	
19	3/4	33x1,5	25	-1233	
19	3/4	36x1,5	28	-1236	
25	1	36x1,5	28	-1636	
25	1	39x1,5	30	-1639	
25	1	45x1,5	35	-1645	
31	1.1/4	45x1,5	35	-2045	

### METRIC

**T7680**  
(T768)

JAPANESE INDUSTRIAL  
STANDARD (JIS)  
"KOMATSU"  
METRIC THREAD FORM  
60° CONCAVE SEAT



HOSE SIZE	THRD SIZE	DASH SIZE	METRIC FEMALE 60° CONCAVE SEAT (JIS)
DN	inch	inch	PART NO
10	3/8	18x1,5	-0618
12	1/2	22x1,5	-0822
12	1/2	24x1,5	-0824
16	5/8	24x1,5	-1024
19	3/4	24x1,5	-1224
19	3/4	30x1,5	-1230
25	1	33x1,5	-1633
25	1	36x1,5	-1636
31	1.1/4	36x1,5	-2036
31	1.1/4	42x1,5	-2042
38	1.1/2	42x1,5	-2442

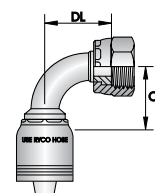
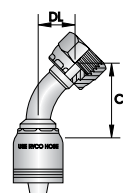
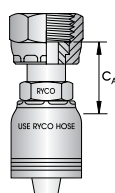
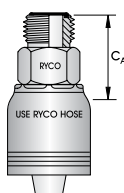
**NOTE:** These T7680 Series Couplings are also listed in the JIS section on page 222.

**NOTE:** Hose Compatibility for the T7000 series can be found on page 217.

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### ORFS T7840 (T784) T7800 (T780) T7810 (T781) T7823 (T782S)

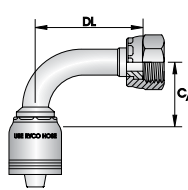
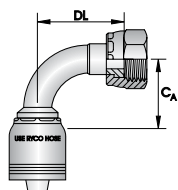
O RING  
FACE SEAL



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	ORFS MALE			ORFS FEMALE			ORFS FEMALE 45° TUBE BEND			ORFS FEMALE 90° SHORT BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL		
10	3/8	11/16	3/8	-0611	<b>T7840-0611</b>	29	<b>T7800-0611</b>	31	<b>T7810-0611</b>	45	20					
10	3/8	13/16	1/2	-0613					<b>T7810-0613</b>	40	17					
12	1/2	13/16	1/2	-0813	<b>T7840-0813</b>	33	<b>T7800-0813</b>	34	<b>T7810-0813</b>	49	19					
12	1/2	1	5/8	-0816			<b>T7800-0816</b>	40	<b>T7810-0816</b>	46	19					
12	1/2	1.3/16	3/4	-0819			<b>T7800-0819</b>	43								
16	5/8	1	5/8	-1016			<b>T7800-1016</b>	38	<b>T7810-1016</b>	59	20					
19	3/4	1.3/16	3/4	-1219	<b>T7840-1219</b>	38	<b>T7800-1219</b>	43	<b>T7810-1219</b>	64	29	<b>T7823-1219</b>	56	49		
19	3/4	1.7/16	1	-1223			<b>T7800-1223</b>	52								
25	1	1.7/16	1	-1623	<b>T7840-1623</b>	41	<b>T7800-1623</b>	54	<b>T7810-1623</b>	86	34	<b>T7823-1623</b>	64	56		
25	1	1.11/16	1.1/4	-1627			<b>T7800-1627</b>	59								
31	1.1/4	1.11/16	1.1/4	-2027	<b>T7840-2027</b>	45	<b>T7800-2027</b>	59	<b>T7810-2027</b>	107	45	<b>T7823-2027</b>				
38	1.1/2	2	1.1/2	-2432			<b>T7800-2432</b>	66	<b>T7810-2432</b>	126	53					

### ORFS T7820 (T782) T7830 (T783)

O RING  
FACE SEAL



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE 90° MEDIUM BEND			ORFS FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	3/8	11/16	3/8	-0611	<b>T7820-0611</b>	32	38			
12	1/2	13/16	1/2	-0813	<b>T7820-0813</b>	32	41			
12	1/2	1	5/8	-0816	<b>T7820-0816</b>	41	47			
12	1/2	1.3/16	3/4	-0819	<b>T7820-0819</b>	138	46			
16	5/8	1	5/8	-1016	<b>T7820-1016</b>	50	47			
19	3/4	1.3/16	3/4	-1219	<b>T7820-1219</b>	51	59	<b>T7830-1219</b>	55	96
25	1	1.7/16	1	-1623	<b>T7820-1623</b>	67	71	<b>T7830-1623</b>	74	113
31	1.1/4	1.11/16	1.1/4	-2027	<b>T7820-2027</b>	84	90	<b>T7830-2027</b>	86	129
38	1.1/2	2	1.1/2	-2432	<b>T7820-2432</b>	105	107			

**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.

# COUPLINGS

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### RKVP

T7896

T7899

RKVP  
HIGH PRESSURE



HOSE SIZE				RKVP SIZE	MAX WP	DASH SIZE	RKVP MALE		RKVP FEMALE	
DN	inch	mm	bar				PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
10	3/8	10	450	-0610			<b>T7896-0610</b>	51	<b>T7899-0610</b>	34
12	1/2	12	450	-0812			<b>T7896-0812</b>	53	<b>T7899-0812</b>	37
16	5/8	20	420	-1020			<b>T7896-1020</b>	57	<b>T7899-1020</b>	38
19	3/4	20	420	-1220			<b>T7896-1220</b>	56	<b>T7899-1220</b>	39
25	1	25	420	-1625			<b>T7896-1625</b>	51	<b>T7899-1625</b>	47
31	1.1/4	32	420	-2032			<b>T7896-2032</b>	70	<b>T7899-2032</b>	57
38	1.1/2	40	420	-2440			<b>T7896-2440</b>	88	<b>T7899-2440</b>	61
51	2	50	420	-3250			<b>T7896-3250</b>	85	<b>T7899-3250</b>	63
63	2.1/2	63	350	-4063			<b>T7896-4063</b>	111	<b>T7899-4063</b>	78

### RKVF

T7890

T7894

RKVF  
HIGH FLOW



HOSE SIZE				RKVF SIZE	MAX WP	DASH SIZE	RKVF MALE		RKVF FEMALE	
DN	inch	mm	bar				PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
51	2	50	165	-3250			<b>T7890-3250</b>	77	<b>T7894-3250</b>	54
63	2.1/2	63	70	-4063			<b>T7890-4063</b>	77	<b>T7894-4063</b>	53

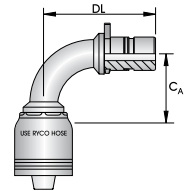
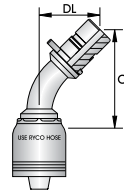
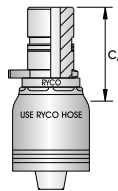
### RYCO WEO

T7480  
(T748)

T7482  
(T748B)

T7483  
(T748C)

WEO



HOSE SIZE			PLUG-IN SIZE		MAX WORKING PRESSURE		RYCO WEO MALE		RYCO WEO MALE 45° TUBE BEND			RYCO WEO MALE 90° TUBE BEND		
DN	Dash	inch	DN	inch	bar	psi	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	-06	3/8	10	3/8	350	5100	<b>T7480-0606</b>	35	<b>T7482-0606</b>	55	27	<b>T7483-0606</b>	35	52
12	-08	1/2	12	1/2	350	5100	<b>T7480-0808</b>	36	<b>T7482-0808</b>	59	31	<b>T7483-0808</b>	38	58
16	-10	5/8	19	3/4	350	5100	<b>T7480-1012</b>	45	<b>T7482-1012</b>	72	40	<b>T7483-1012</b>	44	73
19	-12	3/4	19	3/4	350	5100	<b>T7480-1212</b>	45	<b>T7482-1212</b>	82	43	<b>T7483-1212</b>	54	82
25	-16	1	25	1	250	3600	<b>T7480-1616</b>	56	<b>T7482-1616</b>	105	53	<b>T7483-1616</b>	72	97

**NOTE:** RYCO WEO male and female couplings and adaptors do not contain a shut-off valve. When not in use, cap the RYCO WEO male using the appropriate size RW811 series stop cap and plug the RYCO WEO female/cartridge using the appropriate size RW723 series stop plug.

**NOTE:** Hose Compatibility for the T7000 series can be found on page 217.



## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

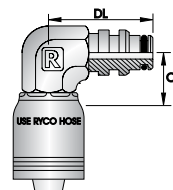
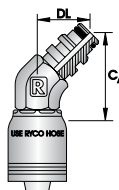
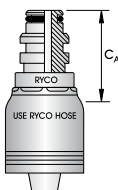
### STAPLELOK

**T7870**  
(T787)

**T7871**  
(T788)

**T7872**  
(T789)

STAPLE  
O RING & BACK UP RING  
SUPPLIED

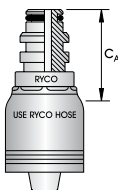


HOSE SIZE		STAPLE SIZE	DASH SIZE	STAPLELOK MALE	STAPLELOK MALE 45° ELBOW			STAPLELOK MALE 90° ELBOW			
DN	inch	mm		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	3/8	10	-0610	<b>T7870-0610</b>	38	<b>T7871-0610</b>	43	28	<b>T7872-0610</b>	21	46
12	1/2	12	-0812	<b>T7870-0812</b>	41	<b>T7871-0812</b>	47	28	<b>T7872-0812</b>	31	50
16	5/8	16	-1016	<b>T7870-1016</b>	39	<b>T7871-1016</b>	45	28	<b>T7872-1016</b>	33	53
19	3/4	20	-1220	<b>T7870-1220</b>	38	<b>T7871-1220</b>	57	33	<b>T7872-1220</b>	35	56
25	1	25	-1625	<b>T7870-1625</b>	50	<b>T7871-1625</b>	63	37	<b>T7872-1625</b>	45	84
31	1.1/4	32	-2032	<b>T7870-2032</b>	50	<b>T7871-2032</b>	65	37	<b>T7872-2032</b>	50	68
38	1.1/2	40	-2440	<b>T7870-2440</b>	57	<b>T7871-2440</b>	82	44	<b>T7872-2440</b>	61	85
51	2	50	-3250	<b>T7870-3250</b>	58	<b>T7871-3250</b>	87	46	<b>T7872-3250</b>	64	95
63	2.1/2	63	-4063	<b>T7870-4063</b>	93	<b>T7871-4063</b>	112	69	<b>T7872-4063</b>	80	137

### SUPERLOK

**T7876**  
(T787S)

SUPERSTAPLE  
O RING & BACK UP RING  
SUPPLIED



HOSE SIZE		STAPLE SIZE	DASH SIZE	RYCO SUPERLOK MALE
DN	inch	mm		PART NO
12	1/2	12	-0813	<b>T7876-0812</b>
16	5/8	16	-1016	<b>T7876-1016</b>
19	3/4	20	-1220	<b>T7876-1220</b>
25	1	25	-1625	<b>T7876-1625</b>
31	1.1/4	32	-2032	<b>T7876-2032</b>
38	1.1/2	40	-2440	<b>T7876-2440</b>
51	2	50	-3250	<b>T7876-3250</b>

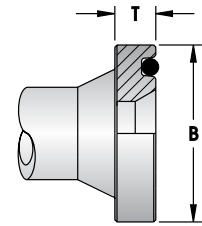
**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.

# COUPLINGS

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### DIMENSIONS FOR SAE CODE 61 AND CODE 62 FLANGES, AND RYCO CODE 62C FLANGES

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C				
	B		T		B		T		B		T		
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305					
*5/8	34,0	1.34	6,73	0.265									
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559	
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559	
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559	
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559	
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495	79,4	3.13	14,20	0.559	
2.1/2	84,1	3.31	9,53	0.375									
3	101,6	4.00	9,53	0.375									



**NOTE:** \*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.  
RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

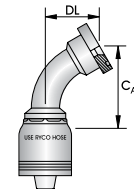
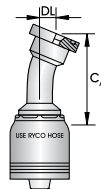
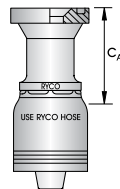
### SAE FLANGE

**T7130**  
(T713)

**T7140**  
(T714)

**T7150**  
(T715)

**T7300**  
(T730)



**RYCO**  
**CODE 61**  
**CLAMPS - SEE PAGES 345 & 346**  
**\*(5/8 KOMATSU)**  
**O RING NOT SUPPLIED**

HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 22.5° TUBE BEND	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 60° TUBE BEND							
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	1/2	-0808	<b>T7130-0808</b>	45				<b>T7150-0808</b>	49	20			
12	1/2	3/4	-0812	<b>T7130-0812</b>	47				<b>T7150-0812</b>	51	24			
19	3/4	*5/8	-1210	<b>T7130-1210</b>	45				<b>T7150-1210</b>	56	26			
19	3/4	3/4	-1212	<b>T7130-1212</b>	46	<b>T7140-1212</b>	72	12	<b>T7150-1212</b>	65	26	<b>T7300-1212</b>	78	37
19	3/4	1	-1216	<b>T7130-1216</b>	50	<b>T7140-1216</b>	82	18	<b>T7150-1216</b>	69	30	<b>T7300-1216</b>	80	41
19	3/4	1.1/4	-1220	<b>T7130-1220</b>	56									
25	1	1	-1616	<b>T7130-1616</b>	52	<b>T7140-1616</b>	93	14	<b>T7150-1616</b>	81	30	<b>T7300-1616</b>	99	46
25	1	1.1/4	-1620	<b>T7130-1620</b>	57	<b>T7140-1620</b>	94	17	<b>T7150-1620</b>	83	32	<b>T7300-1620</b>	97	45
25	1	1.1/2	-1624	<b>T7130-1624</b>	84									
31	1.1/4	1	-2016	<b>T7130-2016</b>	85				<b>T7150-2016</b>	88	30			
31	1.1/4	1.1/4	-2020	<b>T7130-2020</b>	59	<b>T7140-2020</b>	107	16	<b>T7150-2020</b>	100	36	<b>T7300-2020</b>	119	51
31	1.1/4	1.1/2	-2024	<b>T7130-2024</b>	85	<b>T7140-2024</b>	116	20	<b>T7150-2024</b>	103	38	<b>T7300-2024</b>	121	54
38	1.1/2	1.1/4	-2420	<b>T7130-2420</b>	59									
38	1.1/2	1.1/2	-2424	<b>T7130-2424</b>	85	<b>T7140-2424</b>	118	24	<b>T7150-2424</b>	115	42	<b>T7300-2424</b>	144	60
38	1.1/2	2	-2432	<b>T7130-2432</b>	95	<b>T7140-2432</b>	134	27	<b>T7150-2432</b>	120	47	<b>T7300-2432</b>	147	68
51	2	2	-3232	<b>T7130-3232</b>	101	<b>T7140-3232</b>	156	56	<b>T7150-3232</b>	150	58	<b>T7300-3232</b>	181	82
51	2	2.1/2	-3240	<b>T7130-3240</b>	101									
63	2.1/2	2.1/2	-4040	<b>T7130-4040</b>	79				<b>T7150-4040</b>					

**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### SAE FLANGE

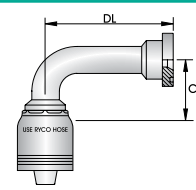
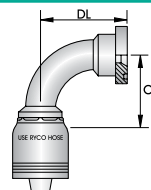
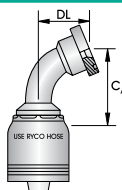
**T7290**  
(T729)

**T7160**  
(T716)

**T7170**  
(T717)

**T7171**  
(T717A)

RYCO  
CODE 61  
CLAMPS - SEE PAGES 345 & 346  
\*(5/8 KOMATSU)  
O RING NOT SUPPLIED



INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

ACCESSORIES

FILTERS

TECHNICAL

HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE 30° TUBE BEND			CODE 61 FLANGE 67.5° TUBE BEND			CODE 61 FLANGE 90° TUBE BEND			CODE 61 FLANGE 90° SPECIAL TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	1/2	-0808							<b>T7170-0808</b>	42	41			
12	1/2	3/4	-0812							<b>T7170-0812</b>	42	46	<b>T7171-0812</b>	51	73
19	3/4	*5/8	-1210							<b>T7170-1210</b>	51	48			
19	3/4	3/4	-1212	<b>T7290-1212</b>	70	18	<b>T7160-1212</b>	76	45	<b>T7170-1212</b>	55	54			
19	3/4	1	-1216				<b>T7160-1216</b>	78	49	<b>T7170-1216</b>	55	60	<b>T7171-1216</b>	55	79
25	1	3/4	-1612							<b>T7170-1612</b>	60	54			
25	1	1	-1616	<b>T7290-1616</b>	94	22	<b>T7160-1616</b>	88	50	<b>T7170-1616</b>	68	68			
25	1	1.1/4	-1620				<b>T7160-1620</b>	88	52	<b>T7170-1620</b>	70	69			
25	1	1.1/2	-1624							<b>T7170-1624</b>	68	73			
31	1.1/4	1	-2016							<b>T7170-2016</b>	78	68			
31	1.1/4	1.1/4	-2020	<b>T7290-2020</b>	104	20	<b>T7160-2020</b>	132	67	<b>T7170-2020</b>	88	78			
31	1.1/4	1.1/2	-2024	<b>T7290-2024</b>	110	23	<b>T7160-2024</b>	133	68	<b>T7170-2024</b>	88	81	<b>T7171-2024</b>	84	79
38	1.1/2	1.1/2	-2424	<b>T7290-2424</b>	118	26	<b>T7160-2424</b>	131	70	<b>T7170-2424</b>	104	93			
38	1.1/2	2	-2432	<b>T7290-2432</b>	130	32	<b>T7160-2432</b>	134	79	<b>T7170-2432</b>	104	99	<b>T7171-2432</b>	103	114
51	2	2	-3232	<b>T7290-3232</b>	149	30	<b>T7160-3232</b>	169	93	<b>T7170-3232</b>	137	130	<b>T7171-3232</b>	138	165
51	2	2.1/2	-3240							<b>T7170-3240</b>	141	134			
63	2.1/2	2.1/2	-4040							<b>T7170-4040</b>					

**NOTE:** For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 228.

**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.

# COUPLINGS

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### SAE FLANGE

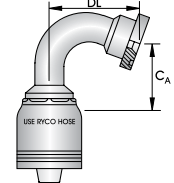
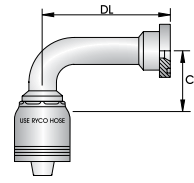
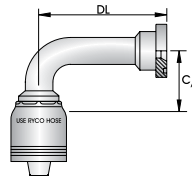
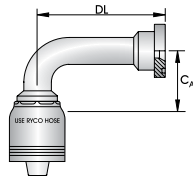
**T7172**  
(T717B)

**T7173**  
(T717L)

**T7174**  
(T717D)

**T7910**  
(T791)

RYCO  
CODE 61  
CLAMPS - SEE PAGES 345 & 346  
O RING NOT SUPPLIED



HOSE SIZE			NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE 90° SPECIAL TUBE BEND	CODE 61 FLANGE 90° LONG TUBE BEND	CODE 61 FLANGE 90° SPECIAL TUBE BEND	CODE 61 FLANGE 110° TUBE BEND								
DN	inch	inch			PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	<b>T7172-1212</b>	56	96	<b>T7173-1212</b>	55	78	<b>T7174-1212</b>	55	96	<b>T7910-1212</b>	75	63	
25	1	1	-1616	<b>T7172-1616</b>	71	67	<b>T7173-1616</b>	71	94	<b>T7174-1616</b>	70	118	<b>T7910-1616</b>	82	80	
25	1	1.1/4	-1620				<b>T7173-1620</b>	67	93	<b>T7174-1620</b>	68	118	<b>T7910-1620</b>	82	85	
31	1.1/4	1.1/4	-2020	<b>T7172-2020</b>	84	92	<b>T7173-2020</b>	80	108	<b>T7174-2020</b>	85	130	<b>T7910-2020</b>	90	95	
31	1.1/4	1.1/2	-2024										<b>T7910-2024</b>	90	98	
38	1.1/2	1.1/2	-2424	<b>T7172-2424</b>	103	148				<b>T7174-2424</b>	103	148	<b>T7910-2424</b>	148	116	
38	1.1/2	2	-2432										<b>T7910-2432</b>	149	107	
51	2	2	-3232							<b>T7174-3232</b>	136	203	<b>T7910-3232</b>	149	142	

NOTE: For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 228.

### SAE FLANGE

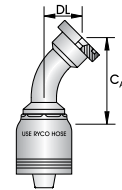
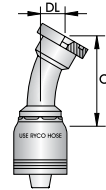
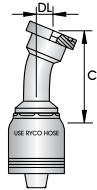
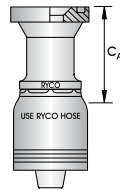
**T7330**  
(T733)

**T7440**  
(T744)

**T7450**  
(T745)

**T7350**  
(T735)

RYCO  
CODE 62  
CLAMPS - SEE PAGES 345 & 346  
O RING NOT SUPPLIED



HOSE SIZE				NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE	CODE 62 FLANGE 22.5° TUBE BEND	CODE 62 FLANGE 30° TUBE BEND	CODE 62 FLANGE 45° TUBE BEND					
DN	inch	inch				PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	1/2	-0808	<b>T7330-0808</b>	45									
12	1/2	3/4	-0812	<b>T7330-0812</b>	57									
16	5/8	1/2	-1008	<b>T7330-1008</b>	45									
16	5/8	3/4	-1012	<b>T7330-1012</b>	51									
19	3/4	3/4	-1212	<b>T7330-1212</b>	51	<b>T7440-1212</b>	77	16	<b>T7450-1212</b>	70	19	<b>T7350-1212</b>	66	28
19	3/4	1	-1216	<b>T7330-1216</b>	54	<b>T7440-1216</b>	81	18				<b>T7350-1216</b>	70	31
25	1	3/4	-1612	<b>T7330-1612</b>	53							<b>T7350-1612</b>	72	28
25	1	1	-1616	<b>T7330-1616</b>	52	<b>T7440-1616</b>	89	16	<b>T7450-1616</b>	88	22	<b>T7350-1616</b>	82	31
25	1	1.1/4	-1620	<b>T7330-1620</b>	57				<b>T7450-1620</b>	88	25	<b>T7350-1620</b>	85	34
31	1.1/4	1	-2016	<b>T7330-2016</b>	85									
31	1.1/4	1.1/4	-2020	<b>T7330-2020</b>	59	<b>T7440-2020</b>	107	17	<b>T7450-2020</b>	107	22	<b>T7350-2020</b>	102	38
31	1.1/4	1.1/2	-2024	<b>T7330-2024</b>	85	<b>T7440-2024</b>	137	22	<b>T7450-2024</b>	112	25	<b>T7350-2024</b>	106	41
38	1.1/2	1.1/2	-2424	<b>T7330-2424</b>	85	<b>T7440-2424</b>	126	24	<b>T7450-2424</b>	134	33	<b>T7350-2424</b>	118	45
38	1.1/2	2	-2432	<b>T7330-2432</b>	95							<b>T7350-2432</b>	120	50
51	2	2	-3232	<b>T7330-3232</b>	95	<b>T7440-3232</b>	162	28				<b>T7350-3232</b>	152	60

NOTE: For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 228.

NOTE: Hose Compatibility for the T7000 series can be found on page 217.

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

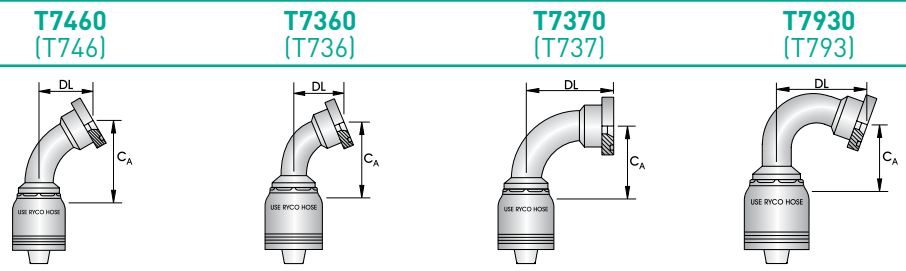
ACCESSORIES

FILTERS

TECHNICAL

### SAE FLANGE

RYCO  
CODE 62  
CLAMPS - SEE PAGES 345 & 346  
O RING NOT SUPPLIED

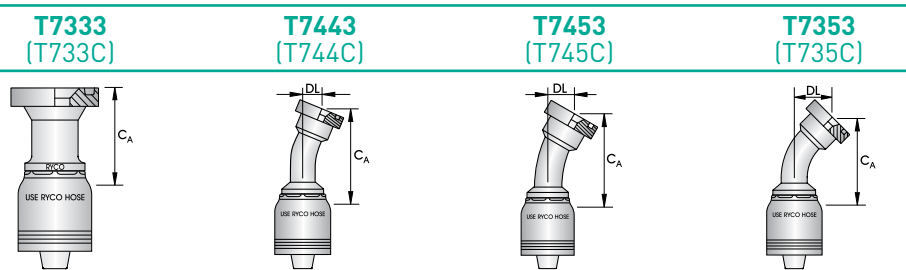


HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE 60° TUBE BEND			CODE 62 FLANGE 67.5° TUBE BEND			CODE 62 FLANGE 90° TUBE BEND			CODE 62 FLANGE 110° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	1/2	-0808							<b>T7370-0808</b>	42	42			
12	1/2	3/4	-0812							<b>T7370-0812</b>	42	46			
19	3/4	3/4	-1212	<b>T7460-1212</b>	80	36	<b>T7360-1212</b>	77	47	<b>T7370-1212</b>	55	56			
19	3/4	1	-1216	<b>T7460-1216</b>	82	37	<b>T7360-1216</b>	78	57	<b>T7370-1216</b>	55	61			
25	1	3/4	-1612							<b>T7370-1612</b>	60	56			
25	1	1	-1616	<b>T7460-1616</b>	96	44	<b>T7360-1616</b>	89	51	<b>T7370-1616</b>	68	70			
25	1	1.1/4	-1620	<b>T7460-1620</b>	97	46	<b>T7360-1620</b>	93	72	<b>T7370-1620</b>	70	71			
31	1.1/4	1	-2016							<b>T7370-2016</b>	78	70			
31	1.1/4	1.1/4	-2020	<b>T7460-2020</b>	99	46	<b>T7360-2020</b>	133	72	<b>T7370-2020</b>	88	80			
31	1.1/4	1.1/2	-2024	<b>T7460-2024</b>	122	58	<b>T7360-2024</b>	137	74	<b>T7370-2024</b>	88	86			
38	1.1/2	1.1/2	-2424	<b>T7460-2424</b>	155	71				<b>T7370-2424</b>	104	98	<b>T7930-2424</b>	149	117
38	1.1/2	2	-2432							<b>T7370-2432</b>	104	104	<b>T7930-2432</b>	150	108
51	2	2	-3232							<b>T7370-3232</b>	137	131	<b>T7930-3232</b>	150	143

**NOTE:** For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 228.

### SPECIAL FLANGE

RYCO  
CODE 62C  
O RING NOT SUPPLIED



HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62C FLANGE			RYCO CODE 62C FLANGE 22.5° TUBE BEND			RYCO CODE 62C FLANGE 30° TUBE BEND			RYCO CODE 62C FLANGE 45° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	CA	DL
19	3/4	3/4	-1212	<b>T7333-1212</b>	62		<b>T7443-1212</b>	82	19	<b>T7453-1212</b>	81	23	<b>T7353-1212</b>	69	31
19	3/4	1	-1216	<b>T7333-1216</b>	62		<b>T7443-1216</b>	85	20				<b>T7353-1216</b>	72	33
25	1	1	-1616	<b>T7333-1616</b>	64		<b>T7443-1616</b>	89	16	<b>T7453-1616</b>	108	24	<b>T7353-1616</b>	83	35
25	1	1.1/4	-1620	<b>T7333-1620</b>	71		<b>T7443-1620</b>	93	16	<b>T7453-1620</b>	111	25	<b>T7353-1620</b>	81	37
31	1.1/4	1.1/4	-2020	<b>T7333-2020</b>	86		<b>T7443-2020</b>	107	17	<b>T7453-2020</b>	115	25	<b>T7353-2020</b>	104	41
31	1.1/4	1.1/2	-2024	<b>T7333-2024</b>	86		<b>T7443-2024</b>	137	22	<b>T7453-2024</b>	114	26	<b>T7353-2024</b>	105	41
38	1.1/2	1.1/2	-2424	<b>T7333-2424</b>	88		<b>T7443-2424</b>	126	24	<b>T7453-2424</b>	116	30	<b>T7353-2424</b>	119	46
51	2	2	-3232	<b>T7333-3232</b>	97								<b>T7353-3232</b>	156	61

**NOTE:** These T7003 fittings have similar end styles to Caterpillar® XT-3 range of Flanged Hose Couplings. Cat™ Caterpillar®, XT-3™ Caterpillar®  
For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 228.

**NOTE:** Hose Compatibility for the T7000 series can be found on page 217.

# COUPLINGS

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### SPECIAL FLANGE

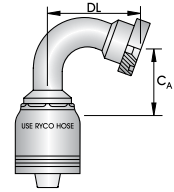
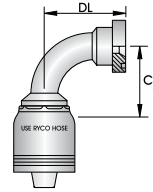
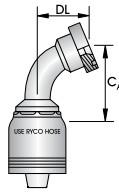
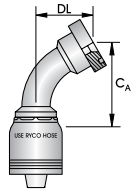
**T7463**  
(T746C)

**T7363**  
(T736C)

**T7373**  
(T737C)

**T7933**  
(T793C)

RYCO  
CODE 62C  
O RING NOT SUPPLIED



HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62C FLANGE 60° TUBE BEND	RYCO CODE 62C FLANGE 67.5° TUBE BEND	RYCO CODE 62C FLANGE 90° TUBE BEND	RYCO CODE 62C FLANGE 110° TUBE BEND								
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	<b>T7463-1212</b>	80	37	<b>T7363-1212</b>	79	52	<b>T7373-1212</b>	55	61			
19	3/4	1	-1216	<b>T7463-1216</b>	82	41	<b>T7363-1216</b>	80	53	<b>T7373-1216</b>	55	66			
25	1	1	-1616	<b>T7463-1616</b>	96	47	<b>T7363-1616</b>	91	53	<b>T7373-1616</b>	68	74			
25	1	1.1/4	-1620	<b>T7463-1620</b>	101	49	<b>T7363-1620</b>	92	56	<b>T7373-1620</b>	68	75			
31	1.1/4	1.1/4	-2020	<b>T7463-2020</b>	120	56	<b>T7363-2020</b>	113	67	<b>T7373-2020</b>	85	83			
31	1.1/4	1.1/2	-2024	<b>T7463-2024</b>	145	66	<b>T7363-2024</b>	136	76	<b>T7373-2024</b>	86	85			
38	1.1/2	1.1/2	-2424	<b>T7463-2424</b>	144	68	<b>T7363-2424</b>	136	77	<b>T7373-2424</b>	99	99	<b>T7933-2424</b>	140	120
51	2	2	-3232							<b>T7272-3232</b>	137	133			

**NOTE:** These **T7003** fittings have similar end styles to Caterpillar® XT-3 range of Flanged Hose Couplings. Cat™ Caterpillar®, XT-3™ Caterpillar®. For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 228.

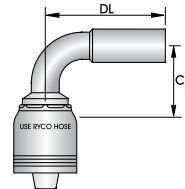
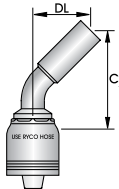
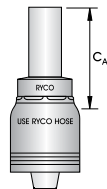
### STANDPIPE

**T7640**  
(T764)

**T7643**  
(T764B)

**T7646**  
(T764C)

METRIC



HOSE SIZE		TUBE SIZE	DASH SIZE	METRIC STANDPIPE	METRIC STANDPIPE 45° TUBE BEND	METRIC STANDPIPE 90° TUBE BEND			
DN	inch	mm		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	14	-0814	<b>T7640-0814</b>	40				
12	1/2	16	-0816				<b>T7646-0816</b>	41	53
19	3/4	20	-1220	<b>T7640-1220</b>	47				
19	3/4	25	-1225						
25	1	25	-1625						
31	1.1/4	30	-2030	<b>T7640-2030</b>	23				
31	1.1/4	38	-2038	<b>T7640-2038</b>	23				

**NOTE:** See page 337 for DKL and DKS Metric Nuts and Olives for use with Metric Standpipe Fittings.

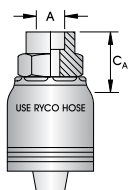
**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.

## T7000 (T700) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### SALVAGE

**T7230**  
(T723)

TUBE WELD



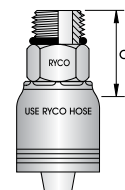
HOSE SIZE		A	DASH SIZE	SALVAGE (LIFESAVER)	
DN	inch	inch		PART NO	C <sub>A</sub>
12	1/2	1/2	-0808	<b>T7230-0808</b>	19
12	1/2	5/8	-0810	<b>T7230-0810</b>	21
19	3/4	5/8	-1210	<b>T7230-1210</b>	21
19	3/4	3/4	-1212	<b>T7230-1212</b>	26
19	3/4	1	-1216	<b>T7230-1216</b>	21
25	1	3/4	-1612	<b>T7230-1612</b>	27
25	1	1	-1616	<b>T7230-1616</b>	26
25	1	1.1/4	-1620	<b>T7230-1620</b>	27
31	1.1/4	1	-2016	<b>T7230-2016</b>	29
31	1.1/4	1.1/4	-2020	<b>T7230-2020</b>	31
38	1.1/2	1.1/2	-2424	<b>T7230-2424</b>	34
51	2	2	-3232	<b>T7230-3232</b>	41

**WARNING:** Due to high pressures involved, special care must be taken when using **T7230** Salvage Couplings. See Clause 8 of the Terms & Conditions of Sale.

### UNO (O RING BOSS)

**T7200**  
(T720)

O RING SUPPLIED



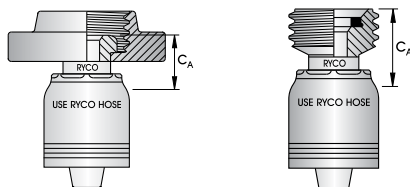
HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	UN O RING MALE	
DN	inch	inch	inch		PART NO	C <sub>A</sub>
19	3/4	1.1/16	3/4	-1217	<b>T7200-1217</b>	36
25	1	1.5/16	1	-1621	<b>T7200-1621</b>	39

### HAMMER UNION

**T71502**

**T71501**

FIGURE 1502  
STANDARD SERVICE



HOSE SIZE		THRD SIZE	DASH SIZE	FIG 1502 MALE (WITH NUT)		FIG 1502 FEMALE (WITH SEAL)	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
38	1.1/2	2	-2432	<b>T71502-2432</b>	110	<b>T71501-2432</b>	91
51	2	2	-3232	<b>T71502-3232</b>	111	<b>T71501-3232</b>	92

**NOTE:** Nut must be installed onto hose before coupling is installed and crimped. Replacement parts **RF1502N-32** nut and **RF1502W-32** Nitrile seal are available.

**NOTE:** Hose Compatibility for the **T7000** series can be found on page 217.

# COUPLINGS

## T9000 (T900) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### HOSE COMPATIBILITY FOR T9000 SERIES

#### NON-SKIVE

For RYCO Hose H5032, H6024, R4SH12, R4SH16.

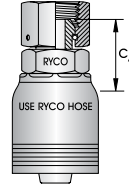
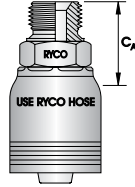
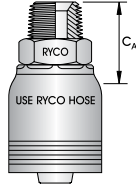
#### BSP

**T9010**  
(T901)

**T9013**  
(T901P)

**T9020**  
(T902)

60° SEAT



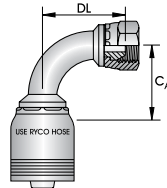
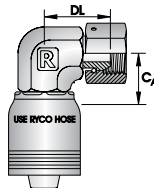
HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE	BSPP MALE	BSPP FEMALE
<b>DN</b>	<b>inch</b>	<b>inch</b>		<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>PART NO</b>
19	3/4	3/4	-1212	<b>T9010-1212</b>	42	<b>T9013-1212</b>
25	1	1	-1616	<b>T9010-1616</b>	49	<b>T9013-1616</b>
31	1.1/4	1.1/4	-2020	<b>T9010-2020</b>	54	<b>T9013-2020</b>
38	1.1/2	1.1/2	-2424	<b>T9010-2424</b>	61	<b>T9013-2424</b>
51	2	2	-3232	<b>T9010-3232</b>	64	<b>T9013-3232</b>

#### BSP

**T9050**  
(T905)

**T9260**  
(T926)

60° SEAT



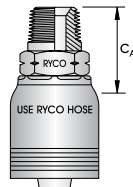
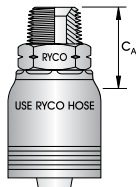
HOSE SIZE		THRD SIZE	DASH SIZE	BSPP FEMALE 90° ELBOW	BSPP FEMALE 90° TUBE BEND
<b>DN</b>	<b>inch</b>	<b>inch</b>		<b>PART NO</b>	<b>C<sub>A</sub></b>
19	3/4	3/4	-1212	<b>T9050-1212</b>	36
25	1	1	-1616	<b>T9050-1616</b>	40
31	1.1/4	1.1/4	-2020	<b>T9050-2020</b>	49
38	1.1/2	1.1/2	-2424	<b>T9050-2424</b>	59
51	2	2	-3232	<b>T9050-3232</b>	62

#### NPT

**T9090**  
(T909)

**T9091**  
(T909E)

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	NPT MALE	NPT MALE EXTENDED (API)
<b>DN</b>	<b>inch</b>	<b>inch</b>		<b>PART NO</b>	<b>C<sub>A</sub></b>
19	3/4	3/4	-1212	<b>T9090-1212</b>	42
25	1	1	-1616	<b>T9090-1616</b>	49
31	1.1/4	1.1/4	-2020	<b>T9090-2020</b>	54
38	1.1/2	1.1/2	-2424	<b>T9090-2424</b>	55
51	2	2	-3232	<b>T9090-3232</b>	66



## T9000 (T900) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

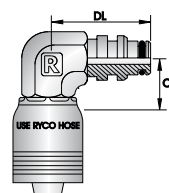
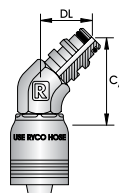
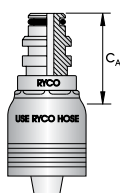
### CROCBITE

T9880

T9881

T9882

CROCBITE  
HIGH PRESSURE



HOSE SIZE		MWP	DASH SIZE	CROCBITE MALE	CROCBITE MALE 45° ELBOW			CROCBITE MALE 90° ELBOW			
DN	inch	bar		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	420	-1220	<b>T9880-1220</b>	47						
25	1	420	-1625	<b>T9880-1625</b>	66						
31	1.1/4	420	-2032	<b>T9880-2032</b>	68	<b>T9881-2032</b>	77	50	<b>T9882-2032</b>	52	94
38	1.1/2	420	-2440	<b>T9880-2440</b>	72	<b>T9881-2440</b>	86	53	<b>T9882-2440</b>	59	101
51	2	420	-3250	<b>T9880-3250</b>	102	<b>T9881-3250</b>	114	73	<b>T9882-3250</b>	73	135

### JIC

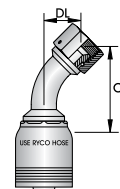
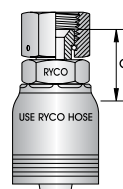
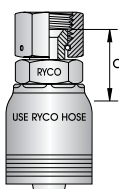
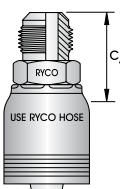
T9030  
(T903)

T9040  
(T904)

T9045  
(T904V)

T9250  
(T925)

37° FLARE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	JIC MALE	JIC FEMALE		JIC FEMALE HIGH PRESSURE		JIC FEMALE 45° TUBE BEND			
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
19	3/4	1.1/16	3/4	-1217	<b>T9030-1217</b>	43	<b>T9040-1217</b>	28			<b>T9250-1217</b>	66	22
19	3/4	1.5/16	1	-1221			<b>T9040-1221</b>	32					
25	1	1.5/16	1	-1621	<b>T9030-1621</b>	47	<b>T9040-1621</b>	34	<b>T9045-1621</b>	37	<b>T9250-1621</b>	78	30
31	1.1/4	1.5/8	1.1/4	-2026	<b>T9030-2026</b>	52	<b>T9040-2026</b>	44	<b>T9045-2026</b>	36	<b>T9250-2026</b>	96	39
38	1.1/2	1.7/8	1.1/2	-2430	<b>T9030-2430</b>	57	<b>T9040-2430</b>	49	<b>T9045-2430</b>	57	<b>T9250-2430</b>	121	50
51	2	2.1/2	2	-3240	<b>T9030-3240</b>	73	<b>T9040-3240</b>	60			<b>T9250-3240</b>	156	63

### JIC

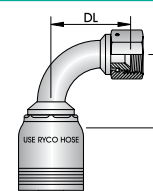
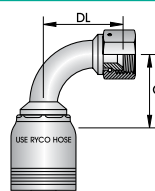
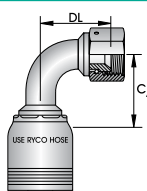
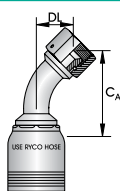
T9255  
(T925V)

T9243  
(T924S)

T9240  
(T924)

T9245  
(T924V)

37° FLARE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE HIGH PRESSURE 45° BEND			JIC FEMALE 90° SHORT BEND			JIC FEMALE 90° MEDIUM BEND			JIC FEMALE HIGH PRESSURE 90° MEDIUM BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	1.1/16	3/4	-1217							<b>T9240-1217</b>	58	57			
19	3/4	1.5/16	1	-1221												
25	1	1.5/16	1	-1621	<b>T9255-1621</b>	85	35				<b>T9240-1621</b>	69	72	<b>T9245-1621</b>	69	72
31	1.1/4	1.5/8	1.1/4	-2026	<b>T9255-2026</b>	104	43				<b>T9240-2026</b>	88	81	<b>T9245-2026</b>	88	87
38	1.1/2	1.7/8	1.1/2	-2430	<b>T9255-2430</b>	127	55				<b>T9240-2430</b>	104	106	<b>T9245-2430</b>	103	111
51	2	2.1/2	2	-3240							<b>T9240-3240</b>	141	132			

**NOTE:** Hose Compatibility for the T9000 series can be found on page 234.

# COUPLINGS

## T9000 (T900) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### METRIC

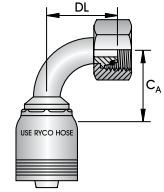
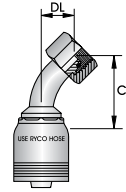
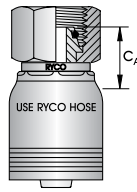
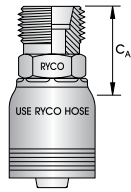
**T9630**  
(T963)

**T9711**  
(T971)

**T9720**  
(T972)

**T9730**  
(T973)

**DKS/DKOS**  
**METRIC O RING (HEAVY)**



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	DKS MALE 24° CONE	DKOS FEMALE 24° CONE	DKOS FEMALE 24° CONE 45° TUBE BEND	DKOS FEMALE 24° CONE 90° TUBE BEND
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
19	3/4	36x2,0	25	-1236	<b>T9630-1236</b>	40	<b>T9711-1236</b>
25	1	42x2,0	30	-1642	<b>T9630-1642</b>	43	<b>T9711-1642</b>
31	1.1/4	52x2,0	38	-2052	<b>T9630-2052</b>	48	<b>T9711-2052</b>

DN	inch	inch	inch	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	36x2,0	25	-1236	<b>T9630-1236</b>	40	<b>T9711-1236</b>	33	<b>T9720-1236</b>
25	1	42x2,0	30	-1642	<b>T9630-1642</b>	43	<b>T9711-1642</b>	35	<b>T9720-1642</b>
31	1.1/4	52x2,0	38	-2052	<b>T9630-2052</b>	48	<b>T9711-2052</b>	39	<b>T9720-2052</b>

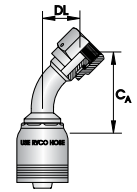
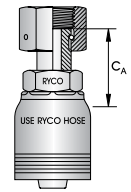
### ORFS

**T9800**  
(T980)

**T9810**  
(T981)

**T9820**  
(T982)

**O RING**  
**FACE SEAL**



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE	ORFS FEMALE 45° TUBE BEND	ORFS FEMALE 90° MEDIUM BEND
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO
19	3/4	1.3/16	3/4	-1219	<b>T9800-1219</b>	44
25	1	1.7/16	1	-1623	<b>T9800-1623</b>	56
31	1.1/4	1.11/16	1.1/4	-2027	<b>T9800-2027</b>	59
38	1.1/2	2	1.1/2	-2432	<b>T9800-2432</b>	69

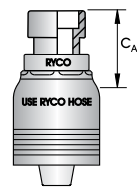
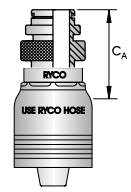
DN	inch	inch	inch	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	1.3/16	3/4	-1219	<b>T9800-1219</b>	44	<b>T9810-1219</b>	66	29
25	1	1.7/16	1	-1623	<b>T9800-1623</b>	56	<b>T9810-1623</b>	87	34
31	1.1/4	1.11/16	1.1/4	-2027	<b>T9800-2027</b>	59	<b>T9810-2027</b>	107	45
38	1.1/2	2	1.1/2	-2432	<b>T9800-2432</b>	69			

### RKVP

**T9896**

**T9899**

**RKVP**  
**HIGH PRESSURE**



HOSE SIZE	RKVP SIZE	MAX WP	DASH SIZE	RKVP MALE	RKVP FEMALE
DN	inch	mm	bar	PART NO	C <sub>A</sub>
19	3/4	20	420	-1220	<b>T9896-1220</b>
25	1	25	420	-1625	<b>T9896-1625</b>
31	1.1/4	32	420	-2032	<b>T9896-2032</b>
38	1.1/2	40	420	-2440	<b>T9896-2440</b>
51	2	50	420	-3250	<b>T9896-3250</b>

DN	inch	mm <th>bar <th>PART NO</th> <th>C<sub>A</sub></th> <th>PART NO</th> <th>C<sub>A</sub></th> </th>	bar <th>PART NO</th> <th>C<sub>A</sub></th> <th>PART NO</th> <th>C<sub>A</sub></th>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
19	3/4	20	420	-1220	<b>T9896-1220</b>	57	<b>T9899-1220</b>
25	1	25	420	-1625	<b>T9896-1625</b>	61	<b>T9899-1625</b>
31	1.1/4	32	420	-2032	<b>T9896-2032</b>	75	<b>T9899-2032</b>
38	1.1/2	40	420	-2440	<b>T9896-2440</b>	89	<b>T9899-2440</b>
51	2	50	420	-3250	<b>T9896-3250</b>	82	<b>T9899-3250</b>

**NOTE:** Hose Compatibility for the **T9000** series can be found on page 234.

## T9000 (T900) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

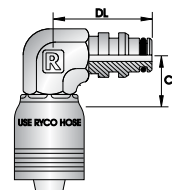
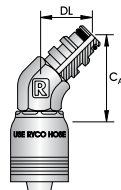
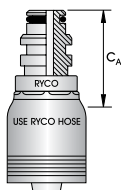
### STAPLELOK

**T9870**  
(T987)

**T9871**  
(T988)

**T9872**  
(T989)

STAPLE  
O RING & BACK UP RING  
SUPPLIED

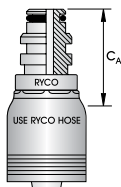


HOSE SIZE		STAPLE SIZE	DASH SIZE	STAPLELOK MALE	STAPLELOK MALE 45° ELBOW			STAPLELOK MALE 90° ELBOW			
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	20	-1220	<b>T9870-1220</b>	39	<b>T9871-1220</b>	59	33	<b>T9872-1220</b>	37	56
25	1	25	-1625	<b>T9870-1625</b>	49	<b>T9871-1625</b>	64	37	<b>T9872-1625</b>	46	68
31	1.1/4	32	-2032	<b>T9870-2032</b>	49	<b>T9871-2032</b>	65	37	<b>T9872-2032</b>	48	68
38	1.1/2	40	-2440	<b>T9870-2440</b>	58	<b>T9871-2440</b>	83	44	<b>T9872-2440</b>	62	85
51	2	50	-3250	<b>T9870-3250</b>	58	<b>T9871-3250</b>	91	46	<b>T9872-3250</b>	67	95

### SUPERLOK

**T9876**  
(T987S)

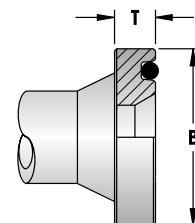
SUPERSTAPLE  
O RING & BACK UP RING  
SUPPLIED



HOSE SIZE		STAPLE SIZE	DASH SIZE	SUPERLOK MALE
DN	inch	inch		PART NO
19	3/4	20	-1220	<b>T9876-1220</b>
25	1	25	-1625	<b>T9876-1625</b>
31	1.1/4	32	-2032	<b>T9876-2032</b>
38	1.1/2	40	-2440	<b>T9876-2440</b>
51	2	50	-3250	<b>T9876-3250</b>

### DIMENSIONS FOR SAE CODE 61 AND CODE 62 FLANGES, AND RYCO CODE 62C FLANGES

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495	79,4	3.13	14,20	0.559
2.1/2	84,1	3.31	9,53	0.375								
3	101,6	4.00	9,53	0.375								



**NOTE:** \*5/8 is used by Komatsu.  
RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.  
RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

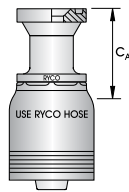
**NOTE:** Hose Compatibility for the **T9000** series can be found on page 234.

# COUPLINGS

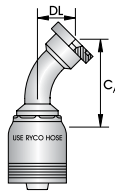
## T9000 (T900) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### SAE FLANGE

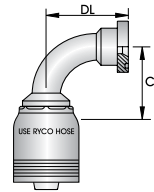
**T9130**  
(T913)



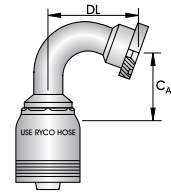
**T9150**  
(T915)



**T9170**  
(T917)



**T9910**  
(T991)



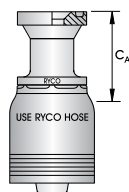
RYCO  
CODE 61  
CLAMPS - SEE PAGES 345 & 346  
O RING NOT SUPPLIED

HOSE SIZE			NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND			CODE 61 FLANGE 90° TUBE BEND			CODE 61 FLANGE 110° TUBE BEND			
DN	inch	inch			PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212		<b>T9130-1212</b>	46	<b>T9150-1212</b>	68	26	<b>T9170-1212</b>	58	54			
25	1	1	-1616		<b>T9130-1616</b>	52	<b>T9150-1616</b>	83	30	<b>T9170-1616</b>	70	68			
25	1	1.1/4	-1620		<b>T9130-1620</b>	57	<b>T9150-1620</b>	85	32	<b>T9170-1620</b>	70	69			
31	1.1/4	1.1/4	-2020		<b>T9130-2020</b>	59	<b>T9150-2020</b>	99	36	<b>T9170-2020</b>	87	78			
31	1.1/4	1.1/2	-2024		<b>T9130-2024</b>	85	<b>T9150-2024</b>	102	38	<b>T9170-2024</b>	87	81			
38	1.1/2	1.1/2	-2424		<b>T9130-2424</b>	86	<b>T9150-2424</b>	116	42	<b>T9170-2424</b>	105	93	<b>T9910-2424</b>	148	107
38	1.1/2	2	-2432		<b>T9130-2432</b>	96	<b>T9150-2432</b>	121	47	<b>T9170-2432</b>	104	99	<b>T9910-2432</b>	147	115
51	2	2	-3232		<b>T9130-3232</b>	100	<b>T9150-3232</b>	154	58	<b>T9170-3232</b>	148	130	<b>T9910-3232</b>	166	136

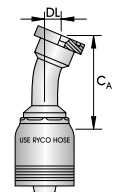
NOTE: For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 237.

### SAE FLANGE

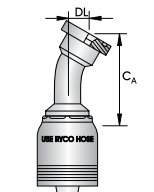
**T9330**  
(T933)



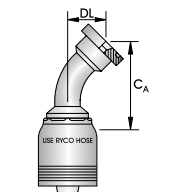
**T9440**  
(T944)



**T9450**  
(T945)



**T9350**  
(T935)



RYCO  
CODE 62  
CLAMPS - SEE PAGES 345 & 346  
O RING NOT SUPPLIED

HOSE SIZE			NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE	CODE 62 FLANGE 22.5° TUBE BEND			CODE 62 FLANGE 30° TUBE BEND			CODE 62 FLANGE 45° TUBE BEND			
DN	inch	inch			PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212		<b>T9330-1212</b>	53	<b>T9440-1212</b>	80	16	<b>T9450-1212</b>	73	19	<b>T9350-1212</b>	69	28
19	3/4	1	-1216		<b>T9330-1216</b>	57							<b>T9350-1216</b>	73	31
25	1	3/4	-1612		<b>T9330-1612</b>	54									
25	1	1	-1616		<b>T9330-1616</b>	57	<b>T9440-1616</b>	91	16	<b>T9450-1616</b>	90	22	<b>T9350-1616</b>	84	31
25	1	1.1/4	-1620		<b>T9330-1620</b>	69				<b>T9450-1620</b>	90	25	<b>T9350-1620</b>	85	34
31	1.1/4	1	-2016		<b>T9330-2016</b>	68									
31	1.1/4	1.1/4	-2020		<b>T9330-2020</b>	69	<b>T9440-2020</b>	108	17	<b>T9450-2020</b>	108	22	<b>T9350-2020</b>	101	38
31	1.1/4	1.1/2	-2024		<b>T9330-2024</b>	98	<b>T9440-2024</b>	138	22	<b>T9450-2024</b>	113	25	<b>T9350-2024</b>	105	41
38	1.1/2	1.1/4	-2420		<b>T9330-2420</b>	70									
38	1.1/2	1.1/2	-2424		<b>T9330-2424</b>	100	<b>T9440-2424</b>	127	24	<b>T9450-2424</b>	135	33	<b>T9350-2424</b>	119	45
38	1.1/2	2	-2432		<b>T9330-2432</b>	118							<b>T9350-2432</b>	121	50
51	2	1.1/2	-3224		<b>T9330-3224</b>	105									
51	2	2	-3232		<b>T9330-3232</b>	122	<b>T9440-3232</b>	167	28	<b>T9450-3232</b>	165	40	<b>T9350-3232</b>	157	60

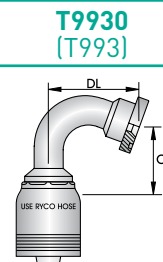
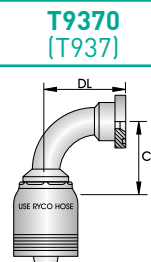
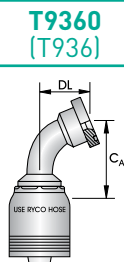
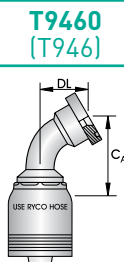
NOTE: For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 237.

NOTE: Hose Compatibility for the T9000 series can be found on page 234.

## T9000 (T900) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### SAE FLANGE

**RYCO  
CODE 62  
CLAMPS - SEE PAGES 345 & 346  
O RING NOT SUPPLIED**

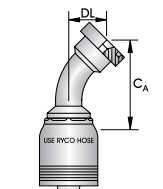
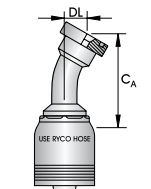
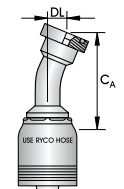
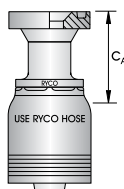


HOSE SIZE			NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE 60° TUBE BEND			CODE 62 FLANGE 67.5° TUBE BEND			CODE 62 FLANGE 90° TUBE BEND			CODE 62 FLANGE 110° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
19	3/4	3/4	-1212	<b>T9460-1212</b>	81	36	<b>T9360-1212</b>	80	47	<b>T9370-1212</b>	58	56				
19	3/4	1	-1216							<b>T9370-1216</b>	57	61				
25	1	3/4	-1612							<b>T9370-1612</b>	61	56				
25	1	1	-1616	<b>T9460-1616</b>	98	44	<b>T9360-1616</b>	91	51	<b>T9370-1616</b>	70	70				
25	1	1.1/4	-1620	<b>T9460-1620</b>	99	46	<b>T9360-1620</b>	95	72	<b>T9370-1620</b>	70	71				
31	1.1/4	1.1/4	-2020	<b>T9460-2020</b>	100	46	<b>T9360-2020</b>	134	72	<b>T9370-2020</b>	87	80	<b>T9930-2020</b>	89	97	
31	1.1/4	1.1/2	-2024	<b>T9460-2024</b>	123	58	<b>T9360-2024</b>	138	74	<b>T9370-2024</b>	87	86				
38	1.1/2	1.1/2	-2424	<b>T9460-2424</b>	156	71				<b>T9370-2424</b>	105	98	<b>T9930-2424</b>	119	142	
38	1.1/2	2	-2432	<b>T9460-2432</b>	160	79				<b>T9370-2432</b>	104	104	<b>T9930-2432</b>	143	122	
51	2	2	-3232	<b>T9460-3232</b>	221	101				<b>T9370-3232</b>	165	131	<b>T9930-3232</b>	170	143	

**NOTE:** For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 237.

### SPECIAL FLANGE

**RYCO  
CODE 62C  
CLAMPS - SEE PAGES 345 & 346  
O RING NOT SUPPLIED**



HOSE SIZE			NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62C FLANGE			RYCO CODE 62C FLANGE 22.5° TUBE BEND			RYCO CODE 62C FLANGE 30° TUBE BEND			RYCO CODE 62C FLANGE 45° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
19	3/4	3/4	-1212	<b>T9333-1212</b>	88		<b>T9443-1212</b>	80	16	<b>T9453-1212</b>	84	23	<b>T9353-1212</b>	72	31	
25	1	1	-1616	<b>T9333-1616</b>	90		<b>T9443-1616</b>	91	16	<b>T9453-1616</b>	111	24	<b>T9353-1616</b>	87	35	
25	1	1.1/4	-1620	<b>T9333-1620</b>	90		<b>T9443-1620</b>	95	16	<b>T9453-1620</b>	114	25	<b>T9353-1620</b>	84	37	
31	1.1/4	1.1/4	-2020	<b>T9333-2020</b>	87		<b>T9443-2020</b>	108	17	<b>T9453-2020</b>	116	25	<b>T9353-2020</b>	104	41	
31	1.1/4	1.1/2	-2024	<b>T9333-2024</b>	87		<b>T9443-2024</b>	138	22	<b>T9453-2024</b>	115	26	<b>T9353-2024</b>	106	41	
38	1.1/2	1.1/2	-2424	<b>T9333-2424</b>	89		<b>T9443-2424</b>	127	24	<b>T9453-2424</b>	117	30	<b>T9353-2424</b>	120	46	
51	2	2	-3232	<b>T9333-3232</b>	110								<b>T9353-3232</b>	159	61	

**NOTE:** These **T9000C** fittings have similar end styles to Caterpillar® XT-5 range of Flanged Hose Couplings. Cat™ Caterpillar®, XT-5™ Caterpillar®.  
For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 237.

**NOTE:** Hose Compatibility for the **T9000** series can be found on page 234.

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# COUPLINGS

## T9000 (T900) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

### SPECIAL FLANGE

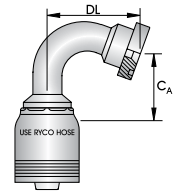
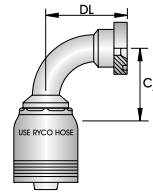
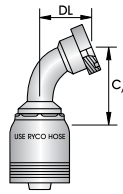
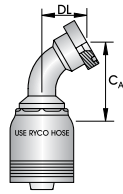
**T9463**  
(T946C)

**T9363**  
(T936C)

**T9373**  
(T937C)

**T9933**  
(T993C)

RYCO  
CODE 62C  
CLAMPS - SEE PAGES 345 & 346  
O RING NOT SUPPLIED



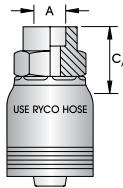
HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62C FLANGE 60° TUBE BEND	RYCO CODE 62C FLANGE 67.5° TUBE BEND	RYCO CODE 62C FLANGE 90° TUBE BEND	RYCO CODE 62C FLANGE 110° TUBE BEND								
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	<b>T9463-1212</b>	87	46	<b>T9363-1212</b>	82	52	<b>T9373-1212</b>	58	63			
25	1	1	-1616	<b>T9463-1616</b>	99	47	<b>T9363-1616</b>	94	53	<b>T9373-1616</b>	70	74			
25	1	1.1/4	-1620	<b>T9463-1620</b>	104	49	<b>T9363-1620</b>	95	56	<b>T9373-1620</b>	70	75			
31	1.1/4	1.1/4	-2020	<b>T9463-2020</b>	121	56	<b>T9363-2020</b>	114	67	<b>T9373-2020</b>	87	83			
31	1.1/4	1.1/2	-2024	<b>T9463-2024</b>	146	66	<b>T9363-2024</b>	137	76	<b>T9373-2024</b>	87	85			
38	1.1/2	1.1/2	-2424	<b>T9463-2424</b>	145	68	<b>T9363-2424</b>	137	77	<b>T9373-2424</b>	100	99	<b>T9933-2424</b>	141	120
51	2	2	-3232							<b>T9373-3232</b>	165	133			

**NOTE:** These **T9000C** fittings have similar end styles to Caterpillar® XT-5 range of Flanged Hose Couplings. Cat™ Caterpillar®, XT-5™ Caterpillar®. For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 237.

### SALVAGE

**T9230**  
(T923)

TUBE WELD



HOSE SIZE	A	DASH SIZE	SALVAGE (LIFESAVER)		
DN	inch	inch	PART NO	C <sub>A</sub>	
19	3/4	3/4	-1212	<b>T9230-1212</b>	23
25	1	1	-1616	<b>T9230-1616</b>	27
31	1.1/4	1.1/4	-2020	<b>T9230-2020</b>	31
38	1.1/2	1.1/2	-2424	<b>T9230-2424</b>	34
51	2	2	-3232	<b>T9230-3232</b>	48

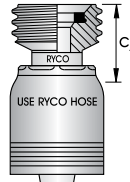
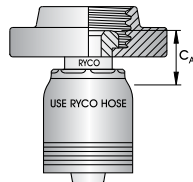
**WARNING:** Due to high pressures involved, special care must be taken when using **T9230** Salvage Couplings. See Clause 8 of the Terms & Conditions of Sale.

### HAMMER UNION

**T91502**

**T91501**

FIGURE 1502  
STANDARD SERVICE



HOSE SIZE	THRD SIZE	DASH SIZE	FIG 1502 MALE (WITH NUT)	FIG 1502 FEMALE (WITH SEAL)			
DN	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	
38	1.1/2	2	-2432	<b>T91502-2432</b>	111	<b>T91501-2432</b>	92
51	2	2	-3232	<b>T91502-3232</b>	115	<b>T91501-3232</b>	96

**NOTE:** Nut must be installed onto hose before coupling is installed and crimped. Replacement parts **RF1502N-32** nut and **RF1502W-32** Nitrile seal are available.

**NOTE:** Hose Compatibility for the **T9000** series can be found on page 234.

## TT000 ONE-PIECE CRIMP COUPLINGS

### HOSE COMPATIBILITY FOR TT000 SERIES

For RYCO Hose Series RTH1.

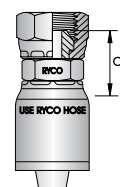
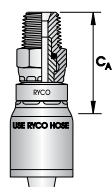
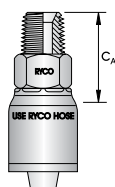
#### BSP

#### TT010

#### TT320

#### TT020

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE		BSPT MALE SWIVEL		BSP FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>TT010-0404</b>	30			<b>TT020-0404</b>	24
10	3/8	1/4	-0604	<b>TT010-0604</b>	33				
10	3/8	3/8	-0606	<b>TT010-0606</b>	33			<b>TT020-0606</b>	27
10	3/8	1/2	-0608	<b>TT010-0608</b>	38				
12	1/2	3/8	-0806	<b>TT010-0806</b>	35				
12	1/2	1/2	-0808	<b>TT010-0808</b>	40	<b>TT320-0808</b>	55	<b>TT020-0808</b>	29
16	5/8	1/2	-1008					<b>TT020-1008</b>	27
19	3/4	3/4	-1212	<b>TT010-1212</b>	42			<b>TT020-1212</b>	27
25	1	1	-1616	<b>TT010-1616</b>	49			<b>TT020-1616</b>	37

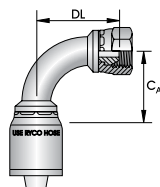
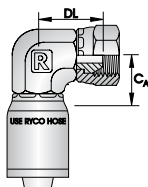
**NOTE:** This "Live Swivel" TT320 Series Insert is for Maximum Working Pressure: 350 bar (5100 psi): -08 Thread Size. Its swivel capability is to allow easy installation and orientation and avoid twisting of hose. It is not designed for continuous rotation or continuous movement.

#### BSP

#### TT050

#### TT260

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSP FEMALE 90° ELBOW			BSP FEMALE 90° BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404				<b>TT260-0404</b>	27	29
10	3/8	3/8	-0606				<b>TT260-0606</b>	35	33
12	1/2	1/2	-0808	<b>TT050-0808</b>	29	31	<b>TT260-0808</b>	40	45
19	3/4	3/4	-1212				<b>TT260-1212</b>	55	58
25	1	1	-1616				<b>TT260-1616</b>	62	62

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## TT000 ONE-PIECE CRIMP COUPLINGS

### JIC

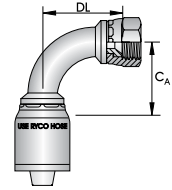
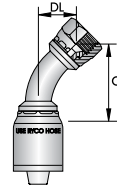
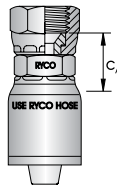
TT030

TT040

TT250

TT240

37° FLARE

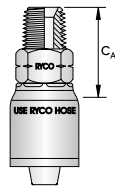


HOSE SIZE		THRD SIZE	DASH SIZE	JIC MALE	JIC FEMALE	JIC FEMALE 45° BEND	JIC FEMALE 90° BEND						
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	-0407	TT030-0407	29	TT040-0407	22				TT240-0407	26	32
6	1/4	1/2	-0408	TT030-0408	29	TT040-0408	22				TT240-0408	26	32
6	1/4	9/16	-0409	TT030-0409	30	TT040-0409	22				TT240-0409	26	38
10	3/8	9/16	-0609	TT030-0609	32	TT040-0609	22	TT250-0609	39	11	TT240-0609	35	38
10	3/8	3/4	-0612	TT030-0612	35	TT040-0612	24				TT240-0612	35	41
12	1/2	3/4	-0812	TT030-0812	37	TT040-0812	25				TT240-0812	41	41
12	1/2	7/8	-0814	TT030-0814	39	TT040-0814	27	TT250-0814	48	18	TT240-0814	41	47
16	5/8	7/8	-1014			TT040-1014	27				TT240-1014	48	47
16	5/8	1.1/16	-1017			TT040-1017	29						
19	3/4	7/8	-1214			TT040-1214	29						
19	3/4	1.1/16	-1217			TT040-1217	30				TT240-1217	55	57
25	1	1.5/16	-1621			TT040-1621	36				TT240-1621	68	73

### NPT

TT090

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	NPT MALE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	TT090-0404	30
10	3/8	3/8	-0606	TT090-0606	33
12	1/2	1/2	-0808	TT090-0808	40
19	3/4	3/4	-1212	TT090-1212	42
25	1	1	-1616	TT090-1616	48

**NOTE:** Hose Compatibility for the TT000 series can be found on page 241.



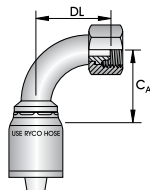
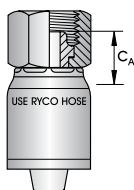
## TT000 ONE-PIECE CRIMP COUPLINGS

### METRIC

TT600

TT670

DKL 24°/60° CONE

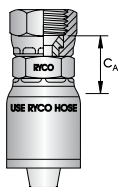


HOSE SIZE		THRD SIZE	DASH SIZE	DKL FEMALE 24°/60° CONE	C <sub>A</sub>	DKL FEMALE 24°/60° CONE 90° TUBE BEND	C <sub>A</sub>	DL
DN	inch	inch		PART NO		PART NO		
12	1/2	1.3/8	-0822	<b>TT600-0822</b>	25	<b>TT670-0822</b>	40	44

### SAE

TT540

45° FLARE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	SAE FEMALE	C <sub>A</sub>
DN	inch	inch	inch		PART NO	
6	1/4	7/16	1/4	-0407	<b>TT540-0407</b>	19
6	1/4	1/2	5/16	-0408	<b>TT540-0408</b>	19
10	3/8	5/8	3/8	-0610	<b>TT540-0610</b>	20
10	3/8	3/4	1/2	-0612	<b>TT540-0612</b>	22
12	1/2	3/4	1/2	-0812	<b>TT540-0812</b>	22
12	1/2	7/8	5/8	-0814	<b>TT540-0814</b>	26
16	5/8	7/8	5/8	-1014	<b>TT540-1014</b>	25
19	3/4	7/8	5/8	-1214	<b>TT540-1214</b>	25
19	3/4	1.1/16	3/4	-1217	<b>TT540-1217</b>	26

**NOTE:** Hose Compatibility for the **TT000** series can be found on page 241.

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# COUPLINGS

## TG000 ONE-PIECE CRIMP COUPLINGS

### HOSE COMPATIBILITY FOR TG000 SERIES

For RYCO Hose Series TPGL.

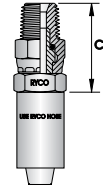
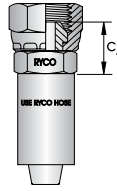
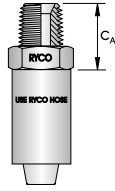
#### BSP

##### TG010

##### TG020

##### TG320

60° SEAT



HOSE SIZE				BSPT MALE	BSPF FEMALE	BSPT MALE SWIVEL			
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
4	1/8	1/8	1/8	TG010-0202	24	TG020-0202	23	TG320-0202	25

**NOTE:** This "Live Swivel" TG320 Series Insert is for Maximum Working Pressure: 420 bar (6100 psi): -02 Thread Size. Its swivel capability is to allow easy installation and orientation and avoid twisting of hose. It is not designed for continuous rotation or continuous movement.

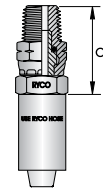
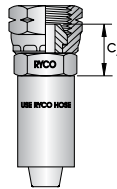
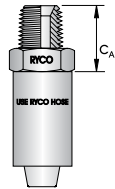
#### NPT

##### TG090

##### TG020N

##### TG320N

60° SEAT



HOSE SIZE				NPT MALE	NPSM FEMALE	NPT MALE SWIVEL			
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
4	1/8	1/8	1/8	TG090-0202	24	TG020N-0202	23	TG320N-0202	25

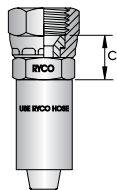
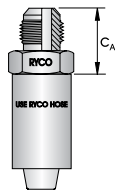
**NOTE:** This "Live Swivel" TG320N Series Insert is for Maximum Working Pressure: 420 bar (6100 psi): -02 Thread Size. Its swivel capability is to allow easy installation and orientation and avoid twisting of hose. It is not designed for continuous rotation or continuous movement.

#### JIC

##### TG030

##### TG040

37° FLARE



HOSE SIZE				JIC MALE	JIC FEMALE		
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
4	1/8	7/16	1/4	TG030-0207	29	TG040-0207	15

## 69000N (6900N) SERIES BITELOK INTERLOK TWO-PIECE CRIMP COUPLINGS

### HOSE COMPATIBILITY FOR 69000N SERIES

#### INTERNAL AND EXTERNAL SKIVE

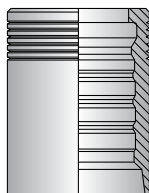
For RYCO Hose H6000 sizes -12 to -32.  
Part No. is for Inserts only. Add prefix "6" to Part No. shown to include **69000N** Series Ferrule.  
**EXAMPLE:** Part No. 9010N-1212 is Insert only. To include Ferrule as well as Insert, order Part No. 69010N-1212.

#### NOTE:

All **9000N** Female Swivel Nut Couplings are shown as "Wire Nut" or "Slip Nut". Some sizes of BSPP, JIC and Metric are "Crimp Nut".  
See note on page 157.

### FERRULE

**69000N**  
(6900N)



HOSE SIZE		DASH SIZE	FERRULE
DN	inch		PART NO
19	3/4	-12	<b>69000N-12</b>
25	1	-16	<b>69000N-16</b>
31	1.1/4	-20	<b>69000N-20</b>
38	1.1/2	-24	<b>69000N-24</b>
51	2	-32	<b>69000N-32</b>

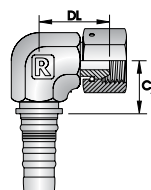
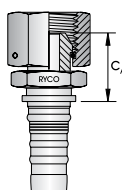
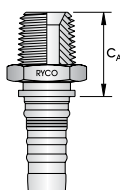
### BSP

**9010N**  
(901N)

**9020N**  
(902N)

**9050N**  
(905N)

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE	BSP FEMALE	BSP FEMALE 90° ELBOW		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	<b>9010N-1212</b>	43	<b>9020N-1212</b>	27	
25	1	1	-1616	<b>9010N-1616</b>	50	<b>9020NH-1616</b>	37	<b>9050N-1616</b> 40 32
31	1.1/4	1.1/4	-2020	<b>9010N-2020</b>	54	<b>9020N-2020</b>	41	
38	1.1/2	1.1/2	-2424	<b>9010N-2424</b>	61	<b>9020N-2424</b>	44	
51	2	2	-3232	<b>9010N-3232</b>	64	<b>9020N-3232</b>	53	

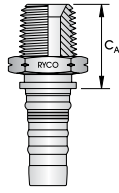
**NOTE:** 9020NH -1616 is Heavy Duty.

# COUPLINGS

## 69000N (6900N) SERIES BITELOK INTERLOK TWO-PIECE CRIMP COUPLINGS

### NPT

**9090N**  
(909N)

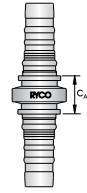


60° SEAT

HOSE SIZE		THRD SIZE	DASH SIZE	NPT MALE	
DN	inch	inch		PART NO	C <sub>A</sub>
19	3/4	3/4	-1212	<b>9090N-1212</b>	47
25	1	1	-1616	<b>9090N-1616</b>	50
31	1.1/4	1.1/4	-2020	<b>9090N-2020</b>	55
38	1.1/2	1.1/2	-2424	<b>9090N-2424</b>	62
51	2	2	-3232	<b>9090N-3232</b>	48

### JOINER

**9900N**  
(990N)



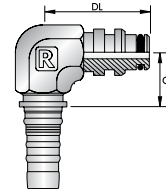
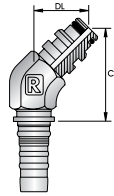
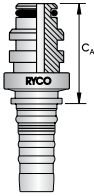
HOSE SIZE		DASH SIZE	JOINER	
DN	inch		PART NO	C <sub>A</sub>
51	2	-3232	<b>9090N-3232</b>	41

### CROCBITE

**9880N**

**9881N**

**9882N**



CROCBITE  
HIGH PRESSURE

HOSE SIZE		MWP	DASH SIZE	CROCBITE MALE		CROCBITE MALE 45° ELBOW			CROCBITE MALE 90° ELBOW		
DN	inch	bar		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	420	-1220	<b>9880N-1220</b>	47						
25	1	420	-1625	<b>9880N-1625</b>	66						
31	1.1/4	420	-2032	<b>9880N-2032</b>	70	<b>9881N-2032</b>	79	50	<b>9882N-2032</b>	54	94
38	1.1/2	420	-2440	<b>9880N-2440</b>	73	<b>9881N-2440</b>	86	53	<b>9882N-2440</b>	59	101
51	2	420	-3250	<b>9880N-3250</b>	102	<b>9881N-3250</b>	114	73	<b>9882N-3250</b>	74	135

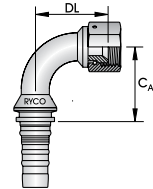
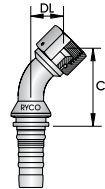
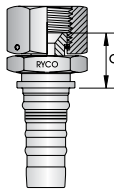
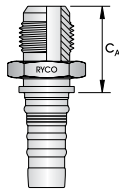
### JIC

**9030N**  
(903N)

**9040N**  
(904N)

**9250N**  
(925N)

**9240N**  
(924N)



37° FLARE

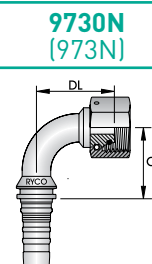
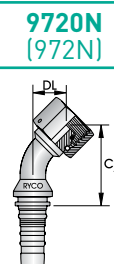
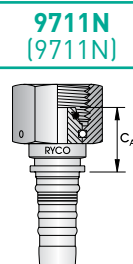
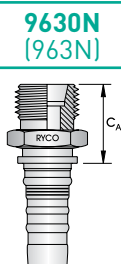
HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	JIC MALE		JIC FEMALE		JIC FEMALE 45° TUBE BEND		JIC FEMALE 90° TUBE BEND			
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	1.1/16	3/4	-1217	<b>9030N-1217</b>	46	<b>9040N-1217</b>	28	<b>9250N-1217</b>	67	22	<b>9240N-1217</b>	57	57
25	1	1.5/16	1	-1621	<b>9030N-1621</b>	48	<b>9040N-1621</b>	40	<b>9250N-1621</b>	78	30	<b>9240N-1621</b>	69	72
31	1.1/4	1.5/8	1.1/4	-2026	<b>9030N-2026</b>	58	<b>9040N-2026</b>	40	<b>9250N-2026</b>	96	39	<b>9240N-2026</b>	88	81
38	1.1/2	1.7/8	1.1/2	-2430	<b>9030N-2430</b>	63	<b>9040N-2430</b>	43	<b>9250N-2430</b>	121	50	<b>9240N-2430</b>	104	106
51	2	2.1/2	2	-3240	<b>9030N-3240</b>	71	<b>9040N-3240</b>	65	<b>9250N-3240</b>	156	63	<b>9240N-3240</b>	141	132

**NOTE:** Hose Compatibility for the **69000N** series can be found on page 245.

## 69000N (6900N) SERIES BITELOK INTERLOK TWO-PIECE CRIMP COUPLINGS

### METRIC

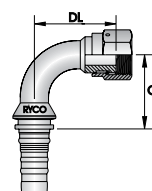
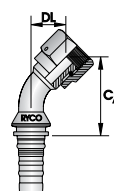
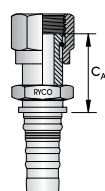
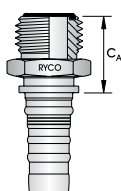
DKS/DKOS  
METRIC O RING (HEAVY)



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	DKS MALE 24° CONE	DKOS FEMALE 24° CONE	DKOS FEMALE 24° CONE 45° TUBE BEND	DKOS FEMALE 24° CONE 90° TUBE BEND							
DN	inch	mm	mm	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
19	3/4	36x2,0	25	-1236	<b>9630N-1236</b>	42	<b>9711N-1236</b>	44	<b>9720N-1236</b>	89	36	<b>9730N-1236</b>	57	68
25	1	42x2,0	30	-1642	<b>9630N-1642</b>	47	<b>9711N-1642</b>	38	<b>9720N-1642</b>	88	37	<b>9730N-1642</b>	70	77
31	1.1/4	52x2,0	38	-2052	<b>9630N-2052</b>	52	<b>9711N-2052</b>	41	<b>9720N-2052</b>	129	48	<b>9730N-2052</b>	91	89

### ORFS

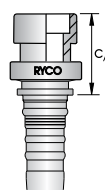
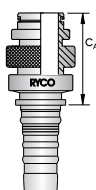
O RING  
FACE SEAL



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	ORFS MALE	ORFS FEMALE	ORFS FEMALE 45° TUBE BEND	ORFS FEMALE 90° TUBE BEND							
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
25	1	1.7/16	1	-1623	<b>9840N-1623</b>	42	<b>9800N-1623</b>	55	<b>9810N-1623</b>	87	34	<b>9820N-1623</b>	71	71
31	1.1/4	1.11/16	1.1/4	-2027	<b>9840N-2027</b>	49	<b>9800N-2027</b>	61	<b>9810N-2027</b>	108	45	<b>9820N-2027</b>	88	90

### RKVP

RKVP  
HIGH PRESSURE



HOSE SIZE	RKVP SIZE	MAX WP	DASH SIZE	RKVP MALE	RKVP FEMALE			
DN	inch	mm	bar	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	
19	3/4	20	420	-1220	<b>9896N-1220</b>	57	<b>9899N-1220</b>	40
25	1	25	420	-1625	<b>9896N-1625</b>	61	<b>9899N-1625</b>	47
31	1.1/4	32	420	-2032	<b>9896N-2032</b>	75	<b>9899N-2032</b>	55
38	1.1/2	40	420	-2440	<b>9896N-2440</b>	89	<b>9899N-2440</b>	61
51	2	50	420	-3250	<b>9896N-3250</b>	90	<b>9899N-3250</b>	67

**NOTE:** Hose Compatibility for the 69000N series can be found on page 245.

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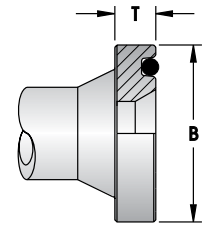
TECHNICAL

# COUPLINGS

## 69000N (6900N) SERIES BITELOK INTERLOK TWO-PIECE CRIMP COUPLINGS

### DIMENSIONS FOR SAE CODE 61 AND CODE 62 FLANGES, AND RYCO CODE 62C FLANGES

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495	79,4	3.13	14,20	0.559
2.1/2	84,1	3.31	9,53	0.375								
3	101,6	4.00	9,53	0.375								



**NOTE:** \*5/8 is used by Komatsu.

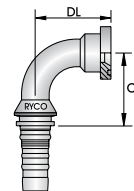
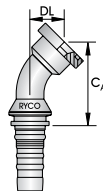
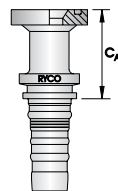
RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.  
RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

### SAE FLANGE

**9130N**  
(913N)

**9150N**  
(915N)

**9170N**  
(917N)



**RYCO**  
**CODE 61**  
**CLAMPS - SEE PAGES 345 & 346**  
**O RING NOT SUPPLIED**

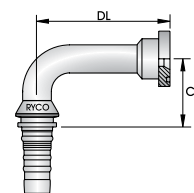
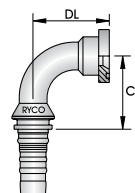
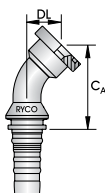
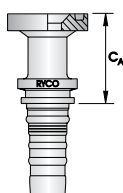
HOSE SIZE	NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE		CODE 61 FLANGE 45° TUBE BEND		CODE 61 FLANGE 90° TUBE BEND				
			PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL		
19	3/4	3/4	-1212	<b>9130N-1212</b>	46	<b>9150N-1212</b>	69	26	<b>9170N-1212</b>	59	54
25	1	1	-1616	<b>9130N-1616</b>	52	<b>9150N-1616</b>	82	30	<b>9170N-1616</b>	69	68
31	1.1/4	1.1/4	-2020	<b>9130N-2020</b>	59	<b>9150N-2020</b>	101	36	<b>9170N-2020</b>	87	77
38	1.1/2	1.1/2	-2424	<b>9130N-2424</b>	86	<b>9150N-2424</b>	116	42	<b>9170N-2424</b>	105	81

**NOTE:** Hose Compatibility for the **69000N** series can be found on page 245.

## 69000N (6900N) SERIES BITELOK INTERLOK TWO-PIECE CRIMP COUPLINGS

### SAE FLANGE

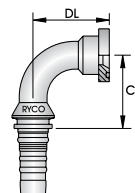
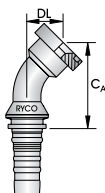
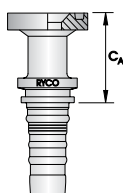
RYCO  
CODE 62  
CLAMPS - SEE PAGES 345 & 346  
O RING NOT SUPPLIED



HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE	CODE 62 FLANGE 45° TUBE BEND	CODE 62 FLANGE 90° TUBE BEND	CODE 62 FLANGE 90° LONG TUBE BEND							
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	<b>9330N-1212</b>	53	<b>9350N-1212</b>	70	28	<b>9370N-1212</b>	59	56			
25	1	1	-1616	<b>9330N-1616</b>	57	<b>9350N-1616</b>	83	31	<b>9370N-1616</b>	69	70			
31	1.1/4	1	-2016						<b>9370N-2016</b>	78	70			
31	1.1/4	1.1/4	-2020	<b>9330N-2020</b>	70	<b>9350N-2020</b>	103	38	<b>9370N-2020</b>	89	80	<b>9371N-2020</b>	89	150
31	1.1/4	1.1/2	-2024	<b>9330N-2024</b>	98	<b>9350N-2024</b>	107	41	<b>9370N-2024</b>	88	86	<b>9371N-2024</b>	88	156
38	1.1/2	1.1/2	-2424	<b>9330N-2424</b>	102	<b>9350N-2424</b>	119	45	<b>9370N-2424</b>	105	98	<b>9371N-2424</b>	105	174
38	1.1/2	2	-2432	<b>9330N-2432</b>	112	<b>9350N-2432</b>	124	50	<b>9370N-2432</b>	104	104			
51	2	2	-3232	<b>9330N-3232</b>	122	<b>9350N-3232</b>	157	60	<b>9370N-3232</b>	165	131			

### SPECIAL FLANGE

RYCO  
CODE 62C  
O RING NOT SUPPLIED



HOSE SIZE		THRD SIZE	DASH SIZE	RYCO CODE 62C FLANGE	RYCO CODE 62C FLANGE 45° TUBE BEND	RYCO CODE 62C FLANGE 90° TUBE BEND					
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
38	1.1/2	1.1/2	-2424	<b>9333N-2424</b>	89	<b>9353N-2424</b>	120	46	<b>9373N-2424</b>	104	106

**NOTE:** These 9000N (900CN) fittings have similar end styles to Caterpillar® XT-6 range of Flanged Hose Couplings. Cat™ Caterpillar®, XT-6™ Caterpillar®.  
For SAE Code 61/62 and RYCO Code 62C Flange dimensions, see page 237.

**NOTE:** Hose Compatibility for the 69000N series can be found on page 245.

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# COUPLINGS

## 69000N (6900N) SERIES BITELOK INTERLOK TWO-PIECE CRIMP COUPLINGS

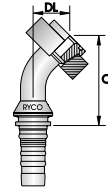
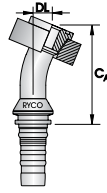
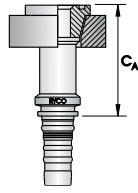
### SPECIAL FLANGE

9335N

9445N

9355N

SPECIAL FLANGE  
RYCO CODE 62K  
O RING NOT SUPPLIED



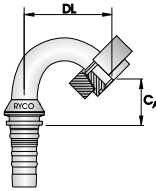
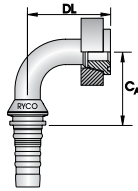
HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62K FLANGE	RYCO CODE 62K FLANGE 22.5° TUBE BEND	RYCO CODE 62K FLANGE 45° TUBE BEND
DN	inch	inch		PART NO	C <sub>A</sub>	DL
25	1	1	-1616	<b>9335N-1616</b>		<b>9355N-1616</b>
25	1	1.1/4	-1620	<b>9335N-1620</b>		
31	1.1/4	1.1/4	-2020	<b>9335N-2020</b>	75	<b>9355N-2020</b> 150 68
38	1.1/2	1.1/2	-2424	<b>9335N-2424</b>	96	<b>9355N-2424</b> 167 82
51	2	2	-3232	<b>9335N-3232</b>	111	<b>9445N-3232</b> 231 42 <b>9355N-3232</b> 208 93

### SPECIAL FLANGE

9375N

9100N

SPECIAL FLANGE  
RYCO CODE 62K  
O RING NOT SUPPLIED



HOSE SIZE		THRD SIZE	DASH SIZE	RYCO CODE 62K FLANGE 90° TUBE BEND	RYCO CODE 62K FLANGE 135° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	
25	1	1	-1616	<b>9375N-1616</b>	93	94	
31	1.1/4	1.1/4	-2020	<b>9375N-2020</b>	130	123	
38	1.1/2	1.1/2	-2424	<b>9375N-2424</b>	141	149	
51	2	2	-3232	<b>9375N-3232</b>	174	185	<b>9100N-449</b> 109 242

### STAPLELOK & SUPERLOK

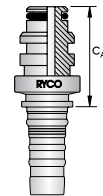
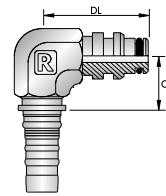
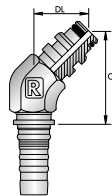
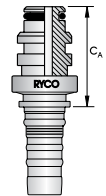
9870N

9871N

9872N

9876N

STAPLE & SUPERSTAPLE  
O RING & BACK UP RING  
SUPPLIED



HOSE SIZE		STAPLE SIZE	DASH SIZE	STAPLELOK MALE	STAPLELOK MALE 45° ELBOW	STAPLELOK MALE 90° ELBOW	SUPERLOK MALE	
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>
19	3/4	20	-1220	<b>9870N-1220</b>	42	<b>9871N-1220</b> 59 33	<b>9872N-1220</b> 37 56	<b>9876N-1220</b> 51
38	1.1/2	40	-2440				<b>9876N-2440</b> 80	
51	2	50	-3250				<b>9876N-3250</b> 84	

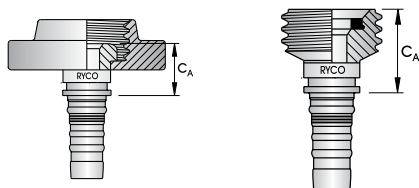
**NOTE:** Hose Compatibility for the **69000N** series can be found on page 245.



# 69000N (6900N) SERIES BITELOK INTERLOK TWO-PIECE CRIMP COUPLINGS

## HAMMER UNION 91502N 91501N

FIGURE 1502  
STANDARD SERVICE



HOSE SIZE		THRD SIZE	DASH SIZE	FIG 1502 MALE (WITH NUT)		FIG 1502 FEMALE (WITH SEAL)	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
38	1.1/2	2	-2432	<b>91502N-2432</b>	110	<b>91501N-2432</b>	91
51	2	2	-3232	<b>91502N-3232</b>	111	<b>91501N-3232</b>	92

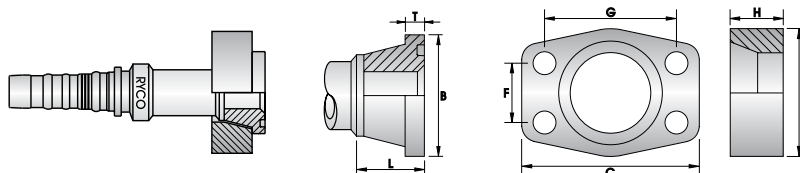
**NOTE:** Nut must be installed onto hose before coupling is installed and crimped. Replacement parts **RF1502N-32** nut and **RF1502W-32** Nitrile seal are available.

## 69000N SERIES COUPLING WITH RYCO CODE 62K SPECIAL FLANGE

**SKIVE**  
For RYCO Hose H6000 sizes -16 to -32.  
Part No. is for Complete Coupling including the **9000N** Insert, **69000N** Ferrule and **S142H** Flange Clamp Block.

**NOTE:**  
RYCO **69000N** Series Hose Couplings with RYCO Code 62K are used on some heavy mining equipment. They utilize an interlock hose tail and ferrule, with a RYCO Code 62K Flange (with the same Outside Diameter and O Ring groove dimensions as SAE Code 62, but a different shape at the rear of the flange). RYCO Code 62K Flanges have a long taper at the back of the Flange Head for the Flange Clamp. The S142H Flange Clamp is a one-piece heavy block style that clamps the long taper.

### DIMENSIONS FOR RYCO CODE 62K SPECIAL FLANGES



NOM. FLANGE SIZE	DASH SIZE	B		T		L		G		F		C		H		D		BOLT HOLE DIA.	
inch		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
1	-16	49,3	1.94	9,1	0.39	30,0	1.18	57,2	2.25	27,8	1.06	81,0	3.19	26,9	1.06	70,3	2.77	13,0	0.51
1.1/4	-20	53,8	2.12	10,0	0.39	34,3	1.35	66,7	2.63	31,8	1.25	95,9	3.78	32,0	1.26	98,5	3.88	15,2	0.60
1.1/2	-24	68,4	2.69	13,0	0.51	44,7	1.76	79,4	3.13	36,5	1.44	112,5	4.43	39,1	1.54	94,4	3.72	16,9	0.67
2	-32	79,2	3.12	13,0	0.51	55,0	2.17	96,8	3.81	44,5	1.75	133,5	5.23	50,4	1.98	114,3	4.50	20,7	0.81

**NOTE:** Hose Compatibility for the **69000N** series can be found on page 245.

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# COUPLINGS

## 1G000 SERIES AIR CONDITIONING CRIMP COUPLINGS

### HOSE COMPATIBILITY FOR 1G000 SERIES

#### NON-SKIVE

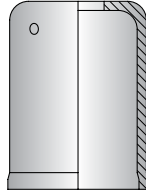
For RYCO Hose Series FB2 all sizes.

Part No. is for Inserts only. Add prefix "1" to Part No. shown to include 1G000 Series Ferrule.

**EXAMPLE:** Part No. G540-0610 is Insert only. To include 1G000 Series Ferrule as well as Insert, order Part No. 1G540-0610.

#### FERRULE

**1G000**  
(1G00)



HOSE SIZE		DASH SIZE	FERRULE
DN	inch		PART NO
8	5/16	-06	<b>1G000-06</b>
10	13/32	-08	<b>1G000-08</b>
12	1/2	-10	<b>1G000-10</b>

#### PILOT O RING

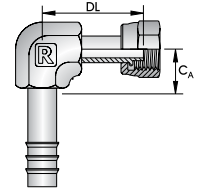
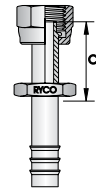
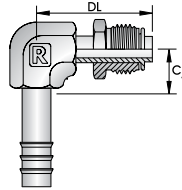
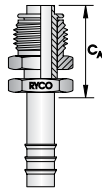
**GP010**  
(GP01)

**GP340**  
(GP34)

**GP020**  
(GP02)

**GP050**  
(GP05)

O RING NOT SUPPLIED  
USE GREEN HNBR  
O RING ONLY (RO-AC)  
SEE PAGE 356

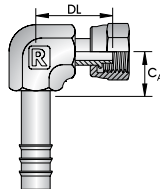


HOSE SIZE		THRD SIZE	DASH SIZE	PILOT O RING MALE	PILOT O RING MALE 90° ELBOW	PILOT O RING FEMALE	PILOT O RING FEMALE 90° ELBOW						
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
8	5/16	5/8	-0610	<b>GP010-0610</b>	39	<b>GP340-0610</b>	47	39	<b>GP020-0610</b>	39	<b>GP050-0610</b>	47	39
10	13/32	3/4	-0812	<b>GP010-0812</b>	42	<b>GP340-0812</b>	49	44	<b>GP020-0812</b>	42	<b>GP050-0812</b>	49	44
12	1/2	7/8	-1014	<b>GP010-1014</b>	44	<b>GP340-1014</b>	51	48	<b>GP020-1014</b>	44	<b>GP050-1014</b>	51	48

#### PILOT O RING

**GP240**  
(GP24)

O RING NOT SUPPLIED  
USE GREEN HNBR  
O RING ONLY (RO-AC)  
SEE PAGE 356

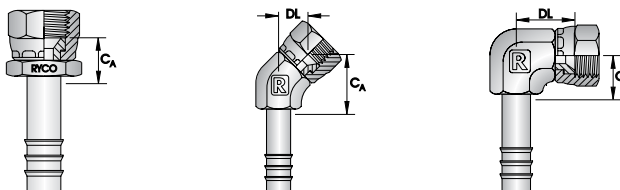


HOSE SIZE		THRD SIZE	DASH SIZE	PILOT O RING FEMALE 90° ELBOW SHORT		
DN	inch	inch		PART NO	C <sub>A</sub>	DL
8	5/16	5/8	-0610	<b>GP240-0610</b>	47	25
10	13/32	3/4	-0812	<b>GP240-0812</b>	49	25
12	1/2	7/8	-1014	<b>GP240-1014</b>	51	27

## 1G000 SERIES AIR CONDITIONING CRIMP COUPLINGS

<b>SAE</b>	<b>G540</b> (G54)	<b>G580</b> (G58)		<b>G570</b> (G57)
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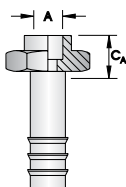
45° FLARE



HOSE SIZE		THRD SIZE	DASH SIZE	SAE FEMALE			SAE FEMALE 45° ELBOW			SAE FEMALE 90° ELBOW		
DN	inch	inch		PART NO	CA	PART NO	CA	DL	PART NO	CA	DL	
8	5/16	5/8	-0610	<b>G540-0610</b>	16	<b>G580-0610</b>	21	14	<b>G570-0610</b>	10	22	
10	13/32	3/4	-0812	<b>G540-0812</b>	17	<b>G580-0812</b>	25	15	<b>G570-0812</b>	12	24	
12	1/2	7/8	-1014	<b>G540-1014</b>	19	<b>G580-1014</b>	25	14	<b>G570-1014</b>	16	27	

<b>SALVAGE</b>	<b>G230</b> (G23)
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TUBE WELD



HOSE SIZE		A	DASH SIZE	SALVAGE (LIVESAVER)	
DN	inch	inch		PART NO	CA
8	5/16	3/8	-0606	<b>G230-0606</b>	10
10	13/32	1/2	-0808	<b>G230-0808</b>	10
12	1/2	5/8	-1010	<b>G230-1010</b>	10

**NOTE:** Hose Compatibility for the **1G000** series can be found on page 252.

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# COUPLINGS

## 8000 (800) SERIES PUSH-ON COUPLINGS

### HOSE COMPATIBILITY FOR 8000 SERIES

For RYCO Hose Series PL1, PL1D and RQP6 all sizes.

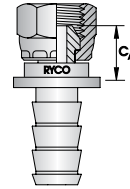
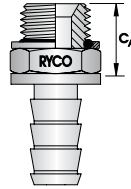
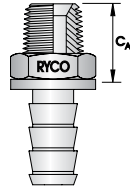
#### BSP

**8010**  
(801)

**8111**  
(811)

**8020**  
(802)

60° SEAT



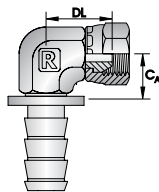
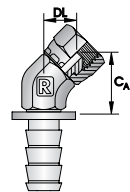
HOSE SIZE		THREAD SIZE	DASH SIZE	BSPT MALE		BSPP O RING MALE		BSPP FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	1/8	-0402	<b>8010-0402</b>	18			<b>8020-0402</b>	15
6	1/4	1/4	-0404	<b>8010-0404</b>	22			<b>8020-0404</b>	15
6	1/4	3/8	-0406	<b>8010-0406</b>	22			<b>8020-0406</b>	17
8	5/16	1/8	-0502	<b>8010-0502</b>	18			<b>8020-0502</b>	15
8	5/16	1/4	-0504	<b>8010-0504</b>	22			<b>8020-0504</b>	16
8	5/16	3/8	-0506	<b>8010-0506</b>	22				
10	3/8	1/4	-0604	<b>8010-0604</b>	22				
10	3/8	3/8	-0606	<b>8010-0606</b>	22			<b>8020-0606</b>	17
10	3/8	1/2	-0608	<b>8010-0608</b>	29			<b>8020-0608</b>	19
12	1/2	3/8	-0806	<b>8010-0806</b>	22				
12	1/2	1/2	-0808	<b>8010-0808</b>	29			<b>8020-0808</b>	19
12	1/2	3/4	-0812	<b>8010-0812</b>	29				
16	5/8	1/2	-1008	<b>8010-1008</b>	29	<b>8111-1008</b>	24	<b>8020-1008</b>	19
19	3/4	1/2	-1208	<b>8010-1208</b>	29				
19	3/4	3/4	-1212	<b>8010-1212</b>	29			<b>8020-1212</b>	19

#### BSP

**8060**  
(806)

**8050**  
(805)

60° SEAT



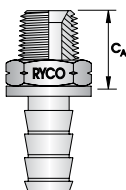
HOSE SIZE		THRD SIZE	DASH SIZE	BSPP FEMALE 45° ELBOW			BSPP FEMALE 90° ELBOW		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404				<b>8050-0404</b>	13	24
8	5/16	1/4	-0504				<b>8050-0504</b>	13	24
10	3/8	3/8	-0606				<b>8050-0606</b>	17	29
12	1/2	1/2	-0808				<b>8050-0808</b>	19	32
16	5/8	1/2	-1008				<b>8050-1008</b>	21	36
19	3/4	3/4	-1212	<b>8060-1212</b>	30	27	<b>8050-1212</b>	22	36

## 8000 (800) SERIES PUSH-ON COUPLINGS

### NPT

**8090**  
(809)

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	NPT MALE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/8	-0402	<b>8090-0402</b>	18
6	1/4	1/4	-0404	<b>8090-0404</b>	22
8	5/16	1/8	-0502	<b>8090-0502</b>	18
8	5/16	1/4	-0504	<b>8090-0504</b>	22
10	3/8	1/4	-0604	<b>8090-0604</b>	22
10	3/8	3/8	-0606	<b>8090-0606</b>	22
12	1/2	3/8	-0806	<b>8090-0806</b>	22
12	1/2	1/2	-0808	<b>8090-0808</b>	29
19	3/4	3/4	-1212	<b>8090-1212</b>	30

### JIC

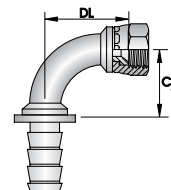
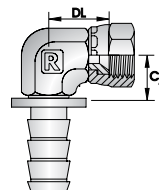
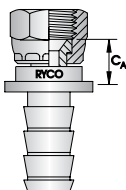
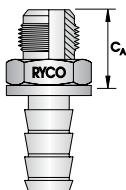
**8030**  
(803)

**8040**  
(804)

**8070**  
(807)

**8240**  
(824)

37° FLARE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	JIC MALE		JIC FEMALE		JIC FEMALE 90° ELBOW			JIC FEMALE 90° TUBE BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	<b>8030-0407</b>	22	<b>8040-0407</b>	13	<b>8070-0407</b>	13	18			
6	1/4	1/2	5/16	-0408	<b>8030-0408</b>	22	<b>8040-0408</b>	13	<b>8070-0408</b>	13	18			
6	1/4	9/16	3/8	-0409			<b>8040-0409</b>	14						
8	5/16	1/2	5/16	-0508	<b>8030-0508</b>	22	<b>8040-0508</b>	13						
8	5/16	9/16	3/8	-0509			<b>8040-0509</b>	14						
10	3/8	9/16	3/8	-0609	<b>8030-0609</b>	22	<b>8040-0609</b>	14	<b>8070-0609</b>	17	23	<b>8240-0609</b>	28	38
10	3/8	3/4	1/2	-0612	<b>8030-0612</b>	24	<b>8040-0612</b>	15	<b>8070-0612</b>	17	24			
12	1/2	3/4	1/2	-0812	<b>8030-0812</b>	24	<b>8040-0812</b>	15	<b>8070-0812</b>	19	27	<b>8240-0812</b>	37	41
12	1/2	7/8	5/8	-0814	<b>8030-0814</b>	28	<b>8040-0814</b>	16	<b>8070-0814</b>	19	28			
16	5/8	7/8	5/8	-1014	<b>8030-1014</b>	28	<b>8040-1014</b>	16				<b>8240-1014</b>	42	48
19	3/4	1.1/16	3/4	-1217	<b>8030-1217</b>	31	<b>8040-1217</b>	17	<b>8070-1217</b>	22	30			

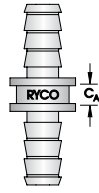
**NOTE:** Hose Compatibility for the **8000** series can be found on page 254.

# COUPLINGS

## 8000 (800) SERIES PUSH-ON COUPLINGS

### JOINER

**8900**  
(890)



HOSE SIZE		THRD SIZE	DASH SIZE	SAE FEMALE 90° ELBOW	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>8900-0404</b>	9
8	5/16	5/16	-0505	<b>8900-0505</b>	9
10	3/8	3/8	-0606	<b>8900-0606</b>	10
12	1/2	1/2	-0808	<b>8900-0808</b>	10
16	5/8	5/8	-1010	<b>8900-1010</b>	10
19	3/4	3/4	-1212	<b>8900-1212</b>	10

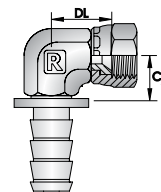
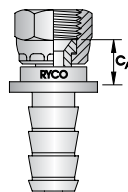
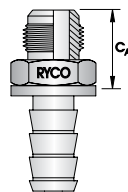
### SAE

**8530**  
(853)

**8540**  
(854)

**8570**  
(857)

#### 45° FLARE

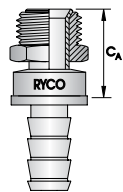


HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	SAE MALE		SAE FEMALE		SAE FEMALE 90° ELBOW		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
8	5/16	5/8	3/8	-0510	<b>8530-0510</b>	23	<b>8540-0510</b>	14			
10	3/8	5/8	3/8	-0610	<b>8530-0610</b>	23	<b>8540-0610</b>	14	<b>8570-0610</b>	17	23
16	5/8	1.1/16	3/4	-1017			<b>8540-1017</b>	16			
19	3/4	1.1/16	3/4	-1217	<b>8530-1217</b>	35	<b>8540-1217</b>	17			

### SAE

**8740**  
(874)

#### INVERTED MALE FLARE BRASS

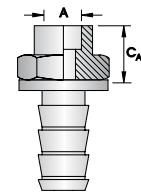


HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE	
DN	inch	inch	inch		PART NO	C <sub>A</sub>
6	1/4	7/16	1/4	-0407	<b>8740-0407</b>	23
6	1/4	1/2	5/16	-0408	<b>8740-0408</b>	25
8	5/16	1/2	5/16	-0508	<b>8740-0508</b>	25
8	5/16	5/8	3/8	-0510	<b>8740-0510</b>	28
10	3/8	5/8	3/8	-0610	<b>8740-0610</b>	28

### SALVAGE

**8230**  
(823)

#### TUBE WELD



HOSE SIZE		A	DASH SIZE	SALVAGE (LIFESAVER)	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	3/8	-0406	<b>8230-0406</b>	14
10	3/8	1/4	-0604	<b>8230-0604</b>	14
10	3/8	3/8	-0606	<b>8230-0606</b>	14
12	1/2	1/2	-0808	<b>8230-0808</b>	14
12	1/2	5/8	-0810	<b>8230-0810</b>	16
16	5/8	5/8	-1010	<b>8230-1010</b>	16
19	3/4	3/4	-1212	<b>8230-1212</b>	16

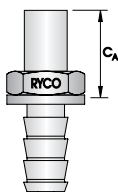
**NOTE:** Hose Compatibility for the **8000** series can be found on page 254.

## 8000 (800) SERIES PUSH-ON COUPLINGS

### STANDPIPE

**8180**  
(818)

IMPERIAL

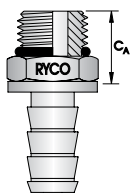


HOSE SIZE		TUBE SIZE	DASH SIZE	IMPERIAL STANDPIPE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>8180-0404</b>	30
6	1/4	5/16	-0405	<b>8180-0405</b>	30
6	1/4	3/8	-0406	<b>8180-0406</b>	31
10	3/8	3/8	-0606	<b>8180-0606</b>	31
10	3/8	1/2	-0608	<b>8180-0608</b>	31
12	1/2	1/2	-0808	<b>8180-0808</b>	31
19	3/4	3/4	-1212	<b>8180-1212</b>	31

### UNO (O RING BOSS)

**8200**  
(820)

O RING SUPPLIED

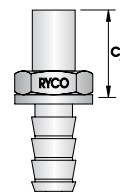


HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	UN O RING MALE (O RING BOSS)		
DN	inch	inch	inch	PART NO	C <sub>A</sub>	
12	1/2	3/4	1/2	-0812	<b>8200-0812</b>	20

### STANDPIPE

**8640**  
(864)

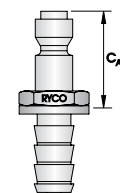
METRIC  
MALE FLARE



HOSE SIZE		TUBE SIZE	DASH SIZE	METRIC STANDPIPE	
DN	inch	mm		PART NO	C <sub>A</sub>
6	1/4	6	-0406	<b>8640-0406</b>	30
6	1/4	8	-0408	<b>8640-0408</b>	30
12	1/2	15	-0815	<b>8640-0815</b>	33
19	3/4	20	-1220	<b>8640-1220</b>	47
19	3/4	22	-1222	<b>8640-1222</b>	39

### 200 COUPLING NIPPLE

**8100**  
(810)



HOSE SIZE		DASH SIZE	BARB NIPPLES FOR RYCO 200 AIR COUPLING	
DN	inch		PART NO	C <sub>A</sub>
6	1/4	-0404	<b>8100-0404</b>	27
10	3/8	-0604	<b>8100-0604</b>	27

INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

ACCESSORIES

FILTERS

TECHNICAL

**NOTE:** Hose Compatibility for the **8000** series can be found on page 254.

# COUPLINGS

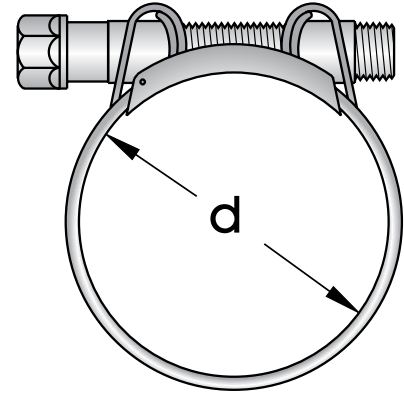
## 33000 (3300) SERIES SUCTION AND RETURN COUPLINGS

### HOSE COMPATIBILITY FOR 33000 SERIES

For RYCO Hose Series SR and SRF all sizes.

**33000** Series require a suitable clamp around the outside of the hose.

HOSE DASH SIZE	CLAMP PART NO	CLAMP ADJUSTMENT RANGE	RECOMMENDED TIGHTENING TORQUE	
			Nm	ft. lbs
-12	<b>RSC-3134</b>	d mm 31 to 34	20	15
-16	<b>RSC-3740*</b>	37 to 40	20	15
	<b>RSC-4043*</b>	40 to 43	20	15
-20	<b>RSC-4347*</b>	43 to 47	20	15
	<b>RSC-4751*</b>	47 to 51	20	15
-24	<b>RSC-5155</b>	51 to 55	20	15
-32	<b>RSC-6368</b>	63 to 68	25	18
-40	<b>RSC-7379</b>	73 to 79	25	18
-48	<b>RSC-8591</b>	85 to 91	25	18



\* Due to the manufacturing tolerance on outside diameter of the hose and the range of adjustment of the clamp, it is necessary to confirm correct clamp at time of assembly.

### BSP

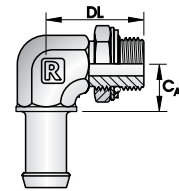
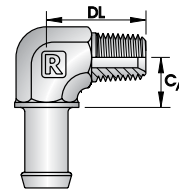
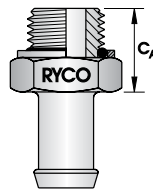
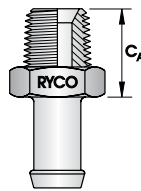
**33010**  
(3301)

**33111**  
(3311)

**33400**  
(3340)

**33410**  
(3341)

60° SEAT  
FLAT SEAT



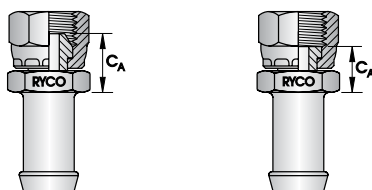
HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE	BSPP O RING MALE	BSPT MALE 90° ELBOW	BSPP O RING MALE 90° ELBOW						
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/8	-1206	<b>33010-1206</b>	23								
19	3/4	1/2	-1208	<b>33010-1208</b>	28			<b>33400-1208</b>	20	37			
19	3/4	3/4	-1212	<b>33010-1212</b>	28			<b>33400-1212</b>	23	40			
19	3/4	1	-1216	<b>33010-1216</b>	36								
25	1	1/2	-1608					<b>33400-1608</b>	23	42	<b>33410-1608</b>	23	46
25	1	3/4	-1612	<b>33010-1612</b>	29	<b>33111-1612</b>	27	<b>33400-1612</b>	23	40	<b>33410-1612</b>	23	47
25	1	1	-1616	<b>33010-1616</b>	36	<b>33111-1616</b>	30	<b>33400-1616</b>	29	50			
25	1	1.1/4	-1620	<b>33010-1620</b>	38			<b>33400-1620</b>	35	60			
31	1.1/4	3/4	-2012	<b>33010-2012</b>	31	<b>33111-2012</b>	27	<b>33400-2012</b>	30	45	<b>33410-2012</b>	28	50
31	1.1/4	1	-2016	<b>33010-2016</b>	36	<b>33111-2016</b>	30	<b>33400-2016</b>	30	50	<b>33410-2016</b>	28	52
31	1.1/4	1.1/4	-2020	<b>33010-2020</b>	38	<b>33111-2020</b>	32	<b>33400-2020</b>	34	60	<b>33410-2020</b>	34	57
31	1.1/4	1.1/2	-2024	<b>33010-2024</b>	39			<b>33400-2024</b>	39	67			
38	1.1/2	1	-2416	<b>33010-2416</b>	36	<b>33111-2416</b>	30	<b>33400-2416</b>	36	60	<b>33410-2416</b>	34	57
38	1.1/2	1.1/4	-2420	<b>33010-2420</b>	38	<b>33111-2420</b>	32	<b>33400-2420</b>	36	60	<b>33410-2420</b>	34	57
38	1.1/2	1.1/2	-2424	<b>33010-2424</b>	39			<b>33400-2424</b>	39	67			
51	2	1	-3216	<b>33010-3216</b>	39								
51	2	1.1/4	-3220					<b>33400-3220</b>	51	75			
51	2	1.1/2	-3224	<b>33010-3224</b>	40			<b>33400-3224</b>	51	75			
51	2	2	-3232	<b>33010-3232</b>	44								



## 33000 (3300) SERIES SUCTION AND RETURN COUPLINGS

### BSP 33020 (3302) 33024 (3302F)

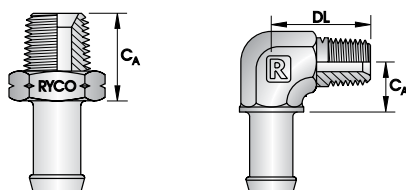
60° SEAT  
FLAT SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPP FEMALE		BSPP FEMALE FLAT FACE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
19	3/4	3/4	-1212	<b>33020-1212</b>	24	<b>33024-1212</b>	19
25	1	1	-1616	<b>33020-1616</b>	27	<b>33024-1616</b>	23
31	1.1/4	1.1/4	-2020	<b>33020-2020</b>	26	<b>33024-2020</b>	23
38	1.1/2	1.1/2	-2424	<b>33020-2424</b>	29	<b>33024-2424</b>	27
51	2	2	-3232	<b>33020-3232</b>	41		

### NPT 33090 (3309) 33400N (3340N)

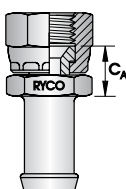
60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	NPT MALE		NPT MALE 90° ELBOW		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
19	3/4	1/2	-1208			<b>33400N-1208</b>	20	37
25	1	3/4	-1612	<b>33090-1612</b>	29			
25	1	1	-1616	<b>33090-1616</b>	36	<b>33400N-1616</b>	29	50
31	1.1/4	3/4	-2012	<b>33090-2012</b>	31			
31	1.1/4	1.1/4	-2020	<b>33090-2020</b>	38			
38	1.1/2	1.1/4	-2420	<b>33090-2420</b>	38			
38	1.1/2	1.1/2	-2424	<b>33090-2424</b>	39			

### JIC 33040 (3304)

37° FLARE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE	
DN	inch	inch	inch		PART NO	C <sub>A</sub>
25	1	1.1/16	3/4	-1617	<b>33040-1617</b>	22
31	1.1/4	1.5/8	1.1/4	-2026	<b>33040-2026</b>	26

**NOTE:** Hose Compatibility for the **33000** series can be found on page 258.

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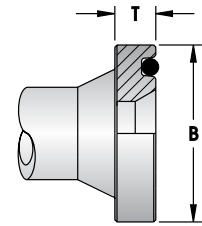
TECHNICAL

# COUPLINGS

## 33000 (3300) SERIES SUCTION AND RETURN COUPLINGS

### DIMENSIONS FOR SAE CODE 61 AND CODE 62 FLANGES, AND RYCO CODE 62C FLANGES

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C				
	B		T		B		T		B		T		
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305					
*5/8	34,0	1.34	6,73	0.265									
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559	
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559	
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559	
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559	
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495	79,4	3.13	14,20	0.559	
2.1/2	84,1	3.31	9,53	0.375									
3	101,6	4.00	9,53	0.375									



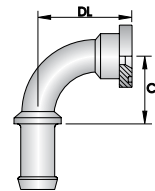
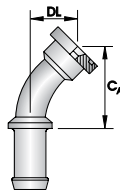
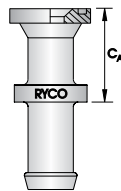
**NOTE:** \*5/8 is used by Komatsu.  
 RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.  
 RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

### SAE FLANGE

**33130**  
[3313]

**33150**  
[3315]

**33170**  
[3317]



**RYCO**  
**CODE 61**  
**CLAMPS - SEE PAGES 345 & 346**  
**O RING NOT SUPPLIED**

HOSE SIZE			NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND			CODE 61 FLANGE 90° TUBE BEND			
DN	inch	inch			PART NO	CA	PART NO	CA	DL	PART NO	CA	DL
25	1	1	-1616		<b>33130-1616</b>	50	<b>33150-1616</b>	73	36	<b>33170-1616</b>	81	44
25	1	1.1/4	-1620		<b>33130-1620</b>	50	<b>33150-1620</b>	73	36	<b>33170-1620</b>	81	44
31	1.1/4	1	-2016							<b>33170-2016</b>	69	80
31	1.1/4	1.1/4	-2020		<b>33130-2020</b>	50	<b>33150-2020</b>	81	39	<b>33170-2020</b>	69	80
31	1.1/4	1.1/2	-2024		<b>33130-2024</b>	50	<b>33150-2024</b>	86	40	<b>33170-2024</b>	69	80
38	1.1/2	1.1/4	-2420		<b>33130-2420</b>	49						
38	1.1/2	1.1/2	-2424		<b>33130-2424</b>	50	<b>33150-2424</b>	87	41	<b>33170-2424</b>	92	103
38	1.1/2	2	-2432		<b>33130-2432</b>	52	<b>33150-2432</b>	95	46	<b>33170-2432</b>	92	104
51	2	2	-3232		<b>33130-3232</b>	62	<b>33150-3232</b>	109	56	<b>33170-3232</b>	103	114
51	2	2.1/2	-3240		<b>33130-3240</b>	52	<b>33150-3240</b>	109	56	<b>33170-3240</b>	103	114
63	2.1/2	2	-4032		<b>33130-4032</b>		<b>33150-4032</b>			<b>33170-4032</b>		

**NOTE:** Hose Compatibility for the **33000** series can be found on page 258.

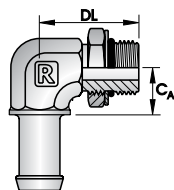
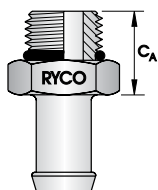
## 33000 (3300) SERIES SUCTION AND RETURN COUPLINGS

### UNO (O RING BOSS)

**33200**  
[3320]

**33420**  
[3342]

O RING SUPPLIED



HOSE SIZE					UN O RING MALE (O RING BOSS)		UN O RING MALE (O RING BOSS) 90° ELBOW		
DN	inch	inch	inch	DASH SIZE	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
19	3/4	7/8	5/8	-1214	<b>33200-1214</b>	21	<b>33420-1214</b>	25	46
19	3/4	1.1/16	3/4	-1217	<b>33200-1217</b>	25	<b>33420-1217</b>	29	52
19	3/4	1.5/16	1	-1221	<b>33200-1221</b>	27	<b>33420-1221</b>	29	52
25	1	1.1/16	3/4	-1617	<b>33200-1617</b>	25	<b>33420-1617</b>	29	52
25	1	1.5/16	1	-1621	<b>33200-1621</b>	27	<b>33420-1621</b>	29	52
31	1.1/4	7/8	5/8	-2014	<b>33200-2014</b>	24			
31	1.1/4	1.1/16	3/4	-2017	<b>33200-2017</b>	27	<b>33420-2017</b>	29	52
31	1.1/4	1.3/16	7/8	-2019	<b>33200-2019</b>	27	<b>33420-2019</b>	29	51
31	1.1/4	1.5/16	1	-2021	<b>33200-2021</b>	27	<b>33420-2021</b>	29	52
31	1.1/4	1.5/8	1.1/4	-2026	<b>33200-2026</b>	28	<b>33420-2026</b>	36	57
38	1.1/2	1.1/16	3/4	-2417	<b>33200-2417</b>	27			
38	1.1/2	1.5/16	1	-2421	<b>33200-2421</b>	27	<b>33420-2421</b>	36	57
38	1.1/2	1.5/8	1.1/4	-2426	<b>33200-2426</b>	28	<b>33420-2426</b>	36	57
38	1.1/2	1.7/8	1.1/2	-2430	<b>33200-2430</b>	30			
51	2	1.7/8	1.1/2	-3230	<b>33200-3230</b>	30			

**NOTE:** Hose Compatibility for the **33000** series can be found on page 258.

# COUPLINGS

## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

### HOSE COMPATIBILITY FOR V000 SERIES

#### FOR RYCO SURVIVOR RQP5 AND TRUCKER T5 HOSE SERIES

RYCO V000 Series Ferrules follow the dash size of **SURVIVOR RQP5** and **TRUCKER T5** series hose. **RQP5** and **T5** Series are SAE 100R5 specification hose, and, accordingly the dash size is the corresponding tube size. SAE 100R5 hose internal diameters (nominal bores), unlike SAE 100R1, R2, etc, are smaller than their dash sizes. For example, **T58** has nominal tube size of 1/2" and internal diameter of 13/32", whereas **T18** and **T28** have nominal bore size of 1/2" and internal diameter of 1/2". The reason for this difference is that T5 Series hoses are often used in applications where hose is connected to steel or copper tubing. The hose is sized so that its flow diameter is approximately the same as the flow diameter of the same nominal size tubing. Hence, the hose size relates to the nominal tube size.

**RYCO V000** Series Ferrules are designed to match with **RYCO 6000** Series Inserts.

**RYCO 6000** Series Inserts have the same nominal sizing as their corresponding **T1** and **T2** Series Hose. Therefore, V000 Series Ferrules and matching 6000 Series Inserts have different "dash" sizes. When matched together, V000 Series Couplings have the same dash size as the 6000 Series Inserts. See table below.

The chart below shows the relationship of Part Numbers for Ferrules, Inserts and Couplings for each size.

SURVIVOR RQP5	TRUCKER T5	HOSE (TUBE) DASH SIZE	HOSE ID INCH	V000 SERIES FERRULE	FERRULE DASH SIZE	6000 SERIES INSERTS	INSERT DASH SIZE	V000 SERIES COUPLINGS	COUPLING DASH SIZE
RQP54	T54	-04	3/16	V000-04	-04	6xxx-03	-03	Vxxx-03	-03
RQP55	T55	-05	1/4	V000-05	-05	6xxx-04	-04	Vxxx-04	-04
RQP56	T56	-06	5/16	V000-06	-06	6xxx-05	-05	Vxxx-05	-05
RQP58	T58	-08	13/32	V000-08	-08	6xxx-06	-06	Vxxx-06	-06
RQP510	T510	-10	1/2	V000-10	-10	6xxx-08	-08	Vxxx-08	-08
RQP512	T512	-12	5/8	V000-12	-12	6xxx-10	-10	Vxxx-10	-10
RQP516	T516	-16	7/8	V000-16	-16	6xxx-14	-14	Vxxx-14	-14
RQP520	T520	-20	1.1/8	V000-20	-20	6xxx-18	-18	Vxxx-18	-18
RQP524	T524	-24	1.3/8	V000-24	-24	6xxx-22	-22	Vxxx-22	-22
RQP532	T532	-32	1.13/16	V000-32	-32	6xxx-29	-29	Vxxx-29	-29

### ADDITIONAL COUPLING END STYLES

Pages 209 to 215 show the T4000 Series Coupling End Styles that are also used with **RQP5** and **T5** hose.

As **RYCO V000** Series Ferrules match with **RYCO 6000** Series Inserts it is possible to use any **RYCO 6000** Insert from -03 to -10 listed in the **6000** Series Field Attachable Inserts with the matching Series Ferrule.

Refer to RYCO for the availability of other **6000** Series Field Attachable Inserts.

### CUT-OFF ALLOWANCE (C<sub>A</sub>) DIMENSIONS FOR FIELD ATTACHABLES

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

The Cut-Off Allowance (C<sub>A</sub>) dimensions published in "V 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<sub>A</sub>) values for **6000** Series Inserts, published in the tables on pages 264 to 275 are for **6000** Series Inserts used with **V000** Series Ferrules. If using V000 Series Ferrules with other matched **6000** Series Inserts listed on pages 278 to 290, contact RYCO Hydraulics Technical Department for the correct Cut-Off Allowance (C<sub>A</sub>).

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 487.

For further information about Hose Assemblies and Cut-Off Allowances (C<sub>A</sub>), see pages 486 to 492 of the Technical Section.

## HOW TO ORDER

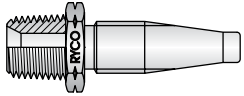
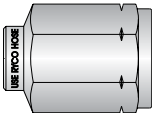
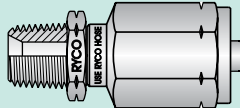
**EXAMPLE** To order 1/2" NPT male insert and ferrule for **T58** (13/32") hose.

(a) Individually Order ferrule **V000-08**.  
**V000 Series** ferrules are used on **T5** hose; see chart on page 262, or chart for Couplings Selection on **T5** page 108.  
 Ferrule Dash Size -08 is same as Dash Size of hose.

Order insert **6090-0608** (6000 Series).  
**T58** hose uses 6000-06 size inserts, see page 262.

(b) Complete Coupling Order **V090-0608**.  
 Simply replace the first character of the insert's part number with the first character of the ferrule's part number.  
 (replace 6 with V): **6090-0608** »» **V090-0608**

The **V000 Series** Couplings on pages 264 to 275 clearly show the Insert, Ferrule and Complete Coupling part numbers for each size of hose.

6090-0608 insert	plus V000-08 ferrule equals	V090-0608 complete coupling
		

## HOSE BRANDING:

In common with industry practice, **RYCO RQP5** and **T5** hoses are branded with their Part Number, and their Actual Inside Diameter. For example:

**RYCO TRUCKER T55 1/4" MAX WP 3050 PSI•210 BAR MALAYSIA**  
 DOT RYCO MMY 1/4 AII • RYCO AIR BRAKE (METRIC SIZE 6.3) SAE J1402 AII

**RYCO TRUCKER T56 5/16" MAX WP 2250 PSI•155 BAR MALAYSIA**  
 DOT RYCO MMY 5/16 AII • RYCO AIR BRAKE (METRIC SIZE 8) SAE J1402 AII

**RYCO SURVIVOR RQP55 1/4" MAX WP 3050 PSI•210 BAR MALAYSIA**  
 DOT RYCO MMY 1/4 AII • RYCO AIR BRAKE (METRIC SIZE 6.3) SAE J1402 AII

**RYCO SURVIVOR RQP56 5/16" MAX WP 3050 PSI•210 BAR MALAYSIA**  
 DOT RYCO MMY 5/16 AII • RYCO AIR BRAKE (METRIC SIZE 8) SAE J1402 AII

When ordering hose, it is important to be clear about what size is being referred to.

For example **T55** is -05 or **5/16"** Nominal Dash Size, and **1/4"** Actual Inside Diameter.

**T56** is -06 or **3/8"** Nominal Dash Size, and **5/16"** Actual Inside Diameter.

Both hoses can be referred to as **5/16"**, depending on whether Nominal or Actual Inside Diameter is being referred to. Other sizes that crossover are:

**T54** and **T55**; **T58** and **T510**; and **T510** and **T512**.

**RQP54** and **RQP55**; **RQP58** and **RQP510**; and **RQP510** and **RQP512**.

**It is NOT RECOMMENDED to refer to the size of the hose only**, or there may be confusion about whether it is Actual or Nominal Diameter.

**It is RECOMMENDED to only refer to the Part Number of the hose. Example: T56.**

If the size is mentioned, the Part Number of the hose must also be included to remove any confusion.

**EXAMPLE: 5/16" T56.**

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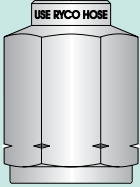
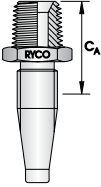
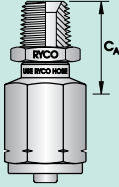
ACCESSORIES

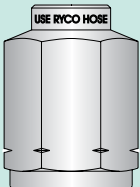
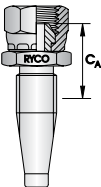
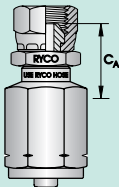
FILTERS

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# COUPLINGS

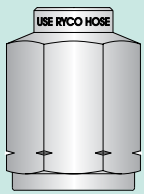
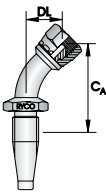
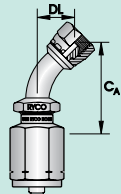
## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

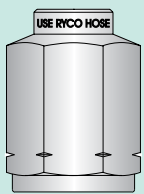
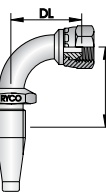
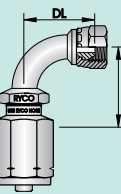
BSP				V000 (V00) FERRULE	6010 (601) INSERT	V010 (V01) COUPLING	
60° SEAT							
HOSE SIZE ACTUAL ID	THRD SIZE	DASH SIZE		BSPT MALE			
DN	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>
6	1/4	1/8	-0402	V000-05	6010-0402	V010-0402	27
6	1/4	1/4	-0404	V000-05	6010-0404	V010-0404	32
8	5/16	1/4	-0504	V000-06	6010-0504	V010-0504	33
8	5/16	3/8	-0506	V000-06	6010-0506	V010-0506	31
10	13/32	1/4	-0604	V000-08	6010-0604	V010-0604	33
10	13/32	3/8	-0606	V000-08	6010-0606	V010-0606	33
10	13/32	1/2	-0608	V000-08	6010-0608	V010-0608	39
12	1/2	1/2	-0808	V000-10	6010-0808	V010-0808	42
16	5/8	5/8	-1010	V000-12	6010-1010	V010-1010	43
16	5/8	3/4	-1012	V000-12	6010-1012	V010-1012	43
28	1.1/8	1.1/4	-1820	V000-20	6010-1820	V010-1820	58

BSP				V000 (V00) FERRULE	6020 (602) INSERT	V020 (V02) COUPLING	
60° SEAT							
HOSE SIZE ACTUAL ID	THRD SIZE	DASH SIZE		BSPP FEMALE			
DN	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>
5	3/16	1/8	-0302	V000-04	6020-0302	V020-0302	25
6	1/4	1/8	-0402	V000-05	6020-0402	V020-0402	27
6	1/4	1/4	-0404	V000-05	6020-0404	V020-0404	28
8	5/16	1/4	-0504	V000-06	6020-0504	V020-0504	29
8	5/16	3/8	-0506	V000-06	6020-0506	V020-0506	32
10	13/32	1/4	-0604	V000-08	6020-0604	V020-0604	29
10	13/32	3/8	-0606	V000-08	6020-0606	V020-0606	32
10	13/32	1/2	-0608	V000-08	6020-0608	V020-0608	34
12	1/2	1/2	-0808	V000-10	6020-0808	V020-0808	36
12	1/2	5/8	-0810	V000-10	6020-0810	V020-0810	36
16	5/8	5/8	-1010	V000-12	6020-1010	V020-1010	36
16	5/8	3/4	-1012	V000-12	6020-1012	V020-1012	38
22	7/8	1	-1416	V000-16	6020-1416	V020-1416	39
28	1.1/8	1.1/4	-1820	V000-20	6020-1820	V020-1820	51

**NOTE:** Hose Compatibility for the V000 series can be found on page 262.

## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

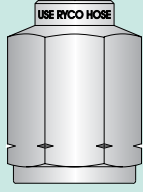
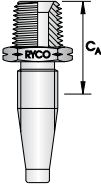
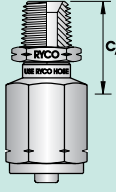
BSP				V000 (V00) FERRULE	6270 (627) INSERT	V270 (V27) COUPLING			
60° SEAT									
HOSE SIZE ACTUAL ID				THRD SIZE	DASH SIZE	BSP FEMALE - 45° TUBE BEND			
DN	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>	DL	
6	1/4	1/4	-0404	V000-05	6270-0404	V270-0404	44	17	
8	5/16	3/8	-0506	V000-06	6270-0506	V270-0506	53	19	
10	13/32	3/8	-0606	V000-08	6270-0606	V270-0606	53	18	
12	1/2	1/2	-0808	V000-10	6270-0808	V270-0808	62	22	
16	5/8	5/8	-1010	V000-12	6270-1010	V270-1010	67	23	
35	1.3/8	1.1/2	-2224	V000-24	6270-2224	V270-2224	131	52	

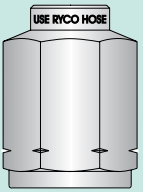
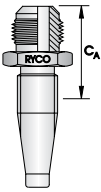
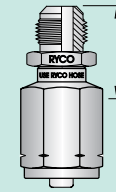
BSP				V000 (V00) FERRULE	6260 (626) INSERT	V260 (V26) COUPLING			
60° SEAT									
HOSE SIZE ACTUAL ID				THRD SIZE	DASH SIZE	BSP FEMALE - 90° TUBE BEND			
DN	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>	DL	
6	1/4	1/4	-0404	V000-05	6260-0404	V260-0404	36	29	
8	5/16	3/8	-0506	V000-06	6260-0506	V260-0506	44	34	
10	13/32	3/8	-0606	V000-08	6260-0606	V260-0606	45	33	
10	13/32	1/2	-0608	V000-08	6260-0608	V260-0608	45	33	
12	1/2	1/2	-0808	V000-10	6260-0808	V260-0808	53	45	
16	5/8	5/8	-1010	V000-12	6260-1010	V260-1010	61	50	
35	1.3/8	1.1/2	-2224	V000-24	6260-2224	V260-2224	113	106	

**NOTE:** Hose Compatibility for the V000 series can be found on page 262.

# COUPLINGS

## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

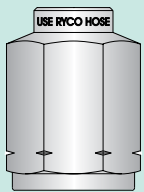
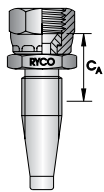
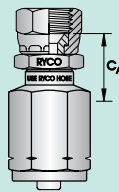
NPT				V000 (V00) FERRULE	6090 (609) INSERT	V090 (V09) COUPLING		
60° SEAT								
HOSE SIZE ACTUAL ID	THRD SIZE	DASH SIZE		NPT MALE				
DN	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>	
5	3/16	1/8	-0302	V000-04	6090-0302	V090-0302	25	
5	3/16	1/4	-0304	V000-04	6090-0304	V090-0304	30	
6	1/4	1/8	-0402	V000-05	6090-0402	V090-0402	27	
6	1/4	1/4	-0404	V000-05	6090-0404	V090-0404	32	
6	1/4	3/8	-0406	V000-05	6090-0406	V090-0406	32	
8	5/16	1/4	-0504	V000-06	6090-0504	V090-0504	33	
8	5/16	3/8	-0506	V000-06	6090-0506	V090-0506	33	
10	13/32	1/4	-0604	V000-08	6090-0604	V090-0604	33	
10	13/32	3/8	-0606	V000-08	6090-0606	V090-0606	33	
10	13/32	1/2	-0608	V000-08	6090-0608	V090-0608	39	
12	1/2	3/8	-0806	V000-10	6090-0806	V090-0806	37	
12	1/2	1/2	-0808	V000-10	6090-0808	V090-0808	42	
16	5/8	1/2	-1008	V000-12	6090-1008	V090-1008	43	
16	5/8	3/4	-1012	V000-12	6090-1012	V090-1012	43	
22	7/8	1	-1416	V000-16	6090-1416	V090-1416	48	
28	1.1/8	1.1/4	-1820	V000-20	6090-1820	V090-1820	58	
35	1.3/8	1.1/2	-2224	V000-24	6090-2224	V090-2224	51	

JIC				V000 (V00) FERRULE	6030 (603) INSERT	V030 (V03) COUPLING			
37° FLARE									
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE	JIC MALE					
DN	inch	inch	inch	PART NO	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	
5	3/16	7/16	1/4	-0307	V000-04	6030-0307	29	V030-0307	30
6	1/4	7/16	1/4	-0407	V000-05	6030-0407	31	V030-0407	31
6	1/4	1/2	5/16	-0408	V000-05	6030-0408	31	V030-0408	31
6	1/4	9/16	3/8	-0409	V000-05	6030-0409	32	V030-0409	32
6	1/4	3/4	1/2	-0412	V000-05	6030-0412	36	V030-0412	27
10	13/32	9/16	3/8	-0609	V000-08	6030-0609	33	V030-0609	33
10	13/32	3/4	1/2	-0612	V000-08	6030-0612	37	V030-0612	37
10	13/32	7/8	5/8	-0614	V000-08	6030-0614	39	V030-0614	39
12	1/2	3/4	1/2	-0812	V000-10	6030-0812	39	V030-0812	39
12	1/2	7/8	5/8	-0814	V000-10	6030-0814	42	V030-0814	42
12	1/2	1.1/16	3/4	-0817	V000-10	6030-0817	46	V030-0817	46
16	5/8	7/8	5/8	-1014	V000-12	6030-1014	43	V030-1014	43
16	5/8	1.1/16	3/4	-1017	V000-12	6030-1017	46	V030-1017	46

**NOTE:** Hose Compatibility for the V000 series can be found on page 262.



## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

JIC					V000 (V00) FERRULE	6040 (604) INSERT	V040 (V04) COUPLING		
37° FLARE									
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		JIC FEMALE				
DN	inch	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>	
5	3/16	7/16	1/4	-0307	V000-04	6040-0307	V040-0307	23	
6	1/4	7/16	1/4	-0407	V000-05	6040-0407	V040-0407	25	
6	1/4	1/2	5/16	-0408	V000-05	6040-0408	V040-0408	25	
6	1/4	9/16	3/8	-0409	V000-05	6040-0409	V040-0409	26	
6	1/4	3/4	1/2	-0412	V000-05	6040-0412	V040-0412	27	
8	5/16	9/16	3/8	-0509	V000-06	6040-0509	V040-0509	27	
10	13/32	7/16	1/4	-0607	V000-08	6040-0607	V040-0607	27	
10	13/32	1/2	5/16	-0608	V000-08	6040-0608	V040-0608	27	
10	13/32	9/16	3/8	-0609	V000-08	6040-0609	V040-0609	27	
10	13/32	3/4	1/2	-0612	V000-08	6040-0612	V040-0612	30	
10	13/32	7/8	5/8	-0614	V000-08	6040-0614	V040-0614	31	
12	1/2	9/16	3/8	-0809	V000-10	6040-0809	V040-0809	31	
12	1/2	3/4	1/2	-0812	V000-10	6040-0812	V040-0812	32	
12	1/2	7/8	5/8	-0814	V000-10	6040-0814	V040-0814	34	
12	1/2	1.1/16	3/4	-0817	V000-10	6040-0817	V040-0817	36	
16	5/8	7/8	5/8	-1014	V000-12	6040-1014	V040-1014	34	
16	5/8	1.1/16	3/4	-1017	V000-12	6040-1017	V040-1017	36	
22	7/8	1.5/16	1	-1421	V000-16	6040-1421	V040-1421	37	
28	1.1/8	1.5/8	1.1/4	-1826	V000-20	6040-1826	V040-1826	46	
35	1.3/8	1.7/8	1.1/2	-2230	V000-24	6040-2230	V040-2230	45	
46	1.13/16	2.1/2	2	-2940	V000-32	6040-2940	V040-2940	37	

INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

ACCESSORIES

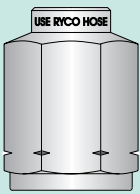
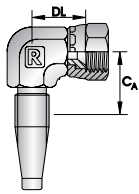
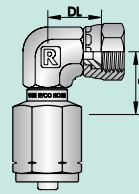
FILTERS

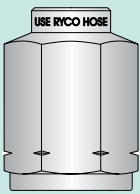
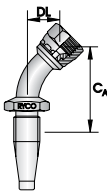
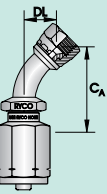
TECHNICAL

**NOTE:** Hose Compatibility for the V000 series can be found on page 262.

# COUPLINGS

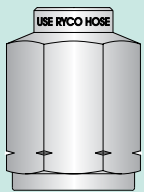
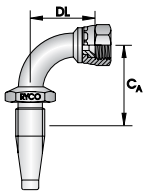
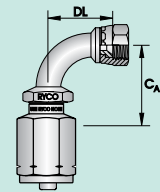
## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

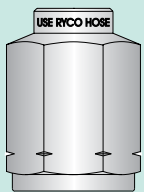
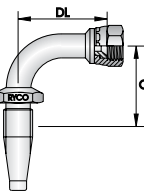
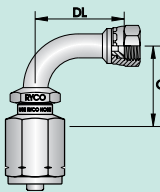
JIC					V000 (V00) FERRULE	6070 (607) INSERT	V070 (V07) COUPLING			
37° FLARE										
HOSE SIZE	THRD	TUBE	DASH		JIC FEMALE - 90° ELBOW					
ACTUAL ID	SIZE	SIZE	SIZE		PART NO	PART NO	PART NO	C <sub>A</sub>	DL	
6	1/4	7/16	1/4	-0407	V000-05	6070-0407	V070-0407	23	18	
6	1/4	1/2	5/16	-0408	V000-05	6070-0408	V070-0408	23	18	
6	1/4	9/16	3/8	-0409	V000-05	6070-0409	V070-0409	23	18	
10	13/32	9/16	3/8	-0609	V000-08	6070-0609	V070-0609	25	20	
10	13/32	3/4	1/2	-0612	V000-08	6070-0612	V070-0612	25	21	
12	1/2	3/4	1/2	-0812	V000-10	6070-0812	V070-0812	32	22	
12	1/2	7/8	5/8	-0814	V000-10	6070-0814	V070-0814	32	23	
12	1/2	1.1/16	3/4	-0817	V000-10	6070-0817	V070-0817	32	25	
16	5/8	7/8	5/8	-1014	V000-12	6070-1014	V070-1014	33	29	
16	5/8	1.1/16	3/4	-1017	V000-12	6070-1017	V070-1017	31	28	

JIC					V000 (V00) FERRULE	6250 (625) INSERT	V250 (V25) COUPLING			
37° FLARE										
HOSE SIZE	THRD	TUBE	DASH		JIC FEMALE - 45° TUBE BEND					
ACTUAL ID	SIZE	SIZE	SIZE		PART NO	PART NO	PART NO	C <sub>A</sub>	DL	
5	3/16	7/16	1/4	-0307	V000-04	6250-0307	V250-0307	40	10	
6	1/4	7/16	1/4	-0407	V000-05	6250-0407	V250-0407	42	10	
6	1/4	1/2	5/16	-0408	V000-05	6250-0408	V250-0408	42	12	
6	1/4	9/16	3/8	-0409	V000-05	6250-0409	V250-0409	42	12	
8	5/16	9/16	3/8	-0509	V000-06	6250-0509	V250-0509	45	11	
10	13/32	9/16	3/8	-0609	V000-08	6250-0609	V250-0609	45	11	
10	13/32	3/4	1/2	-0612	V000-08	6250-0612	V250-0612	49	15	
12	1/2	3/4	1/2	-0812	V000-10	6250-0812	V250-0812	57	15	
12	1/2	7/8	5/8	-0814	V000-10	6250-0814	V250-0814	57	18	
16	5/8	1.1/16	3/4	-1017	V000-12	6250-1017	V250-1017	62	24	
22	7/8	1.5/16	1	-1421	V000-16	6250-1421	V250-1421	94	28	
35	1.3/8	1.7/8	1.1/2	-2230	V000-24	6250-2230	V250-2230	131	50	

**NOTE:** Hose Compatibility for the V000 series can be found on page 262.

## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

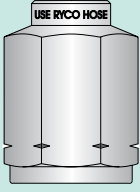
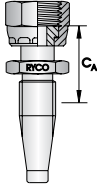
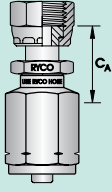
JIC					V000 (V00) FERRULE	6240 (624) INSERT	V240 (V24) COUPLING				
37° FLARE											
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		JIC FEMALE - 90° TUBE BEND						
DN	inch	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>	DL		
5	3/16	7/16	1/4	-0307	V000-04	6240-0307	V240-0307	33	32		
6	1/4	7/16	1/4	-0407	V000-05	6240-0407	V240-0407	35	32		
6	1/4	1/2	5/16	-0408	V000-05	6240-0408	V240-0408	35	32		
6	1/4	9/16	3/8	-0409	V000-05	6240-0409	V240-0409	35	38		
8	5/16	9/16	3/8	-0509	V000-06	6240-0509	V240-0509	45	38		
10	13/32	9/16	3/8	-0609	V000-08	6240-0609	V240-0609	45	38		
10	13/32	3/4	1/2	-0612	V000-08	6240-0612	V240-0612	45	41		
12	1/2	3/4	1/2	-0812	V000-10	6240-0812	V240-0812	54	41		
12	1/2	7/8	5/8	-0814	V000-10	6240-0814	V240-0814	54	47		
16	5/8	7/8	5/8	-1014	V000-12	6240-1014	V240-1014	60	48		
16	5/8	1.1/16	3/4	-1017	V000-12	6240-1017	V240-1017	60	58		
22	7/8	1.5/16	1	-1421	V000-16	6240-1421	V240-1421	77	72		
28	1.1/8	1.5/8	1.1/4	-1826	V000-20	6240-1826	V240-1826	103	81		
35	1.3/8	1.7/8	1.1/2	-2230	V000-24	6240-2230	V240-2230	113	104		

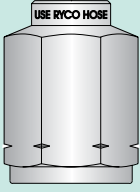
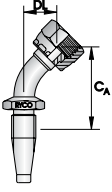
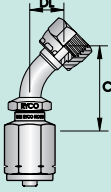
JIC					V000 (V00) FERRULE	6280 (628) INSERT	V280 (V28) COUPLING				
37° FLARE											
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		JIC FEMALE - 90° LONG TUBE BEND						
DN	inch	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>	DL		
6	1/4	7/16	1/4	-0407	V000-05	6280-0407	V280-0407	36	47		
6	1/4	1/2	5/16	-0408	V000-05	6280-0408	V280-0408	36	47		
6	1/4	9/16	3/8	-0409	V000-05	6280-0409	V280-0409	36	54		
8	5/16	9/16	3/8	-0509	V000-06	6280-0509	V280-0509	48	54		
10	13/32	9/16	3/8	-0609	V000-08	6280-0609	V280-0609	42	54		
10	13/32	3/4	1/2	-0612	V000-08	6280-0612	V280-0612	45	64		
12	1/2	3/4	1/2	-0812	V000-10	6280-0812	V280-0812	53	64		
12	1/2	7/8	5/8	-0814	V000-10	6280-0814	V280-0814	53	70		
16	5/8	1.1/16	3/4	-1017	V000-12	6280-1017	V280-1017	50	96		

**NOTE:** Hose Compatibility for the V000 series can be found on page 262.

# COUPLINGS

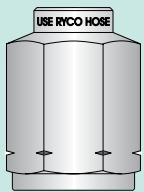
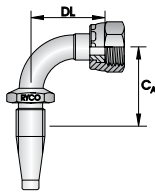
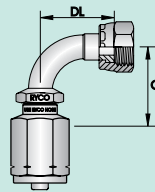
## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

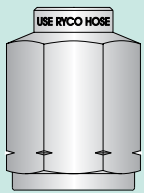
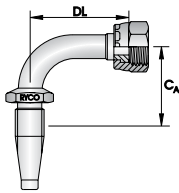
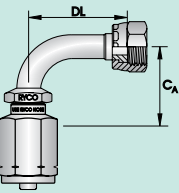
ORFS					V000 (V00) FERRULE	6800 (680) INSERT	V800 (V80) COUPLING	
O RING FACE SEAL								
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		ORFS FEMALE			
DN	inch	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>
5	3/16	9/16	1/4	-0309	V000-04	6800-0309	V800-0309	32
6	1/4	9/16	1/4	-0409	V000-05	6800-0409	V800-0409	34
6	1/4	11/16	3/8	-0411	V000-05	6800-0411	V800-0411	36
8	5/16	11/16	3/8	-0511	V000-06	6800-0511	V800-0511	37
10	13/32	11/16	3/8	-0611	V000-08	6800-0611	V800-0611	37
10	13/32	13/16	1/2	-0613	V000-08	6800-0613	V800-0613	40
12	1/2	13/16	1/2	-0813	V000-10	6800-0813	V800-0813	41
12	1/2	1	5/8	-0816	V000-10	6800-0816	V800-0816	47
16	5/8	1	5/8	-1016	V000-12	6800-1016	V800-1016	47
16	5/8	1.3/16	3/4	-1019	V000-12	6800-1019	V800-1019	50
22	7/8	1.7/16	1	-1423	V000-16	6800-1423	V800-1423	56

ORFS					V000 (V00) FERRULE	6810 (681) INSERT	V810 (V81) COUPLING		
O RING FACE SEAL									
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		ORFS FEMALE - 45° TUBE BEND				
DN	inch	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>	DL
5	3/16	9/16	1/4	-0309	V000-04	6810-0309	V810-0309	46	18
6	1/4	9/16	1/4	-0409	V000-05	6810-0409	V810-0409	48	18
6	1/4	11/16	3/8	-0411	V000-05	6810-0411	V810-0411	48	19
8	5/16	11/16	3/8	-0511	V000-06	6810-0511	V810-0511	54	20
10	13/32	11/16	3/8	-0611	V000-08	6810-0611	V810-0611	54	20
10	13/32	13/16	1/2	-0613	V000-08	6810-0613	V810-0613	50	17
12	1/2	13/16	1/2	-0813	V000-10	6810-0813	V810-0813	60	19
12	1/2	1	5/8	-0816	V000-10	6810-0816	V810-0816	60	19
16	5/8	1	5/8	-1016	V000-12	6810-1016	V810-1016	71	20
16	5/8	1.3/16	3/4	-1019	V000-12	6810-1019	V810-1019	71	24
22	7/8	1.7/16	1	-1423	V000-16	6810-1423	V810-1423	96	34

**NOTE:** Hose Compatibility for the V000 series can be found on pages 262.

## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

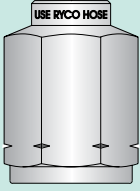
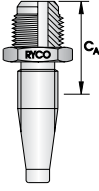
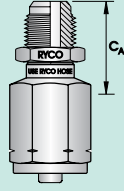
ORFS					V000 (V00) FERRULE	6820 (682) INSERT	V820 (V82) COUPLING				
O RING FACE SEAL											
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		ORFS FEMALE - 90° TUBE BEND						
DN	inch	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>	DL		
5	3/16	9/16	1/4	-0309	V000-04	6820-0309	V820-0309	35	32		
6	1/4	9/16	1/4	-0409	V000-05	6820-0409	V820-0409	37	32		
6	1/4	11/16	3/8	-0411	V000-05	6820-0411	V820-0411	37	38		
8	5/16	11/16	3/8	-0511	V000-06	6820-0511	V820-0511	44	38		
10	13/32	11/16	3/8	-0611	V000-08	6820-0611	V820-0611	44	38		
10	13/32	13/16	1/2	-0613	V000-08	6820-0613	V820-0613	44	41		
12	1/2	13/16	1/2	-0813	V000-10	6820-0813	V820-0813	52	41		
12	1/2	1	5/8	-0816	V000-10	6820-0816	V820-0816	55	47		
16	5/8	1	5/8	-1016	V000-12	6820-1016	V820-1016	59	47		
16	5/8	1.3/16	3/4	-1019	V000-12	6820-1019	V820-1019	59	58		
22	7/8	1.7/16	1	-1423	V000-16	6820-1423	V820-1423	79	71		

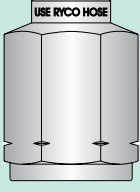
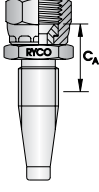
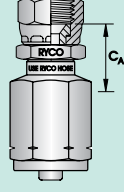
ORFS					V000 (V00) FERRULE	6830 (683) INSERT	V830 (V83) COUPLING				
O RING FACE SEAL											
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		ORFS FEMALE - 90° LONG TUBE BEND						
DN	inch	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>	DL		
5	3/16	9/16	1/4	-0309	V000-04	6830-0309	V830-0309	35	47		
6	1/4	9/16	1/4	-0409	V000-05	6830-0409	V830-0409	37	47		
6	1/4	11/16	3/8	-0411	V000-05	6830-0411	V830-0411	37	54		
8	5/16	11/16	3/8	-0511	V000-06	6830-0511	V830-0511	42	54		
10	13/32	11/16	3/8	-0611	V000-08	6830-0611	V830-0611	42	54		
10	13/32	13/16	1/2	-0613	V000-08	6830-0613	V830-0613	42	64		
12	1/2	13/16	1/2	-0813	V000-10	6830-0813	V830-0813	53	65		
12	1/2	1	5/8	-0816	V000-10	6830-0816	V830-0816	58	70		
16	5/8	1	5/8	-1016	V000-12	6830-1016	V830-1016	63	70		
16	5/8	1.3/16	3/4	-1019	V000-12	6830-1019	V830-1019	63	96		
22	7/8	1.7/16	1	-1423	V000-16	6830-1423	V830-1423	87	113		

**NOTE:** Hose Compatibility for the V000 series can be found on page 262.

# COUPLINGS

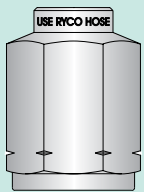
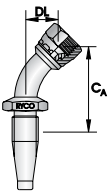
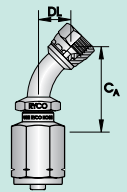
## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

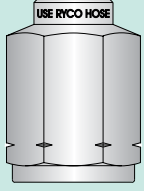
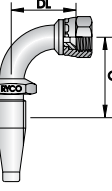
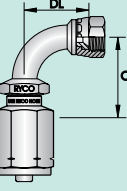
SAE					V000 (V00) FERRULE	6530 (653) INSERT	V530 (V53) COUPLING	
45° FLARE								
					SAE MALE			
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		PART NO	PART NO	PART NO	C <sub>A</sub>
6	1/4	5/8	3/8	-0410	<b>V000-05</b>	<b>6530-0410</b>	<b>V530-0410</b>	33
8	5/16	5/8	3/8	-0510	<b>V000-06</b>	<b>6530-0510</b>	<b>V530-0510</b>	34
10	13/32	1/2	5/16	-0608	<b>V000-08</b>	<b>6530-0608</b>	<b>V530-0608</b>	33
10	13/32	5/8	3/8	-0610	<b>V000-08</b>	<b>6530-0610</b>	<b>V530-0610</b>	34

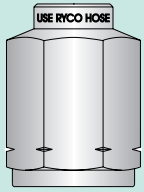
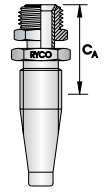
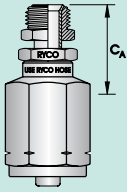
SAE					V000 (V00) FERRULE	6540 (654) INSERT	V540 (V54) COUPLING	
45° FLARE								
					SAE FEMALE			
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		PART NO	PART NO	PART NO	C <sub>A</sub>
5	3/16	7/16	1/4	-0307	<b>V000-04</b>	<b>6540-0307</b>	<b>V540-0307</b>	23
6	1/4	7/16	1/4	-0407	<b>V000-05</b>	<b>6540-0407</b>	<b>V540-0407</b>	25
6	1/4	1/2	5/16	-0408	<b>V000-05</b>	<b>6540-0408</b>	<b>V540-0408</b>	25
8	5/16	5/8	3/8	-0510	<b>V000-06</b>	<b>6540-0510</b>	<b>V540-0510</b>	27
10	13/32	5/8	3/8	-0610	<b>V000-08</b>	<b>6540-0610</b>	<b>V540-0610</b>	27
10	13/32	3/4	1/2	-0612	<b>V000-08</b>	<b>6540-0612</b>	<b>V540-0612</b>	30
12	1/2	7/8	5/8	-0814	<b>V000-10</b>	<b>6540-0814</b>	<b>V540-0814</b>	32
16	5/8	1.1/16	3/4	-1017	<b>V000-12</b>	<b>6540-1017</b>	<b>V540-1017</b>	36

**NOTE:** Hose Compatibility for the **V000** series can be found on page 262.

## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

SAE					V000 (V00) FERRULE	6550 (655) INSERT	V550 (V55) COUPLING				
45° FLARE											
HOSE SIZE ACTUAL ID					THRSD SIZE	TUBE SIZE	DASH SIZE	SAE FEMALE - 45° TUBE BEND			
DN	inch	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>	DL		
5	3/16	7/16	1/4	-0307	V000-04	6550-0307	V550-0307	40	15		
8	5/16	5/8	3/8	-0510	V000-06	6550-0510	V550-0510	50	17		
10	13/32	1/2	5/16	-0608	V000-08	6550-0608	V550-0608	50	15		
10	13/32	5/8	3/8	-0610	V000-08	6550-0610	V550-0610	51	17		

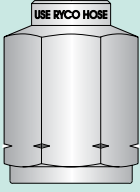
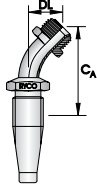
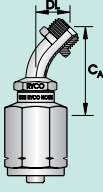
SAE					V000 (V00) FERRULE	6560 (656) INSERT	V560 (V56) COUPLING				
45° FLARE											
HOSE SIZE ACTUAL ID					THRSD SIZE	TUBE SIZE	DASH SIZE	SAE FEMALE - 90° TUBE BEND			
DN	inch	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>	DL		
5	3/16	7/16	1/4	-0307	V000-04	6560-0307	V560-0307	38	29		
8	5/16	5/8	3/8	-0510	V000-06	6560-0510	V560-0510	44	33		
10	13/32	5/8	3/8	-0610	V000-08	6560-0610	V560-0610	44	33		

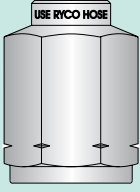
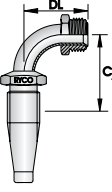
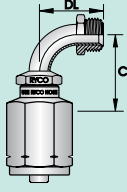
SAE					V000 (V00) FERRULE	6740 (674) INSERT	V740 (V74) COUPLING				
INVERTED MALE FLARE											
HOSE SIZE ACTUAL ID					THRSD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE			
DN	inch	inch	inch		PART NO	PART NO	PART NO	C <sub>A</sub>			
6	1/4	7/16	1/4	-0407	V000-05	6740-0407	V740-0407	46			
8	5/16	5/8	3/8	-0510	V000-06	6740-0510	V740-0510	47			
10	13/32	5/8	3/8	-0610	V000-08	6740-0610	V740-0610	48			
10	13/32	11/16	7/16	-0611	V000-08	6740-0611	V740-0611	51			

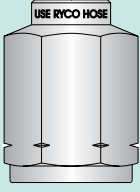
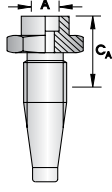
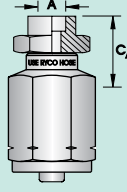
**NOTE:** Hose Compatibility for the V000 series can be found on page 262.

# COUPLINGS

## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

SAE					V000 (V00) FERRULE	6750 (675) INSERT	V750 (V75) COUPLING		
INVERTED MALE FLARE									
					SAE INVERTED MALE FLARE - 45° TUBE BEND				
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		PART NO	PART NO	PART NO	C <sub>A</sub>	DL
DN	inch	inch	inch						
8	5/16	5/8	3/8	-0510	V000-06	6750-0510	V750-0510	80	23
10	13/32	5/8	3/8	-0610	V000-08	6750-0610	V750-0610	80	23

SAE					V000 (V00) FERRULE	6770 (677) INSERT	V770 (V77) COUPLING		
INVERTED MALE FLARE									
					SAE INVERTED MALE FLARE - 90° TUBE BEND				
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		PART NO	PART NO	PART NO	C <sub>A</sub>	DL
DN	inch	inch	inch						
6	1/4	7/16	1/4	-0407	V000-05	6770-0407	V770-0407	49	38
8	5/16	5/8	3/8	-0510	V000-06	6770-0510	V770-0510	62	50
10	13/32	5/8	3/8	-0610	V000-08	6770-0610	V770-0610	62	50

SALVAGE					V000 (V00) FERRULE	6230 (623) INSERT	V230 (V23) COUPLING	
TUBE WELD								
					SALVAGE (LIFESAVER)			
HOSE SIZE ACTUAL ID		A	DASH SIZE		PART NO	PART NO	PART NO	C <sub>A</sub>
DN	inch	inch						
5	3/16	1/4	-0304		V000-04	6230-0304	V230-0304	22
6	1/4	3/8	-0406		V000-05	6230-0406	V230-0406	24
8	5/16	3/8	-0506		V000-06	6230-0506	V230-0506	25
10	13/32	3/8	-0606		V000-08	6230-0606	V230-0606	25
10	13/32	1/2	-0608		V000-08	6230-0608	V230-0608	25
12	1/2	5/8	-0810		V000-10	6230-0810	V230-0810	29
16	5/8	3/4	-1012		V000-12	6230-1012	V230-1012	29
22	7/8	1	-1416		V000-16	6230-1416	V230-1416	32
28	1.1/8	1.1/4	-1820		V000-20	6230-1820	V230-1820	41
35	1.3/8	1.1/2	-2224		V000-24	6230-2224	V230-2224	33

**NOTE:** Hose Compatibility for the V000 series can be found on page 262.



## V000 (V00) SERIES FIELD ATTACHABLE COUPLINGS

UNO (O RING BOSS)					V000 (V00) FERRULE	6200 (620) INSERT	V200 (V20) COUPLING		
O RING SUPPLIED									
					UN O RING MALE (O RING BOSS)				
HOSE SIZE ACTUAL ID	THRD SIZE	TUBE SIZE	DASH SIZE		PART NO	PART NO	PART NO	C <sub>A</sub>	
6	1/4	9/16	3/8	-0409	<b>V000-05</b>	<b>6200-0409</b>	<b>V200-0409</b>	27	
10	13/32	9/16	3/8	-0609	<b>V000-08</b>	<b>6200-0609</b>	<b>V200-0609</b>	28	
10	13/32	3/4	1/2	-0612	<b>V000-08</b>	<b>6200-0612</b>	<b>V200-0612</b>	31	
12	1/2	3/4	1/2	-0812	<b>V000-10</b>	<b>6200-0812</b>	<b>V200-0812</b>	33	
12	1/2	7/8	5/8	-0814	<b>V000-10</b>	<b>6200-0814</b>	<b>V200-0814</b>	35	
12	1/2	1.1/16	3/4	-0817	<b>V000-10</b>	<b>6200-0817</b>	<b>V200-0817</b>	39	
16	5/8	1.1/16	3/4	-1017	<b>V000-12</b>	<b>6200-1017</b>	<b>V200-1017</b>	39	

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**NOTE:** Hose Compatibility for the **V000** series can be found on page 262.

# COUPLINGS

## FIELD ATTACHABLE FERRULES FOR 6000 (600) SERIES INSERTS

### HOSE COMPATIBILITY FOR 6000 (600) SERIES

#### FIELD ATTACHABLE FERRULES FOR 600 SERIES INSERTS

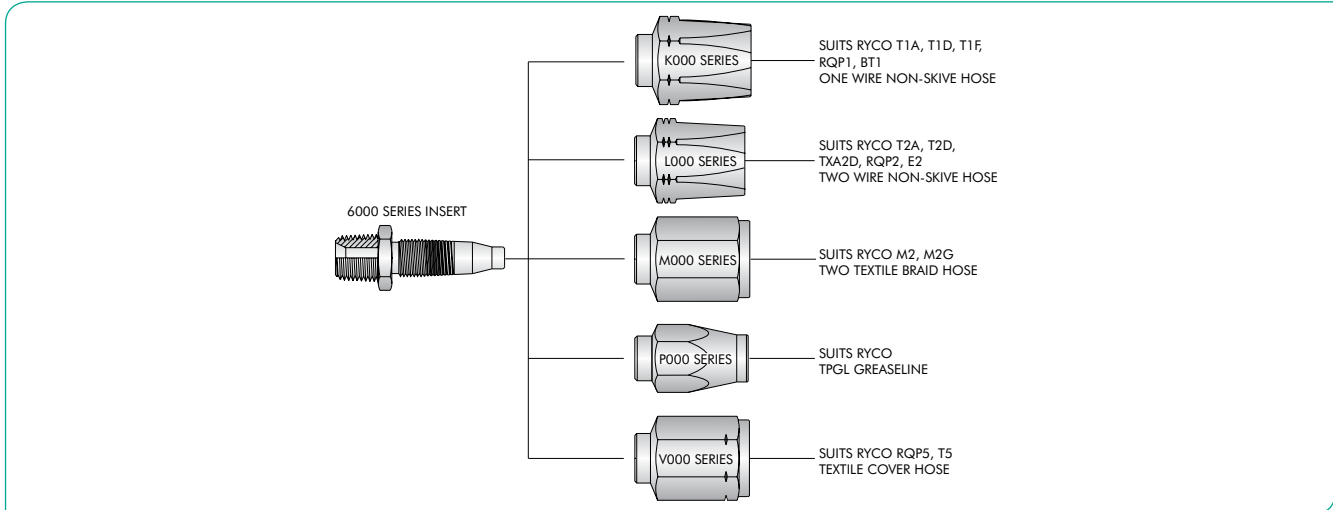
The RYCO Field Attachable system consists of five ferrule styles, each specific to a hose type, and one common insert.

Field attachable inserts and ferrules can be ordered individually, or as a complete coupling for specific hose types.

Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQP1, RQP2, T1F, M2, M2G, BT1, E2.

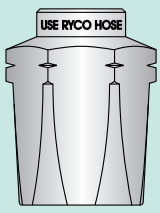
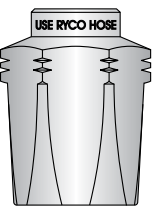
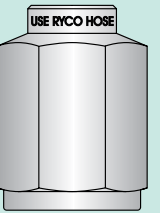
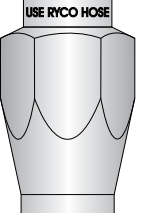
For **V000** Series for RQP5 and T5 Hose Series, see pages 262 to 275.

**6000** Series Inserts are used with **NON-SKIVE** Ferrules **K000**, **L000**, **M000**, **P000** and **V000** Series.



V000 Series Couplings for T5 Hose Series are shown on pages 262 to 275.

6000 Series Inserts, for use with **K000**, **L000**, **M000** and **P000** Series Ferrules, are shown on pages 276 to 290.

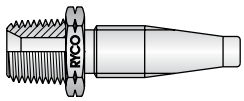
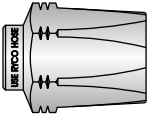
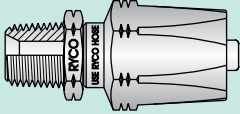
FERRULES				K000 (K00)		L000 (L00)		M000 (400)		P000	
											
SUITS RYCO HOSE TYPE				ONE WIRE BRAID NON-SKIVE		TWO WIRE BRAID NON-SKIVE		TWO TEXTILE BRAID		GREASELINE	
SUITS RYCO HOSE SERIES				RYCO T1A, T1D, T1F, RQP1, BT1		RYCO T2A, T2D, TXA2D, RQP2, E2		RYCO M2, M2G		RYCO TPGL	
HOSE SIZE		USE INSERT		C <sub>A</sub> ADJ		C <sub>A</sub> ADJ		C <sub>A</sub> ADJ		C <sub>A</sub> ADJ	
DN	inch	Dash	Series	PART NO	mm	PART NO	mm	PART NO	mm	PART NO	mm
	1/8	-02	<b>6000-02</b>							<b>P000-02</b>	0
5	3/16	-03	<b>6000-03</b>								
6	1/4	-04	<b>6000-04</b>	<b>K000-04</b>	0	<b>L000-04</b>	0	<b>M000-04</b>	0		
10	3/8	-06	<b>6000-06</b>	<b>K000-06</b>	0	<b>L000-06</b>	0	<b>M000-06</b>	0		
12	1/2	-08	<b>6000-08</b>	<b>K000-08</b>	+3	<b>L000-08</b>	0	<b>M000-08</b>	0		
16	5/8	-10	<b>6000-10</b>	<b>K000-10</b>	+1	<b>L000-10</b>	0				
19	3/4	-12	<b>6000-12</b>	<b>K000-12</b>	+2	<b>L000-12</b>	0	<b>M000-12</b>	0		
25	1	-16	<b>6000-16</b>	<b>K000-16</b>	0	<b>L000-16</b>	0	<b>M000-16</b>	-2		
31	1.1/4	-20	<b>6000-20</b>			<b>L000-20</b>	0				
38	1.1/2	-24	<b>6000-24</b>								
51	2	-32	<b>6000-32</b>								

**NOTE:** For previous Part Number series, remove a zero from the end of the new series Part Number. Eg, **K000** series was previously **K00** series. Part Number **L000-04** was previously **L00-04**. The exception is **M000**, which was previously the **400** series.

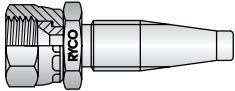
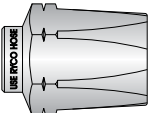
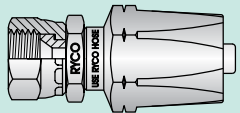
### ALL SERIES (EXCEPT V SERIES)

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** To order 1/2" NPT male Insert and Ferrule for 1/2" two wire non-skive hose (T2A).
- (a) Individually Order Insert **6090-0808** (6000 Series). See NPT 6000 Series Inserts on page 280.  
Order Ferrule **L000-08**.  
L000 Series Ferrules are used on T2A hose; see table on the previous page, or table for Matched Couplings for T2A on page 92.  
Dash Size -08 part of **L000-08** comes from 1/2" hose =  $8/16" = -08$ ; or from the tables.
- (b) Complete Coupling Order **L090-0808**.  
Simply replace the first character of the Insert part number with the first character of the Ferrule part number.  
(replace 6 with L) = **6090-0808** » **L090-0808**

6090-0808 Insert	plus L000-08 Ferrule equals	L090-0808 complete Coupling
		

- EXAMPLE 2** To order 3/4"-16 JIC female Insert and Ferrule for 3/8" RQP1 series hose.
- (a) Individually Order Insert **6040-0612** (6000 Series). See JIC 6000 Series Inserts on page 282.  
Order Ferrule **K000-06**.  
K000 Series Ferrules are used on RQP1 hose; see table on previous page, table for Matched Couplings for RQP1 on page 114.  
Dash Size -06 part of **K000-06** comes from 3/8" hose =  $6/16" = -06$ ; or from the tables.
- (b) Complete Coupling Order **K040-0612**.  
Simply replace the first character of the Insert part number with the first character of the Ferrule part number.  
(replace 6 with K) = **6040-0612** » **K040-0612**

6040-0612 Insert	plus K000-06 Ferrule equals	K040-0612 complete Coupling
		

\* See page 263 for How To Order RYCO V000 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 "6000 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 6000 Series Inserts, published in the tables on pages 278 to 290 are:  
Up to and including -20 Size; the  $C_A$  is for **L000** Series (the most popular series)

To determine the correct Cut-Off Allowance ( $C_A$ ) for other Ferrule Series, use the published figure from pages 278 to 290, 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 **K090-0808**.  
From table on page 108, Cut-Off Allowance ( $C_A$ ) for **6090-0808** (L090-0808) is 42 mm.  
From the table on the previous page, adjustment for **K000** Series in -08 size is "add 3 mm".  
**Cut-Off Allowance ( $C_A$ ) for K090-0808 = 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 487.

For further information about Hose Assemblies and Cut-Off Allowances ( $C_A$ ), see pages 486 to 492 of the Technical Section.  
\* For Cut-Off Allowances ( $C_A$ ), and **V Series** Couplings, refer to pages 262 to 275.

# COUPLINGS

BSP

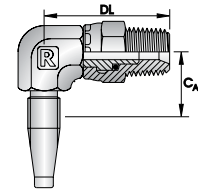
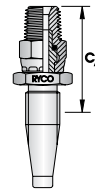
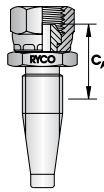
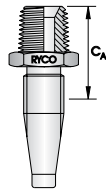
6010  
[601]

6020  
[602]

6320  
[632]

6340  
[634]

60° SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE		BSPF FEMALE		BSPT MALE SWIVEL		BSPT MALE SWIVEL 90° ELBOW		
DN	inch	inch		PART NO	CA	PART NO	CA	PART NO	CA	PART NO	CA	DL
4	3/16	1/8	-0302			6020-0302	25					
6	1/4	1/8	-0402	6010-0402	31	6020-0402	31					
6	1/4	1/4	-0404	6010-0404	35	6020-0404	31					
6	1/4	3/8	-0406	6010-0406	35	6020-0406	33					
8	5/16	1/4	-0504	6010-0504	33	6020-0504	29					
8	5/16	3/8	-0506	6010-0506	33	6020-0506	32					
10	3/8	1/8	-0602	6010-0602	28							
10	3/8	1/4	-0604	6010-0604	32	6020-0604	28					
10	3/8	3/8	-0606	6010-0606	32	6020-0606	31	6320-0606	52	6340-0606	24	44
10	3/8	1/2	-0608	6010-0608	38	6020-0608	33	6320-0608	56	6340-0608	24	48
12	1/2	1/4	-0804	6010-0804	38							
12	1/2	3/8	-0806	6010-0806	38	6020-0806	36					
12	1/2	1/2	-0808	6010-0808	43	6020-0808	37	6320-0808	57	6340-0808	32	50
12	1/2	5/8	-0810			6020-0810	38					
12	1/2	3/4	-0812			6020-0812	38					
16	5/8	1/2	-1008	6010-1008	46							
16	5/8	5/8	-1010	6010-1010	46	6020-1010	39					
16	5/8	3/4	-1012	6010-1012	46	6020-1012	40					
19	3/4	3/4	-1212	6010-1212	42	6020-1212	38	6320-1212	60			
19	3/4	1	-1216	6010-1216	50	6020-1216	42					
22	7/8	1	-1416			6020-1416	39					
25	1	1	-1616	6010-1616	54	6020-1616	46					
29	1.1/8	1.2/8		6010-1820	58	6020-1820	51					
31	1.1/4	1.1/4	-2020	6010-2020	59	6020-2020	51					
38	1.1/2	1.1/2	-2424	6010-2424	57	6020-2424	51					
51	2	2	-3232	6010-3232	66	6020-3232	62					

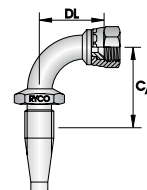
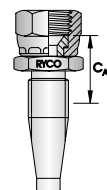
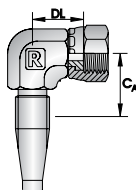
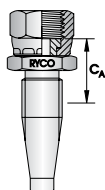
**NOTE:** These "Live Swivel" 6320 and 6340 Series Inserts are for Maximum Working Pressure: 420 bar (6100 psi): -04 & -06 Thread Size, 350 bar (5100 psi): -08 Thread Size, 280 bar (4100 psi): -12 Thread Size, 215 bar (3100 psi): -16 Thread Size. Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

**NOTE:** Hose Compatibility for the 6000 series can be found on page 276.

## 6000 (600) SERIES FIELD ATTACHABLE INSERTS

**BSP** **6024 (602F)** **6052 (605F)** **6120 (612)** **6311 (631)**

**SPECIAL SEATS**

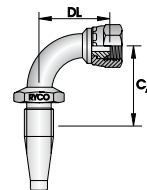
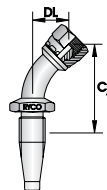
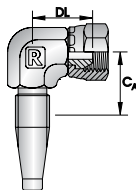
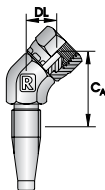


HOSE SIZE		THRD SIZE	DASH SIZE	BSPP FEMALE FLAT FACE			BSPP FEMALE FLAT FACE 90° ELBOW			BSPP FEMALE 60° CONCAVE SEAT (JIS)			BSPP FEMALE 60° CONCAVE SEAT (JIS) 90° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404	<b>6024-0404</b>	28					<b>6120-0404</b>	31				
10	3/8	3/8	-0606	<b>6024-0606</b>	28					<b>6120-0606</b>	29		<b>6311-0606</b>	44	30
10	3/8	1/2	-0608	<b>6024-0608</b>	29	<b>6052-0608</b>	24	26							
12	1/2	1/2	-0808	<b>6024-0808</b>	34					<b>6120-0808</b>	33				
12	1/2	3/4	-0812	<b>6024-0812</b>	34										
19	3/4	3/4	-1212	<b>6024-1212</b>	34					<b>6120-1212</b>	36				
25	1	1	-1616							<b>6120-1616</b>	43				

**NOTE:** These 6120 and 6310 Series inserts are also listed in the JIS section on page 283.

**BSP** **6060 (606)** **6050 (605)** **6270 (627)** **6260 (626)**

**60° SEAT**



HOSE SIZE		THRD SIZE	DASH SIZE	BSPP FEMALE 45° ELBOW			BSPP FEMALE 90° ELBOW			BSPP FEMALE 45° TUBE BEND			BSPP FEMALE 90° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404	<b>6060-0404</b>	40	15	<b>6050-0404</b>	27	24	<b>6270-0404</b>	47	17	<b>6260-0404</b>	39	29
6	1/4	3/8	-0406				<b>6050-0406</b>	26	28						
8	5/16	3/8	-0506							<b>6270-0506</b>	53	19	<b>6260-0506</b>	41	34
10	3/8	3/8	-0606	<b>6060-0606</b>	39	18	<b>6050-0606</b>	24	28	<b>6270-0606</b>	52	18	<b>6260-0606</b>	44	33
10	3/8	1/2	-0608				<b>6050-0608</b>	24	31				<b>6260-0608</b>	44	33
12	1/2	1/2	-0808	<b>6060-0808</b>	48	18	<b>6050-0808</b>	32	31	<b>6270-0808</b>	64	22	<b>6260-0808</b>	55	45
12	1/2	5/8	-0810										<b>6260-0810</b>	56	45
16	5/8	5/8	-1010	<b>6060-1010</b>	50		<b>6050-1010</b>	35	30	<b>6270-1010</b>	70	23	<b>6260-1010</b>	64	50
19	3/4	3/4	-1212	<b>6060-1212</b>	48	20	<b>6050-1212</b>	32	36	<b>6270-1212</b>	82	29	<b>6260-1212</b>	68	58
25	1	1	-1616	<b>6060-1616</b>	60	23	<b>6050-1616</b>	39	40	<b>6270-1616</b>	97	39	<b>6260-1616</b>	82	72
31	1.1/4	1.1/4	-2020	<b>6060-2020</b>	65	25	<b>6050-2020</b>	43	49	<b>6270-2020</b>	124	44	<b>6260-2020</b>	105	88
35	1.3/8	1.1/2	-2224							<b>6270-2224</b>	118	52	<b>6260-2224</b>	100	106
38	1.1/2	1.1/2	-2424	<b>6060-2424</b>	72		<b>6050-2424</b>	50	59						
51	2	2	-3232	<b>6060-3232</b>	85		<b>6050-3232</b>	56	62	<b>6270-3232</b>	165	65	<b>6260-3232</b>	152	132

**NOTE:** Hose Compatibility for the 6000 series can be found on page 276.

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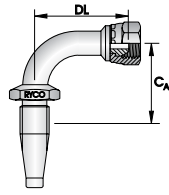
TECHNICAL

# COUPLINGS

## 6000 (600) SERIES FIELD ATTACHABLE INSERTS

**BSP**

**6210**  
(621)

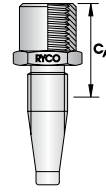
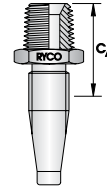


60° SEAT

**BSP**

**6860**  
(686M)

**6861**  
(686)



60° SEAT

HOSE SIZE	THRD SIZE	DASH SIZE	BSP FEMALE 90° LONG TUBE BEND			
DN	inch	inch		PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404	<b>6210-0404</b>	39	47
10	3/8	3/8	-0606	<b>6210-0606</b>	43	55
12	1/2	1/2	-0808	<b>6210-0808</b>	54	70
12	1/2	5/8	-0810	<b>6210-0810</b>	56	72
16	5/8	5/8	-1010	<b>6210-1010</b>	61	81
19	3/4	3/4	-1212	<b>6210-1212</b>	67	96
25	1	1	-1616	<b>6210-1616</b>	83	116
31	1.1/4	1.1/4	-2020	<b>6210-2020</b>	105	142

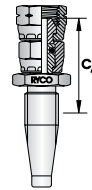
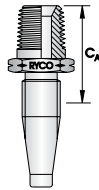
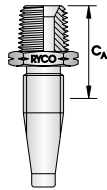
HOSE SIZE	THRD SIZE	DASH SIZE	GREASE LINE MALE		GREASE LINE FIXED FEMALE		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	1/2x27 TPI	-0408	<b>6860-0408</b>	32	<b>6861-0408</b>	32
10	3/8	1/2x27 TPI	-0608			<b>6861-0608</b>	29

**NPT**

**6090**  
(609)

**6091**  
(609E)

**6960B**  
(696)



60° SEAT

HOSE SIZE	THRD SIZE	DASH SIZE	NPT MALE		NPT MALE EXTENDED		NPSM FEMALE LIVE SWIVEL		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	1/8	-0402	<b>6090-0402</b>	31				
6	1/4	1/4	-0404	<b>6090-0404</b>	35			<b>6960B-0404</b>	50
6	1/4	3/8	-0406	<b>6090-0406</b>	35	<b>6091-0406</b>	43		
8	5/16	1/4	-0504	<b>6090-0504</b>	33				
8	5/16	3/8	-0506	<b>6090-0506</b>	35				
10	3/8	1/4	-0604	<b>6090-0604</b>	32			<b>6960B-0604</b>	46
10	3/8	3/8	-0606	<b>6090-0606</b>	32	<b>6091-0606</b>	40		
10	3/8	1/2	-0608	<b>6090-0608</b>	39				
12	1/2	3/8	-0806	<b>6090-0806</b>	38				
12	1/2	1/2	0808	<b>6090-0808</b>	43				
16	5/8	1/2	-1008	<b>6090-1008</b>	45				
16	5/8	3/4	-1012	<b>6090-1012</b>	45				
19	3/4	1/2	-1208	<b>6090-1208</b>	42				
19	3/4	3/4	-1212	<b>6090-1212</b>	42				
22	7/8	1	-1416	<b>6090-1416</b>	48				
25	1	1	-1616	<b>6090-1616</b>	54				
	1.1/8	1.1/4	-1820	<b>6090-1820</b>	58				
31	1.1/4	1.1/4	-2020	<b>6090-2020</b>	59				
35	1.3/8	1.1/2	-2224	<b>6090-2224</b>	51				
38	1.1/2	1.1/2	-2424	<b>6090-2424</b>	53				
51	2	2	-3232	<b>6090-3232</b>	66				

**NOTE:** These "Live Swivel" **6960B** Series Inserts are for Maximum Working Pressure: 420 bar (6000 psi) -04 Hose Size, 350 bar (5100 psi) -06 Hose Size  
Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

**NOTE:** Hose Compatibility for the **6000** series can be found on page 276.

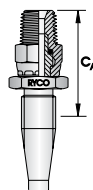
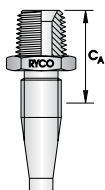
## 6000 (600) SERIES FIELD ATTACHABLE INSERTS

### GREASELINE BSP

**6010**  
(601)

**6320**  
(632)

60° SEAT  
FOR TPGL HOSE



HOSE SIZE		THRD SIZE	DASH SIZE	BSPT MALE		BSPT MALE SWIVEL	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
4	1/8	1/4	-0202	<b>6010-0202</b>		<b>6320-0202</b>	

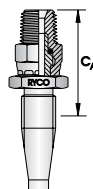
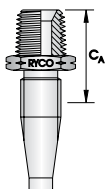
**NOTE:** For use with TPGL2 and P000-02. These "Live Swivel" 6320 Series Inserts are for Maximum Working Pressure: 420 bar (6100 psi) -02 Hose Size.

### GREASELINE NPT

**6090**  
(609)

**6320N**  
(632N)

60° SEAT  
FOR TPGL HOSE



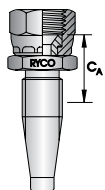
HOSE SIZE		THRD SIZE	DASH SIZE	NPTF MALE		NPTF MALE SWIVEL	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
4	1/8	1/8	-0202	<b>6090-0202</b>		<b>6320N-0202</b>	

**NOTE:** For use with TPGL2 and P000-02. These "Live Swivel" 6320 Series Inserts are for Maximum Working Pressure: 420 bar (6100 psi) -02 Hose Size.

### GREASELINE JIC

**6040**  
(604)

37° FLARE  
FOR TPGL HOSE



HOSE SIZE		THRD SIZE	DASH SIZE	JIC FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>
4	1/8	7/16	-0207	<b>6040-0207</b>	

**NOTE:** For use with TPGL2 and P000-02. These "Live Swivel" 6320 Series Inserts are for Maximum Working Pressure: 420 bar (6100 psi) -02 Hose Size.

**NOTE:** Hose Compatibility for the **6000** series can be found on page 276.

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HOSE

COUPLINGS

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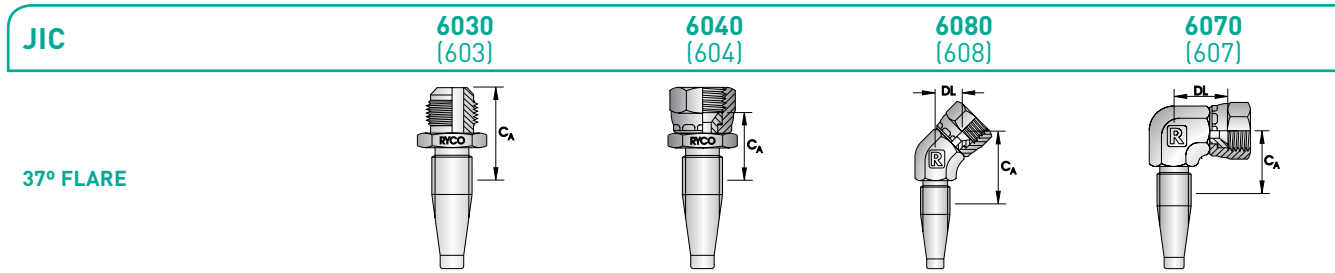
ACCESSORIES

FILTERS

TECHNICAL

# COUPLINGS

## 6000 (600) SERIES FIELD ATTACHABLE INSERTS



HOSE SIZE					JIC MALE		JIC FEMALE		JIC FEMALE 45° ELBOW			JIC FEMALE 90° ELBOW		
DN	inch	inch	inch	DASH SIZE	PART NO	CA	PART NO	CA	PART NO	CA	DL	PART NO	CA	DL
3	1/8	7/16	1/4	-0207			<b>6040-0207*</b>	23						
4	3/16	7/16	1/4	-0307	<b>6030-0307</b>	29	<b>6040-0307</b>	23						
6	1/4	7/16	1/4	-0407	<b>6030-0407</b>	35	<b>6040-0407</b>	29	<b>6080-0407</b>	38	14	<b>6070-0407</b>	27	18
6	1/4	1/2	5/16	-0408	<b>6030-0408</b>	35	<b>6040-0408</b>	29	<b>6080-0408</b>	38	14	<b>6070-0408</b>	27	18
6	1/4	9/16	3/8	-0409	<b>6030-0409</b>	35	<b>6040-0409</b>	29	<b>6080-0409</b>	38	14	<b>6070-0409</b>	27	22
6	1/4	3/4	1/2	-0412	<b>6030-0412</b>	35	<b>6040-0412</b>	31						
8	5/16	9/16	3/8	-0509			<b>6040-0509</b>	27						
10	3/8	7/16	1/4	-0607			<b>6040-0607</b>	26				<b>6070-0607</b>	26	23
10	3/8	1/2	5/16	-0608			<b>6040-0608</b>	26						
10	3/8	9/16	3/8	-0609	<b>6030-0609</b>	32	<b>6040-0609</b>	26	<b>6080-0609</b>	36	12	<b>6070-0609</b>	24	23
10	3/8	3/4	1/2	-0612	<b>6030-0612</b>	36	<b>6040-0612</b>	29	<b>6080-0612</b>	37	13	<b>6070-0612</b>	24	25
10	3/8	7/8	5/8	-0614	<b>6030-0614</b>	38	<b>6040-0614</b>	30						
12	1/2	9/16	3/8	-0809			<b>6040-0809</b>	34						
12	1/2	3/4	1/2	-0812	<b>6030-0812</b>	40	<b>6040-0812</b>	34	<b>6080-0812</b>	46	15	<b>6070-0812</b>	32	28
12	1/2	7/8	5/8	-0814	<b>6030-0814</b>	43	<b>6040-0814</b>	33	<b>6080-0814</b>	46	13	<b>6070-0814</b>	32	29
12	1/2	1.1/16	3/4	-0817	<b>6030-0817</b>	47	<b>6040-0817</b>	36	<b>6080-0817</b>	48	15	<b>6070-0817</b>	32	30
16	5/8	7/8	5/8	-1014	<b>6030-1014</b>	45	<b>6040-1014</b>	36	<b>6080-1014</b>	49	19	<b>6070-1014</b>	33	30
16	5/8	1.1/16	3/4	-1017	<b>6030-1017</b>	48	<b>6040-1017</b>	38	<b>6080-1017</b>	48	14	<b>6070-1017</b>	33	30
19	3/4	7/8	5/8	-1214			<b>6040-1214</b>	36						
19	3/4	1.1/16	3/4	-1217	<b>6030-1217</b>	46	<b>6040-1217</b>	36	<b>6080-1217</b>	48	15	<b>6070-1217</b>	32	30
19	3/4	1.3/16	7/8	-1219	<b>6030-1219</b>	47	<b>6040-1219</b>	38				<b>6070-1219</b>	31	35
19	3/4	1.5/16	1	-1221	<b>6030-1221</b>	49	<b>6040-1221</b>	39						
22	7/8	1.5/16	1	-1421			<b>6040-1421</b>	37						
25	1	1.1/16	3/4	-1617	<b>6030-1617</b>	52	<b>6040-1617</b>	43						
25	1	1.5/16	1	-1621	<b>6030-1621</b>	53	<b>6040-1621</b>	43	<b>6080-1621</b>	58	18	<b>6070-1621</b>	39	37
25	1	1.5/8	1.1/4	-1626	<b>6030-1626</b>	60	<b>6040-1626</b>	44						
29	1.1/8	1.5/8	1.1/4	-1826			<b>6040-1826</b>	50						
31	1.1/4	1.5/8	1.1/4	-2026	<b>6030-2026</b>	58	<b>6040-2026</b>	48	<b>6080-2026</b>	62	21	<b>6070-2026</b>	43	47
35	1.3/8	1.7/8	1.1/2	-2230			<b>6040-2230</b>	45						
38	1.1/2	1.7/8	1.1/2	-2430			<b>6040-2430</b>	50						
46	1.13/16	2.1/2	2	-2940			<b>6040-2940</b>	54						
51	2	2.1/2	2	-3240			<b>6040-3240</b>	62						

NOTE: \* 6040-0207 is for use with TPGL2 and P000-02

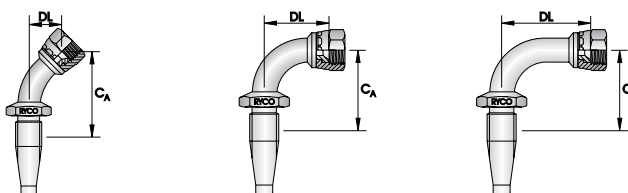
NOTE: Hose Compatibility for the 6000 series can be found on page 276.



## 6000 (600) SERIES FIELD ATTACHABLE INSERTS

### JIC 6250 (625) 6240 (624) 6280 (628)

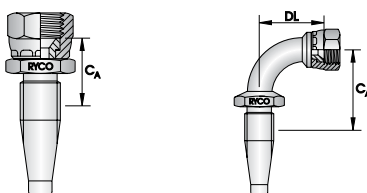
37° FLARE



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° TUBE BEND			JIC FEMALE 90° TUBE BEND			JIC FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
4	3/16	7/16	1/4	-0307	<b>6250-0307</b>	41	10	<b>6240-0307</b>	33	32			
6	1/4	7/16	1/4	-0407	<b>6250-0407</b>	45	10	<b>6240-0407</b>	38	32	<b>6280-0407</b>	39	47
6	1/4	1/2	5/16	-0408	<b>6250-0408</b>	45	12	<b>6240-0408</b>	38	32	<b>6280-0408</b>	39	47
6	1/4	9/16	3/8	-0409	<b>6250-0409</b>	45	12	<b>6240-0409</b>	38	38	<b>6280-0409</b>	39	54
8	5/16	9/16	3/8	-0509	<b>6250-0509</b>	42	11	<b>6240-0509</b>	45	38	<b>6280-0509</b>	48	55
10	3/8	9/16	3/8	-0609	<b>6250-0609</b>	42	11	<b>6240-0609</b>	44	38	<b>6280-0609</b>	41	55
10	3/8	3/4	1/2	-0612	<b>6250-0612</b>	48	15	<b>6240-0612</b>	44	41	<b>6280-0612</b>	44	64
12	1/2	3/4	1/2	-0812	<b>6250-0812</b>	60	15	<b>6240-0812</b>	56	41	<b>6280-0812</b>	53	62
12	1/2	7/8	5/8	-0814	<b>6250-0814</b>	62	18	<b>6240-0814</b>	56	47	<b>6280-0814</b>	53	70
16	5/8	7/8	5/8	-1014	<b>6250-1014</b>	65	19	<b>6240-1014</b>	63	48	<b>6280-1014</b>	62	70
16	5/8	1.1/16	3/4	-1017	<b>6250-1017</b>	65	24	<b>6240-1017</b>	63	58	<b>6280-1017</b>	62	96
19	3/4	1.1/16	3/4	-1217	<b>6250-1217</b>	77	22	<b>6240-1217</b>	68	57	<b>6280-1217</b>	53	96
19	3/4	1.3/16	7/8	-1219	<b>6250-1219</b>	76	24	<b>6240-1219</b>	68	58			
19	3/4	1.5/16	1	-1221	<b>6250-1221</b>	84	28	<b>6240-1221</b>	70	71			
22	7/8	1.5/16	1	-1421	<b>6250-1421</b>	94	30	<b>6240-1421</b>	76	72			
25	1	1.1/16	3/4	-1617				<b>6240-1617</b>	77	58			
25	1	1.5/16	1	-1621	<b>6250-1621</b>	99	30	<b>6240-1621</b>	83	72	<b>6280-1621</b>	91	114
29	1.1/8	1.5/8	1.1/4	-1826				<b>6240-1826</b>	103	81			
31	1.1/4	1.5/8	1.1/4	-2026	<b>6250-2026</b>	118	39	<b>6240-2026</b>	106	81	<b>6280-2026</b>	104	129
35	1.3/8	1.7/8	1.1/2	-2230	<b>6250-2230</b>	130	50	<b>6240-2230</b>	120	104			
38	1.1/2	1.7/8	1.1/2	-2430	<b>6250-2430</b>	138	50				<b>6280-2430</b>	119	141

### JIS 6120 (612) 6311 (631)

JAPANESE INDUSTRIAL STANDARD (JIS)  
BSPP THREAD FORM  
60° CONCAVE SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	BSPP FEMALE 60° CONCAVE SEAT (JIS)		BSPP FEMALE 60° CONCAVE SEAT (JIS) 90° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404	<b>6120-0404</b>	31			
10	3/8	3/8	-0606	<b>6120-0606</b>	29	<b>6311-0606</b>	44	30
12	1/2	1/2	-0808	<b>6120-0808</b>	33			
19	3/4	3/4	-1212	<b>6120-1212</b>	36			
25	1	1	-1616	<b>6120-1616</b>	43			

**NOTE:** These 6120 and 6310 Series inserts are also listed in the BSP section on page 279.

**NOTE:** Hose Compatibility for the 6000 series can be found on page 276.

INTRODUCTION

HOSE

COUPLINGS

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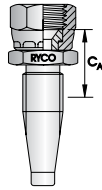
# COUPLINGS

## 6000 (600) SERIES FIELD ATTACHABLE INSERTS

**JIS**

**6680**  
(668)

JAPANESE INDUSTRIAL  
STANDARD (JIS)  
"KOMATSU"  
METRIC THREAD FORM  
60° CONCAVE SEAT



HOSE SIZE		THRD SIZE	DASH SIZE	METRIC FEMALE 60 CONCAVE SEAT (JIS)	
DN	inch	mm		PART NO	C <sub>A</sub>
6	1/4	14x1,5	-0414	<b>6680-0414</b>	33
10	3/8	18x1,5	-0618	<b>6680-0618</b>	27
10	3/8	22x1,5	-0622	<b>6680-0622</b>	30
12	1/2	22x1,5	-0822	<b>6680-0822</b>	33
12	1/2	24x1,5	-0824	<b>6680-0824</b>	33
16	5/8	24x1,5	-1024	<b>6680-1024</b>	37
16	5/8	30x1,5	-1030	<b>6680-1030</b>	37
19	3/4	24x1,5	-1224	<b>6680-1224</b>	36
19	3/4	30x1,5	-1230	<b>6680-1230</b>	36
19	3/4	33x1,5	-1233	<b>6680-1233</b>	39
25	1	33x1,5	-1633	<b>6680-1633</b>	41

**NOTE:** These 6680 Series inserts are also listed in the METRIC section on page 285.

**METRIC**

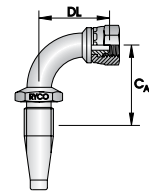
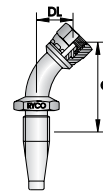
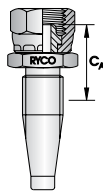
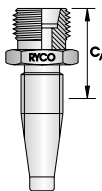
**6650**  
(665)

**6600**  
(660)

**6660**  
(666)

**6670**  
(667)

DKL  
METRIC (LIGHT)  
RYCO DKL FEMALE SWIVELS UP TO  
M26 SIZE HAVE MULTISEAL DKL  
24° AND DKM 60° CONE.  
M30 AND OVER HAVE DKL  
24° CONE ONLY.



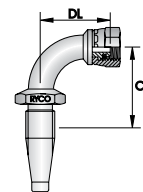
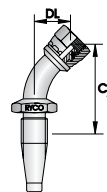
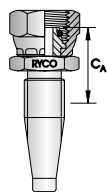
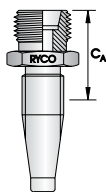
HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	DKL MALE 24° CONE	DKL FEMALE 24°/60° CONE	DKL FEMALE 24°/60° CONE 45° TUBE BEND		DKL FEMALE 24°/60° CONE 90° TUBE BEND					
DN	inch	mm	mm		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	12x1,5	6	-0412	<b>6650-0412</b>	31	<b>6600-0412</b>	34	<b>6660-0412</b>	49	18	<b>6670-0412</b>	36	31
6	1/4	14x1,5	8	-0414	<b>6650-0414</b>	31	<b>6600-0414</b>	34	<b>6660-0414</b>	48	17	<b>6670-0414</b>	39	31
6	1/4	16x1,5	10	-0416			<b>6600-0416</b>	35						
10	3/8	16x1,5	10	-0616	<b>6650-0616</b>	29	<b>6600-0616</b>	32	<b>6660-0616</b>	54	20	<b>6670-0616</b>	44	35
10	3/8	18x1,5	12	-0618	<b>6650-0618</b>	29	<b>6600-0618</b>	34	<b>6660-0618</b>	54	20	<b>6670-0618</b>	44	35
12	1/2	18x1,5	12	-0818	<b>6650-0818</b>	33								
12	1/2	22x1,5	15	-0822	<b>6650-0822</b>	34	<b>6600-0822</b>	38	<b>6660-0822</b>	67	22	<b>6670-0822</b>	56	44
12	1/2	26x1,5	18	-0826	<b>6650-0826</b>	34	<b>6600-0826</b>	39	<b>6660-0826</b>	66	23	<b>6670-0826</b>	56	53
16	5/8	26x1,5	18	-1026	<b>6650-1026</b>	36	<b>6600-1026</b>	43	<b>6660-1026</b>	73	28	<b>6670-1026</b>	63	53
19	3/4	30x2,0	22	-1230	<b>6650-1230</b>	35	<b>6600-1230</b>	43	<b>6660-1230</b>	43	30	<b>6670-1230</b>	69	64
25	1	36x2,0	28	-1636	<b>6650-1636</b>	43	<b>6600-1636</b>	47	<b>6660-1636</b>	102	42	<b>6670-1636</b>	85	72

**NOTE:** Hose Compatibility for the 6000 series can be found on page 276.

## 6000 (600) SERIES FIELD ATTACHABLE INSERTS

### METRIC 6630 [663] 6711 [671] 6720 [672] 6730 [673]

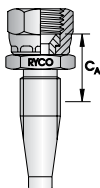
**DKS/DKOS  
METRIC O RING (HEAVY)  
24° CONE**



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	DKS MALE 24° CONE	DKOS FEMALE 24° CONE	DKOS FEMALE 24° CONE 45° TUBE BEND	DKOS FEMALE 24° CONE 90° TUBE BEND							
<b>DN</b>	<b>inch</b>	<b>mm</b>	<b>mm</b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>DL</b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	<b>DL</b>	
6	1/4	16x1,5	8	-0416	<b>6630-0416</b>	33	<b>6711-0416</b>	34	<b>6720-0416</b>	48	17	<b>6730-0416</b>	41	30
6	1/4	18x1,5	10	-0418	<b>6630-0418</b>	33	<b>6711-0418</b>	34	<b>6720-0418</b>	47	17	<b>6730-0418</b>	41	32
10	3/8	20x1,5	12	-0620	<b>6630-0620</b>	29	<b>6711-0620</b>	33	<b>6720-0620</b>	55	20	<b>6730-0620</b>	45	36
10	3/8	22x1,5	14	-0622	<b>6630-0622</b>	33	<b>6711-0622</b>	36	<b>6720-0622</b>	56	19	<b>6730-0622</b>	45	37
12	1/2	24x1,5	16	-0824	<b>6630-0824</b>	36	<b>6711-0824</b>	40	<b>6720-0824</b>	69	24	<b>6730-0824</b>	55	48
19	3/4	30x2,0	20	-1230	<b>6630-1230</b>	40	<b>6711-1230</b>	44	<b>6720-1230</b>	87	35	<b>6730-1230</b>	68	67
19	3/4	36x2,0	25	-1236	<b>6630-1236</b>	44	<b>6711-1236</b>	47	<b>6720-1236</b>	92	35	<b>6730-1236</b>	68	67
25	1	42x2,0	30	-1642	<b>6630-1642</b>	49	<b>6711-1642</b>	49						
31	1.1/4	52x2,0	38	-2052			<b>6711-2052</b>	59						

### METRIC 6680 [668]

**JAPANESE INDUSTRIAL  
STANDARD (JIS)  
"KOMATSU"  
METRIC THREAD FORM  
60° CONCAVE SEAT**



HOSE SIZE	THRD SIZE	DASH SIZE	METRIC FEMALE 60° CONCAVE SEAT (JIS)		
<b>DN</b>	<b>inch</b>	<b>inch</b>	<b>PART NO</b>	<b>C<sub>A</sub></b>	
6	1/4	14x1,5	-0414	<b>6680-0414</b>	33
10	3/8	18x1,5	-0618	<b>6680-0618</b>	27
10	3/8	22x1,5	-0622	<b>6680-0622</b>	30
12	1/2	22x1,5	-0822	<b>6680-0822</b>	33
12	1/2	24x1,5	-0824	<b>6680-0824</b>	33
16	5/8	24x1,5	-1024	<b>6680-1024</b>	37
16	5/8	30x1,5	-1030	<b>6680-1030</b>	37
19	3/4	24x1,5	-1224	<b>6680-1224</b>	36
19	3/4	30x1,5	-1230	<b>6680-1230</b>	36
19	3/4	33x1,5	-1233	<b>6680-1233</b>	39
25	1	33x1,5	-1633	<b>6680-1633</b>	41

**NOTE:** These 6680 Series inserts are also listed in the JIS section on page 284.

**NOTE:** Hose Compatibility for the 6000 series can be found on page 276.

INTRODUCTION  
 HOSE  
 COUPLINGS  
 ADAPTORS  
 ACCESSORIES  
 FILTERS  
 TECHNICAL

# COUPLINGS

## 6000 (600) SERIES FIELD ATTACHABLE INSERTS

### ORFS

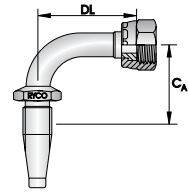
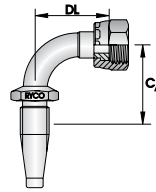
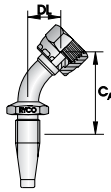
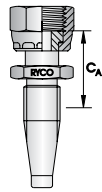
**6800**  
(680)

**6810**  
(681)

**6820**  
(682)

**6830**  
(683)

O RING  
FACE SEAL



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE	ORFS FEMALE 45° TUBE BEND	ORFS FEMALE 90° TUBE BEND	ORFS FEMALE 90° LONG BEND								
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
4	3/16	9/16	1/4	-0309	<b>6800-0309</b>	32	<b>6810-0309</b>	46	18	<b>6820-0309</b>	35	32	<b>6830-0309</b>	35	47
6	1/4	9/16	1/4	-0409	<b>6800-0409</b>	38	<b>6810-0409</b>	51	18	<b>6820-0409</b>	40	32	<b>6830-0409</b>	41	47
6	1/4	11/16	3/8	-0411	<b>6800-0411</b>	40	<b>6810-0411</b>	51	19	<b>6820-0411</b>	46	38	<b>6830-0411</b>	40	54
8	5/16	11/16	3/8	-0511	<b>6800-0511</b>	38	<b>6810-0511</b>	55	20	<b>6820-0511</b>	44	38	<b>6830-0511</b>	41	54
10	3/8	11/16	3/8	-0611	<b>6800-0611</b>	36	<b>6810-0611</b>	54	20	<b>6820-0611</b>	43	38	<b>6830-0611</b>	40	54
10	3/8	13/16	1/2	-0613	<b>6800-0613</b>	39	<b>6810-0613</b>	49	17	<b>6820-0613</b>	43	41	<b>6830-0613</b>	42	64
12	1/2	13/16	1/2	-0813	<b>6800-0813</b>	41	<b>6810-0813</b>	62	19	<b>6820-0813</b>	54	41	<b>6830-0813</b>	53	65
12	1/2	1	5/8	-0816	<b>6800-0816</b>	47	<b>6810-0816</b>	62	20	<b>6820-0816</b>	57	47	<b>6830-0816</b>	58	70
16	5/8	1	5/8	-1016	<b>6800-1016</b>	49	<b>6810-1016</b>	74	20	<b>6820-1016</b>	62	47	<b>6830-1016</b>	65	70
16	5/8	1.3/16	3/4	-1019	<b>6800-1019</b>	52	<b>6810-1019</b>	74	24	<b>6820-1019</b>	62	58	<b>6830-1019</b>	63	96
19	3/4	1.3/16	3/4	-1219	<b>6800-1219</b>	50	<b>6810-1219</b>	76	29	<b>6820-1219</b>	66	59	<b>6830-1219</b>	71	96
19	3/4	1.7/16	1	-1223	<b>6800-1223</b>	61	<b>6810-1223</b>	78	26	<b>6820-1223</b>	71	53	<b>6830-1223</b>	70	114
22	7/8	1.7/16	1	-1423	<b>6800-1423</b>	59	<b>6810-1423</b>	100	34	<b>6820-1423</b>	79	71	<b>6830-1423</b>	87	113
25	1	1.7/16	1	-1623	<b>6800-1623</b>	65	<b>6810-1623</b>	125	45	<b>6820-1623</b>	85	71	<b>6830-1623</b>	93	113
31	1.1/4	1.11/16	1.1/4	-2027	<b>6800-2027</b>	72	<b>6810-2027</b>	125	45	<b>6820-2027</b>	105	90	<b>6830-2027</b>	107	129

### SAE

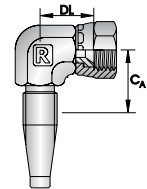
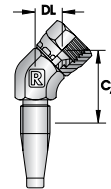
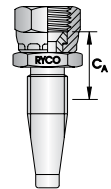
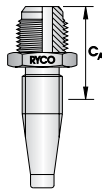
**6530**  
(653)

**6540**  
(654)

**6580**  
(658)

**6570**  
(657)

45° FLARE



HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	SAE MALE	SAE FEMALE	SAE FEMALE 45° ELBOW	SAE FEMALE 90° ELBOW							
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
4	3/16	7/16	1/4	-0307		<b>6540-0307</b>	23							
6	1/4	7/16	1/4	-0407		<b>6540-0407</b>	29							
6	1/4	1/2	5/16	-0408		<b>6540-0408</b>	29							
6	1/4	5/8	3/8	-0410	<b>6530-0410</b>	37	<b>6540-0410</b>	29						
8	5/16	5/8	3/8	-0510	<b>6530-0510</b>	33	<b>6540-0510</b>	27						
10	3/8	1/2	5/16	-0608	<b>6530-0608</b>	32	<b>6540-0608</b>	26	<b>6580-0608</b>	35	10	<b>6570-0608</b>	26	22
10	3/8	5/8	3/8	-0610	<b>6530-0610</b>	33	<b>6540-0610</b>	26	<b>6580-0610</b>	36	11	<b>6570-0610</b>	24	23
10	3/8	3/4	1/2	-0612		<b>6540-0612</b>	29							
12	1/2	3/4	1/2	-0812		<b>6540-0812</b>	32							
12	1/2	7/8	5/8	-0814		<b>6540-0814</b>	32							
19	3/4	1.1/16	3/4	-1217		<b>6540-1217</b>	36							

**NOTE:** Hose Compatibility for the 6000 series can be found on page 276.

## 6000 (600) SERIES FIELD ATTACHABLE INSERTS

INTRODUCTION

HOSE

COUPLINGS

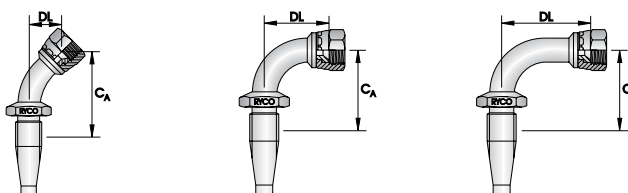
ADAPTORS

ACCESSORIES

FILTERS

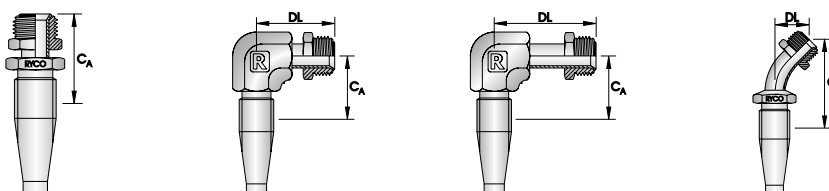
TECHNICAL

<b>SAE</b>	<b>6550</b> (655)	<b>6560</b> (656)	<b>6563</b> (656L)
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**45° FLARE**


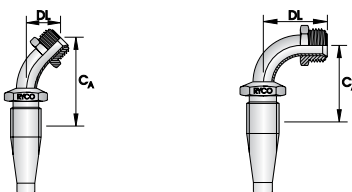
HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	SAE FEMALE 45° TUBE BEND			SAE FEMALE 90° TUBE BEND			SAE FEMALE 90° LONG TUBE BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
4	3/16	7/16	1/4	-0307	<b>6550-0307</b>	40	15	<b>6560-0307</b>	33	32			
8	5/16	5/8	3/8	-0510	<b>6550-0510</b>	51	17	<b>6560-0510</b>	44	38			
10	3/8	1/2	5/16	-0608	<b>6550-0608</b>	49	15						
10	3/8	5/8	3/8	-0610	<b>6550-0610</b>	56	17	<b>6560-0610</b>	43	38	<b>6563-0610</b>	43	55

<b>SAE</b>	<b>6740</b> (674)	<b>6780</b> (678)	<b>6790</b> (679)	<b>6750</b> (675)
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**INVERTED MALE FLARE**


HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE			SAE INVERTED MALE FLARE 90° ELBOW			SAE INVERTED MALE FLARE 90° EXTENDED ELBOW			SAE INVERTED MALE FLARE 45° TUBE BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	<b>6740-0407</b>	50										
8	5/16	5/8	3/8	-0510	<b>6740-0510</b>	47								<b>6750-0510</b>	84	23
10	3/8	5/8	3/8	-0610	<b>6740-0610</b>	47		<b>6780-0610</b>	26	32	<b>6790-0610</b>	26	60	<b>6750-0610</b>	83	23
10	3/8	11/16	7/16	-0611	<b>6740-0611</b>	50		<b>6780-0611</b>	26	36						

<b>SAE</b>	<b>6760</b> (676)	<b>6770</b> (677)
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**INVERTED MALE FLARE**


HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE 60° TUBE BEND			SAE INVERTED MALE FLARE 90° TUBE BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	<b>6760-0407</b>	72	29	<b>6770-0407</b>	53	38
8	5/16	5/8	3/8	-0510				<b>6770-0510</b>	62	50
10	3/8	5/8	3/8	-0610				<b>6770-0610</b>	61	50

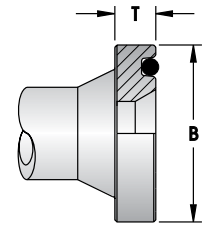
**NOTE:** Hose Compatibility for the **6000** series can be found on page 276.

# COUPLINGS

## 6000 (600) SERIES FIELD ATTACHABLE INSERTS

### DIMENSIONS FOR SAE CODE 61 AND CODE 62 FLANGES, AND RYCO CODE 62C FLANGES

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495	79,4	3.13	14,20	0.559
2.1/2	84,1	3.31	9,53	0.375								
3	101,6	4.00	9,53	0.375								



**NOTE:** \*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.  
RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

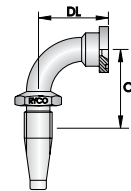
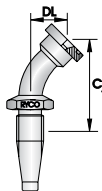
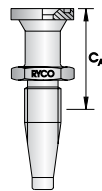
### SAE FLANGE

**6130**  
(613)

**6150**  
(615)

**6170**  
(617)

CLAMPS - SEE PAGES 345 & 346  
\*(5/8 KOMATSU)  
O RING NOT SUPPLIED



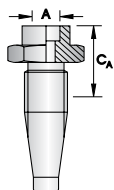
HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND
DN	inch	inch		PART NO	PART NO	PART NO
12	1/2	1/2	-0808	<b>6130-0808</b>	<b>6150-0808</b>	<b>6170-0808</b>
12	1/2	3/4	-0812	<b>6130-0812</b>	<b>6150-0812</b>	<b>6170-0812</b>
16	5/8	*5/8	-1010	<b>6130-1010</b>	<b>6150-1010</b>	<b>6170-1010</b>
19	3/4	3/4	-1212	<b>6130-1212</b>	<b>6150-1212</b>	<b>6170-1212</b>
19	3/4	1	-1216	<b>6130-1216</b>	<b>6150-1216</b>	<b>6170-1216</b>
19	3/4	1.1/4	-1220	<b>6130-1220</b>	<b>6150-1220</b>	<b>6170-1220</b>
25	1	3/4	-1612			<b>6170-1612</b>
25	1	1	-1616	<b>6130-1616</b>	<b>6150-1616</b>	<b>6170-1616</b>
25	1	1.1/4	-1620	<b>6130-1620</b>	<b>6150-1620</b>	<b>6170-1620</b>
25	1	1.1/2	-1624	<b>6130-1624</b>	<b>6150-1624</b>	<b>6170-1624</b>
31	1.1/4	1	-2016	<b>6130-2016</b>	<b>6150-2016</b>	<b>6170-2016</b>
31	1.1/4	1.1/4	-2020	<b>6130-2020</b>	<b>6150-2020</b>	<b>6170-2020</b>
31	1.1/4	1.1/2	-2024	<b>6130-2024</b>	<b>6150-2024</b>	<b>6170-2024</b>
38	1.1/2	1.1/2	-2424	<b>6130-2424</b>	<b>6150-2424</b>	<b>6170-2424</b>
38	1.1/2	2	-2432	<b>6130-2432</b>		<b>6170-2432</b>
51	2	2	-3232	<b>6130-3232</b>	<b>6150-3232</b>	<b>6170-3232</b>

**NOTE:** Hose Compatibility for the **6000** series can be found on page 276.

## 6000 (600) SERIES FIELD ATTACHABLE INSERTS

### SALVAGE 6230 (623)

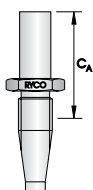
TUBE WELD



HOSE SIZE		A	DASH SIZE	SALVAGE (LIVESAVER)	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>6230-0404</b>	28
6	1/4	3/8	-0406	<b>6230-0406</b>	28
8	5/16	3/8	-0506	<b>6230-0506</b>	26
10	3/8	3/8	-0606	<b>6230-0606</b>	24
10	3/8	1/2	-0608	<b>6230-0608</b>	24
12	1/2	1/2	-0808	<b>6230-0808</b>	29
12	1/2	5/8	-0810	<b>6230-0810</b>	29
12	1/2	3/4	-0812	<b>6230-0812</b>	29
16	5/8	5/8	-1010	<b>6230-1010</b>	31
16	5/8	3/4	-1012	<b>6230-1012</b>	31
19	3/4	3/4	-1212	<b>6230-1212</b>	30
19	3/4	1	-1216	<b>6230-1216</b>	34
22	7/8	1	-1416	<b>6230-1416</b>	32
25	1	3/4	-1612	<b>6230-1612</b>	37
25	1	1	-1616	<b>6230-1616</b>	39
25	1	1.1/4	-1620	<b>6230-1620</b>	40
29	1.1/8	1.1/4	-1820	<b>6230-1820</b>	40
31	1.1/4	1.1/4	-2020	<b>6230-2020</b>	44
35	1.3/8	1.1/2	-2224	<b>6230-2224</b>	33
38	1.1/2	1.1/2	-2424	<b>6230-2424</b>	39
38	2	2	-3232	<b>6230-3232</b>	50

### STANDPIPE 6180 (618)

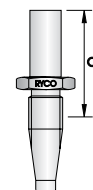
IMPERIAL



HOSE SIZE		TUBE SIZE	DASH SIZE	IMPERIAL STANDPIPE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	5/16	-0405	<b>6180-0405</b>	43
6	1/4	3/8	-0406	<b>6180-0406</b>	44
10	3/8	3/8	-0606	<b>6180-0606</b>	41
10	3/8	1/2	-0608	<b>6180-0608</b>	41
12	1/2	1/2	-0808	<b>6180-0808</b>	52
12	1/2	5/8	-0810	<b>6180-0810</b>	52
16	5/8	3/4	-1012	<b>6180-1012</b>	60
19	3/4	3/4	-1212	<b>6180-1212</b>	66
19	3/4	7/8	-1214	<b>6180-1214</b>	66
25	1	1	-1616	<b>6180-1616</b>	70
31	1.1/4	1.1/4	-2020	<b>6180-2020</b>	81

### STANDPIPE 6640 (664)

METRIC

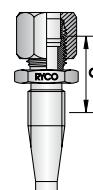


HOSE SIZE		TUBE SIZE	DASH SIZE	METRIC STANDPIPE	
DN	inch	mm		PART NO	C <sub>A</sub>
6	1/4	6	-0406	<b>6640-0406</b>	43
6	1/4	8	-0408	<b>6640-0408</b>	43
6	1/4	10	-0410	<b>6640-0410</b>	44
10	3/8	10	-0610	<b>6640-0610</b>	40
10	3/8	12	-0612	<b>6640-0612</b>	40
10	3/8	14	-0614	<b>6640-0614</b>	46
12	1/2	15	-0815	<b>6640-0815</b>	47
12	1/2	16	-0816	<b>6640-0816</b>	52
16	5/8	16	-1016	<b>6640-1016</b>	54
19	3/4	20	-1220	<b>6640-1220</b>	60
19	3/4	22	-1222	<b>6640-1222</b>	52
25	1	30	-1630	<b>6640-1630</b>	74

**NOTE:** See page 337 for DKL and DKS Metric Nuts and Olives for use with Metric Standpipe Fittings.

### TUBE BITE 6850 (685)

COMPLETE WITH NUT AND FLARELESS OLIVE



HOSE SIZE		TUBE SIZE	DASH SIZE	TUBE BITE	
DN	inch	inch		PART NO	C <sub>A</sub>
10	3/8	3/8	-0606	<b>6850-0606</b>	32

**NOTE:** Hose Compatibility for the 6000 series can be found on page 276.

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# COUPLINGS

## 6000 (600) SERIES FIELD ATTACHABLE INSERTS

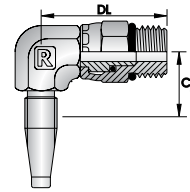
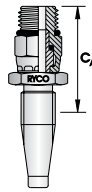
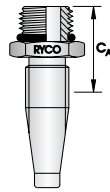
### UNO (O RING BOSS)

**6200**  
[620]

**6380**  
[638]

**6390**  
[639]

O RING SUPPLIED



HOSE SIZE		THRD SIZE	TUBE SIZE	DASH SIZE	UN O RING MALE	UN O RING MALE SWIVEL	UN O RING MALE SWIVEL 90° ELBOW				
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
6	1/4	9/16	3/8	-0409	<b>6200-0409</b>	31	<b>6380-0409</b>	44	<b>6390-0409</b>	27	35
6	1/4	3/4	1/2	-0412					<b>6390-0412</b>	28	49
10	3/8	9/16	3/8	-0609	<b>6200-0609</b>	27			<b>6390-0609</b>	25	38
10	3/8	3/4	1/2	-0612	<b>6200-0612</b>	30	<b>6380-0612</b>	47	<b>6390-0612</b>	24	41
10	3/8	7/8	5/8	-0614	<b>6200-0614</b>	32			<b>6390-0614</b>	24	38
12	1/2	3/4	1/2	-0812	<b>6200-0812</b>	33			<b>6390-0812</b>	32	43
12	1/2	7/8	5/8	-0814	<b>6200-0814</b>	35	<b>6380-0814</b>	51	<b>6390-0814</b>	32	40
12	1/2	1.1/16	3/4	-0817	<b>6200-0817</b>	39					
16	5/8	7/8	5/8	-1014	<b>6200-1014</b>	37	<b>6380-1014</b>	53			
16	5/8	1.1/16	3/4	-1017	<b>6200-1017</b>	41					
16	5/8	1.5/16	1	-1021	<b>6200-1021</b>	43					
19	3/4	1.1/16	3/4	-1217	<b>6200-1217</b>	39					
19	3/4	1.5/16	1	-1221	<b>6200-1221</b>	41					
25	1	1.1/16	3/4	-1617	<b>6200-1617</b>	50					
25	1	1.3/16	7/8	-1619	<b>6200-1619</b>	45					
25	1	1.5/16	1	-1621	<b>6200-1621</b>	45					

**NOTE:** These "Live Swivel" **6380** and **6390** Series Inserts are for Maximum Working Pressure: 350 bar (5100 psi): -09 & -12 Thread Size, 280 bar (4100 psi): -14 & -17 Thread Size. Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

**NOTE:** Hose Compatibility for the **6000** series can be found on page 276.