

■ Ryco T4000 Series Hose End Catalog



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

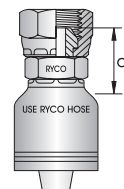
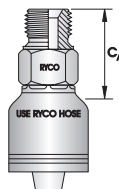
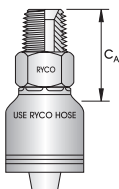
T4010 (T401)

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 _A	PART NO	C _A	PART NO	C _A	PART NO	C _A
	1/8	1/8	-0202					T4320-0202			
5	3/16	1/4	-0304	T4010-0304	30					T4020-0304	21
6	1/4	1/4	-0404	T4010-0404	30	T4013-0404	27			T4020-0404	24
8	5/16	1/4	-0504	T4010-0504	30					T4020-0504	22
10	3/8	1/4	-0604	T4010-0604	30					T4020-0604	22
10	3/8	3/8	-0606	T4010-0606	33	T4013-0606	33			T4020-0606	24
10	3/8	1/2	-0608	T4010-0608	38	T4013-0608	32			T4020-0608	27
12	1/2	3/8	-0806	T4010-0806	35						
12	1/2	1/2	-0808	T4010-0808	40	T4013-0808	31			T4020-0808	26
12	1/2	3/4	-0812							T4020-0812	30
16	5/8	5/8	-1010							T4020-1010	26
16	5/8	3/4	-1012	T4010-1012	41					T4020-1012	28
19	3/4	3/4	-1212	T4010-1212	41	T4013-1212	40			T4020-1212	28
25	1	1	-1616	T4010-1616	48	T4013-1616	45			T4020-1616	33
31	1.1/4	1.1/4	-2020	T4010-2020	53	T4013-2020	51			T4020-2020	43
38	1.1/2	1.1/2	-2424	T4010-2424	55					T4020-2424	45
51	2	2	-3232	T4010-3232	66					T4020-3232	54

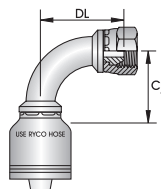
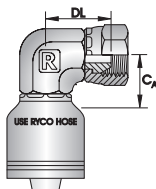
NOTE: This "Live Swivel" T4320 Series Insert is for Maximum Working Pressure: 420 bar (6100 psi): -02 Thread Size. Its swivel capability is to allow easy installation and orientation and avoid twisting of hose. It is not designed for continuous rotation or continuous movement.

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 _A	DL	PART NO	C _A	DL
6	1/4	1/4	-0404				T4260-0404	27	29
10	3/8	3/8	-0606				T4260-0606	35	33
10	3/8	1/2	-0608				T4260-0608	34	33
12	1/2	3/8	-0806				T4260-0808	40	45
12	1/2	1/2	-0808	T4050-0808	29	31			
12	1/2	3/4	-0812				T4260-1010	49	50
16	5/8	3/4	-1012				T4260-1212	55	58
19	3/4	3/4	-1212				T4260-1616	67	77

HIGHER TECHNOLOGY EQUALS GREATER PERFORMANCE

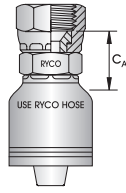
COUPLINGS

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 _A
6	1/4	1/4	-0404	T4120-0404	21
10	3/8	3/8	-0606	T4120-0606	25
10	3/8	1/2	-0608	T4120-0608	26
12	1/2	1/2	-0808	T4120-0808	27
19	3/4	3/4	-1212	T4120-1212	26

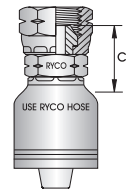
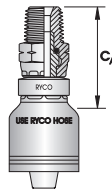
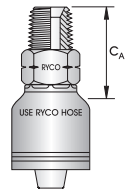
NPT

T4090
(T409)

T4320N
(T432N)

T4020N
(T402N)

60° SEAT

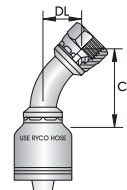
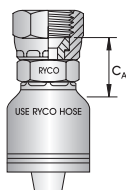
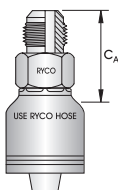


HOSE SIZE		THRD SIZE	DASH SIZE	NPT MALE	NPTF MALE SWIVEL	NPSM FEMALE			
DN	inch	inch		PART NO	C _A	PART NO	C _A	PART NO	C _A
5	3/16	1/8	-0302	T4090-0302	24				
5	3/16	1/4	-0304	T4090-0304	30				
6	1/4	1/8	-0402	T4090-0402	25				
6	1/4	1/4	-0404	T4090-0404	30			T4020N-0404	24
8	5/16	1/4	-0504	T4090-0504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

T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

JIC	T4030 (T403)	T4040 (T404)	T4250 (T425)
------------	-------------------------	-------------------------	-------------------------

37° FLARE



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

COUPLINGS

T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

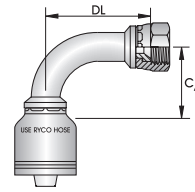
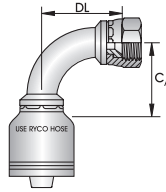
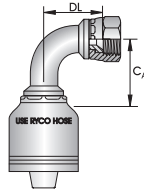
JIC

T4243
(T424S)

T4240
(T424)

T4280
(T428)

37° FLARE

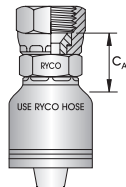


HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 90° SHORT BEND			JIC FEMALE 90° MEDIUM BEND			JIC FEMALE 90° LONG BEND		
DN	inch	inch	inch	PART NO	C _A	DL	PART NO	C _A	DL	PART NO	C _A	DL
5	3/16	7/16	1/4	-0307			T4240-0307	26	32			
6	1/4	7/16	1/4	-0407	T4243-0407	27	T4240-0407	26	32			
6	1/4	1/2	5/16	-0408			T4240-0408	26	32			
6	1/4	9/16	3/8	-0409	T4243-0409	27	T4240-0409	26	38			
8	5/16	9/16	3/8	-0509			T4240-0509	35	38	T4280-0509	36	55
10	3/8	9/16	3/8	-0609	T4243-0609	31	T4240-0609	35	38	T4280-0609	30	55
10	3/8	3/4	1/2	-0612			T4240-0612	35	41	T4280-0612	57	64
12	1/2	3/4	1/2	-0812	T4243-0812	43	T4240-0812	41	38			
12	1/2	7/8	5/8	-0814			T4240-0814	41	47			
16	5/8	1.1/16	3/4	-1017			T4240-1017	48	58			
19	3/4	1.1/16	3/4	-1217			T4240-1217	55	57			
25	1	1.5/16	1	-1621			T4240-1621	68	73			
29	1.1/8	1.5/8	1.1/4	-1826			T4240-1826	88	81			
31	1.1/4	1.5/8	1.1/4	-2026			T4240-2026	88	81			
51	2	2.1/2	2	-3240			T4240-3240	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 _A	
6	1/4	1/4	-0404	T4120-0404	21
10	3/8	3/8	-0606	T4120-0606	25
10	3/8	1/2	-0608	T4120-0608	26
12	1/2	1/2	-0808	T4120-0808	27
19	3/4	3/4	-1212	T4120-1212	26

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

T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

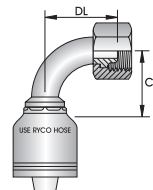
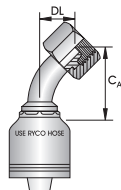
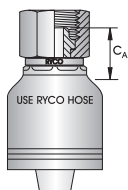
METRIC

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
DN	inch	mm	mm	PART NO	C _A	DL
10	3/8	16x1,5	10	-0616	T4600-0616	23
10	3/8	18x1,5	12	-0618	T4600-0618	23
10	3/8	22x1,5	15	-0622	T4600-0622	26
19	3/4	30x2,0	22	-1230	T4600-1230	26

ORFS

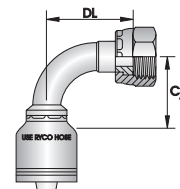
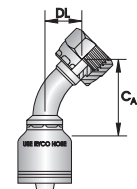
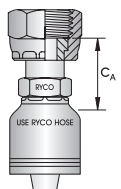
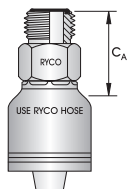
T4840
(T484)

T4800
(T480)

T4810
(T481)

T4820
(T482)

O RING
FACE SEAL



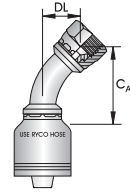
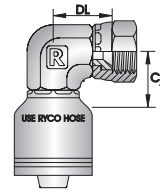
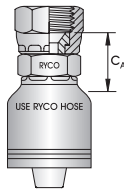
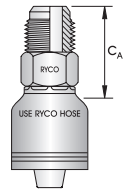
HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	ORFS MALE	ORFS FEMALE	ORFS FEMALE 45° TUBE BEND	ORFS FEMALE 90° MEDIUM BEND							
DN	inch	inch	inch	PART NO	C _A	DL	PART NO	C _A	DL					
6	1/4	9/16	1/4	-0409	T4840-0409	25	T4800-0409	28	T4810-0409	39	18	T4820-0409	26	32
6	1/4	11/16	3/8	-0411	T4840-0411	26	T4800-0411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

COUPLINGS

T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

SAE	T4530 (T453)	T4540 (T454)	T4570 (T457)	T4550 (T455)
------------	------------------------	------------------------	------------------------	------------------------

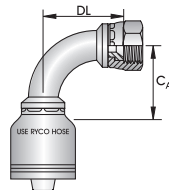
45° FLARE



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 _A	PART NO	C _A	PART NO	C _A	DL	PART NO	C _A	DL	
6	1/4	5/8	3/8	-0410		T4540-0410	21							
8	5/16	5/8	3/8	-0510	T4530-0510	33	T4540-0510	20			T4550-0510	38	17	
10	3/8	5/8	3/8	-0610	T4530-0610	34	T4540-0610	20	T4570-0610	23	23	T4550-0610	38	17

SAE	T4560 (T456)
------------	------------------------

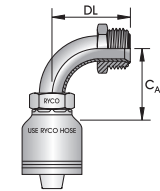
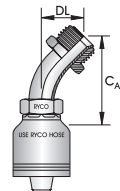
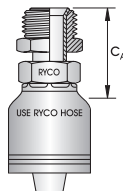
45° FLARE



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

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

INVERTED MALE FLARE

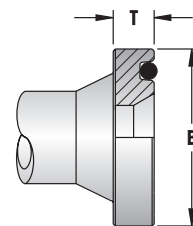


HOSE SIZE	THRD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE	SAE INVERTED MALE FLARE 45° TUBE BEND	SAE INVERTED MALE FLARE 90° TUBE BEND						
DN	inch	inch	inch	PART NO	C _A	PART NO	C _A	DL	PART NO	C _A	DL	
8	5/16	5/8	3/8	-0510	T4740-0510	41	T4750-0510	74	23	T4770-0510	56	50
10	3/8	5/8	3/8	-0610	T4740-0610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

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.

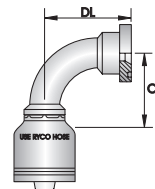
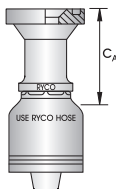
SAE FLANGE

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 _A	PART NO	C _A	DL	PART NO	C _A	DL
19	3/4	3/4	-1212	T4130-1212	46	T4150-1212	65	26	T4170-1212	55	54
19	3/4	1	-1216	T4130-1216	50						
25	1	1	-1616	T4130-1616	52	T4150-1616	81	30	T4170-1616	68	68
25	1	1.1/4	-1620	T4130-1620	57						
31	1.1/4	1.1/4	-2020	T4130-2020	59	T4150-2020	100	36	T4170-2020	88	78
31	1.1/4	1.1/2	-2024	T4130-2024	85						
38	1.1/2	1.1/2	-2424	T4130-2424	85	T4150-2424	115	42	T4170-2424	104	93
38	1.1/2	2	-2432	T4130-2432	95						
51	2	2	-3232	T4130-3232	95	T4150-3232	150	58	T4170-3232	140	130

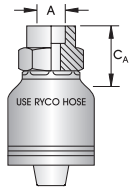
COUPLINGS

T4000 (T400) SERIES BITELOK ONE-PIECE CRIMP COUPLINGS

SALVAGE

T4230
(T423)

TUBE
WELD

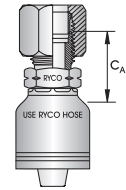


HOSE SIZE		A	DASH SIZE	SALVAGE (LIFESAVER)	
DN	inch	inch		PART NO	C _A
8	5/16	3/8	-0506	T4230-0506	18
10	3/8	3/8	-0606	T4230-0606	19
12	1/2	1/2	-0808	T4230-0808	19
16	5/8	3/4	-1012	T4230-1012	21
19	3/4	3/4	-1212	T4230-1212	21
25	1	1	-1616	T4230-1616	27
31	1.1/4	1.1/4	-2020	T4230-2020	31
38	1.1/2	1.1/2	-2424	T4230-2424	34
51	2	2	-3232	T4230-3232	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 _A
10	3/8	3/8	-0606	T4850-0606	30