



TEXT OR CALL @ (303) 945-9080

HOSES

Crimp Specifications

HOSE CRIMPERS

HYDRAULIC HOSES

HYDRAULIC HOSE ASSEMBLY

THERMOPLASTIC HOSES

TRUCK/AUTOMOTIVE HOSES

SPECIALTY HOSES

HOSE PROTECTION



Crimp Specifications

Machining tolerances exist for each crimper, die set and supporting piece of equipment which will affect your actual setting. Always check the crimp diameter to ensure that it is within the published limits. Using a caliper make two measurement in opposite directions. Measure halfway between the ridges. Be sure caliper blades DO NOT touch ridges.

Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
R1S					
R1S-04	Standard/Braided - 1/4	1/4	0.575	14.605	Crimp to knurl
R1S-04	Bite to Wire (W Style) - 1/4	1/4	0.655	16.637	Full Crimp
R1S-04	43 Series (P43) - 1/4	1/4	0.655	16.637	Full Crimp
R1S-06	Standard/Braided - 3/8	3/8	0.735	18.669	Crimp to knurl
R1S-06	Bite to Wire (W Style) - 3/8	3/8	0.79	20.066	Full Crimp
R1S-06	43 Series (P43) - 3/8	3/8	0.835	21.209	Full Crimp
R1S-08	Standard/Braided - 1/2	1/2	0.85	21.59	Crimp to knurl
R1S-08	Bite to Wire (W Style) - 1/2	1/2	0.92	23.368	Full Crimp
R1S-08	43 Series (P43) - 1/2	1/2	0.955	24.257	Full Crimp
R1S-10	Standard/Braided - 5/8	5/8	0.995	25.273	Crimp to knurl
R1S-10	Bite to Wire (W Style) - 5/8	5/8	1.07	27.178	Full Crimp
R1S-10	43 Series (P43) - 5/8	5/8	1.07	27.178	Full Crimp
R1S-12	Standard/Braided - 3/4	3/4	1.115	28.321	Crimp to knurl
R1S-12	Bite to Wire (W Style) - 3/4	3/4	1.215	30.861	Full Crimp
R1S-12	43 Series (P43) - 3/4	3/4	1.255	31.877	Full Crimp
R1S-16	Standard/Braided - 1"	1	1.43	36.322	Crimp to knurl
R1S-16	Bite to Wire (W Style) - 1"	1	1.625	41.275	Full Crimp
R1S-16	43 Series (P43) - 1"	1	1.60	40.64	Full Crimp
R1S-20	Standard/Braided - 1-1/4	1-1/4	1.830	46.482	Crimp to knurl
R1S-20	Bite to Wire (W Style) - 1-1/4	1-1/4	1.965	49.911	Full Crimp
R1S-24	Bite to Wire (W Style) - 1-1/2	1-1/2	2.340	59.436	Full Crimp

Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
R2S					
R2S-04	Standard/Braided - 1/4	1/4	0.645	16.383	Crimp to knurl
R2S-04	Bite to Wire (W Style) - 1/4	1/4	0.695	17.653	Full Crimp
R2S-04	43 Series (P43) - 1/4	1/4	0.695	17.653	Full Crimp
R2S-06	Standard/Braided - 3/8	3/8	0.815	20.701	Crimp to knurl
R2S-06	Bite to Wire (W Style) - 3/8	3/8	0.85	21.59	Full Crimp
R2S-06	43 Series (P43) - 3/8	3/8	0.875	22.225	Full Crimp
R2S-08	Standard/Braided - 1/2	1/2	0.91	23.114	Crimp to knurl
R2S-08	Bite to Wire (W Style) - 1/2	1/2	0.97	24.638	Full Crimp
R2S-08	43 Series (P43) - 1/2	1/2	0.995	25.273	Full Crimp
R2S-10	Standard/Braided - 5/8	5/8	1.03	26.162	Crimp to knurl
R2S-10	Bite to Wire (W Style) - 5/8	5/8	1.2	30.48	Full Crimp
R2S-10	43 Series (P43) - 5/8	5/8	1.11	28.194	Full Crimp
R2S-12	Standard/Braided - 3/4	3/4	1.19	30.226	Crimp to knurl
R2S-12	Bite to Wire (W Style) - 3/4	3/4	1.285	32.639	Full Crimp
R2S-12	43 Series (P43) - 3/4	3/4	1.295	32.893	Full Crimp
R2S-16	Standard/Braided - 1"	1"	1.507	38.2778	Crimp to knurl
R2S-16	Bite to Wire (W Style) - 1"	1"	1.665	42.291	Full Crimp
R2S-16	43 Series (P43) - 1"	1"	1.64	41.656	Full Crimp
R2S-20	Standard/Braided - 1-1/4	1-1/4	1.908	48.4632	Crimp to knurl
R2S-20	Bite to Wire (W Style) - 1-1/4	1-1/4	2.06	52.324	Full Crimp
R2S-24	Bite to Wire (W Style) - 1-1/2	1-1/2	2.40	60.96	Full Crimp
R2S-32	Bite to Wire (W Style) - 2"	2"	2.87	72.898	Full Crimp

ADAPTERS

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STAINLESS FITTINGS

STAINLESS HOSE FITTINGS

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O RING KITS

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STAINLESS TUBING

STAINLESS SANITARY TUBING

STAINLESS STEAMLESS PIPE

WELDED PIPE

METRIC TUBING

Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
R16S					
R16S-04	Standard/Braided - 1/4	1/4	0.616	15.6464	Crimp to knurl
R16S-04	Bite to Wire (W Style) - 1/4	1/4	0.67	17.018	Full Crimp
R16S-04	43 Series (P43) - 1/4	1/4	.6555	16.637	Full Crimp
R16S-06	Standard/Braided - 3/8	3/8	0.77	18.796	Crimp to knurl
R16S-06	Bite to Wire (W Style) - 3/8	3/8	0.815	20.701	Full Crimp
R16S-06	43 Series (P43) - 3/8	3/8	.835	21.209	Full Crimp
R16S-08	Standard/Braided - 1/2	1/2	0.86	21.844	Crimp to knurl
R16S-08	Bite to Wire (W Style) - 1/2	1/2	0.945	24.003	Full Crimp
R16S-08	43 Series (P43) - 1/2	1/2	.955	24.257	Full Crimp
R16S-10	Standard/Braided - 5/8	5/8	1.00	25.40	Crimp to knurl
R16S-10	Bite to Wire (W Style) - 5/8	5/8	1.178	29.921	Full Crimp
R16S-10	43 Series (P43) - 5/8	5/8	1.07	27.178	Full Crimp
R16S-12	Standard/Braided - 3/4	3/4	1.13	28.702	Crimp to knurl
R16S-12	Bite to Wire (W Style) - 3/4	3/4	1.23	31.242	Full Crimp
R16S-12	43 Series (P43) - 3/4	3/4	1.255	31.877	Full Crimp
R16S-16	Standard/Braided - 1"	1"	1.425	36.195	Crimp to knurl
R16S-16	Bite to Wire (W Style) - 1"	1"	1.555	39.497	Full Crimp
R16S-16	43 Series (P43) - 1"	1"	1.6	40.64	Full Crimp
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
R17					
R17-04	Standard/Braided - 1/4	1/4	0.565	14.351	Crimp to knurl
R17-04	Bite to Wire (W Style) - 1/4	1/4	0.625	15.875	Full Crimp
R17-04	43 Series (P43) - 1/4	1/4	0.655	16.637	Full Crimp
R17-06	Standard/Braided - 3/8	3/8	0.725	18.415	Crimp to knurl
R17-06	Bite to Wire (W Style) - 3/8	3/8	0.779	19.7866	Full Crimp
R17-06	43 Series (P43) - 3/8	3/8	0.835	21.209	Full Crimp
R17-08	Standard/Braided - 1/2	1/2	0.84	21.336	Crimp to knurl
R17-08	Bite to Wire (W Style) - 1/2	1/2	0.95	24.13	Full Crimp
R17-08	43 Series (P43) - 1/2	1/2	.955	24.257	Full Crimp
R17-10	Standard/Braided - 5/8	5/8	0.995	25.273	Crimp to knurl
R17-10	Bite to Wire (W Style) - 5/8	5/8	1.17	29.718	Full Crimp
R17-10	43 Series (P43) - 5/8	5/8	1.07	29.718	Full Crimp
R17-12	Standard/Braided - 3/4	3/4	1.16	29.464	Crimp to knurl
R17-12	Bite to Wire (W Style) - 3/4	3/4	1.275	32.385	Full Crimp
R17-12	43 Series (P43) - 3/4	3/4	1.255	31.877	Full Crimp
R17-16	Bite to Wire (W Style) - 1"	1"	1.564	39.7256	Full Crimp
R17-16	43 Series (P43) - 1"	1"	1.6	40.64	Full Crimp
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
R12					
R12-06	Bite to Wire (W Style) - 3/8 (06)	3/8	0.87	22.098	Full Crimp
R12-08	Bite to Wire (W Style) - 1/2 (08)	1/2	1.01	25.654	Full Crimp
R12-12	Bite to Wire (W Style) - 3/4 (12)	3/4	1.32	33.528	Full Crimp
R12-12	WHP-3/4 (12)	3/4	1.43	36.322	Full Crimp
R12-16	Bite to Wire (W Style) - 1" (16)	1"	1.63	41.402	Full Crimp
R12-16	WHP-1" (16)	1"	1.71	43.434	Full Crimp
R12-20	Bite to Wire (W Style) - 1-1/4 (20)	1-1/4	2.045	51.943	Full Crimp
R12-20	JJ-STYLE - 1-1/4 (20)	1-1/4	1.975	50.165	Full Crimp
R12-24	Bite to Wire (W Style) - 1-1/2 (24)	1-1/2	2.375	60.325	Full Crimp
R12-24	JJ-STYLE - 1-1/2 (24)	1-1/2	2.23	56.642	Full Crimp
R12-32	Bite to Wire (W Style) - 2" (32)	2"	2.885	73.279	Full Crimp
R12-32	JJ-STYLE - 2" (32)	2"	2.835	72.009	Full Crimp
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
4SH					
4SH-12	Bite to Wire (W Style) - 3/4 (12)	3/4	1.32**		Full Crimp
4SH-12	WHP-3/4 (12)	3/4	1.43	36.322	Full Crimp
4SH-16	Bite to Wire (W Style) - 1" (16)	1"	1.63	41.402	Full Crimp
4SH-16	WHP-1" (16)	1"	1.74	44.196	Full Crimp
4SH-20	Bite to Wire (W Style) - 1-1/4 (20)	1-1/4	1.99	50.546	Full Crimp
4SH-20	JJ-STYLE - 1-1/4 (20)	1-1/4	1.943	49.3522	Full Crimp
4SH-24	Bite to Wire (W Style) - 1-1/2 (24)	1-1/2	2.39	60.706	Full Crimp

4SH-24	JJ-STYLE - 1-1/2 (24)	1-1/2	2.195	55.753	Full Crimp
4SH-32	JJ-STYLE - 2" (32)	2"	2.84	72.136	Full Crimp
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
R13					
R13-12	Bite to Wire (W Style) - 3/4 (12)	3/4	1.335	33.909	Full Crimp
R13-12	WHP-3/4 (12)	3/4	1.49	37.846	Full Crimp
R13-16	Bite to Wire (W Style) - 1" (16)	1"	1.645	41.783	Full Crimp
R13-16	WHP-1" (16)	1"	1.74	44.196	Full Crimp
R13-20	JJ-STYLE - 1-1/4 (20)	1-1/4	2.05	52.07	Full Crimp
R13-24	JJ-STYLE - 1-1/2 (24)	1-1/2	2.32	58.928	Full Crimp
R13-32	JJ-STYLE - 2" (32)	2"	2.98	75.692	Full Crimp
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
R15					
R15-12	WHP-3/4 (12)	3/4	1.432	36.3728	Full Crimp
R15-16	WHP-1" (16)	1"	1.74	44.196	Full Crimp
R15-20	JJ-STYLE - 1-1/4 (20)	1-1/4	2.075	52.705	Full Crimp
R15-24	JJ-STYLE - 1-1/2 (24)	1-1/2	2.345	59.563	Full Crimp
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
R4					
R4-12	Standard/Braided - 3/4	3/4	1.233	31.3182	Crimp to knurl
R4-16	Standard/Braided - 1"	1"	1.466	37.2364	Crimp to knurl
R4-20	Standard/Braided - 1-1/4	1-1/4	1.78	45.212	Crimp to knurl
R4-24	Bite to Wire (W Style) - 1-1/2	1-1/2			N/A
R4-32	Bite to Wire (W Style) - 2"	2"			N/A
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
Stainless Teflon Hose					
R115-04	SST-3/16 (03)	R115-04	0.331	8.4074	CRIMP TO LINE
R115-05	SST-1/4 (04)	R115-05	0.47	11.938	Crimp to knurl
R115-06	SST-5/16 (05)	R115-06	0.546	13.8684	Crimp to knurl
R115-06T	SST-3/8 (06)	R115-06T	0.58	14.732	Crimp to knurl
R115-08	SST-7/16 (07)	R115-08	0.65	16.51	Crimp to knurl
R115-10	SST-1/2 (08)	R115-10	0.715	18.161	Crimp to knurl
R115-12	SST-5/8 (10)	R115-12	0.865	21.971	Crimp to knurl
R115-12T	SST-3/4 (12)	R115-12T	1.015	25.781	Crimp to knurl
R115-16T	SST-1" (16)	R115-16T	1.27	32.258	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
Barrier Refrigerant Hose					
BH-06	BL-06	3/8	0.684	17.3736	MIDDLE OF SHELL
BH-08	BL-08	1/2	0.785	19.939	MIDDLE OF SHELL
BH-10	BL-10	5/8	0.905	22.987	MIDDLE OF SHELL
BH-12	BL-12	3/4	1.05	26.67	MIDDLE OF SHELL
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
Jack Hose					
4HJK	Standard/Braided - 1/4	1/4	0.634	16.1036	Crimp to knurl
6HJK	Standard/Braided - 3/8	3/8	0.785	19.939	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
Tuff Cover 2 Wire Hydraulic Hose					
TF-04	Standard/Braided - 1/4	1/4	0.6	15.24	Crimp to knurl
TF-04	Bite to Wire (W Style) - 1/4	1/4	0.66	16.764	
TF-06	Standard/Braided - 3/8	3/8	0.75	19.05	Crimp to knurl
TF-06	Bite to Wire (W Style) - 3/8	3/8	0.8	20.32	Full Crimp
TF-08	Standard/Braided - 1/2	1/2	0.86	21.844	Crimp to knurl
TF-08	Bite to Wire (W Style) - 1/2	1/2	0.95	24.13	Full Crimp
TF-10	Standard/Braided - 5/8	5/8	1.006	25.5524	Crimp to knurl
TF-10	Bite to Wire (W Style) - 5/8	5/8	1.17	29.718	Full Crimp
TF-12	Standard/Braided - 3/4	3/4	1.151	29.2354	Crimp to knurl
TF-12	Bite to Wire (W Style) - 3/4	3/4	1.24	31.496	Full Crimp
TF-16	Standard/Braided - 1"	1"	1.455	36.957	Crimp to knurl
TF-16	Bite to Wire (W Style) - - 1"	1"	1.545	39.243	Full Crimp
TF-04	43 Series(P43)	1/4"	0.655	16.637	Full Crimp
TF-06	43 Series(P43)	3/8"	0.835	21.209	Full Crimp

TF-08	43 Series(P43)	1/2"	0.955	24.257	Full Crimp
TF-10	43 Series(P43)	5/8"	1.07	27.178	Full Crimp
TF-12	43 Series(P43)	3/4"	1.255	31.877	Full Crimp
TF-16	43 Series(P43)	1"	1.6	40.64	Full Crimp
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
R5					
R5-04	STD R5-3/16 (03)	R5-04	0.535	13.589	Crimp to knurl
R5-05	Standard/Braided - 1/4	R5-05	0.66	16.764	Crimp to knurl
R5-06	STD R5-5/16 (05)	R5-06	0.725	18.415	Crimp to knurl
R5-08	STD R5-7/16 (07)	R5-08	0.83	21.082	Crimp to knurl
R5-10	Standard/Braided - 1/2	R5-10	0.917	23.2918	Crimp to knurl
R5-12	Standard/Braided - 5/8	R5-12	1.035	26.289	Crimp to knurl
R5-16	STD R5-7/8 (14)	R5-16	1.24	31.496	Crimp to knurl
R5-20	STD R5-1-1/8 (18)	R5-20	1.533	38.9382	Crimp to knurl
R5-24	STD R5-1-3/8 (22)	R5-24	1.73	43.942	Crimp to knurl
R5-32	STD R5-1-13/16 (29)	R5-32	2.225	56.515	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
High Pressure Tuff Cover Hose					
KTSF-12	WHP	3/4"	1.46	37.084	
KTSF-16	WHP	1"	1.739	44.1706	
KTSF-20	JJ	1-1/4"		0	
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
Pressure Wash Hose					
PW-06	Standard/Braided - 3/8	3/8"	0.705	17.907	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (Inches)	Crimp Diameter (Inches)	Crimp Diameter (mm)	Die Position
R7- Thermoplastic Hose					
R7-02	R7	1/8"			
R7-03	Standard/Braided - 3/16	3/16"	0.495	12.573	Crimp to knurl
R7-04	Standard/Braided - 1/4	1/4"	0.555	14.097	Crimp to knurl
R7-05	Standard/Braided - 5/16	5/16"	0.630	16.002	Crimp to knurl
R7-06	Standard/Braided - 3/8	3/8"	0.720	18.288	Crimp to knurl
R7-08	Standard/Braided - 1/2	1/2"	0.850	21.59	Crimp to knurl
R7-12	Standard/Braided - 3/4	3/4"	1.120	28.448	Crimp to knurl

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NEWSLETTER



