

Crimp Specifications - Page 1 of 3

Hose Series	Hose Type	Hose Size	Coupling Series	Coupling Type	Crimp Diameter (mm)	Crimp Diameter (inch)	Crimp Position	Die	Approx. Scale Setting	Rev. Date
4816-0050	STEAM	1/2"	12XX-08	1-piece	25.9	1.020	Full	23	2.9	4/1/2021
4816-0075	STEAM	3/4"	12XX-12	1-piece	32.5	1.280	Full	31	1.5	4/1/2021
4816-0100	STEAM	1"	12XX-16	1-piece	40.8	1.606	Full	39	1.8	4/1/2021
4816-0125	STEAM	1-1/4"	12XX-20	1-piece	48.6	1.913	Full	45	3.6	4/1/2021
4816-0150	STEAM	1-1/2"	12XX-24	1-piece	61.3	2.413	Full	57	4.3	4/1/2021
4816-0200	STEAM	2"	12XX-32	1-piece	72.6	2.858	Full	69	3.6	4/1/2021
4183-0075	WASHDOWN	3/4"	12XX-12	1-piece	32.6	1.283	Full	31	1.6	4/1/2021
4183-0100	WASHDOWN	1"	12XX-16	1-piece	41.0	1.614	Full	39	2.0	4/1/2021
5010-03	SAE 100R1	3/16"	12XX-03	1-piece	14.2	0.559	Full	12	N/A	4/1/2021
5010-04	SAE100R1	1/4"	12XX-04	1-piece	16.6	0.654	Full	16	N/A	4/1/2021
5010-05	SAE100R1	5/16"	12XX-05	1-piece	18.3	0.720	Full	16	N/A	4/1/2021
5010-06	SAE100R1	3/8"	12XX-06	1-piece	21.2	0.835	Full	19	N/A	4/1/2021
5010-08	SAE100R1	1/2"	12XX-08	1-piece	24.2	0.953	Full	23	N/A	4/1/2021
5010-10	SAE100R1	5/8"	12XX-10	1-piece	27.2	1.071	Full	27	N/A	4/1/2021
5010-12	SAE100R1	3/4"	12XX-12	1-piece	31.9	1.256	Full	31	N/A	4/1/2021
5010-16	SAE100R1	1"	12XX-16	1-piece	40.6	1.598	Full	39	N/A	4/1/2021
5010-20	SAE100R1	1-1/4"	12XX-20	1-piece	50.3	1.980	Full	50	N/A	4/1/2021
5010-24	SAE100R1	1-1/2"	12XX-24	1-piece	58.4	2.299	Full	57	N/A	4/1/2021
5010-32	SAE100R1	2"	12XX-32	1-piece	69.7	2.744	Full	63	N/A	4/1/2021
5011-04	SAE100R1	1/4"	12XX-04	1-piece	16.6	0.654	Full	16	N/A	4/1/2021
5011-05	SAE100R1	5/16"	12XX-05	1-piece	18.3	0.720	Full	16	N/A	4/1/2021
5011-06	SAE100R1	3/8"	12XX-06	1-piece	21.2	0.835	Full	19	N/A	4/1/2021
5011-08	SAE100R1	1/2"	12XX-08	1-piece	24.2	0.953	Full	23	N/A	4/1/2021
5011-12	SAE100R1	3/4"	12XX-12	1-piece	31.9	1.256	Full	31	N/A	4/1/2021
5011-16	SAE100R1	1"	12XX-16	1-piece	40.6	1.598	Full	39	N/A	4/1/2021
5012-04	SAE100R1	1/4"	12XX-04	1-piece	16.6	0.654	Full	16	N/A	4/1/2021
5012-05	SAE100R1	5/16"	12XX-05	1-piece	18.3	0.720	Full	16	N/A	4/1/2021
5012-06	SAE100R1	3/8"	12XX-06	1-piece	21.2	0.835	Full	19	N/A	4/1/2021
5012-08	SAE100R1	1/2"	12XX-08	1-piece	24.2	0.953	Full	23	N/A	4/1/2021
5012-10	SAE100R1	5/8"	12XX-10	1-piece	27.2	1.071	Full	27	N/A	4/1/2021
5012-12	SAE100R1	3/4"	12XX-12	1-piece	31.9	1.256	Full	31	N/A	4/1/2021
5012-16	SAE100R1	1"	12XX-16	1-piece	40.6	1.598	Full	39	N/A	4/1/2021
5012-20	SAE100R1	1-1/4"	12XX-20	1-piece	50.3	1.980	Full	50	N/A	4/1/2021
5012-24	SAE100R1	1-1/2"	12XX-24	1-piece	58.4	2.299	Full	57	N/A	4/1/2021
5012-32	SAE100R1	2"	12XX-32	1-piece	69.7	2.744	Full	63	N/A	4/1/2021
5020-04	SAE100R2	1/4"	12XX-04	1-piece	17.6	0.693	Full	16	N/A	4/1/2021
5020-05	SAE100R2	5/16"	12XX-05	1-piece	19.3	0.760	Full	19	N/A	4/1/2021
5020-06	SAE100R2	3/8"	12XX-06	1-piece	22.2	0.874	Full	19	N/A	4/1/2021
5020-08	SAE100R2	1/2"	12XX-08	1-piece	25.2	0.992	Full	23	N/A	4/1/2021
5020-10	SAE100R2	5/8"	12XX-10	1-piece	28.2	1.110	Full	27	N/A	4/1/2021
5020-12	SAE100R2	3/4"	12XX-12	1-piece	32.9	1.295	Full	31	N/A	4/1/2021
5020-16	SAE100R2	1"	12XX-16	1-piece	41.6	1.638	Full	39	N/A	4/1/2021
5020-20	SAE100R2	1-1/4"	12XX-20	1-piece	51.3	2.020	Full	50	N/A	4/1/2021
5020-24	SAE100R2	1-1/2"	12XX-24	1-piece	59.4	2.339	Full	57	N/A	4/1/2021
5020-32	SAE100R2	2"	12XX-32	1-piece	70.7	2.783	Full	69	N/A	4/1/2021
5021-04	SAE100R2	1/4"	12XX-04	1-piece	17.6	0.693	Full	16	N/A	4/1/2021
5021-05	SAE100R2	5/16"	12XX-05	1-piece	19.3	0.760	Full	19	N/A	4/1/2021
5021-06	SAE100R2	3/8"	12XX-06	1-piece	22.2	0.874	Full	19	N/A	4/1/2021
5021-08	SAE100R2	1/2"	12XX-08	1-piece	25.2	0.992	Full	23	N/A	4/1/2021
5021-12	SAE100R2	3/4"	12XX-12	1-piece	32.9	1.295	Full	31	N/A	4/1/2021
5021-16	SAE100R2	1"	12XX-16	1-piece	41.6	1.638	Full	39	N/A	4/1/2021

NOTES: Crimp scale settings are approximate.

The setting required to achieve the specified crimp diameter may be different depending on many factors including calibration and condition of the crimper. Crimp diameters specified must be met to +/- 0.005" (+/- 0.12 mm) to perform correctly on the indicated hose. All crimps should be positioned in the dies to achieve a full crimp covering the complete ferrule during crimp.

The picture at right demonstrates a representative location for all dies.



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Hose Series	Hose Type	Hose Size	Coupling Series	Coupling Type	Crimp Diameter (mm)	Crimp Diameter (inch)	Crimp Position	Die	Approx. Scale Setting	Rev. Date
5022-04	SAE100R2	1/4"	12XX-04	1-piece	17.6	0.693	Full	16	N/A	4/1/2021
5022-05	SAE100R2	5/16"	12XX-05	1-piece	19.3	0.760	Full	19	N/A	4/1/2021
5022-06	SAE100R2	3/8"	12XX-06	1-piece	22.2	0.874	Full	19	N/A	4/1/2021
5022-08	SAE100R2	1/2"	12XX-08	1-piece	25.2	0.992	Full	23	N/A	4/1/2021
5022-10	SAE100R2	5/8"	12XX-10	1-piece	28.2	1.110	Full	27	N/A	4/1/2021
5022-12	SAE100R2	3/4"	12XX-12	1-piece	32.9	1.295	Full	31	N/A	4/1/2021
5022-16	SAE100R2	1"	12XX-16	1-piece	41.6	1.638	Full	39	N/A	4/1/2021
5022-20	SAE100R2	1-1/4"	12XX-20	1-piece	51.3	2.020	Full	50	N/A	4/1/2021
5022-24	SAE100R2	1-1/2"	12XX-24	1-piece	59.4	2.339	Full	57	N/A	4/1/2021
5022-32	SAE100R2	2"	12XX-32	1-piece	70.7	2.783	Full	69	N/A	4/1/2021
5040-12	SAE 100R4	3/4"	12XX-12	1-piece	33.7	1.325	Full	31	N/A	4/1/2021
5040-16	SAE 100R4	1"	12XX-16	1-piece	40.6	1.600	Full	39	N/A	4/1/2021
5040-20	SAE 100R4	1-1/4"	12XX-20	1-piece	48.3	1.900	Full	45	N/A	4/1/2021
5040-24	SAE 100R4	1-1/2"	12XX-24	1-piece	57.2	2.250	Full	57	N/A	4/1/2021
5040-32	SAE 100R4	2"	12XX-32	1-piece	69.2	2.725	Full	69	N/A	4/1/2021
5120-06	SAE100R12	3/8"	40XX-06	1-piece	24.4	0.961	Full	23	N/A	4/1/2021
5120-08	SAE100R12	1/2"	40XX-08	1-piece	28.2	1.110	Full	27	N/A	4/1/2021
5120-10	SAE100R12	5/8"	40XX-10	1-piece	31.2	1.228	Full	31	N/A	4/1/2021
5120-12	SAE100R12	3/4"	40XX-12	1-piece	34.6	1.362	Full	34	N/A	4/1/2021
5120-16	SAE100R12	1"	40XX-16	1-piece	43.3	1.705	Full	39	N/A	4/1/2021
5120-20	SAE100R12	1-1/4"	40XX-20	1-piece	51.7	2.035	Full	50	N/A	4/1/2021
5120-24	SAE100R12	1-1/2"	40XX-24	1-piece	58.4	2.299	Full	57	N/A	4/1/2021
5122-06	SAE100R12	3/8"	40XX-06	1-piece	24.4	0.961	Full	23	N/A	4/1/2021
5122-08	SAE100R12	1/2"	40XX-08	1-piece	28.2	1.110	Full	27	N/A	4/1/2021
5122-10	SAE100R12	5/8"	40XX-10	1-piece	31.2	1.228	Full	31	N/A	4/1/2021
5122-12	SAE100R12	3/4"	40XX-12	1-piece	34.6	1.362	Full	34	N/A	4/1/2021
5122-16	SAE100R12	1"	40XX-16	1-piece	43.3	1.705	Full	39	N/A	4/1/2021
5122-20	SAE100R12	1-1/4"	40XX-20	1-piece	51.7	2.035	Full	50	N/A	4/1/2021
5122-24	SAE100R12	1-1/2"	40XX-24	1-piece	58.4	2.299	Full	57	N/A	4/1/2021
5130-12	SAE100R13	3/4"	60XX-12	1-piece	35.3	1.390	Full	34	N/A	4/1/2021
5130-16	SAE100R13	1"	60XX-16	1-piece	43.2	1.701	Full	39	N/A	4/1/2021
5130-20	SAE100R13	1-1/4"	60XX-20	1-piece	53.6	2.110	Full	50	N/A	4/1/2021
5132-12	SAE100R13	3/4"	60XX-12	1-piece	35.3	1.390	Full	34	N/A	4/1/2021
5132-16	SAE100R13	1"	60XX-16	1-piece	43.2	1.701	Full	39	N/A	4/1/2021
5132-20	SAE100R13	1-1/4"	60XX-20	1-piece	54.6	2.150	Full	50	N/A	4/1/2021
5152-12	SAE100R15	3/4"	60XX-12	1-piece	35.3	1.390	Full	34	N/A	4/1/2021
5152-16	SAE100R15	1"	60XX-16	1-piece	43.2	1.701	Full	39	N/A	4/1/2021
5152-20	SAE100R15	1-1/4"	60XX-20	1-piece	54.6	2.150	Full	50	N/A	4/1/2021
5160-04	SAE100R16	1/4"	12XX-04	1-piece	16.8	0.661	Full	16	N/A	4/1/2021
5160-05	SAE100R16	5/16"	12XX-05	1-piece	18.5	0.728	Full	16	N/A	4/1/2021
5160-06	SAE100R16	3/8"	12XX-06	1-piece	21.1	0.831	Full	19	N/A	4/1/2021
5160-08	SAE100R16	1/2"	12XX-08	1-piece	24.5	0.965	Full	23	N/A	4/1/2021
5160-10	SAE100R16	5/8"	12XX-10	1-piece	27.5	1.083	Full	27	N/A	4/1/2021
5160-12	SAE100R16	3/4"	12XX-12	1-piece	32.1	1.264	Full	31	N/A	4/1/2021
5160-16	SAE100R16	1"	12XX-16	1-piece	40.6	1.598	Full	39	N/A	4/1/2021
5161-04	SAE100R16	1/4"	12XX-04	1-piece	16.8	0.661	Full	16	N/A	4/1/2021
5161-05	SAE100R16	5/16"	12XX-05	1-piece	18.5	0.728	Full	16	N/A	4/1/2021
5161-06	SAE100R16	3/8"	12XX-06	1-piece	21.1	0.831	Full	19	N/A	4/1/2021
5161-08	SAE100R16	1/2"	12XX-08	1-piece	24.5	0.965	Full	23	N/A	4/1/2021
5161-12	SAE100R16	3/4"	12XX-12	1-piece	32.1	1.264	Full	31	N/A	4/1/2021
5161-16	SAE100R16	1"	12XX-16	1-piece	40.6	1.598	Full	39	N/A	4/1/2021

NOTES: Crimp scale settings are approximate.

The setting required to achieve the specified crimp diameter may be different depending on many factors including calibration and condition of the crimper. Crimp diameters specified must be met to +/- 0.005" (+/- 0.12 mm) to perform correctly on the indicated hose. All crimps should be positioned in the dies to achieve a full crimp covering the complete ferrule during crimp.

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Hose Series	Hose Type	Hose Size	Coupling Series	Coupling Type	Crimp Diameter (mm)	Crimp Diameter (inch)	Crimp Position	Die	Approx. Scale Setting	Rev. Date
5162-04	SAE100R16	1/4"	12XX-04	1-piece	16.8	0.661	Full	16	N/A	4/1/2021
5162-05	SAE100R16	5/16"	12XX-05	1-piece	18.5	0.728	Full	16	N/A	4/1/2021
5162-06	SAE100R16	3/8"	12XX-06	1-piece	21.1	0.831	Full	19	N/A	4/1/2021
5162-08	SAE100R16	1/2"	12XX-08	1-piece	24.5	0.965	Full	23	N/A	4/1/2021
5162-10	SAE100R16	5/8"	12XX-10	1-piece	27.5	1.083	Full	27	N/A	4/1/2021
5162-12	SAE100R16	3/4"	12XX-12	1-piece	32.1	1.264	Full	31	N/A	4/1/2021
5162-16	SAE100R16	1"	12XX-16	1-piece	40.6	1.598	Full	39	N/A	4/1/2021
5170-04	SAE100R17	1/4"	12XX-04	1-piece	16.0	0.630	Full	14	N/A	4/1/2021
5170-05	SAE100R17	5/16"	12XX-05	1-piece	17.6	0.693	Full	16	N/A	4/1/2021
5170-06	SAE100R17	3/8"	12XX-06	1-piece	20.0	0.787	Full	19	N/A	4/1/2021
5170-08	SAE100R17	1/2"	12XX-08	1-piece	23.5	0.925	Full	23	N/A	4/1/2021
5170-10	SAE100R17	5/8"	12XX-10	1-piece	27.7	1.091	Full	27	N/A	4/1/2021
5170-12	SAE100R17	3/4"	12XX-12	1-piece	32.2	1.268	Full	31	N/A	4/1/2021
5170-16	SAE100R17	1"	12XX-16	1-piece	41.1	1.618	Full	39	N/A	4/1/2021
5171-04	SAE100R17	1/4"	12XX-04	1-piece	16.0	0.630	Full	14	N/A	4/1/2021
5171-05	SAE100R17	5/16"	12XX-05	1-piece	17.6	0.693	Full	16	N/A	4/1/2021
5171-06	SAE100R17	3/8"	12XX-06	1-piece	20.0	0.787	Full	19	N/A	4/1/2021
5171-08	SAE100R17	1/2"	12XX-08	1-piece	23.5	0.925	Full	23	N/A	4/1/2021
5171-12	SAE100R17	3/4"	12XX-12	1-piece	32.2	1.268	Full	31	N/A	4/1/2021
5171-16	SAE100R17	1"	12XX-16	1-piece	41.1	1.618	Full	39	N/A	4/1/2021
5172-04	SAE100R17	1/4"	12XX-04	1-piece	16.0	0.630	Full	14	N/A	4/1/2021
5172-05	SAE100R17	5/16"	12XX-05	1-piece	17.6	0.693	Full	16	N/A	4/1/2021
5172-06	SAE100R17	3/8"	12XX-06	1-piece	20.0	0.787	Full	19	N/A	4/1/2021
5172-08	SAE100R17	1/2"	12XX-08	1-piece	23.5	0.925	Full	23	N/A	4/1/2021
5172-10	SAE100R17	5/8"	12XX-10	1-piece	27.7	1.091	Full	27	N/A	4/1/2021
5172-12	SAE100R17	3/4"	12XX-12	1-piece	32.2	1.268	Full	31	N/A	4/1/2021
5172-16	SAE100R17	1"	12XX-16	1-piece	41.1	1.618	Full	39	N/A	4/1/2021
5192-04	SAE100R19	1/4"	12XX-04	1-piece	16.9	0.665	Full	16	N/A	4/1/2021
5192-06	SAE100R19	3/8"	12XX-06	1-piece	21.0	0.827	Full	19	N/A	4/1/2021
5192-08	SAE100R19	1/2"	12XX-08	1-piece	24.8	0.976	Full	23	N/A	4/1/2021
5192-10	SAE100R19	5/8"	12XX-10	1-piece	27.8	1.094	Full	27	N/A	4/1/2021
5192-12	SAE100R19	3/4"	12XX-12	1-piece	31.8	1.252	Full	31	N/A	4/1/2021
5192-16	SAE100R19	1"	12XX-16	1-piece	40.6	1.598	Full	39	N/A	4/1/2021
5201-08	N/A	1/2"	12XX-08	1-piece	24.5	0.965	Full	23	N/A	4/1/2021
5205-24	4SH	1-1/2"	60XX-24	1-piece	58.0	2.283	Full	57	N/A	4/1/2021
5210-24	N/A	1-1/2"	12XX-24	1-piece	59.4	2.339	Full	57	N/A	4/1/2021

NOTES: Crimp scale settings are approximate.

The setting required to achieve the specified crimp diameter may be different depending on many factors including calibration and condition of the crimper. Crimp diameters specified must be met to +/- 0.005" (+/- 0.12 mm) to perform correctly on the indicated hose. All crimps should be positioned in the dies to achieve a full crimp covering the complete ferrule during crimp.

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