

Hose Fitting	Hose I.D.	Product Code	Crimp Diameter +/- .005" (0.13 mm)	Recommended Die Set Select the die for your crimper below			Micrometer Setting
SAE 100R1AT Hydraulic Hose (R1)				D100	D165	D205	
Braided / U Series Hose Fittings crimp to knurl	1/4"	R1-04	0.575" (14.60 mm)	D100-12MM	D100-12MM	D200-12MM	2.60
	3/8"	R1-06	0.725" (18.41 mm)	D100-16MM	D100-16MM	D200-16MM	2.41
	1/2"	R1-08	0.845" (21.46 mm)	D100-19MM	D100-19MM	D200-19MM	2.46
	5/8"	R1-10	0.995" (25.27 mm)	D100-22MM	D100-22MM	D200-22MM	3.27
	3/4"	R1-12	1.100" (27.90 mm)	D100-25MM	D100-25MM	D200-25MM	2.90
	1"	R1-16	1.430" (36.30 mm)	D100-35MM	D100-35MM	D200-35MM	1.30
	1-1/4"	R1-20	1.830" (46.50 mm)	N/A	D100-43MM	D200-43MM	3.50
W Series Bite-To-The Wire / 43 Series Hose Fittings crimp full shell	1/4"	R1-04	0.655" (16.65 mm)	D100-16MM	D100-16MM	D200-16MM	0.65
	3/8"	R1-06	0.790" (20.05 mm)	D100-19MM	D100-19MM	D200-19MM	1.05
	1/2"	R1-08	0.920" (23.36 mm)	D100-22MM	D100-22MM	D200-22MM	1.36
	3/4"	R1-12	1.215" (30.86 mm)	D100-28MM	D100-28MM	D200-28MM	2.86
	1"	R1-16	1.625" (41.30 mm)	D100-39MM	D100-39MM	D200-39MM	2.30
	1-1/4"	R1-20	1.965" (49.91 mm)	N/A	D100-47MM	D200-47MM	2.91
71 Series Hose Fittings crimp full shell	3/4"	R1-12	1.333" (33.86 mm)	D100-31MM	D100-31MM	D200-31MM	2.86
	1"	R1-16	1.625" (41.30mm)	D100-39MM	D100-39MM	D200-39MM	2.30
SAE 100R2AT Hydraulic Hose (R2)				D100	D165	D205	
Braided / U Series Hose Fittings crimp to knurl	1/4"	R2-04	0.645" (16.38 mm)	D100-16MM	D100-16MM	D200-16MM	0.38
	3/8"	R2-06	0.800" (20.32 mm)	D100-19MM	D100-19MM	D200-19MM	1.32
	1/2"	R2-08	0.910" (23.10 mm)	D100-22MM	D100-22MM	D200-22MM	1.10
	5/8"	R2-10	1.030" (26.16 mm)	D100-25MM	D100-25MM	D200-25MM	1.16
	3/4"	R2-12	1.190" (30.25 mm)	D100-28MM	D100-28MM	D200-28MM	2.25
	1"	R2-16	1.507" (38.27 mm)	D100-35MM	D100-35MM	D200-35MM	3.27
	1-1/4"	R2-20	1.908" (48.46 mm)	N/A	D100-47MM	D200-47MM	1.46
W Series Bite-To-The Wire / 43 Series Hose Fittings crimp full shell	1/4"	R2-04	0.695" (17.65 mm)	D100-16MM	D100-16MM	D200-16MM	1.65
	3/8"	R2-06	0.845" (21.46 mm)	D100-19MM	D100-19MM	D200-19MM	2.46
	1/2"	R2-08	0.970" (24.63 mm)	D100-22MM	D100-22MM	D200-22MM	2.63
	5/8"	R2-10	1.200" (30.48 mm)	D100-28MM	D100-28MM	D200-28MM	2.48
	3/4"	R2-12	1.285" (32.65 mm)	D100-31MM	D100-31MM	D200-31MM	1.65
	1"	R2-16	1.665" (42.30 mm)	D100-41MM	D100-41MM	D200-41MM	1.30
	1-1/4"	R2-20	2.060" (52.32 mm)	N/A	D100-51MM	D200-51MM	1.32
	1-1/2"	R2-24	2.400" (60.95 mm)	N/A	N/A	D200DA-60MM*	0.95
71 Series Hose Fittings crimp full shell	3/4"	R2-12	1.346" (34.20 mm)	D100-31MM	D100-31MM	D200-31MM	3.20
	1"	R2-16	1.507" (38.27 mm)	D100-35MM	D100-35MM	D200-35MM	3.27



Need a Crimper? We have several models to choose from!

See page 114 for more info.



Crimp Specifications



Hose Fitting	Hose I.D.	Product Code	Crimp Diameter +/- .005" (0.13 mm)	Recommended Die Set Select the die for your crimper below			Micrometer Setting
SAE 100R3 General Purpose/Hydraulic Hose (R3)				D100	D165	D205	
Braided / U Series Hose Fittings crimp to knurl	1/4"	R3-04	0.615" (15.60 mm)	D100-14MM	D100-14MM	D200-14MM	1.60
	3/8"	R3-06	0.790" (20.05 mm)	D100-19MM	D100-19MM	D200-19MM	1.05
	1/2"	R3-08	0.950" (24.15 mm)	D100-22MM	D100-22MM	D200-22MM	2.15
	3/4"	R3-12	1.240" (31.50 mm)	D100-31MM	D100-31MM	D200-31MM	0.50
	1"	R3-16	1.520" (36.60 mm)	D100-35MM	D100-35MM	D200-35MM	1.60
SAE 100R4 Suction and Return Hose (R4)				D100	D165	D205	
Braided / U Series Hose Fittings crimp to knurl	3/4"	R4-12	1.233" (31.30 mm)	D100-31MM	D100-31MM	D200-31MM	0.30
	1"	R4-16	1.466" (37.25 mm)	D100-35MM	D100-35MM	D200-35MM	2.25
	1-1/4"	R4-20	1.780" (45.20 mm)	N/A	D100-43MM	D200-43MM	2.20
Two-Piece Suction Hose Fittings crimp full shell	3/4"	R4-12	1.280" (32.50 mm)	D100-31MM	D100-31MM	D200-31MM	1.50
	1"	R4-16	1.540" (39.10 mm)	D100-39MM	D100-39MM	D200-39MM	0.10
	1-1/4"	R4-20	1.825" (46.35 mm)	N/A	D100-43MM	D200-43MM	3.35
	1-1/2"	R4-24	2.040" (51.80 mm)	N/A	N/A	D200-51MM	0.80
	2"	R4-32	2.480" (63.00 mm)	N/A	N/A	D200DA-62MM*	1.00
SAE 100R5 General Purpose/Truck Hose (R5)				D100	D165	D205	
R5 Series Truck Hose Fittings crimp to knurl	3/16"	R5-04	0.535" (13.60 mm)	D100-12MM	D100-12MM	D200-12MM	1.60
	1/4"	R5-05	0.660" (16.75 mm)	D100-16MM	D100-16MM	D200-16MM	0.75
	5/16"	R5-06	0.725" (18.40 mm)	D100-16MM	D100-16MM	D200-16MM	2.40
	13/32"	R5-08	0.830" (21.10 mm)	D100-19MM	D100-19MM	D200-19MM	2.10
	1/2"	R5-10	0.915" (23.30 mm)	D100-22MM	D100-22MM	D200-22MM	1.30
	5/8"	R5-12	1.035" (26.30 mm)	D100-25MM	D100-25MM	D200-25MM	1.30
	7/8"	R5-16	1.240" (31.50 mm)	D100-29MM	D100-29MM	D200-29MM	2.50
	1-1/8"	R5-20	1.535" (38.95 mm)	D100-35MM	D100-35MM	D200-35MM	3.95
	1-3/8"	R5-24	1.730" (43.95 mm)	N/A	D100-43MM	D200-43MM	0.95
1-13/16"	R5-32	2.225" (56.50 mm)	N/A	N/A	D200DA-55MM*	1.50	
SAE 100R7 Thermoplastic Hose (R7BK/R7NC)				D100	D165	D205	
3 Series Thermoplastic Hose Fittings crimp to knurl	1/8"	R7-02	0.358" (09.10 mm)	D100-08MM	D100-08MM	D200-08MM	1.10
	3/16"	R7-03	0.478" (12.14 mm)	D100-10MM	D100-10MM	D200-10MM	2.14
	1/4"	R7-04	0.555" (14.10 mm)	D100-12MM	D100-12MM	D200-12MM	2.10
	5/16"	R7-05	0.630" (16.00 mm)	D100-14MM	D100-14MM	D200-14MM	2.00
	3/8"	R7-06	0.675" (17.15 mm)	D100-16MM	D100-16MM	D200-16MM	1.15
	1/2"	R7-08	0.825" (20.96 mm)	D100-19MM	D100-19MM	D200-19MM	1.96
Braided / U Series Hose Fittings crimp to knurl	3/16"	R7-03	0.495" (12.57 mm)	D100-10MM	D100-10MM	D200-10MM	2.57
	1/4"	R7-04	0.580" (14.73 mm)	D100-12MM	D100-12MM	D200-12MM	2.73
	5/16"	R7-05	0.630" (16.00 mm)	D100-14MM	D100-14MM	D200-14MM	2.00
	3/8"	R7-06	0.720" (18.28 mm)	D100-16MM	D100-16MM	D200-16MM	2.28
	1/2"	R7-08	0.850" (21.59 mm)	D100-19MM	D100-19MM	D200-19MM	2.59
	3/4"	R7-12	1.120" (28.44 mm)	D100-28MM	D100-28MM	D200-28MM	0.44
	1"	R7-16	1.400" (35.56 mm)	D100-35MM	D100-35MM	D200-35MM	0.56

Hose Fitting	Hose I.D.	Product Code	Crimp Diameter +/- .005" (0.13 mm)	Recommended Die Set Select the die for your crimper below			Micrometer Setting
SAE 100R8 Thermoplastic Hose (R8BK/R8NC)				D100	D165	D205	
3 Series Thermoplastic Hose Fittings crimp to knurl	3/16"	R8-03	0.358" (12.14 mm)	D100-10MM	D100-10MM	D200-10MM	2.14
	1/4"	R8-04	0.555" (14.10 mm)	D100-12MM	D100-12MM	D200-12MM	2.10
	5/16"	R8-05	0.630" (16.00 mm)	D100-14MM	D100-14MM	D200-14MM	2.00
	3/8"	R8-06	0.675" (17.15 mm)	D100-16MM	D100-16MM	D200-16MM	1.15
	1/2"	R8-08	0.825" (20.96 mm)	D100-19MM	D100-19MM	D200-19MM	1.96
Braided / U Series Hose Fittings crimp to knurl	3/16"	R8-03	0.485" (12.32 mm)	D100-12MM	D100-12MM	D200-12MM	0.32
	1/4"	R8-04	0.580" (14.73 mm)	D100-12MM	D100-12MM	D200-12MM	2.73
	3/8"	R8-06	0.725" (18.41 mm)	D100-16MM	D100-16MM	D200-16MM	2.41
	1/2"	R8-08	0.830" (21.08 mm)	D100-19MM	D100-19MM	D200-19MM	2.08
Pressure Washer Hose (PW/PWB)				D100	D165	D205	
Braided / U Series Hose Fittings crimp to knurl	1/4"	PW-04 PWB-04	0.560" (14.22 mm)	D100-14MM	D100-14MM	D200-14MM	0.22
	3/8"	PW-06 PWB-06	0.700" (17.78 mm)	D100-16MM	D100-16MM	D200-16MM	3.05

Braided Vs. W-Series Fittings

Our braided hose fittings are made to interchange with most Weatherhead "U" series fittings, and attach by crimping to the outer rubber jacket of the hose. Our W-Series bite-to-the-wire fittings are designed for superior performance by biting into the steel reinforced wire of the hydraulic hoses.



Finished Braided Crimp



Finished W-Series/71 Series Crimp



Item: 93293-3VGA

Remember to always measure your crimps!

Crimp Specifications



Hose Fitting	Hose I.D.	Product Code	Crimp Diameter +/- .005" (0.13 mm)	Recommended Die Set Select the die for your crimper below			Micrometer Setting
SAE 100R12 Four-Wire Hydraulic Hose (R12)				D100	D165	D205	
W Series Bite-To-The Wire / 43 Series Hose Fittings crimp full shell	3/8"	R12-06	0.870" (22.10 mm)	D100-22MM	D100-22MM	D200-22MM	0.10
	1/2"	R12-08	1.010" (25.65 mm)	D100-25MM	D100-25MM	D200-25MM	0.65
	3/4"	R12-12	1.320" (33.55 mm)	D100-31MM	D100-31MM	D200-31MM	2.55
	1"	R12-16	1.630" (41.40 mm)	D100-39MM	D100-39MM	D200-39MM	2.40
	1-1/4"	R12-20	2.045" (51.95 mm)	N/A	D100-51MM	D200-51MM	0.95
	1-1/2"	R12-24	2.375" (60.35 mm)	N/A	N/A	D200DA-60MM*	0.35
	2"	R12-32	2.885" (73.30 mm)	N/A	N/A	D200DA-72MM*	1.30
71 Series Hose Fittings crimp full shell	3/4"	R12-12	1.361" (34.60 mm)	D100-31MM	D100-31MM	D200-31MM	3.60
	1"	R12-16	1.733" (44.00 mm)	D100-43MM	D100-43MM	D200-43MM	1.00
SAE 100R13 Hydraulic Hose (R13)				D100	D165	D205	
W Series Bite-To-The Wire / 43 Series Hose Fittings crimp full shell	3/4"	R13-12	1.335" (33.90 mm)	D100-31MM	D100-31MM	D200-31MM	2.90
	1"	R13-16	1.645" (41.80 mm)	D100-39MM	D100-39MM	D200-39MM	2.80
JJ Series Skived Hose Fittings skive before assembly, crimp full shell	1-1/4"	R13-20	2.050" (52.05 mm)	N/A	D100-51MM	D200-51MM	1.05
	1-1/2"	R13-24	2.320" (58.95 mm)	N/A	N/A	D200DA-58MM*	0.95
	2"	R13-32	2.980" (75.70 mm)	N/A	N/A	D200DA-75MM*	0.70
71 Series Hose Fittings crimp full shell	3/4"	R13-12	1.379" (35.00 mm)	D100-35MM	D100-35MM	D200-35MM	0.00
	1"	R13-16	1.741" (44.20 mm)	D100-43MM	D100-43MM	D200-43MM	1.20
SAE 100R14A PTFE Hose (R14)				D100	D165	D205	
T Series PTFE Hose Fittings crimp to knurl	3/16"	R14-04	0.395" (10.05 mm)	D100-10MM	D100-10MM	D200-10MM	0.05
	1/4"	R14-05	0.430" (10.90 mm)	D100-10MM	D100-10MM	D200-10MM	0.90
	5/16"	R14-06	0.490" (12.45 mm)	D100-12MM	D100-12MM	D200-12MM	0.45
	3/8"	R14-07	0.565" (14.35 mm)	D100-14MM	D100-14MM	D200-14MM	0.35
	1/2"	R14-10	0.695" (17.65 mm)	D100-16MM	D100-16MM	D200-16MM	1.65
	3/4"	R14-14	0.995" (25.25 mm)	D100-25MM	D100-25MM	D200-25MM	0.25
	1"	R14-18	1.225" (31.10 mm)	D100-31MM	D100-31MM	D200-31MM	0.10
SAE 100R16 Hydraulic Hose (R16)				D100	D165	D205	
Braided / U Series Hose Fittings crimp to knurl	1/4"	R16-04	0.615" (15.60 mm)	D100-14MM	D100-14MM	D200-14MM	1.60
	3/8"	R16-06	0.740" (18.79 mm)	D100-16MM	D100-16MM	D200-16MM	2.79
	1/2"	R16-08	0.860" (21.84 mm)	D100-19MM	D100-19MM	D200-19MM	2.84
	5/8"	R16-10	1.000" (25.40 mm)	D100-25MM	D100-25MM	D200-25MM	0.40
	3/4"	R16-12	1.130" (28.70 mm)	D100-28MM	D100-28MM	D200-28MM	0.70
	1"	R16-16	1.425" (36.20 mm)	D100-35MM	D100-35MM	D200-35MM	1.20
W Series Bite-To-The Wire / 43 Series Hose Fittings crimp full shell	1/4"	R16-04	0.670" (17.01 mm)	D100-16MM	D100-16MM	D200-16MM	1.01
	3/8"	R16-06	0.815" (20.70 mm)	D100-19MM	D100-19MM	D200-19MM	1.70
	1/2"	R16-08	0.945" (24.00 mm)	D100-22MM	D100-22MM	D200-22MM	2.00
	5/8"	R16-10	1.178" (29.92 mm)	D100-28MM	D100-28MM	D200-28MM	1.92
	3/4"	R16-12	1.230" (31.25 mm)	D100-31MM	D100-31MM	D200-31MM	0.25
	1"	R16-16	1.555" (39.50 mm)	D100-37MM	D100-37MM	D200-37MM	2.50

SAE 100R16 Hydraulic Hose (R16) (con't)				D100	D165	D205	
Hose Fitting	Hose I.D.	Product Code	Crimp Diameter +/- .005" (0.13 mm)	Recommended Die Set Select the die for your crimper below			Micrometer Setting
71 Series Hose Fittings crimp full shell	3/4"	R16-12	1.335" (33.9 mm)	D100-31MM	D100-31MM	D200-31MM	1.90
	1"	R16-16	1.654" (42.0 mm)	D100-39MM	D100-39MM	D200-39MM	3.00
SAE 100R17 Hydraulic Hose (R17)				D100	D165	D205	
Braided / U Series Hose Fittings crimp to knurl	1/4"	R17-04	0.565" (14.35 mm)	D100-14MM	D100-14MM	D200-14MM	0.35
	3/8"	R17-06	0.705" (17.90 mm)	D100-16MM	D100-16MM	D200-16MM	1.90
	1/2"	R17-08	0.840" (21.35 mm)	D100-19MM	D100-19MM	D200-19MM	2.35
	5/8"	R17-10	0.995" (25.27 mm)	D100-25MM	D100-25MM	D200-25MM	0.27
	3/4"	R17-12	1.140" (28.95 mm)	D100-28MM	D100-28MM	D200-28MM	0.95
W Series Bite-To-The Wire / 43 Series Hose Fittings crimp full shell	1/4"	R17-04	0.625" (15.90 mm)	D100-14MM	D100-14MM	D200-14MM	1.90
	3/8"	R17-06	0.779" (19.80 mm)	D100-19MM	D100-19MM	D200-19MM	0.80
	1/2"	R17-08	0.950" (24.10 mm)	D100-22MM	D100-22MM	D200-22MM	2.10
	5/8"	R17-10	1.170" (29.70 mm)	D100-28MM	D100-28MM	D200-28MM	1.70
	3/4"	R17-12	1.275" (32.40 mm)	D100-31MM	D100-31MM	D200-31MM	1.40
	1"	R17-16	1.564" (39.75 mm)	D100-37MM	D100-37MM	D200-37MM	2.75
71 Series Hose Fittings crimp full shell	3/4"	R17-12	1.330" (33.8 mm)	D100-31MM	D100-31MM	D200-31MM	2.80
	1"	R17-16	1.702" (43.20 mm)	D100-43MM	D100-43MM	D200-43MM	0.20
Hydraulax™ TOUGH Hydraulic Hose (HT)				D100	D165	D205	
Braided / U Series Hose Fittings crimp to knurl	1/4"	HT-04	0.600" (15.25 mm)	D100-14MM	D100-14MM	D200-14MM	1.25
	3/8"	HT-06	0.750" (19.05 mm)	D100-16MM	D100-16MM	D200-16MM	3.05
	1/2"	HT-08	0.860" (21.85 mm)	D100-19MM	D100-19MM	D200-19MM	2.85
	5/8"	HT-10	0.985" (25.01 mm)	D100-22MM	D100-22MM	D200-22MM	3.01
	3/4"	HT-12	1.151" (29.25 mm)	D100-28MM	D100-28MM	D200-28MM	1.25
W Series Bite-To-The Wire / 43 Series Hose Fittings crimp full shell	1/4"	HT-04	0.660" (16.75 mm)	D100-16MM	D100-16MM	D200-16MM	0.75
	3/8"	HT-06	0.800" (20.30 mm)	D100-19MM	D100-19MM	D200-19MM	1.30
	1/2"	HT-08	0.950" (24.15 mm)	D100-22MM	D100-22MM	D200-22MM	2.15
	5/8"	HT-10	1.170" (29.70 mm)	D100-28MM	D100-28MM	D200-28MM	1.70
	3/4"	HT-12	1.240" (31.50 mm)	D100-31MM	D100-31MM	D200-31MM	0.50
	1"	HT-16	1.545" (39.25 mm)	D100-37MM	D100-37MM	D200-37MM	2.25
71 Series Hose Fittings crimp full shell	3/4"	HT-12	1.360" (34.55 mm)	D100-31MM	D100-31MM	D200-31MM	3.55
	1"	HT-16	1.662" (42.2 mm)	D100-39MM	D100-39MM	D200-39MM	3.20



Dies can be found on page 113.

Hose Saws can be found on page 112.



Crimp Specifications



Hose Fitting	Hose I.D.	Product Code	Crimp Diameter +/- .005" (0.13 mm)	Recommended Die Set Select the die for your crimper below			Micrometer Setting
10,000 PSI Hydraulic Jack Hose (HJK)				D100	D165	D205	
Braided / U Series Hose Fittings crimp to knurl	1/4"	HJK-04	0.634" (16.10 mm)	D100-14MM	D100-14MM	D200-14MM	2.10
	3/8"	HJK-06	0.785" (19.95 mm)	D100-19MM	D100-19MM	D200-19MM	0.95
EN 856 4SH Hydraulic Hose (4SH)				D100	D165	D205	
W Series Bite-To-The Wire Hose Fittings crimp full shell	3/4"	4SH-12	1.320" (33.55 mm)	D100-31MM	D100-31MM	D200-31MM	2.55
	1"	4SH-16	1.630" (41.40 mm)	D100-39MM	D100-39MM	D200-39MM	2.40
	1-1/4"	4SH-20	1.990" (50.55 mm)	N/A	D100-47MM	D200-47MM	3.55
	1-1/2"	4SH-24	2.390" (60.70 mm)	N/A	N/A	D200DA-60MM*	0.70
JJ Series Skived Hose Fittings skive before assembly, crimp full shell	1-1/4"	4SH-20	1.943" (49.35 mm)	N/A	D100-47MM	D200-47MM	2.35
	1-1/2"	4SH-24	2.195" (55.75 mm)	N/A	N/A	D200DA-55MM*	0.75
	2"	4SH-32	2.840" (72.15 mm)	N/A	N/A	D200DA-72MM*	0.15
71 Series Hose Fittings crimp full shell	3/4"	4SH-12	1.379" (35.00 mm)	D100-35MM	D100-35MM	D200-35MM	0.00
	1"	4SH-16	1.741" (44.2 mm)	D100-43MM	D100-43MM	D200-43MM	1.20
SAE J2064 Type C Class II A/C Refrigerant Barrier Hose (BH)				D100	D165	D205	
A/C Barrier Hose Fittings crimp to knurl	5/16"	BH-06	0.684" (17.35 mm)	D100-16MM	D100-16MM	D200-16MM	1.35
	13/32"	BH-08	0.785" (19.95 mm)	D100-19MM	D100-19MM	D200-19MM	0.95
	1/2"	BH-10	0.905" (23.00 mm)	D100-22MM	D100-22MM	D200-22MM	1.00
	5/8"	BH-12	1.050" (26.65 mm)	D100-25MM	D100-25MM	D200-25MM	1.65

The fractional (1/2", 3/4", etc.) coupler sizes shown here are nominal only. To identify your existing hydraulic quick couplers, match the male coupler to one of the outlines show below.

ISO 16028
HT Series Flush-Face

- Interchanges with:
- Faster FFI Series
 - Holmbury A Series
 - Parker FEM Series
 - Snap-Tite 74 Series



ISO 5675
AG Series Agricultural

- Interchanges with:
- Faster NS Series
 - Parker/Pioneer 4000 Series
 - Safeway S20 Series
 - Tomco PC Series



ISO 7241-1 Series^c Δ
600 Series Hydraulic

- Interchanges with:
- Aeroquip FD56 (5600) Series
 - Faster ANV Series
 - Hansen HA15000 Series
 - Parker 6600 Series
 - Safeway S56 Series



ISO 7241-1 Series B
700 Series Hydraulic

- Interchanges with:
- Aeroquip FD45 Series
 - Faster HNV Series
 - Hansen HK Series
 - Parker 60 Series
 - Snap-Tite 72 Series

