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Crimp Specifications for



Kuriyama Hydraulic



Connections™

**NEW
UPDATED VERSION
JUNE 29, 2017**

Hydraulic Hose and Fittings



KuriKrimp™ KD160SH & SP
Light and powerful (60 ton) to go anywhere you need to go; makes hydraulic hose assemblies up to 1 1/4" ID 100R12 four-spiral hose!



KuriKrimp™ KD165
Has a 60 ton press, crimps 2 and 4 wire hose up to 1 1/4" and 6 wire up to 1" ID.



KuriKrimp™ KD2-30
Has 155 ton of crimping force and averages 1,415 crimps/hour for -8 100R2AT.



KuriKrimp™ KD2-50
Has 340 ton crimping force. Ideal fit for small shops; crimps a wide variety of hose and fittings as needed.

Using the *KuriKrimp™* KD100 AND KD200 Series Crimping Systems

NOTE: Date shown in brackets and in bold italic type indicates newest changes on succeeding pages.



Kuriyama of America, Inc.

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KuriKrimp™ Tool Selection Guide

Glossary of Terms:

Skive — Removal of the hose cover by way of knife hand tool, brush wheel or other method, exposing the uppermost layer of reinforcement prior to crimping.

Skive Length — Area to be skived prior to crimping.

Crimp Diameter — The measured outside diameter of the ferrule or shell - measuring the FLAT SURFACES of the crimped ferrule or shell. Acceptable range of tolerance for Alfagomma and Piranhaflex is +/- .005 inches.



Crimping specifications for this unit and these instructions were developed using ALFAGOMMA® hydraulic hose and couplings. Kuriyama of America and ALFAGOMMA® recommend using only the hose and coupling combinations specified in the current Kuriyama of America ALFAGOMMA® catalog and the crimp specifications for these KuriKrimp™ units. Be sure to read and follow the instructions in the KuriKrimp™ Operations Guide, the instructions beneath the

word “Important” below, and the specifications in the KuriKrimp™ Tool Selection Guide which appear on the following pages. Failure to act consistent with any of the above can result in serious bodily injury or damage.

Important!

The Micro Crimp adjuster setting values shown on this chart are APPROXIMATE SETTINGS only and should be used only as a starting point. Due to differences in calibration and metal surface machining tolerances, the Micro Crimp setting may require adjustment. It is highly recommended that the finished crimp diameter of each assembly made be measured with calipers to determine if adjustment is necessary. To determine actual setting, measure the crimp diameter of the crimped assembly end. To tighten the crimp diameter, adjust the setting to a higher value. To increase (enlarge) the finished crimp diameter, adjust the setting to a lower value.

The column labeled “Actual” adjacent to the “Approx” column in the tables has been provided to give the user a place to record his own ideal Micro Crimp setting.



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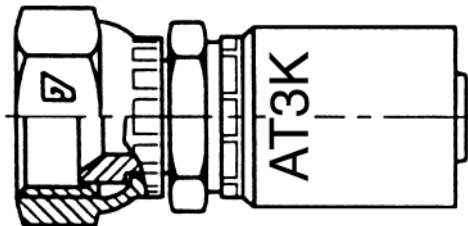
E-Mail: sales@kuriyama.com

Flexibility of the Alfacrimp System

The Alfacrimp system gives the hose assembler options to stock inventory that best suits their needs.

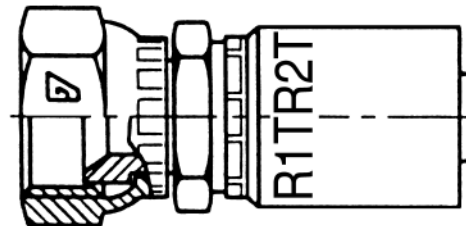
In sizes -10 thru -32 the C124 / (D) fitting can be used on Flexor 1SN, Flexor 2SN and Flexor 12 style hoses so that there is no need to stock both braided-style fittings and spiral-style fittings.

C121 / (Q) Series***



Alfatech 3000
(sizes -04, -06 and -08)
Obsolete – While Supplies Last

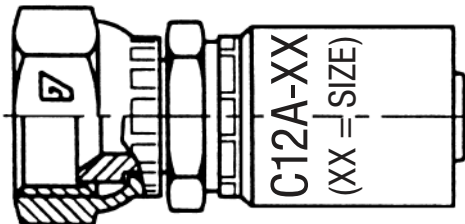
C122 / (C) Series



Flexor 1AT/1SN and 2AT/2SN
Flexopak 2
Alfatech 3000 above 1/2"
Obsolete – While Supplies Last

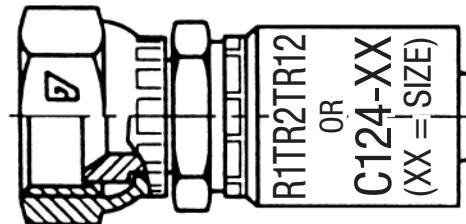
While the C121 / (Q) fitting only works with AT3K hose in sizes 1/4" through 1/2" and the C122 / (C) fitting would work on all other sizes of the AT3K hoses along with braided hoses limited up to 1/2" size in some configurations, the C12A / (B) is the new standard and works with ALL Alfagomma braided style hose products with the exception of 1/2" size of the current TR2SN-08 hose only.

C12A / (B) Series



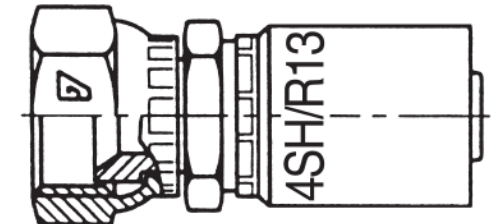
All Alfagomma
Braided Hose Up
To 1" ID Size

C124 / (D) Series



Flexor 1AT/1SN†
Flexor 2AT/2SN†
Flexor 12

C126 / (F) Series



Flexor 4SH
Flexor 13

†Note: Only sizes -10,-12,-16,-20,
-24, and -32

KuriKrimp™

One-Piece Fitting – Tool Selection Guide

FLEXOR 1SN MINETUFF - TR1MT (USING ALFACRIMP ONE-PIECE NON-SKIVE) C12A / (B) and C124 / (D)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C12AXXXX-04	B-04xx	1/4	17.0	0.685	17.4	16	1.40	88	KD/D100/200-16/Orange
C12AXXXX-05	B-05xx	5/16	17.0	0.752	19.1	19	0.10	99	KD/D100/200-19/Black
C12AXXXX-06	B-06xx	3/8	18.0	0.835	21.2	19	2.20	81	KD/D100/200-19/Black
C12AXXXX-08	B-08xx	1/2	20.0	0.969	24.6	23	1.60	86	KD/D100/200-23/Purple
C12AXXXX-10	B-10xx	5/8	21.0	1.098	27.9	27	0.90	92	KD/D100/200-27/Brown
C12AXXXX-12	B-12xx	3/4	24.0	1.248	31.7	31	0.70	94	KD/D100/200-31/Yellow
C12AXXXX-16	B-16xx	1	24.0	1.535	39.0	39	0.00	100	KD/D100/200-39/Red
C124XXXX-20	D-20xx	1 1/4	39.0	1.957	49.7	48	1.70	86	KD/D100/200-48/Green
C124XXXX-24	D-24xx	1 1/2	58.0	2.232	56.7	56	0.70	94	D200-56/Black
C124XXXX-32	D-32xx	2	58.0	2.736	69.5	68DA	1.50	74	D200DA68/Silver



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One-Piece Fitting – Tool Selection Guide

**FLEXOR 1SN - TR1SN (MSHA Cover), TEMP TECH - T1SNTT
(USING ALFACRIMP ONE-PIECE NON-SKIVE) C12A / (B) and C124 / (D)**

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C12AXXXX-04	B-04xx	1/4	17.0	0.685	17.4	16	1.40	88	KD/D100/200-16/Orange
C12AXXXX-05	B-05xx	5/16	17.0	0.760	19.3	19	0.30	97	KD/D100/200-19/Black
C12AXXXX-06	B-06xx	3/8	18.0	0.846	21.5	19	2.50	79	KD/D100/200-19/Black
C12AXXXX-08	B-08xx	1/2	20.0	0.980	24.9	23	1.90	84	KD/D100/200-23/Purple
C12AXXXX-10	B-10xx	5/8	21.0	1.059	26.9	23	3.90	67	KD/D100/200-23/Purple
C12AXXXX-12	B-12xx	3/4	24.0	1.264	32.1	31	1.10	91	KD/D100/200-31/Yellow
C12AXXXX-16	B-16xx	1	24.0	1.547	39.3	39	0.30	97	KD/D100/200-39/Red
C124XXXX-10	D-10xx	5/8	29.0	1.213	30.8	27	3.80	68	KD/D100/200-27/Brown
C124XXXX-12	D-12xx	3/4	32.0	1.386	35.2	34	1.20	90	KD/D100/200-34/Red
C124XXXX-16	D-16xx	1	39.0	1.697	43.1	41	2.10	82	KD/D100/200-41/Silver
C124XXXX-20	D-20xx	1 1/4	39.0	1.992	50.6	49	1.60	86	KD/D100/200-49/Blue
C124XXXX-24	D-24xx	1 1/2	58.0	2.232	56.7	56	0.70	94	D200-56/Black
C124XXXX-32	D-32xx	2	58.0	2.764	70.2	68DA	2.20	62	D200DA68/Silver

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One-Piece Fitting – Tool Selection Guide

**FLEXOR 1SN - TR1SN (MSHA Cover), TEMP TECH - T1SNTT
(USING ALFACRIMP ONE-PIECE NON-SKIVE) C122 / (C) and C124 / (D)**

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C122XXXX-04	C-04xx	1/4	20.0	0.665	16.9	16	0.90	92	KD/D100/200-16/Orange
C122XXXX-05	C-05xx	5/16	20.0	0.780	19.8	19	0.80	93	KD/D100/200-19/Black
C122XXXX-06	C-06xx	3/8	21.0	0.811	20.6	19	1.60	86	KD/D100/200-19/Black
C122XXXX-08	C-08xx	1/2	26.0	0.933	23.7	23	0.70	94	KD/D100/200-23/Purple
C122XXXX-10	C-10xx	5/8	28.0	1.122	28.5	27	1.50	87	KD/D100/200-27/Brown
C122XXXX-12	C-12xx	3/4	32.0	1.272	32.3	31	1.30	89	KD/D100/200-31/Yellow
C122XXXX-16	C-16xx	1	38.0	1.701	43.2	41	2.20	81	KD/D100/200-41/Silver
C124XXXX-10	D-10xx	5/8	29.0	1.213	30.8	27	3.80	68	KD/D100/200-27/Brown
C124XXXX-12	D-12xx	3/4	32.0	1.386	35.2	34	1.20	90	KD/D100/200-34/Red
C124XXXX-16	D-16xx	1	39.0	1.697	43.1	41	2.10	82	KD/D100/200-41/Silver
C124XXXX-20	D-20xx	1 1/4	39.0	1.992	50.6	49	1.60	86	KD/D100/200-49/Blue
C124XXXX-24	D-24xx	1 1/2	58.0	2.232	56.7	56	0.70	94	D200-56/Black
C124XXXX-32	D-32xx	2	58.0	2.764	70.2	68DA	2.20	62	D200DA68/Silver

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One-Piece Fitting – Tool Selection Guide

FLEXOR 2SN MINETUFF - TR2MT (USING ALFACRIMP ONE-PIECE NON-SKIVE) C12A / (B) and C124 / (D)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C12AXXXX-04	B-04xx	1/4	17.0	0.717	18.2	16	2.20	81	KD/D100/200-16/Orange
C12AXXXX-05	B-05xx	5/16	17.0	0.791	20.1	19	1.10	91	KD/D100/200-19/Black
C12AXXXX-06	B-06xx	3/8	18.0	0.878	22.3	22	0.30	97	KD/D100/200-22/Blue
C12AXXXX-08	B-08xx	1/2	20.0	1.016	25.8	23	2.80	76	KD/D100/200-23/Purple
C12AXXXX-10	B-10xx	5/8	21.0	1.130	28.7	27	1.70	86	KD/D100/200-27/Brown
C12AXXXX-12	B-12xx	3/4	24.0	1.276	32.4	31	1.40	88	KD/D100/200-31/Yellow
C12AXXXX-16	B-16xx	1	24.0	1.567	39.8	39	0.80	93	KD/D100/200-39/Red
C124XXXX-08	D-08xx	1/2	26.0	1.098	27.9	27	0.90	92	KD/D100/200-27/Brown
C124XXXX-10	D-10xx	5/8	29.0	1.228	31.2	31	0.20	98	KD/D100/200-31/Yellow
C124XXXX-12	D-12xx	3/4	32.0	1.406	35.7	34	1.70	86	KD/D100/200-34/Red
C124XXXX-16	D-16xx	1	39.0	1.709	43.4	41	2.40	80	KD/D100/200-41/Silver
C124XXXX-20	D-20xx	1 1/4	39.0	2.055	52.2	52	0.20	98	KD/D100/200-52/Black
C124XXXX-24	D-24xx	1 1/2	58.0	2.327	59.1	56	3.10	74	D200-56/Black
C124XXXX-32	D-32xx	2	58.0	2.835	72.0	72DA	0.00	100	D200DA72/Silver

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One-Piece Fitting – Tool Selection Guide

**FLEXOR 2SN - TR2SN (MSHA Cover), TEMP TECH - T2SNTT
(USING ALFACRIMP ONE-PIECE NON-SKIVE) C12A / (B) and C124 / (D)**

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C12AXXXX-04	B-04xx	1/4	17.0	0.724	18.4	16	2.40	80	KD/D100/200-16/Orange
C12AXXXX-05	B-05xx	5/16	17.0	0.803	20.4	19	1.40	88	KD/D100/200-19/Black
C12AXXXX-06	B-06xx	3/8	18.0	0.890	22.6	22	0.60	95	KD/D100/200-22/Blue
<u>C124</u> XXXX-08	<u>D</u> -08xx	1/2	26.0	1.098	27.9	27	0.90	92	KD/D100/200-27/Brown
C12AXXXX-10	B-10xx	5/8	21.0	1.150	29.2	27	2.20	81	KD/D100/200-27/Brown
C12AXXXX-12	B-12xx	3/4	24.0	1.295	32.9	31	1.90	84	KD/D100/200-31/Yellow
C12AXXXX-16	B-16xx	1	24.0	1.583	40.2	39	1.20	90	KD/D100/200-39/Red
C124XXXX-06	D-06xx	3/8	21.0	0.945	24.0	23	1.00	91	KD/D100/200-23/Purple
C124XXXX-08	D-08xx	1/2	26.0	1.098	27.9	27	0.90	92	KD/D100/200-27/Brown
C124XXXX-10	D-10xx	5/8	29.0	1.240	31.5	31	0.50	96	KD/D100/200-31/Yellow
C124XXXX-12	D-12xx	3/4	32.0	1.413	35.9	34	1.90	84	KD/D100/200-31/Red
C124XXXX-16	D-16xx	1	39.0	1.720	43.7	43	0.70	94	KD/D100/200-43/Yellow
C124XXXX-20	D-20xx	1 1/4	39.0	2.079	52.8	52	0.80	93	KD/D100/200-52/Black
C124XXXX-24	D-24xx	1 1/2	58.0	2.346	59.6	56	3.60	69	D200-56/Black
C124XXXX-32	D-32xx	2	58.0	2.854	72.5	72DA	0.50	91	D200DA72/Silver

KuriKrimp™

One-Piece Fitting – Tool Selection Guide

**FLEXOR 2SN - TR2SN (MSHA Cover), TEMP TECH - T2SNTT
(USING ALFACRIMP ONE-PIECE NON-SKIVE) C122 / (C) and C124 / (D)**

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C122XXXX-04	C-04xx	1/4	20.0	0.697	17.7	16	1.70	86	KD/D100/200-16/Orange
C122XXXX-05	C-05xx	5/16	20.0	0.819	20.8	19	1.80	85	KD/D100/200-19/Black
C122XXXX-06	C-06xx	3/8	21.0	0.846	21.5	19	2.50	79	KD/D100/200-19/Black
C122XXXX-08	C-08xx	1/2	26.0	0.969	24.6	23	1.60	86	KD/D100/200-23/Purple
C122XXXX-10	C-10xx	5/8	28.0	1.161	29.5	27	2.50	79	KD/D100/200-27/Brown
C122XXXX-12	C-12xx	3/4	32.0	1.307	33.2	31	2.20	81	KD/D100/200-31/Yellow
C122XXXX-16	C-16xx	1	38.0	1.736	44.1	41	3.10	74	KD/D100/200-41/Silver
C124XXXX-06	D-06xx	3/8	21.0	0.945	24.0	23	1.00	91	KD/D100/200-23/Purple
C124XXXX-08	D-08xx	1/2	26.0	1.098	27.9	27	0.90	92	KD/D100/200-27/Brown
C124XXXX-10	D-10xx	5/8	29.0	1.240	31.5	31	0.50	96	KD/D100/200-31/Yellow
C124XXXX-12	D-12xx	3/4	32.0	1.413	35.9	34	1.90	84	KD/D100/200-34/Red
C124XXXX-16	D-16xx	1	39.0	1.720	43.7	41	2.70	77	KD/D100/200-41/Silver
C124XXXX-20	D-20xx	1 1/4	39.0	2.079	52.8	52	0.80	93	KD/D100/200-52/Black
C124XXXX-24	D-24xx	1 1/2	58.0	2.343	59.5	56	3.50	70	D200-56/Black
C124XXXX-32	D-32xx	2	58.0	2.854	72.5	72DA	0.50	91	D200DA72/Silver

KuriKrimp™

One-Piece Fitting – Tool Selection Guide

FLEXOPAK 2 - TF2MT, TF2ST, TF2LT (USING ALFACRIMP ONE-PIECE NON-SKIVE) C12A / (B) & C124 / (D)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C12AXXXX-04	B-04xx	1/4	17.0	0.693	17.6	16	1.60	86	KD/D100/200-16/Orange
C12AXXXX-05	B-05xx	5/16	17.0	0.760	19.3	19	0.30	97	KD/D100/200-19/Black
C12AXXXX-06	B-06xx	3/8	18.0	0.843	21.4	19	2.40	80	KD/D100/200-19/Black
C12AXXXX-08	B-08xx	1/2	20.0	0.996	25.3	23	2.30	80	KD/D100/200-23/Purple
C12AXXXX-10	B-10xx	5/8	21.0	1.106	28.1	27	1.10	91	KD/D100/200-27/Brown
C12AXXXX-12	B-12xx	3/4	24.0	1.260	32.0	31	1.00	91	KD/D100/200-31/Yellow
C12AXXXX-16	B-16xx	1	24.0	1.551	39.4	39	0.40	97	KD/D100/200-39/Red
C124XXXX-16	D-16xx	1	39.0	1.701	43.2	43	0.20	98	KD/D100/200-43/Yellow
C124XXXX-20	D-20xx	1 1/4	39.0	1.937	49.2	49	0.20	98	KD/D100/200-49/Blue
C124XXXX-24	D-24xx	1 1/2	58.0	2.244	57.0	56	1.00	91	D200-56/Black
C124XXXX-32	D-32xx	2	58.0	2.764	70.2	68DA	2.20	62	D200DA68/Silver

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One-Piece Fitting – Tool Selection Guide

FLEXOPAK 2 - TF2MT, TF2ST, TF2LT (USING ALFACRIMP ONE-PIECE NON-SKIVE) C122 / (C) & C124 / (D)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C122XXXX-04	C-04xx	1/4	20.0	0.677	17.2	16	1.20	90	KD/D100/200-16/Orange
C122XXXX-05	C-05xx	5/16	20.0	0.780	19.8	19	0.80	93	KD/D100/200-19/Black
C122XXXX-06	C-06xx	3/8	21.0	0.811	20.6	19	1.60	86	KD/D100/200-19/Black
C122XXXX-08	C-08xx	1/2	26.0	0.945	24.0	23	1.00	91	KD/D100/200-23/Purple
C122XXXX-10	C-10xx	5/8	28.0	1.122	28.5	27	1.50	87	KD/D100/200-27/Brown
C122XXXX-12	C-12xx	3/4	32.0	1.272	32.3	31	1.30	89	KD/D100/200-31/Yellow
C122XXXX-16	C-16xx	1	38.0	1.705	43.3	41	2.30	80	KD/D100/200-41/Silver
C124XXXX-16	D-16xx	1	39.0	1.701	43.2	43	0.20	98	KD/D100/200-43/Yellow
C124XXXX-20	D-20xx	1 1/4	39.0	1.937	49.2	49	0.20	98	KD/D100/200-49/Blue
C124XXXX-24	D-24xx	1 1/2	58.0	2.244	57.0	56	1.00	91	D200-56/Black
C124XXXX-32	D-32xx	2	58.0	2.764	70.2	68DA	2.20	62	D200DA68/Silver

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One-Piece Fitting – Tool Selection Guide

ALFATECH 3000 - AT3KMT & AT3KST (USING ALFACRIMP ONE-PIECE NON-SKIVE) C12A / (B)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C12AXXXX-04	B-04xx	1/4	17.0	0.661	16.8	16	0.80	93	KD/D100/200-16/Orange
C12AXXXX-05	B-05xx	5/16	17.0	0.728	18.5	16	2.50	79	KD/D100/200-16/Orange
C12AXXXX-06	B-06xx	3/8	18.0	0.811	20.6	19	1.60	86	KD/D100/200-19/Black
C12AXXXX-08	B-08xx	1/2	26.0	0.937	23.8	23	0.80	93	KD/D100/200-23/Purple
C12AXXXX-10	B-10xx	5/8	24.0	1.106	28.1	27	1.10	91	KD/D100/200-27/Brown
C12AXXXX-12	B-12xx	3/4	28.0	1.260	32.0	31	1.00	91	KD/D100/200-31/Yellow
C12AXXXX-16	B-16xx	1	36.0	1.551	39.4	39	0.40	97	KD/D100/200-39/Red

ALFATECH 3000 - AT3KMT & AT3KST (USING ALFACRIMP ONE-PIECE NON-SKIVE) C121 / (Q)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C121XXXX-04†	Q-04xx†	1/4	21.0	0.614	15.6	14	1.60	86	KD/D100/200-14/Yellow
C121XXXX-05†	Q-05xx†	5/16	21.0	0.681	17.3	16	1.30	89	KD/D100/200-16/Orange
C121XXXX-06†	Q-06xx†	3/8	22.0	0.764	19.4	19	0.40	97	KD/D100/200-19/Black
C121XXXX-08†	Q-08xx†	1/2	26.0	0.906	23.0	22	1.00	91	KD/D100/200-22/Blue
C122XXXX-10	C-10xx	5/8	28.0	1.122	28.5	27	1.50	87	KD/D100/200-27/Brown
C122XXXX-12	C-12xx	3/4	32.0	1.272	32.3	31	1.30	89	KD/D100/200-31/Yellow
C122XXXX-16	C-16xx	1	38.0	1.705	43.3	41	2.30	80	KD/D100/200-41/Silver

†Indicates C121 / (Q) Fitting for Alfatech 3000 Hose

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One-Piece Fitting – Tool Selection Guide

FLEXOR 12 - TR12 (USING ALFACRIMP ONE-PIECE NON-SKIVE) C124 / (D)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C124XXXX-06	D-06xx	3/8	21.0	0.961	24.4	23	1.40	88	KD/D100/200-23/Purple
C124XXXX-08	D-08xx	1/2	26.0	1.122	28.5	27	1.50	87	KD/D100/200-27/Brown
C124XXXX-10	D-10xx	5/8	29.0	1.287	32.7	31	1.70	86	KD/D100/200-31/Yellow
C124XXXX-12	D-12xx	3/4	32.0	1.429	36.3	34	2.30	80	KD/D100/200-34/Red
C124XXXX-16	D-16xx	1	39.0	1.728	43.9	41	2.90	75	KD/D100/200-41/Silver
C124XXXX-20	D-20xx	1 1/4	39.0	2.028	51.5	51	0.50	96	KD/D100/200-51/Orange
C124XXXX-24	D-24xx	1 1/2	58.0	2.339	59.4	56	3.40	71	D200-56/Black
C124XXXX-32	D-32xx	2	58.0	2.858	72.6	72DA	0.60	90	D200DA72/Silver

ALFATECH 4K - AT4KMT, AT4KST (USING ALFACRIMP ONE-PIECE NON-SKIVE) C124 / (D)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C124XXXX-08	D-08xx	1/2	26.0	1.122	28.5	27	1.50	87	KD/D100/200-27/Brown
C124XXXX-10	D-10xx	5/8	29.0	1.287	32.7	31	1.70	86	KD/D100/200-31/Yellow
C124XXXX-12	D-12xx	3/4	32.0	1.429	36.3	34	2.30	80	KD/D100/200-34/Red
C124XXXX-16	D-16xx	1	39.0	1.728	43.9	41	2.90	75	KD/D100/200-41/Silver

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One-Piece Fitting – Tool Selection Guide

FLEXOR 4SH - T4SH (USING C126 ALFACRIMP ONE-PIECE NON-SKIVE) C126 / (F) and C12H / (H)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C126XXXX-12	F-12xx	3/4	49.0	1.457	37.0	34	3.00	74	KD/D100/200-34/Red
C126XXXX-16	F-16xx	1	56.0	1.728	43.9	41	2.90	75	KD/D100/200-41/Silver
C126XXXX-20	F-20xx	1 1/4	84.0	2.122	53.9	52	1.90	84	D200-52/Black
C126XXXX-24	F-24xx	1 1/2	75.0	2.374	60.3	58DA	2.30	60	D200DA58/Red
C12HXXXX-32*	H-32xx	2	86.0	3.043	77.3	76DA	1.30	78	D200DA76/Yellow

*C12H / (H) use with Flexor 4SH only.

ALFATECH 4K - AT4KMT, AT4KST (USING ALFACRIMP ONE-PIECE NON-SKIVE) C126 / (F) and C12H / (H)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C126XXXX-24	F-24xx	1 1/2	75.0	2.374	60.3	58DA	2.30	60	D200DA58/Red
C12HXXXX-32*	H-32xx	2	86.0	3.043	77.3	76DA	1.30	78	D200DA76/Yellow

*C12H / (H) use with Flexor 4SH only.

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One-Piece Fitting – Tool Selection Guide

FLEXOR 13 - TR13 (USING ALFACRIMP ONE-PIECE NON-SKIVE) C126 / (F) and C12R / (M)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C126XXXX-12	F-12xx	3/4	49.0	1.469	37.3	34	3.30	72	KD/D100/200-34/Red
C126XXXX-16	F-16xx	1	56.0	1.728	43.9	41	2.90	75	KD/D100/200-41/Silver
C126XXXX-20	F-20xx	1 1/4	84.0	2.272	57.7	55DA	2.70	53	D200DA55/Blue
C126XXXX-24	F-24xx	1 1/2	75.0	2.528	64.2	62DA	2.20	62	D200DA62/Black
C12RXXXX-20*	M-20xx	1 1/4	75.0	2.205	56.0	55DA	1.00	83	D200DA55/Blue
C12RXXXX-32*	M-32xx	2	88.0	3.071	78.0	76DA	2.00	65	D200DA76/Yellow

*C12R / (M) use with Flexor 13 only.

ALFATECH 5K - AT5KMT, AT5KST (USING ALFACRIMP ONE-PIECE NON-SKIVE) C126 / (F) and C12R / (M)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C126XXXX-16	F-16xx	1	56.0	1.728	43.9	41	2.90	75	KD/D100/200-41/Silver
C126XXXX-20	F-20xx	1 1/4	84.0	2.272	57.7	55DA	2.70	53	D200DA55/Blue
C126XXXX-24	F-24xx	1 1/2	75.0	2.528	64.2	62DA	2.20	62	D200DA62/Black
C12RXXXX-20*	M-20xx	1 1/4	75.0	2.205	56.0	55DA	1.00	83	D200DA55/Blue
C12RXXXX-32*	M-32xx	2	88.0	3.071	78.0	76DA	2.00	65	D200DA76/Yellow

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One-Piece Fitting – Tool Selection Guide

**ALFATECH 6K - AT6KMT, AT6KST (USING ALFACRIMP ONE-PIECE NON-SKIVE)
C126 / (F)**

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C126XXXX-12	F-12xx	3/4	49.0	1.457	37.0	34	3.00	74	KD/D100/200-34/Red

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One-Piece Fitting – Tool Selection Guide

ALFABIOTECH 3K - ABT3K (USING ALFACRIMP ONE-PIECE NON-SKIVE) C124 / (D)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C124XXXX-20	D-20xx	1 1/4	39.0	2.039	51.8	51	0.80	93	KD/D100/200-51/Orange
C124XXXX-24	D-24xx	1 1/2	58.0	2.299	58.4	58DA	0.40	93	D200DA58/Red
C124XXXX-32	D-32xx	2	58.0	2.886	73.3	72DA	1.30	78	D200DA72/Silver

ALFABIOTECH 4K - ABT4K (USING ALFACRIMP ONE-PIECE NON-SKIVE) C124 / (D)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C124XXXX-08	D-08xx	1/2	26.0	1.110	28.2	27	1.20	90	KD/D100/200-27/Brown
C124XXXX-12	D-12xx	3/4	32.0	1.406	35.7	34	1.70	86	KD/D100/200-34/Red
C124XXXX-16	D-16xx	1	39.0	1.720	43.7	41	2.70	77	KD/D100/200-41/Silver

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One-Piece Fitting – Tool Selection Guide

ALFABIOTECH 5K - ABT5K (USING ALFACRIMP ONE-PIECE NON-SKIVE) C124 / (D) and C126 / (F) and C12R / (M)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C124XXXX-10*	D-10xx*	5/8	29.0	1.256	31.9	31	0.90	92	KD/D100/200-31/Yellow
C126XXXX-12	F-12xx	3/4	49.0	1.429	36.3	34	2.30	80	KD/D100/200-34/Red
C126XXXX-16	F-16xx	1	56.0	1.697	43.1	41	2.10	82	KD/D100/200-41/Silver
C126XXXX-20‡	F-20xx‡	1 1/4	84.0	2.071	52.6	52	0.60	95	D200DA52/Orange And Die from 56DA to just 56
C126XXXX-20†	F-20xx†	1 1/4	84.0	2.142	54.4	52	2.40	80	D200DA52/Orange
C126XXXX-24	F-24xx	1 1/2	75.0	2.492	63.3	62DA	1.30	78	D200DA62/Black
C12RXXXX-32	M-32xx	2	88.0	3.059	77.7	76DA	1.70	71	D200DA76/Yellow

* -10 Size Only Validated at 4,000 PSI Using C124 / (D) Fittings

‡ Crimp Diameter Valid for Hose Marked Until End 2016

† Crimp Diameter Valid for Hose Marked From 2017

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One-Piece Fitting – Tool Selection Guide

ALFABIOTECH 6K - ABT6K (USING ALFACRIMP ONE-PIECE NON-SKIVE) C124 / (D) and C126 / (F)

FERRULE SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C124XXXX-06*	D-06xx*	3/8	21.0	0.965	24.5	23	1.50	87	KD/D100/200-23/Purple
C124XXXX-08*	D-08xx*	1/2	26.0	1.110	28.2	27	1.20	90	KD/D100/200-27/Brown
C126XXXX-12	F-12xx	3/4	49.0	1.453	36.9	34	2.90	75	KD/D100/200-34/Red
C126XXXX-16	F-16xx	1	56.0	1.732	44.0	41	3.00	74	KD/D100/200-41/Silver
C126XXXX-20	F-20xx	1 1/4	84.0	2.236	56.8	56	0.80	93	D200-56/Black

* -06 and -08 Sizes Only Validated at 4,000 PSI Using C124 / (D) Fittings

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One-Piece Fitting – Tool Selection Guide

ALFAJET 210 - TAJ3BK, TAJ3BU (USING ALFACRIMP ONE-PIECE NON-SKIVE) C12A / (B)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C12AXXXX-04	B-04xx	1/4	17.0	0.661	16.8	16	0.80	93	KD/D100/200-16/Orange
C12AXXXX-05	B-05xx	5/16	17.0	0.728	18.5	16	2.50	79	KD/D100/200-16/Orange
C12AXXXX-06	B-06xx	3/8	18.0	0.811	20.6	19	1.60	86	KD/D100/200-19/Black
C12AXXXX-08	B-08xx	1/2	26.0	0.937	23.8	23	0.80	93	KD/D100/200-23/Purple

ALFAJET 400 - TAJ5BK, TAJ5BU (USING ALFACRIMP ONE-PIECE NON-SKIVE) C12A / (B)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C12AXXXX-04	B-04xx	1/4	17.0	0.697	17.7	16	1.70	86	KD/D100/200-16/Orange
C12AXXXX-05	B-05xx	5/16	17.0	0.768	19.5	19	0.50	96	KD/D100/200-19/Black
C12AXXXX-06	B-06xx	3/8	18.0	0.835	21.2	19	2.20	81	KD/D100/200-19/Black
C12AXXXX-08	B-08xx	1/2	20.0	0.976	24.8	23	1.80	85	KD/D100/200-23/Purple

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One-Piece Fitting – Tool Selection Guide

ALFAJET 210 - TAJ3BK, TAJ3BU (USING ALFACRIMP ONE-PIECE NON-SKIVE) C121 / (Q)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C121XXXX-04†	Q-04xx†	1/4	21.0	0.614	15.6	14	1.60	86	KD/D100/200-14/Yellow
C121XXXX-05†	Q-05xx†	5/16	21.0	0.681	17.3	16	1.30	89	KD/D100/200-16/Orange
C121XXXX-06†	Q-06xx†	3/8	22.0	0.764	19.4	19	0.40	97	KD/D100/200-19/Black
C121XXXX-08†	Q-08xx†	1/2	26.0	0.906	23.0	22	1.00	91	KD/D100/200-22/Blue

†Indicates C121 / (Q) Fitting for Alfatech 3000 Hose

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One-Piece Fitting – Tool Selection Guide

FLEXOR RIG - (USING ALFACRIMP ONE-PIECE NON-SKIVE) C126 / (F) and C12R / (M)

FITTING SERIES (FORMER)	FITTING SERIES (NEW)	SIZE ID (IN.)	INSERT LENGTH (MM)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
C126XXXX-16	F-16xx	1	56.0	1.728	43.9	41	2.90	75	KD/D100/200-41/Silver
C126XXXX-20†	F-20xx†	1 1/4	84.0	2.071	52.6	52DA	0.60	90	D200DA52/Orange
C126XXXX-20‡	F-20xx‡	1 1/4	84.0	2.272	57.7	55DA	2.70	53	D200DA55/Blue
C126XXXX-24†	F-24xx†	1 1/2	75.0	2.492	63.3	62DA	1.30	78	D200DA62/Black
C126XXXX-24‡	F-24xx‡	1 1/2	75.0	2.528	64.2	62DA	2.20	62	D200DA62/Black
C12RXXXX-32*	M-32xx	2	88.0	3.071	78.0	76DA	2.00	65	D200DA76/Yellow

*C12R / (M) use with FLEXOR RIG -32 only.

† Crimp Dimensions Used for Hose Produced After 05/2016

‡ Crimp Dimensions Used for Hose Produced Before 05/2016



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Two-Piece Fitting – Tool Selection Guide

FLEXOR 1SN - TR1MT MINETUFF (USING TWO-PIECE) H12 / (A) INSERT + H1200AD1 / (AF1) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200AD1-03	AF1-03	3/16	0.583	14.8	14	0.80	93	KD/D100/200-14/Yellow
H1200AD1-04	AF1-04	1/4	0.677	17.2	16	1.20	90	KD/D100/200-16/Orange
H1200AD1-05	AF1-05	5/16	0.744	18.9	16	2.90	75	KD/D100/200-16/Orange
H1200AD1-06	AF1-06	3/8	0.843	21.4	19	2.40	80	KD/D100/200-19/Black
H1200AD1-08	AF1-08	1/2	0.972	24.7	23	1.70	86	KD/D100/200-23/Purple
H1200AD1-10	AF1-10	5/8	1.094	27.8	27	0.80	93	KD/D100/200-27/Brown
H1200AD1-12	AF1-12	3/4	1.248	31.7	31	0.70	94	KD/D100/200-31/Yellow
H1200AD1-16	AF1-16	1	1.551	39.4	39	0.40	97	KD/D100/200-39/Red
H1200AD1-20	AF1-20	1 1/4	1.870	47.5	43	4.50	62	KD/D100/200-43/Yellow
H1200AD1-24	AF1-24	1 1/2	2.142	54.4	52	2.40	80	D200-52/Black
H1200AD1-32	AF1-32	2	2.677	68.0	68DA	0.00	100	D200DA68/Silver



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Two-Piece Fitting – Tool Selection Guide

**FLEXOR 1SN - TR1SN (MSHA COVER), TEMP TECH - T1SNTT (USING TWO-PIECE)
H12 / (A) INSERT + H1200AD1 / (AF1) FERRULE**

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200AD1-03	AF1-03	3/16	0.587	14.9	14	0.90	92	KD/D100/200-14/Yellow
H1200AD1-04	AF1-04	1/4	0.677	17.2	16	1.20	90	KD/D100/200-16/Orange
H1200AD1-05	AF1-05	5/16	0.752	19.1	19	0.10	99	KD/D100/200-19/Black
H1200AD1-06	AF1-06	3/8	0.850	21.6	19	2.60	78	KD/D100/200-19/Black
H1200AD1-08	AF1-08	1/2	0.984	25.0	23	2.00	83	KD/D100/200-23/Purple
H1200AD1-10	AF1-10	5/8	1.106	28.1	27	1.10	91	KD/D100/200-27/Brown
H1200AD1-12	AF1-12	3/4	1.264	32.1	31	1.10	91	KD/D100/200-31/Yellow
H1200AD1-16	AF1-16	1	1.563	39.7	39	0.70	94	KD/D100/200-39/Red
H1200AD1-20	AF1-20	1 1/4	1.894	48.1	48	0.10	99	KD/D100/200-48/Green
H1200AD1-24	AF1-24	1 1/2	2.150	54.6	52	2.60	78	D200-52/Black
H1200AD1-32	AF1-32	2	2.717	69.0	68DA	1.00	83	D200DA68/Silver
H1200203-03	AF3-03	3/16	0.563	14.3	14	0.30	97	KD/D100/200-14/Yellow
H1200212-08	AFC-08	1/2	0.933	23.7	23	0.70	94	KD/D100/200-23/Purple
H1200202-10	AFB-10	5/8	1.122	28.5	27	1.50	87	KD/D100/200-27/Brown
H1200202-12	AFB-12	3/4	1.272	32.3	31	1.30	89	KD/D100/200-31/Yellow
H1200202-16	AFB-16	1	1.701	43.2	41	2.20	81	KD/D100/200-41/Silver

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Two-Piece Fitting – Tool Selection Guide

FLEXOR 2SN - TR2MT MINETUFF (USING TWO-PIECE) H12 / (A) INSERT + H1200AD2 / (AF2) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200AD2-03	AF2-03	3/16	0.642	16.3	16	0.30	97	KD/D100/200-16\Orange
H1200AD2-04	AF2-04	1/4	0.717	18.2	16	2.20	81	KD/D100/200-16\Orange
H1200AD2-05	AF2-05	5/16	0.791	20.1	19	1.10	91	KD/D100/200-19\Black
H1200AD2-06	AF2-06	3/8	0.878	22.3	22	0.30	97	KD/D100/200-22\Blue
H1200AD2-08	AF2-08	1/2	1.000	25.4	23	2.40	80	KD/D100/200-23\Purple
H1200AD2-10	AF2-10	5/8	1.134	28.8	27	1.80	85	KD/D100/200-27\Brown
H1200AD2-12	AF2-12	3/4	1.280	32.5	31	1.50	87	KD/D100/200-31\Yellow
H1200AD2-16	AF2-16	1	1.571	39.9	39	0.90	92	KD/D100/200-39\Red
H1200AD2-20	AF2-20	1 1/4	1.953	49.6	49	0.60	95	KD/D100/200-49\Blue
H1200AD2-24	AF2-24	1 1/2	2.232	56.7	56	0.70	94	D200-56\Black
H1200AD2-32	AF2-32	2	2.787	70.8	68DA	2.80	52	D200DA68\Silver

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Two-Piece Fitting – Tool Selection Guide

**FLEXOR 2SN - TR2SN (MSHA COVER), TEMP TECH - T2SNTT (USING TWO-PIECE)
H12 / (A) INSERT + H1200AD2 / (AF2) FERRULE**

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200AD2-04	AF2-04	1/4	0.724	18.4	16	2.40	80	KD/D100/200-16\Orange
H1200AD2-05	AF2-05	5/16	0.803	20.4	19	1.40	88	KD/D100/200-19\Black
H1200AD2-06	AF2-06	3/8	0.890	22.6	22	0.60	95	KD/D100/200-22\Blue
H1200AD2-08	AF2-08	1/2	1.016	25.8	23	2.80	76	KD/D100/200-23\Purple
H1200AD2-10	AF2-10	5/8	1.150	29.2	27	2.20	81	KD/D100/200-27\Brown
H1200AD2-12	AF2-12	3/4	1.299	33.0	31	2.00	83	KD/D100/200-31\Yellow
H1200AD2-16	AF2-16	1	1.583	40.2	39	1.20	90	KD/D100/200-39\Red
H1200AD2-20	AF2-20	1 1/4	1.976	50.2	48	2.20	81	KD/D100/200-48\Green
H1200AD2-24	AF2-24	1 1/2	2.248	57.1	56	1.10	91	D200-56\Black
H1200AD2-32	AF2-32	2	2.803	71.2	68DA	3.20	45	D200DA68\Silver
H1200203-03	AF3-03	3/16	0.606	15.4	14	1.40	88	KD/D100/200-14\Yellow
H1200212-08	AFC-08	1/2	0.969	24.6	23	1.60	86	KD/D100/200-23\Purple
H1200202-10	AFB-10	5/8	1.161	29.5	27	2.50	79	KD/D100/200-27\Brown
H1200202-12	AFB-12	3/4	1.307	33.2	31	2.20	81	KD/D100/200-31\Yellow
H1200202-16	AFB-16	1	1.736	44.1	41	3.10	74	KD/D100/200-41\Silver
H1200202-20	AFB-20	1 1/4	2.091	53.1	52	1.10	91	KD/D100/200-52\Black

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Two-Piece Fitting – Tool Selection Guide

FLEXOR 6 - TR6 (USING TWO-PIECE NON-SKIVE) H12 / (A) INSERT + H1100204 / (AS2) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1100204-04	AS2-04	1/4	0.732	18.6	16	2.60	78	KD/D100/200-16/Orange
H1100204-05	AS2-05	5/16	0.772	19.6	19	0.60	95	KD/D100/200-19/Black
H1100204-06	AS2-06	3/8	0.866	22.0	22	0.00	100	KD/D100/200-22/Blue
H1100204-08	AS2-08	1/2	1.016	25.8	23	2.80	76	KD/D100/200-23/Purple
H1100204-10	AS2-10	5/8	1.142	29.0	27	2.00	83	KD/D100/200-27/Brown
H1100204-12	AS2-12	3/4	1.295	32.9	31	1.90	84	KD/D100/200-31/Yellow
H1100204-16	AS2-16	1	1.618	41.1	41	0.10	99	KD/D100/200-41/Silver

FLEXOR 3 - TR3 (USING TWO-PIECE NON-SKIVE) H12 / (A) INSERT + H1200203 / (AF3) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200203-04	AF3-04	1/4	0.697	17.7	16	1.70	86	KD/D100/200-16/Orange
H1200203-05	AF3-05	5/16	0.846	21.5	19	2.50	79	KD/D100/200-19/Black
H1200203-06	AF3-06	3/8	0.815	20.7	19	1.70	86	KD/D100/200-19/Black
H1200203-08	AF3-08	1/2	1.012	25.7	23	2.70	77	KD/D100/200-23/Purple
H1200203-10	AF3-10	5/8	1.209	30.7	27	3.70	68	KD/D100/200-27/Brown
H1200203-12	AF3-12	3/4	1.370	34.8	31	3.80	68	KD/D100/200-31/Yellow
H1200203-16	AF3-16	1	1.677	42.6	41	1.60	86	KD/D100/200-41/Silver
H1200203-20	AF3-20	1 1/4	1.835	46.6	43	3.60	69	KD/D100/200-43/Yellow

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Two-Piece Fitting – Tool Selection Guide

FLEXOR 4 TR4XF (T634AA) and T604AA (USING TWO-PIECE NON-SKIVE) H12 / (A) INSERT + H1200203 / (AF3) FERRULE

H1200203-12	AF3-12	3/4	1.299	33.0	31	2.00	83	KD/D100/200-31/Yellow
H1200203-16	AF3-16	1	1.618	41.1	39	2.10	82	KD/D100/200-39/Red
H1200203-20	AF3-20	1 1/4	1.752	44.5	43	1.50	87	KD/D100/200-43/Yellow
H1200203-24	AF3-24	1 1/2	2.039	51.8	50	1.80	85	D200-50/Black
H1200203-32	AF3-32	2	2.583	65.6	64DA	1.60	72	D200DA-64/Silver
H1200203-40	AF3-40	2 1/2	3.142	79.8	78DA	1.80	69	D200DA-78/Black



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Two-Piece Fitting – Tool Selection Guide

**FLEXOR 4 TR4XF (T634AA) and T604AA (USING TWO-PIECE NON-SKIVE)
H12 / (A) INSERT + H1200TX2 / (AFX) FERRULE**

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	EXTERNAL DIAMETER HOSE	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200TX2-12	AFX-12	3/4	27.5	1.268	32.2	31	1.20	90	KD/D100/200-31/Yellow
			28.0	1.283	32.6		1.60	86	
			28.5	1.295	32.9		1.90	84	
			29.0	1.311	33.3		2.30	80	
			29.5	1.327	33.7		2.70	77	
			30.0	1.343	34.1	34	0.10	99	KD/D100/200-34/Red
			30.5	1.354	34.4		0.40	97	
H1200TX2-16	AFX-16	1	33.5	1.531	39.0	39	0.00	100	KD/D100/200-39/Red
			34.0	1.547	39.3		0.30	97	
			34.5	1.559	39.6		0.60	95	
			35.0	1.575	40.0		1.00	91	
			35.5	1.591	40.4		1.40	88	
			36.0	1.606	40.8		1.80	85	
			36.5	1.618	41.1		2.10	82	
H1200TX2-20	AFX-20	1 1/4	40.5	1.768	44.9	45	0.00	100	KD/D100/200-45/Green
			41.0	1.783	45.3		0.30	97	
			41.5	1.795	45.6		0.60	95	
			42.0	1.811	46.0		1.00	91	
			42.5	1.827	46.4		1.40	88	
			43.0	1.843	46.8		1.80	85	
			43.5	1.854	47.1		2.10	82	

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Two-Piece Fitting – Tool Selection Guide

FLEXOR 4 TR4XF (T634AA) and T604AA (USING TWO-PIECE NON-SKIVE) H12 / (A) INSERT + H1200TX2 / (AFX) FERRULE (continued)

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	EXTERNAL DIAMETER HOSE	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200TX2-24	AFX-24	1 1/2	46.5	2.016	51.2	51	0.20	98	KD/D100/200-51/Orange
			47.0	2.031	51.6		0.60	95	
			47.5	2.043	51.9		0.90	92	
			48.0	2.059	52.3		1.30	89	
			48.5	2.075	52.7		1.70	86	
			49.0	2.091	53.1		2.10	82	
			49.5	2.102	53.4		2.40	80	
H1200TX2-32	AFX-32	2	59.5	2.559	65.0	64	1.00	91	D200DA-64/Silver
			60.0	2.575	65.4		1.40	88	
			60.5	2.587	65.7		1.70	86	
			61.0	2.602	66.1		2.10	82	
			61.5	2.618	66.5		2.50	79	
			62.0	2.634	66.9		2.90	75	
			62.5	2.646	67.2		3.20	73	
H1200TX2-40	AFX-40	2 1/2	73.5	3.106	78.9	78	0.90	84	D200DA-78/Black
			74.0	3.118	79.2		1.20	79	
			74.5	3.134	79.6		1.60	72	
			75.0	3.146	79.9		1.90	67	
			75.5	3.161	80.3		2.30	60	
			76.0	3.173	80.6		2.60	55	
			75.6	3.189	81.0		3.00	48	

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Two-Piece Fitting – Tool Selection Guide

**FLEXOR 5 - TR5, R5 TEMP TECH - TR5TT (USING TWO-PIECE NON-SKIVE)
H12 / (A) INSERT + H1200203 / (AF3) & H1100104 / (AS1) FERRULE**

HOSE PART #	FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAM-ETER (IN.)	CRIMP DIAM-ETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
TR5-04	H1200203-03	AF3-03	3/16	0.610	15.5	14	1.50	87	KD/D100/200-14/Yellow
TR5-05	H1200203-04	AF3-04	1/4	0.685	17.4	16	1.40	88	KD/D100/200-16/Orange
TR5-06	H1200203-05	AF3-05	5/16	0.819	20.8	19	1.80	85	KD/D100/200-19/Black
TR5-08	H1200203-06	AF3-06	13/32	0.787	20.0	19	1.00	91	KD/D100/200-19/Black
TR5-10	H1200203-08	AF3-08	1/2	0.980	24.9	23	1.90	84	KD/D100/200-23/Purple
TR5-12	H1200203-10	AF3-10	5/8	1.197	30.4	27	3.40	71	KD/D100/200-27/Brown
TR5-16	H1200203-12	AF3-12	7/8	1.370	34.8	34	0.80	93	KD/D100/200-34/Red
TR5-20	H1200203-16	AF3-16	1 1/8	1.736	44.1	41	3.10	74	KD/D100/200-41/Silver
TR5-24	H1200203-20	AF3-20	1 3/8	1.858	47.2	43	4.20	64	KD/D100/200-43/Yellow
TR5-32	H1100104-32	AS1-32	1 13/16	2.469	62.7	61DA	1.70	71	D200DA61/Orange

HOSE ID (IN.)	DASH SIZE	HOSE PART #	FERRULE	INSERTS			
				OTHER TYPES	NPT MALE	JIC FEMALE SWIVEL	JIC 90° FEMALE SWIVEL
3/16	04	TR5-04	H1200203-03	H12XXXXXX-03XX	H1212810-0302	H1226511-0304	H1222591-03040M
1/4	05	TR5-05	H1200203-04	H12XXXXXX-04XX	H1212810-0404	H1226511-0404	H1222591-04040M
5/16	06	TR5-06	H1200203-05	H12XXXXXX-05XX	H1212810-0506	H1226511-0506	H1222591-05060M
13/32	08	TR5-08	H1200203-06	H12XXXXXX-06XX	H1212810-0606	H1226511-0606	H1222591-06060M
1/2	10	TR5-10	H1200203-08	H12XXXXXX-08XX	H1212810-0808	H1226511-0808	H1222591-08080M
5/8	12	TR5-12	H1200203-10	H12XXXXXX-10XX	H1212810-1012	H1226511-1012	H1222591-10120M
7/8	16	TR5-16	H1200203-12	H12XXXXXX-14XX	H1212810-1416	H1226511-1416	-
1 1/8	20	TR5-20	H1200203-16	H12XXXXXX-18XX	H1212810-1820	H1226512-1820	-
1 3/8	24	TR5-24	H1200203-20	H12XXXXXX-22XX	H1212810-2224	H1226512-2224	-
1 13/16	32	TR5-32	H1100104-32	H12XXXXXX-29XX	H1212810-2932	H1226512-2932	-

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Two-Piece Fitting – Tool Selection Guide

FLEXOR 5 - TR5, R5 TEMP TECH - TR5TT (USING TWO-PIECE NON-SKIVE) H12 / (A) INSERT + H1200TX2 / (AFX) FERRULE

HOSE PART #	FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
TR5-04	H1200TX2-03	AFX-03	3/16	0.654	16.6	16	0.60	95	KD/D100/200-16/Orange
TR5-05	H1200TX2-04	AFX-04	1/4	0.728	18.5	16	2.50	79	KD/D100/200-16/Orange
TR5-06	H1200TX2-05	AFX-05	5/16	0.819	20.8	19	1.80	85	KD/D100/200-19/Black
TR5-08	H1200TX2-06	AFX-06	13/32	0.925	23.5	23	0.50	96	KD/D100/200-23/Purple
TR5-10	H1200TX2-08	AFX-08	1/2	1.031	26.2	23	3.20	73	KD/D100/200-23/Purple
TR5-12	H1200TX2-10	AFX-10	5/8	1.185	30.1	27	3.10	74	KD/D100/200-27/Brown
TR5-16	H1200TX2-12	AFX-12	7/8	1.362	34.6	34	0.60	95	KD/D100/200-34/Red
TR5-20	H1200TX2-16	AFX-16	1 1/8	1.669	42.4	41	1.40	88	KD/D100/200-41/Silver
TR5-24	H1200TX2-20	AFX-20	1 3/8	1.874	47.6	45	2.60	78	KD/D100/200-45/Green
TR5-32	H1200TX2-32	AFX-32	1 13/16	2.441	62.0	61DA	1.00	83	D200DA61/Orange

HOSE PART #	DASH SIZE	HOSE ID (IN.)	FERRULE	INSERTS			
				OTHER TYPES	NPT MALE	JIC FEMALE SWIVEL	JIC 90° FEMALE SWIVEL
TR5-04	04	3/16	H1200TX2-03	H12XXXXXX-03XX	H1212810-0302	H1226511-0304	H1222591-03040M
TR5-05	05	1/4	H1200TX2-04	H12XXXXXX-04XX	H1212810-0404	H1226511-0404	H1222591-04040M
TR5-06	06	5/16	H1200TX2-05	H12XXXXXX-05XX	H1212810-0506	H1226511-0506	H1222591-05060M
TR5-08	08	13/32	H1200TX2-06	H12XXXXXX-06XX	H1212810-0606	H1226511-0606	H1222591-06060M
TR5-10	10	1/2	H1200TX2-08	H12XXXXXX-08XX	H1212810-0808	H1226511-0808	H1222591-08080M
TR5-12	12	5/8	H1200TX2-10	H12XXXXXX-10XX	H1212810-1012	H1226511-1012	H1222591-10120M
TR5-16	16	7/8	H1200TX2-12	H12XXXXXX-14XX	H1212810-1416	H1226511-1416	-
TR5-20	20	1 1/8	H1200TX2-16	H12XXXXXX-18XX	H1212810-1820	H1226512-1820	-
TR5-24	24	1 3/8	H1200TX2-20	H12XXXXXX-22XX	H1212810-2224	H1226512-2224	-
TR5-32	32	1 13/16	H1200TX2-32	H12XXXXXX-29XX	H1212810-2932	H1226512-2932	-



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Two-Piece Fitting – Tool Selection Guide

**Piranhaflex™ PF354/PF354NC/PFP354/PFP354NC/PF367/PF367NC/
PF267/PF267NC/PFAN388NC/PFLT364 (USING TWO-PIECE)
H12 / (A) INSERT + PFR FERRULE**

FERRULE NUMBER	SIZE ID (IN.)	CRIMP DIAMETER (IN.) ± 0.005"	CRIMP DIAMETER (MM)	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
PFR-03	3/16	0.475	12.07	12	0.07	99	KD/D100/200-12/Purple
PFR-04	1/4	0.560	14.22	14	0.22	98	KD/D100/200-14/Yellow
PFR-05	5/16	0.620	15.75	14	1.75	85	KD/D100/200-14/Yellow
PFR-06	3/8	0.700	17.78	16	1.78	85	KD/D100/200-16/Orange
PFR-08	1/2	0.875	22.23	22	0.23	98	KD/D100/200-22/Blue
PFR-12	3/4	1.150	29.21	27	2.21	81	KD/D100/200-27/Brown



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Two-Piece Fitting – Tool Selection Guide

PIRANHAFLEX™ PF628/PF628NC/PF321TC (USING TWO-PIECE) H12 / (A) INSERT + PFR FERRULE

FERRULE NUMBER	SIZE ID (IN.)	CRIMP DIAMETER (IN.) ± 0.005"	CRIMP DIAMETER (MM)	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
PFR-03	3/16	0.473	12.01	12	0.01	100	KD/D100/200-12/Purple
PFR-04	1/4	0.545	13.84	12	1.84	84	KD/D100/200-12/Purple
PFR-06	3/8	0.685	17.40	16	1.40	88	KD/D100/200-16/Orange
PFR-08	1/2	0.885	22.48	22	0.48	96	KD/D100/200-22/Blue
PFR-12	3/4	1.150	29.21	27	2.21	81	KD/D100/200-27/Brown

PIRANHAFLEX™ PF427/PF427NC (USING TWO-PIECE) H12 / (A) INSERT + PFR FERRULE

FERRULE NUMBER	SIZE ID (IN.)	CRIMP DIAMETER (IN.) ± 0.005"	CRIMP DIAMETER (MM)	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
PFR-04	1/4	0.560	14.22	14	0.22	95	KD/D100/200-14/Yellow
PFR-06	3/8	0.700	17.78	16	1.78	85	KD/D100/200-16/Orange
PFR-08	1/2	0.885	22.48	22	0.48	96	KD/D100/200-22/Blue

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PIRANHAFLEX PF344 (USING 2-PIECE)

FERRULE NUMBER (FORMER)	FERRULE NUMBER (CURRENT/NEW)	SIZE ID (IN.)	SKIVE LENGTH (If Req.)	SKIVE TOOL NUMBER (If Req.)	CRIMP DIAMETER (IN.) ± 0.005"	CRIMP DIAMETER (MM)	DIE & COLOR	METRIC MICROMETER APPROX	KD100 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
	PFR-04	1/4	N/R	N/R	0.560	14.22	14	0.22	98	KD/D100/200-14/Yellow
	PFR-06	3/8	N/R	N/R	0.700	17.78	16	1.78	85	KD/D100/200-16/Orange
	PFR-08	1/2	N/R	N/R	0.875	22.23	22	0.32	98	KD/D100/200-22/Blue
H1200203-12	AF3-12	3/4	N/R	N/R	1.225	31.12	31	0.12	99	KD/D100/200-31/Yellow
H1200203-16	AF3-16	1	N/R	N/R	1.600	40.64	39	1.64	86	KD/D100/200-39/Red

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Two-Piece Fitting – Tool Selection Guide

FLEXOPAK 2 - TF2MT, TF2ST, TF2LT (USING TWO-PIECE) H12 / (A) INSERT + H1200AD1 / (AF1) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200AD1-04	AF1-04	1/4	0.685	17.4	16	1.40	88	KD/D100/200-16\Orange
H1200AD1-05	AF1-05	5/16	0.744	18.9	16	2.90	75	KD/D100/200-16\Orange
H1200AD1-06	AF1-06	3/8	0.839	21.3	19	2.30	80	KD/D100/200-19\Black
H1200AD1-08	AF1-08	1/2	0.988	25.1	23	2.10	82	KD/D100/200-23\Purple
H1200AD1-10	AF1-10	5/8	1.098	27.9	27	0.90	92	KD/D100/200-27\Brown
H1200AD1-12	AF1-12	3/4	1.248	31.7	31	0.70	94	KD/D100/200-31\Yellow
H1200AD1-16	AF1-16	1	1.567	39.8	39	0.80	93	KD/D100/200-39\Red
H1200AD1-20	AF1-20	1 1/4	1.854	47.1	45	2.10	85	KD/D100/200-45\Orange
H1200AD1-24	AF1-24	1 1/2	2.154	54.7	52	2.70	77	D200-52\Black
H1200AD1-32	AF1-32	2	2.697	68.5	68DA	0.50	91	D200DA68\Silver
H1200212-08	AFC-08	1/2	0.945	24.0	23	1.00	91	KD/D100/200-23\Purple
H1200202-10	AFB-10	5/8	1.122	28.5	27	1.50	87	KD/D100/200-27\Brown
H1200202-12	AFB-12	3/4	1.272	32.3	31	1.30	89	KD/D100/200-31\Yellow
H1200202-16	AFB-16	1	1.701	43.2	41	2.20	81	KD/D100/200-41\Silver

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Two-Piece Fitting – Tool Selection Guide

FLEXOPAK 16, 2SC (USING TWO-PIECE) H12 / (A) INSERT + H1200AD1 / (AF1) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200AD1-04	AF1-04	1/4	0.685	17.4	16	1.40	88	KD/D100/200-16\Orange
H1200AD1-05	AF1-05	5/16	0.752	19	19	0.10	99	KD/D100/200-19\Black
H1200AD1-06	AF1-06	3/8	0.835	21.2	19	2.20	81	KD/D100/200-19\Black
H1200AD1-08	AF1-08	1/2	0.976	24.8	23	1.80	85	KD/D100/200-23\Purple
H1200AD1-10	AF1-10	5/8	1.098	27.9	27	0.90	92	KD/D100/200-27\Brown
H1200AD1-12	AF1-12	3/4	1.248	31.7	31	0.70	94	KD/D100/200-31\Yellow
H1200AD1-16	AF1-16	1	1.551	39.4	39	0.40	97	KD/D100/200-39\Red
H1200212-08	AFC-08	1/2	0.929	23.6	23	0.60	95	KD/D100/200-23\Purple
H1200202-10	AFB-10	5/8	1.118	28.4	27	1.40	88	KD/D100/200-27\Brown
H1200202-12	AFB-12	3/4	1.272	32.3	31	1.30	89	KD/D100/200-31\Yellow
H1200202-16	AFB-16	1	1.705	43.3	41	2.30	80	KD/D100/200-41\Silver

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Two-Piece Fitting – Tool Selection Guide

FLEXOR 12 - TR12 (USING TWO-PIECE NON-SKIVE) H12 / (A) INSERT + H1200204 / (AF4) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200204-06	AF4-06	3/8	0.961	24.4	23	1.40	88	KD/D100/200-23/Purple
H1200204-08	AF4-08	1/2	1.122	28.5	27	1.50	87	KD/D100/200-27/Brown
H1200204-10	AF4-10	5/8	1.287	32.7	31	1.70	86	KD/D100/200-31/Yellow
H1200204-12	AF4-12	3/4	1.429	36.3	34	2.30	80	KD/D100/200-34/Red
H1200204-16	AF4-16	1	1.728	43.9	41	2.90	75	KD/D100/200-41/Silver
H1200204-20	AF4-20	1 1/4	2.063	52.4	52	0.40	97	KD/D100/200-52/Black

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Two-Piece Fitting – Tool Selection Guide

FLEXOR 12 - TR12 (USING TWO-PIECE SKIVE)
H12 / (A) INSERT + H1100404 / (AS4) or H1100204 / (AS2) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1100404-06	AS4-06	3/8	19.0 OD	KST103692-06	0.878	22.3	22	0.30	97	KD/D100/200-22/Blue
H1100404-08	AS4-08	1/2	25.0 OD	KST103692-08	1.047	26.6	23	3.60	69	KD/D100/200-23/Purple
H1100404-10	AS4-10	5/8	28.0 OD	KST103692-10	1.173	29.8	27	2.80	76	KD/D100/200-27/Brown
H1100404-12	AS4-12	3/4	33.0 OD	KST103692-12	1.295	32.9	31	1.90	84	KD/D100/200-31/Yellow
H1100404-16	AS4-16	1	37.0 OD	KST103692-16	1.614	41.0	39	2.00	83	KD/D100/200-39/Red
H1100404-20	AS4-20	1 1/4	41.0 OD	KST103692-20	2.016	51.2	51	0.20	98	KD/D100/200-51/Orange
H1100404-24	AS4-24	1 1/2	47.0 OD	KST103692-24	2.366	60.1	58DA	2.10	64	D200DA58/Red
H1100404-32	AS4-32	2	60.0 OD	KST103692-32	2.953	75.0	74DA	1.00	83	D200DA74/Purple
H1100204-10	AS2-10	5/8	28.0 OD	KST103692-10	1.169	29.7	27	2.70	77	KD/D100/200-27/Brown
H1100204-12	AS2-12	3/4	33.0 OD	KST103692-12	1.295	32.9	31	1.90	84	KD/D100/200-31/Yellow
H1100204-16	AS2-16	1	37.0 OD	KST103692-16	1.614	41.0	39	2.00	83	KD/D100/200-34/Red
H1100204-20	AS2-20	1 1/4	41.0 OD	KST103692-20	2.016	51.2	51	0.20	98	KD/D100/200-51/Orange
H1100204-24	AS2-24	1 1/2	47.0 OD	KST103692-24	2.366	60.1	58DA	2.10	64	D200DA58/Red
H1100204-32	AS2-32	2	60.0 OD	KST103692-32	2.953	75.0	74DA	1.00	83	D200DA74/Purple

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

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Two-Piece Fitting – Tool Selection Guide

**FLEXOR 13 - TR13 (USING TWO-PIECE INTERLOCK)
H14 / (X) INSERT + H1400200 / (XF2) or H1400301 / (XF1) FERRULE**

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1400200-12	XF2-12	3/4	52.0 OD 15.0 ID	KST103692-12 (Ext) KST104028-12 (Int)	1.343	34.1	34	0.10	99	KD/D100/200-34/Red
H1400200-16	XF2-16	1	65.0 OD 17.0 ID	KST103692-16 (Ext) KST104028-16 (Int)	1.657	42.1	41	1.10	91	D200-41/Silver
H1400301-20	XF1-30	1 1/4	74.0 OD 21.5 ID	KST103692-20 (Ext) KST104028-20 (Int)	2.197	55.8	55DA	0.80	86	D200DA55/Blue
H1400301-24	XF1-24	1 1/2	81.0 OD 22.0 ID	KST103692-24 (Ext) KST104028-24 (Int)	2.504	63.6	62DA	1.60	72	D200DA62/Black
H1400301-32	XF1-32	2	85.0 OD 29.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	3.189	81.0	78DA	3.00	48	D200DA78/Brown
H1400300-32†	XF3-32†	2	85.0 OD 29.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	3.028	76.9	76DA	0.90	84	D200DA76/Yellow

†Special ferrule for crimping in a KD200 KuriKrimp Machine

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

KuriKrimp™

Two-Piece Fitting – Tool Selection Guide

FLEXOR 4SP - T4SP (USING TWO-PIECE SKIVE) H12 / (A) INSERT + H1100404 / (AS4) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1100404-04	AS4-04	1/4	19.0 OD	KST103692-04	0.728	18.5	16	2.50	79	KD/D100/200-16/Orange
H1100404-06	AS4-06	3/8	19.0 OD	KST103692-06	0.870	22.1	20	2.10	82	KD/D100/200-20/Green
H1100404-08	AS4-08	1/2	25.0 OD	KST103692-08	1.039	26.4	23	3.40	71	KD/D100/200-23/Purple
H1100404-10	AS4-10	5/8	28.0 OD	KST103692-10	1.150	29.2	27	2.20	81	KD/D100/200-27/Brown
H1100404-12	AS4-12	3/4	33.0 OD	KST103692-12	1.311	33.3	31	2.30	80	KD/D100/200-31/Yellow
H1100404-16	AS2-16	1	37.0 OD	KST103692-16	1.626	41.3	41	0.30	97	KD/D100/200-41/Silver
H1100204-16	AS4-16	1	37.0 OD	KST103692-16	1.626	41.3	41	0.30	97	KD/D100/200-41/Silver

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

KuriKrimp™

Two-Piece Fitting – Tool Selection Guide

FLEXOR 4SH - T4SH (USING TWO-PIECE INTERLOCK) H14 / (X) INSERT + H1400200 / (XF2) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1400200-12	XF2-12	3/4	52.0 OD 15.0 ID	KST103692-12 (Ext) KST104028-12 (Int)	1.339	34.0	31	3.00	74	KD/D100/200-31/Yellow
H1400200-16	XF2-16	1	65.0 OD 17.0 ID	KST103692-16 (Ext) KST104028-16 (Int)	1.657	42.1	41	1.10	91	KD/D100/200-41/Silver
H1400200-20	XF2-20	1 1/4	74.0 OD 21.5 ID	KST103692-20 (Ext) KST104028-20 (Int)	2.012	51.1	50DA	1.10	81	D200DA50/Green
H1400200-24	XF2-24	1 1/2	81.0 OD 22.0 ID	KST103692-24 (Ext) KST104028-24 (Int)	2.248	57.1	55DA	2.10	64	D200DA55/Blue
H1400200-32	XF2-32	2	85.0 OD 29.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	2.874	73.0	72DA	1.00	83	D200DA72/Silver

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

KuriKrimp™

Two-Piece Fitting – Tool Selection Guide

ALFATECH 3000 - AT3KMT, AT3KST (USING TWO-PIECE) H12 / (A) INSERT + H1200AD1 / (AF1) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200AD1-04	AF1-04	1/4	0.650	16.5	16	0.50	96	KD/D100/200-16/Orange
H1200AD1-05	AF1-05	5/16	0.713	18.1	16	2.10	82	KD/D100/200-16/Orange
H1200AD1-06	AF1-06	3/8	0.803	20.4	19	1.40	88	KD/D100/200-19/Black
H1200AD1-08	AF1-08	1/2	0.941	23.9	23	0.90	92	KD/D100/200-23/Purple
H1200AD1-10	AF1-10	5/8	1.098	27.9	27	0.90	92	KD/D100/200-27/Brown
H1200AD1-12	AF1-12	3/4	1.248	31.7	31	0.70	94	KD/D100/200-31/Yellow
H1200AD1-16	AF1-16	1	1.567	39.8	39	0.80	93	KD/D100/200-39/Black
H1200101-04	AFQ-04	1/4	0.614	15.6	14	1.60	86	KD/D100/200-14/Yellow
H1200101-06	AFQ-06	3/8	0.764	19.4	19	0.40	97	KD/D100/200-19/Black
H1200101-08	AFQ-08	1/2	0.906	23.0	22	1.00	91	KD/D100/200-22/Blue
H1200202-10	AFB-10	5/8	1.122	28.5	27	1.50	87	KD/D100/200-27/Brown
H1200202-12	AFB-12	3/4	1.272	32.3	31	1.30	89	KD/D100/200-31/Yellow
H1200202-16	AFB-16	1	1.705	43.3	41	2.30	80	KD/D100/200-41/Silver

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Two-Piece Fitting – Tool Selection Guide

**ALFATECH 4000 - AT4KMT, AT4KST (USING TWO-PIECE NON-SKIVE)
H12 / (A) INSERT + H1200204 / (AF4) FERRULE**

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200204-08	AF4-08	1/2	1.122	28.5	27	1.50	87	KD/D100/200-27/Brown
H1200204-10	AF4-10	5/8	1.287	32.7	31	1.70	86	KD/D100/200-31/Yellow
H1200204-12	AF4-12	3/4	1.429	36.3	34	2.30	80	KD/D100/200-34/Red
H1200204-16	AF4-16	1	1.728	43.9	41	2.90	75	KD/D100/200-41/Silver
H1200204-20	AF4-20	1 1/4	2.024	51.4	50	1.40	88	D200-50/Black



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Two-Piece Fitting – Tool Selection Guide

ALFATECH 4000 - AT4KMT, AT4KST (USING TWO-PIECE INTERLOCK) H14 / (X) INSERT + H1400200 / (XF2) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1400200-08	XF2-08	1/2	45.0 OD 13.0 ID	KST103692-08 (Ext) KST104028-08 (Int)	1.091	27.7	27	0.70	94	KD/D100/200-27/Brown
H1400200-10	XF2-10	5/8	50.0 OD 14.5 ID	KST103692-10 (Ext) KST104028-10 (Int)	1.220	31.0	31	0.00	100	KD/D100/200-31/Yellow
H1400200-12	XF2-12	3/4	52.0 OD 15.0 ID	KST103692-12 (Ext) KST104028-12 (Int)	1.315	33.4	31	2.40	80	KD/D100/200-31/Yellow
H1400200-16	XF2-16	1	65.0 OD 17.0 ID	KST103692-16 (Ext) KST104028-16 (Int)	1.642	41.7	41	0.70	94	KD/D100D200-41/Silver
H1400200-20	XF2-20	1 1/4	74.0 OD 21.5 ID	KST103692-20 (Ext) KST104028-20 (Int)	2.035	51.7	50DA	1.70	71	D200DA-50/Green
H1400200-24	XF2-24	1 1/2	81.0 OD 22.0 ID	KST103692-24 (Ext) KST104028-24 (Int)	2.248	57.1	55DA	2.10	64	D200DA55/Blue
H1400200-32	XF2-32	2	85.0 OD 29.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	2.878	73.1	72DA	1.10	81	D200DA72/Silver

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

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Two-Piece Fitting – Tool Selection Guide

ALTATECH 5000 - AT5KMT, AT5KST (USING TWO-PIECE SKIVE) H12 / (A) INSERT + H1100204 / (AS2) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1100204-08	AS2-08	1/2	1.024 OD	KST103692-08 (Ext)	1.024	26.0	23	3.00	74	KD/D100/200-23/Purple

ALTATECH 5000 - AT5KMT, AT5KST (USING TWO-PIECE INTERLOCK) H14 / (X) INSERT + H1400200 / (XF2) and H1400301 / (XF1) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1400200-12	XF2-12	3/4	52.0 OD 15.0 ID	KST103692-12 (Ext) KST104028-12 (Int)	1.323	33.6	31	2.60	78	KD/D100/200-31/Yellow
H1400200-16	XF2-16	1	65.0 OD 17.0 ID	KST103692-16 (Ext) KST104028-16 (Int)	1.657	42.1	41	1.10	91	KD/D100/200-41/Silver
H1400301-20	XF1-20	1 1/4	74.0 OD 21.5 ID	KST103692-20 (Ext) KST104028-20 (Int)	2.197	55.8	52DA	3.80	34	D200DA52/Orange
H1400301-24	XF1-24	1 1/2	81.0 OD 22.0 ID	KST103692-24 (Ext) KST104028-24 (Int)	2.504	63.6	61DA	2.60	55	D200DA61/Orange
H1400301-32	XF1-32	2	85.0 OD 29.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	3.189	81.0	78DA	3.00	48	D200DA78/Brown
H1400300-32†	XF3-32†	2	85.0 OD 29.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	3.028	76.9	76DA	0.90	84	D200DA76/Yellow

†Special ferrule for crimping in a KD200 KuriKrimp Machine

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling



KuriKrimp™

Two-Piece Fitting – Tool Selection Guide

ALFATECH 6000 – AT6KMT, AT6KST (USING TWO-PIECE SKIVE) H12 / (A) INSERT + H1100204 / (AS2) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1400301-10	XF1-10	5/8	50.0 OD 15.0 ID	KST103692-12 (Ext) KST104028-12 (Int)	1.248	31.7	31	0.70	94	KD/D100/200-31/Yellow
H1400200-12	XF2-12	3/4	52.0 OD 15.0 ID	KST103692-12 (Ext) KST104028-12 (Int)	1.339	34.0	34	0.00	100	KD/D100/200-34/Red
H1400200-16	XF2-16	1	65.0 OD 17.0 ID	KST103692-16 (Ext) KST104028-16 (Int)	1.661	42.2	41	1.20	90	KD/D100/200-41/Silver
H1400301-20	XF1-20	1 1/4	74.0 OD 21.5 ID	KST103692-20 (Ext) KST104028-20 (Int)	2.197	55.8	52DA	3.80	34	D200DA-52/Orange
H1400301-24	XF1-24	1 1/2	81.0 OD 22.0 ID	KST103692-24 (Ext) KST104028-24 (Int)	2.504	63.6	61DA	2.60	55	D200DA61/Orange

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

ALFATECH 6000 – AT6KMT, AT6KST (USING TWO-PIECE INTERLOCK) H14 / (X) INSERT + H1400200 / (XF2) and H1400301 / (XF1) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1T00600-32**	ZF1-32	2	87.0 OD 26.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	2.976	75.6	74			

****Caution! Production crimper with 350+ tons of crimp force required for this ferrule! Call KOA for information and instruction!**

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling



KuriKrimp™

Two-Piece Fitting – Tool Selection Guide

**ALFABIOTECH 3K - ABT3K (USING TWO-PIECE STANDARD NON-SKIVE)
H12 / (A) INSERT + H1200204 / (AF4) FERRULE**

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200204-20	AF4-20	1 1/4	2.039	51.8	51	0.80	93	KD/D100/200-51/Orange
H1200204-24	AF4-24	1 1/2	2.299	58.4	58DA	0.40	93	D200DA58/Red

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Two-Piece Fitting – Tool Selection Guide

ALFABIOTECH 4K - ABT4K (USING TWO-PIECE STANDARD NON-SKIVE) H12 / (A) INSERT + H1200204 / (AF4) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200204-12	AF4-12	3/4	N/A	N/A	1.406	35.7	34	1.70	86	KD/D100/200-34/Red
H1200204-16	AF4-16	1	N/A	N/A	1.709	43.4	41	2.40	80	KD/D100/200-41/Silver
H1200204-20	AF4-20	1 1/4	N/A	N/A	2.039	51.8	51	0.80	93	KD/D100/200-51/Orange

ALFABIOTECH 4K - ABT4K (USING TWO-PIECE STANDARD SKIVE & INTERLOCK) H12 / (A) INSERT + H1100404 / (AS4) FERRULE and H14 / (X) INSERT + H1400200 / (XF2) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1100404-08	AS4-08	1/2	25.0 OD	KST103692-08 (Ext)	1.035	26.3	23	3.30	72	KD/D100/200-23/Purple
H1100404-12	AS4-12	3/4	33.0 OD	KST103692-12 (Ext)	1.272	32.3	31	1.30	89	KD/D100/200-31/Yellow
H1100404-16	AS4-16	1	37.0 OD	KST103692-16 (Ext)	1.610	40.9	39	1.90	84	KD/D100/200-39/Red
H1400200-24	XF2-24	1 1/2	81.0 OD 22.0 ID	KST103692-24 (Ext) KST104028-24 (Int)	2.252	57.2	55DA	2.20	62	D200DA55/Blue
H1400200-32	XF2-32	2	85.0 OD 29.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	2.886	73.3	72DA	1.30	78	D200DA72/Silver

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

KuriKrimp™

Two-Piece Fitting – Tool Selection Guide

ALFABIOTECH 5K - ABT5K (USING TWO-PIECE STANDARD SKIVE) H12 / (A) INSERT + H1100404 / (AS4) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1100404-10	AS4-10	5/8	28.0 OD	KST103692-10 (Ext)	1.138	28.9	27	1.90	84	KD/D100/200-27/Brown
H1100404-12	AS4-12	3/4	33.0 OD	KST103692-12 (Ext)	1.311	33.3	31	2.30	80	KD/D100/200-31/Yellow
H1100404-16	AS4-16	1	37.0 OD	KST103692-16 (Ext)	1.622	41.2	41	0.20	98	KD/D100/200-41/Silver

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

ALFABIOTECH 5K - ABT5K (USING TWO-PIECE INTERLOCK) H14 / (X) INSERT + H1400200 / (XF2) and H1400301 / (XF1) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1400200-12	XF2-12	3/4	52.0 OD 15.0 ID	KST103692-12 (Ext) KST104028-12 (Int)	1.323	33.6	31	2.60	78	KD/D100/200-31/Yellow
H1400200-16	XF2-16	1	65.0 OD 17.0 ID	KST103692-16 (Ext) KST104028-16 (Int)	1.642	41.7	41	0.70	94	KD/D100/200-41/Silver
H1400200-20 [‡]	XF2-20 [‡]	1 1/4	74.0 OD 22.0 ID	KST103692-20 (Ext) KST104028-20 (Int)	1.957	49.7	48DA	1.70	71	D200DA48/Green
H1400200-20 [†]	XF2-20 [†]	1 1/4	74.0 OD 22.0 ID	KST103692-20 (Ext) KST104028-20 (Int)	2.004	50.9	48DA	2.90	50	D200DA48/Green
H1400301-24	XF1-24	1 1/2	81.0 OD 22.0 ID	KST103692-24 (Ext) KST104028-24 (Int)	2.488	63.2	62DA	1.20	79	D200DA62/Black
H1400301-32	XF1-32	2	85.0 OD 29.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	3.173	80.6	78DA	2.60	55	D200DA78/Brown

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

[‡] Crimp Diameter Valid for Hose Marked Until End 2016 [†] Crimp Diameter Valid for Hose Marked From 2017

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Two-Piece Fitting – Tool Selection Guide

ALFABIOTECH 5K PLUS - ABTP5K (USING TWO-PIECE STANDARD SKIVE) H12 / (A) INSERT + H1100404 / (AS4) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1100404-12	AS4-12	3/4	33.0 OD	KST103692-12 (Ext)	1.299	33.0	31	2.00	83	KD/D100/200-31/Yellow

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

ALFABIOTECH 5K PLUS - ABTP5K (USING TWO-PIECE INTERLOCK) H14 / (X) INSERT + H1400200 / (XF2) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1400200-12	XF2-12	3/4	52.0 OD 15.0 ID	KST103692-12 (Ext) KST104028-12 (Int)	1.323	33.6	31	2.60	78	KD/D100/200-31/Yellow
H1400200-16	XF2-16	1	65.0 OD 17.0 ID	KST103692-16 (Ext) KST104028-16 (Int)	1.654	42.0	41	1.00	91	KD/D100/200-41/Silver

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

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Two-Piece Fitting – Tool Selection Guide

ALFABIOTECH 6K - ABT6K (USING TWO-PIECE STANDARD SKIVE) H12 / (A) INSERT + H1100404 / (AS4) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1100404-04	AS4-04	1/4	19.0 OD	KST103692-04 (Ext)	0.720	18.3	16	2.30	80	KD/D100/200-16/Orange
H1100404-06	AS4-06	3/8	19.0 OD	KST103692-06 (Ext)	0.866	22.0	20	2.00	83	KD/D100/200-20/Green
H1100404-08	AS4-08	1/2	25.0 OD	KST103692-08 (Ext)	1.035	26.3	23	3.30	72	KD/D100/200-23/Purple

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

ALFABIOTECH 6K - ABT6K (USING TWO-PIECE INTERLOCK) H14 / (X) INSERT + H1400301 / (XF1) and H1400200 / (XF2) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1400301-10	XF1-10	5/8	50.0 OD 15.0 ID	KST103692-10 (Ext) KST104028-10 (Int)	1.248	31.7	31	0.70	94	KD/D100/200-31/Yellow
H1400200-12	XF2-12	3/4	52.0 OD 15.0 ID	KST103692-12 (Ext) KST104028-12 (Int)	1.339	34.0	31	3.00	74	KD/D100/200-31/Yellow
H1400200-16	XF2-16	1	65.0 OD 17.0 ID	KST103692-16 (Ext) KST104028-16 (Int)	1.642	41.7	41	0.70	94	KD/D100/200-41/Silver
H1400301-20	XF1-20	1 1/4	74.0 OD 21.5 ID	KST103692-20 (Ext) KST104028-20 (Int)	2.189	55.6	55DA	0.60	90	D200DA55/Blue
H1400301-24	XF1-24	1 1/2	81.0 OD 22.0 ID	KST103692-24 (Ext) KST104028-24 (Int)	2.488	63.2	62DA	1.20	79	D200DA62/Black

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

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Two-Piece Fitting – Tool Selection Guide

ALFABIOTECH 6K - ABT6K (USING TWO-PIECE INTERLOCK) H1T / (Z) INSERT + H1T00600 / (ZF1) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1T00600-32**	ZF1-32	2	87.0 OD 26.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	2.984	75.8	74	1.80		

** Caution! Production crimper with 340+ tons of crimp force required for this ferrule! Call KOA for information and instruction!

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling

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Two-Piece Fitting – Tool Selection Guide

ALFAJET 210 - TAJ3BK, TAJ3BU (USING TWO-PIECE) H12 / (A) INSERT + H1200AD1 / (AF1) or H1200101 / (AFQ) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200AD1-04	AF1-04	1/4	0.650	16.5	16	0.50	96	KD/D100/200-16/Orange
H1200AD1-05	AF1-05	5/16	0.713	18.1	16	2.10	82	KD/D100/200-16/Orange
H1200AD1-06	AF1-06	3/8	0.803	20.4	19	1.40	88	KD/D100/200-19/Black
H1200AD1-08	AF1-08	1/2	0.941	23.9	23	0.90	92	KD/D100/200-23/Purple
H1200101-04	AFQ-04	1/4	0.614	15.6	14	1.60	86	KD/D100/200-14/Yellow
H1200101-06	AFQ-06	3/8	0.764	19.4	19	0.40	97	KD/D100/200-19/Black
H1200101-08	AFQ-08	1/2	0.906	23.0	22	1.00	91	KD/D100/200-22/Blue

ALFAJET 400 - TAJ5BK, TAJ5BU (USING TWO-PIECE) H12 / (A) INSERT + H1200AD1 / (AF1) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1200AD1-04	AF1-04	1/4	0.685	17.4	16	1.40	88	KD/D100/200-16/Orange
H1200AD1-05	AF1-05	5/16	0.752	19.1	19	0.10	99	KD/D100/200-19/Black
H1200AD1-06	AF1-06	3/8	0.835	21.2	19	2.20	81	KD/D100/200-19/Black
H1200AD1-08	AF1-08	1/2	0.976	24.8	23	1.80	85	KD/D100/200-23/Purple

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Two-Piece Fitting – Tool Selection Guide

**FLEXOR R14 - TR14TB (USING TWO-PIECE) H2200TF0 (AFT)
H12 / (A) INSERT + H2200TF0 / (AFT) FERRULE**

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H2200TF0-03	AFT-03	3/16	0.441	11.2	10	1.20	90	KD/D100/200-10/Green
H2200TF0-04	AFT-04	1/4	0.496	12.6	12	0.60	95	KD/D100/200-12/Purple
H2200TF0-05	AFT-05	5/16	0.598	15.2	14	1.20	90	KD/D100/200-14/Yellow
H2200TF0-06	AFT-06	3/8	0.720	18.3	16	2.30	80	KD/D100/200-16/Orange
H2200TF0-08	AFT-08	1/2	0.819	20.8	19	1.80	85	KD/D100/200-19/Black
H2200TF0-10	AFT-10	5/8	0.949	24.1	23	1.10	91	KD/D100/200-23/Purple
H2200TF0-12	AFT-12	3/4	1.091	27.7	27	0.70	94	KD/D100/200-27/Brown
H2200TF0-16	AFT-16	1	1.370	34.8	34	0.80	93	KD/D100/200-34/Red

KuriKrimp™

Two-Piece Fitting – Tool Selection Guide

FLEXOR RIG - (USING TWO-PIECE INTERLOCK) H14 / (X) INSERT + H1400200 / (XF2) or H1400301 / (XF1) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1400200-16	XF2-16	1	65.0 OD 17.0 ID	KST103692-16 (Ext) KST104028-16 (Int)	1.657	42.1	41	1.10	91	D200-41/Silver
H1400200-20†	XF2-20†	1 1/4	74.0 OD 22.0 ID	KST103692-20 (Ext) KST104028-20 (Int)	1.957	49.7	48DA	1.70	71	D200DA48/Green
H1400301-20‡	XF1-20‡	1 1/4	74.0 OD 21.5 ID	KST103692-20 (Ext) KST104028-20 (Int)	2.197	55.8	55DA	0.80	86	D200DA55/Blue
H1400301-24†	XF1-24†	1 1/2	81.0 OD 22.0 ID	KST103692-24 (Ext) KST104028-24 (Int)	2.488	63.2	62DA	1.20	79	D200DA62/Black
H1400301-24‡	XF1-24‡	1 1/2	81.0 OD 22.0 ID	KST103692-24 (Ext) KST104028-24 (Int)	2.504	63.6	62DA	1.60	72	D200DA62/Black
H1400301-32	XF1-32	2	85.0 OD 29.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	3.189	81.0	78DA	3.00	48	D200DA78/Brown
H1400301-40	XF1-40	2 1/2	90.0 OD 33.0 ID	KST103692-32 (Ext) KST104028-32 (Int)	3.563	90.5				

ATTENTION: ALL INTERLOCK FITTINGS REQUIRE INTERNAL AND EXTERNAL SKIVING FOR PROPER ASSEMBLY.

Note: Skive tooling requires either a KSM300 electric or KSM300M manual skive machine to properly function with the quick change skive tooling
 † Crimp Dimensions Used for Hose Produced After 05/2016; ‡ Crimp Dimensions Used for Hose Produced Before 05/2016

FLEXOR RIG - (USING TWO-PIECE SKIVE) H1K / (K) INSERT + H1K00170 / (KS1) FERRULE

FERRULE NUMBER (FORMER)	FERRULE NUMBER (NEW)	SIZE ID (IN.)	SKIVE LENGTH (MM)	SKIVE TOOL NUMBER (IF REQ.)	CRIMP DIAMETER (IN.)	CRIMP DIAMETER (MM) ± 0.1 mm	DIE & COLOR	METRIC MICROMETER APPROX	KD100/200 STANDARD MICROMETER APPROX	KD100/200 SERIES DIE SELECTION
H1K00170-48	KS1-48	3	107.0 OD		4.154	105.5				

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HYD. 12/2003



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