

FORSAFLEX

Crimp Chart - Two Piece
 Crimp Dia Tolerance +0.0mm / -0.2mm
 Valid Dates 06/01/24 – 12/31/24

Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
BN120-03	930000-03	W	14.1	--	20	--	--	14	0.1
BN120-03	110-03	W	15.1	--	21	--	--	14	1.1
BN120-04	110-04	W	16.0	--	24	1	Z	14	2.0
BN120-05	110-05	W	17.9	--	24	--	--	16	1.9
BN120-06	110-06	W	20.2	--	26	2	R	19	1.2
BN120-08	110-08	W	23.6	--	28	3	JJ	23	0.6
BN120-12	110-12	W	30.6	--	36	3.5	J	27	3.6
BN120-16	110-16	W	39.0	--	44	5	SS	39	0.0
BN120-20	110-20	W	47.9	--	51	--	--	45	2.9
BN120-24	110-24	W	54.7	--	54	--	--	51	3.7
BN120-32	110-32	W	68.3	--	60	--	--	68	0.3
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
*** BELOW ARE SPECS FOR BN160 WITH A YELLOW LAYLINE - OLDER VERSION **									
BN160-04	190-04	W	14.7	--	24	0	J	14	0.7
BN160-06	190-06	W	18.7	--	26	1.5	U	16	2.7
BN160-08	110-08	W	23.1	--	28	3	UU	23	0.1
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
*** BELOW ARE SPECS FOR BN160 WITH AN ORANGE LAYLINE - NEW VERSION **									
BN160-04	190-04	W	15.3	--	24	0	J	14	1.3
BN160-06	190-06	W	19.5	--	26	1.5	U	19	0.5
BN160-08	110-08	W	22.7	--	28	3	UU	19	3.7
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
BN170T-06	190-06	W	18.7	--	26	1.5	U	16	2.7
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
BN175-04	190-04	W	14.7	--	24	0	J	14	0.7
BN175-06	190-06	W	18.7	--	26	1.5	U	16	2.7
BN175-08	110-08	W	23.4	--	28	3	KK	23	0.4
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
BN200-04	210-04	W	17.9	--	24	1.5	GG	16	1.9
BN200-06	210-06	W	21.6	--	26	2	C	19	2.6
BN200-08	210-08	W	25.4	--	28	3	H	23	2.4
BN200-10	210-10	W	28.4	--	31	3.5	JJ	27	1.4
BN200-12	210-12	W	32.4	--	36	4	KK	31	1.4
BN200-16	210-16	W	41.2	--	44	5	LL	39	2.2
BN200-20	210-20	W	51.8	--	51	6	RR	51	0.8
BN200-24	210-24	W	58.4	--	54	--	--	56	2.4
BN200-32	210-32	W	72.3	--	60	--	--	69	3.3

Crimp diameters must be verified with a calibrated caliper

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Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
BN220-04	210-04	W	17.0	--	24	1	H	16	1.0
BN220-04	210-04	W	17.0	--	24	1.5	S	16	1.0
BN220-05	210-05	W	19.3	--	24	1.5	H	19	0.3
BN220-06	210-06	W	20.6	--	26	2	EE	19	1.6
BN220-08	210-08	W	24.5	--	28	3	P	23	1.5
BN220-10	210-10	W	28.0	--	31	3.5	V	27	1.0
BN220-12	210-12	W	32.0	--	36	4	V	31	1.0
BN220-16	210-16	W	40.5	--	44	5	NN	39	1.5
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
BN250-04	110-04	W	16.1	--	24	1	Z	16	0.1
BN250-06	110-06	W	20.1	--	26	2	HH	19	1.1
BN250-08	110-08	W	23.6	--	28	3	JJ	23	0.6
BN250-10	110-10	W	27.0	--	31	3.5	NN	27	0.0
BN250-12	110-12	W	32.1	--	36	4	PP	31	1.1
BN250-16	110-16	W	39.0	--	44	5	SS	39	0.6
BN250-20	110-20	W	46.9	--	51	--	--	45	2.9
BN250-24	110-24	W	54.1	--	54	--	--	51	3.1
BN250-32	110-32	W	67.5	--	60	--	--	67	0.5
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
BN270T-06	110-06	W	20.2	--	24	--	--	19	1.2
BN270T-08	110-08	W	24.0	--	26	--	--	23	1.0
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
BN300-04	110-04	W	15.9	--	24	1	P	14	1.9
BN300-06	110-06	W	20.1	--	26	2	HH	19	1.1
BN300-08	110-08	W	23.6	--	28	3	JJ	23	0.6
BN300-10	110-10	W	27.0	--	31	3	N	27	0.0
BN300-12	110-12	W	31.2	--	36	4	PP	31	0.2
BN300-12	210-12	W	32.1	--	36	4	S	31	1.1
BN300-16	110-16	W	39.0	--	44	5	SS	39	0.0
BN300-20	110-20	W	46.9	--	51	--	--	45	1.9
BN300-24	110-24	W	54.1	--	54	--	--	51	3.1
BN300-32	110-32	W	67.5	--	60	--	--	67	0.5

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Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
BN330-06	210-06	W	21.8	--	26	2	H	19	2.8
BN330-08	210-08	W	25.9	--	28	3	C	23	2.9
BN330-12	210-12	W	33.2	--	36	4	R	31	2.2
BN330-16	210-16	W	41.5	--	44	5	UU	39	2.5
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
BN350-04	110-04	W	16.1	--	24	1	Z	16	0.1
BN350-05	110-05	W	17.7	--	26	1.5	HH	16	1.7
BN350-06	110-06	W	20.1	--	26	2	R	19	1.1
BN350-08	110-08	W	23.6	--	28	3	JJ	23	0.6
BN350-10	110-10	W	28.2	--	31	3.5	KK	27	1.2
BN350-12	110-12	W	32.1	--	36	4	S	31	1.1
BN350-16	110-16	W	39.0	--	44	5	SS	39	0.0
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
BN350-04	210-04	W	17.0	--	24	1	H	16	1
BN350-05	210-05	W		--	26				
BN350-06	210-06	W	20.6	--	26	2	EE	19	1.6
BN350-08	210-08	W	24.5	--	28	3	P	23	1.5
BN350-10	210-10	W	28.2	--	31	3.5	KK	27	1.2
BN350-12	210-12	W	32.0	--	36	4	V	31	1
BN350-16	210-16	W	40.5	--	44	5	NN	39	1.5
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
SN300-06	460-06	W	22.5	22.0	26	2	B	19	3.5
SN300-08	460-08	W	25.3	24.0	28	3	H	23	2.3
SN300-10	460-10	W	29.5	26.5	32	3.5	Q	27	2.5
SN300-12	460-12	W	33.5	30.0	36	4	EE	31	2.5
SN300-16	460-16	W	40.8	38.0	44	5	MM	39	1.8
SN300-20	464-20	W	49.4	45.0	51	--	--	--	--
SN300-24	464-24	W	57.3	50.0	54	--	--	56	1.3
SN300-32	464-32	W		55.0	60	--	--	--	--
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
SZ400-06	210-06	W	21.9	--	26	2	C	19	2.9
SZ400-08	210-08	W	25.5	--	28	3	H	23	2.5
SZ400-10	210-10	W	29.6	--	32	3.5	P	27	2.6
SZ400-12	210-12	W	32.5	--	36	4	KK	31	1.5
SZ400-16	210-16	W	40.5	--	44	5	NN	39	1.5
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
SZ400-06	460-06	W	22.3	22.0	26	2	J	19	3.3
SZ400-08	460-08	W	25.9	24.0	28	3	N	23	2.9
SZ400-10	460-10	W	29.4	26.5	32	3.5	P	27	2.4
SZ400-12	460-12	W	32.9	30.0	36	4	JJ	31	1.9
SZ400-16	460-16	W	40.9	38.0	44	5	MM	39	1.9
SZ400-20	464-20	W	48.3	45.0	51	--	--	48	0.3
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
PW4B-04 / PW4000B-04	190-04	W	14.7	--	24	0	J	14	0.7
PW4B-06 / PW4000B-06	190-06	W	18.7	--	26	1.5	Q	16	2.7
PW4Y-06 / PW4000Y-06	190-06	W	18.7	--	26	1.5	Q	16	2.7
PW6G-06 / PW6000G-06	110-06	W	20.1	--	28	2	R	19	1.1
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
SK20-06	SK20-06F	SK20	20.4	--	--	2	GG	19	1.4
SK20-08	SK20-08F	SK20	23.2	--	--	3	UU	23	0.2

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Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
720-03	170-03	W	12.9	--	22	0	HH	12	0.9
720-04	170-04	W	15.2	--	24	1	KK	14	1.2
720-05	170-05	W	17.3	--	24	1.5	V	16	1.3
720-06	170-06	W	19.4	--	26	1.5	H	19	0.4
720-08	170-08	W	23.7	--	28	3	JJ	23	0.7
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
711/711T-04	170-04	W	15.6	--	24	1	R	14	1.6
711/711T-06	170-06	W	19.2	--	26	1.5	H	19	0.2
711/711T-08	170-08	W	23.4	--	28	3	KK	23	0.4
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
725-03	170-03	W	--	--	--	--	--	--	--
725-04	170-04	W	15.1	--	24	1	KK	14	1.1
725-06	170-06	W	19.0	--	26	--	--	16	3.0
725-08	170-08	W	22.5	--	28	--	--	19	3.5
725-12	170-12	W	30.0	--	36	--	--	27	3.0
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
HN-12	110-12	W	32.2	--	36	4	V	31	1.2
HN-16	110-16	W	39.1	--	44	5.0	SS	39	0.1
HN-20	110-20	W	47.5	--	51	--	--	45	2.5
HN-24	110-24	W	53.7	--	54	--	--	48	5.7
HN-32	110-32	W	67.8	--	60	--	--	65	2.8
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
HXP-12	210-12	W	33.0	--	36	4	SS	31	2.0
HXP-16	210-16	W	41.9	--	44	5.2	RR	39	2.9
HXP-20	210-20	W	50.9	--	51	6.0	OO	48	2.9
HXP-24	210-24	W	57.5	--	54	--	--	56	1.5
HXP-32	210-32	W	69.0	--	60	--	--	69	0.0
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
HJ100-04	210-04	W	17.9	--	24	1.5	GG	16	1.9
HJ100-06	210-06	W	21.6	--	26	2	C	19	2.6
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
FS100-04	110-04	W	16.0	--	24	1	Z	16	0.0
FS100-08	110-08	W	23.6	--	28	3	JJ	23	0.6
FS100-12	110-12	W	30.6	--	36	3.5	J	27	3.6
FS100-16	110-16	W	39.0	--	44	5	SS	39	0.0

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Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
TBR-03	U7000-03	W	11.6	--	22	--	--	10	1.6
TBR-04	U7000-04	W	13.0	--	24	0	FF	12	1.0
TBR-05	U7000-05	W	15.7	--	24	1	EE	14	1.7
TBR-06	U7000-06	W	16.7	--	26	1.5	Y	16	0.7
TBR-08	U7000-08	W	21.1	--	28	2	Q	19	2.1
TBR-10	U7000-10	W	23.3	--	32	3	C	23	0.3
TBR-12	U7000-12	W	25.4	--	36	3	H	23	2.4
TBR-16	U7000-16	W	33.1	--	44	4.5	SS	31	2.1
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
TBR-04	180-04	W	11.2	--	22	--	--	10	1.2
TBR-05	180-05	W	13.9	--	24	1	U	12	1.9
TBR-06	180-06	W	15.3	--	26	--	--	14	1.3
TBR-08	180-08	W	18.8	--	28	1.5	Q	16	2.8
TBR-10	180-10	W	24.0	--	32	3	R	23	1.0
TBR-12	180-12	W	26.3	--	36	3	B	23	3.3
TBR-16	180-16	W	33.8	--	45	4	Q	31	2.8
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
TBX-20	180-20	W	42.1	--	26	--	--	39	3.1
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
3X-08-ARPP	460-08	W	26.0	24.0	26	--	--	23	3.0
3X-08-ARPP	150000-08	W	25.7	26.9	26	--	--	23	2.7
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
PH45-075	GPF-075	GP	32.5	--	26	--	--	31	1.5
PH45-100	GPF-100	GP	39.8	--	26	--	--	39	0.8
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
PH50-075	UL	UL	31.5	--	26	--	--	31	0.5
PH50-100	UL	UL	40.5	--	26	--	--	39	1.5
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
DF10-050	170-08	W-SS	23.2	--	--			23	0.2
DF10-075	170-12	W-SS	31.5	--	--			31	0.5
DF10-100	170-16	W-SS	38.4	--	--				
Hose	Ferrules	Inserts	Crimp Diameter (mm)	Skive Length (mm)	Insert Depth (mm)	FX17 / FX21		Metric Adjustable	
						Die	Ring	Die	Setting
DF20-100	170	W-SS	40.0	--	--			39	1
DF20-125	DEF-125F	DEF20	43.5	--	--			39	4.5
DF20-150	DEF-150F	DEF24	50.6	--	--			48	2.6
DF20-200	DEF-200F	DEF32	63.8	--	--			63	0.08

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