

SWAGING DIAMETERS

This chart is intended as a guide only. Dimensions in mm.

Assemblies should be verified with the "Tail Crush Method" - Refer to the "Crimping FC Tails on Other Manufacturers Hoses" document (also available on our website)

FC Ferrule Code	Code on Ferrule	Use with what FC tails?	Hose Bore Hose Type	dash	-02	-03	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32
				inch	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"
				mm	3.175	4.76	6.35	7.94	9.53	12.7	15.88	19.05	25.4	31.75	38.1	50.4
STO (1-piece tails)	1/2-	STO (1-piece tails)	(Ferrule Code)				STO-04	STO-05	STO-06	STO-08	STO-10	STO-12	STO-16	STO-20	STO-24	STO-32
			R1T			16.7	18.2	21.2	23.9	28.8	32.6	41.2	48.2	53.5	67.0	
			R2T			17.9	19.7	22.1	25.2	29.6	33.7	42.0	52.1	58.8	72.2	
			R16			17.0		21.0	24.3		33.2	40.7				
			(Insertion Depth)			22.0	-	25.0	26.0	28.0	32.0	38.5	45.5	57.0	62.0	
WARNING: DO NOT use SN01 ferrules with SMOOTH cover hose - Use SN1/2 ferrules instead!																
SN01 (with ROUGH cover hose only)	0110-	STB	(Ferrule Code)				SN01-04	SN01-05	SN01-06	SN01-08	SN01-10	SN01-12	SN01-16	SN01-20	SN01-24	SN01-32
			R1T			17.3	18.2	20.3	23.8	27.2	30.8	38.6	48.2	53.5	67.0	
			(Insertion Depth)			23.0	23.5	25.5	28.8	31.5	35.0	44.0	50.5	66.0	70.0	
WARNING: DO NOT use SN02 ferrules with SMOOTH cover hose - Use SN1/2 ferrules instead!																
SN02 (with ROUGH cover hose only)	0210-	STB	(Ferrule Code)				SN02-04	SN02-05	SN02-06	SN02-08	SN02-10	SN02-12	SN02-16	SN02-20	SN02-24	SN02-32
			R2T			19.2	19.8	21.8	24.8	28.4	32.4	40.6	50.8	57.3	69.2	
			(Insertion Depth)			25.5	28.5	27.5	29.0	31.0	37.0	43.5	50.5	66.0	70.0	
SN1/2 (with ROUGH cover hose)	03310-	STB	(Ferrule Code)			SN1/2-03	SN1/2-04	SN1/2-05	SN1/2-06	SN1/2-08	SN1/2-10	SN1/2-12	SN1/2-16	SN1/2-20	SN1/2-24	SN1/2-32
			R1T			15.8	17.9	18.9	20.9	23.5	27.2	30.9	39.9	48.6	57.0	69.5
			R2T			16.8	18.8	19.7	21.4	24.5	28.8	32.1	40.4	51.0	59.9	72.5
			R16			-	17.6	-	21.0	24.2	-	-	-	-	-	-
			(Insertion Depth)			18.0	24.8	24.6	26.0	27.5	28.4	35.0	42.5	52.0	56.5	61.0
SN1/2 (with SMOOTH cover hose)	03310-	STB	(Ferrule Code)			SN1/2-04	SN1/2-05	SN1/2-06	SN1/2-08	SN1/2-10	SN1/2-12	SN1/2-16				
			R2T			18.9	19.8	21.6	24.8	28.6	32.6	40.4				
			R16			17.8	-	20.9	24.2	-	31.3	39.2				
			R17									39.7				
			(Insertion Depth)			18.0	24.8	24.6	26.0	27.5	28.4	35.0	42.5	52.0	56.5	61.0
S-SN1/2 (stainless)	ZPF2212	S-STB (stainless)	(Ferrule Code)			S-SN1/2-04	S-SN1/2-05	S-SN1/2-06	S-SN1/2-08	S-SN1/2-10	S-SN1/2-12	S-SN1/2-16	S-SN1/2-20	S-SN1/2-24	S-SN1/2-32	
			R1T			17.4	18.3	20.8	22.9	27.0	31.0	39.0	47.8	56.0	70.0	
			R2T			18.0	19.8	21.4	24.2	28.2	32.1	40.5	50.8	59.0	71.5	
			(Insertion Depth)			24.5	24.3	25.0	25.6	29.3	34.4	42.8	48.6	52.1	64.0	
SS01 (hose must be skived)	0100-		(Ferrule Code)			SS01-04		SS01-06	SS01-08	SS01-10	SS01-12	SS01-16	SS01-20	SS01-24		
			1 Ring Tail End			16.5		20.5	23.2	27.5	31.5	41.0	47.5	54.5		
			R1A			17.6		21.3	25.0	28.3	32.3	39.9	47.5	54.0		
SS02 (hose must be skived)	0200-		(Ferrule Code)			SS02-04		SS02-06	SS02-08	SS02-10	SS02-12	SS02-16	SS02-20	SS02-24	SS02-32	
			2 Rings Tail End			17.8		22.5	25.5	29.5	33.0	41.2	-	57.5	71.4	
			R2A			17.8		22.8	26.4	29.9	34.0	42.0	51.0	57.2	69.5	
SN03 (only in 3/8" size)	00018-...HK	STB	(Ferrule Code)					SN03-06								
			PS188					20.5								
			(Insertion Depth)					25.0								

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FC Ferrule Code	Code on Ferrule	Use with what FC tails?	Hose Bore		-02	-03	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32		
			Hose Type	dash														
				inch	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"		
				mm	3.175	4.76	6.35	7.94	9.53	12.7	15.88	19.05	25.4	31.75	38.1	50.4		
SN05	500	STB	(Ferrule Code)			SN05-03	SN05-04	SN05-05		SN05-08	SN05-10	SN05-14	SN05-18					
			R5			15.0	17.0	20.1		25.2	29.4	34.0	38.6					
			(Insertion Depth)			18.8	21.0	17.8		23.0	24.2							
SN7/8 (standard)	00018- (no "HK" at end of code)	STB	(Ferrule Code)		SN7/8-02	SN7/8-03	SN7/8-04	SN7/8-05	SN7/8-06	SN7/8-08		SN7/8-12	SN7/8-16					
			R7		10	11.7	13.8	16.5	18.1	22.6		29.5	36.9					
			R8			11.9	14.0	-	18.1	23.0		-	-					
			(Insertion Depth)			25.3	24.8	26.5	26.5	28.8		36.5	42.5					
SN7/8 (with non-conductive R7 or R8 hoses)	00018- (no "HK" at end of code)	STB	(Ferrule Code)			SN7/8-04		SN7/8-06	SN7/8-08									
			R8						22.8									
			(Insertion Depth)							28.8								
S-SN7/8 (stainless)	810014	S-STB (stainless)	(Ferrule Code)		S-SN7/8-03	S-SN7/8-04		S-SN7/8-06	S-SN7/8-08		S-SN7/8-12							
			R7		11.1	14.6		18.3	23.0		28.4							
			R8					18.2	23.0									
			(Insertion depth)		22.5	25.8		28.5	28.5		34.9							
MS00 (hose must be skived)	00400-...D 00401-...D 00402-...D	N/A	(Ferrule Code)					MS00-06	MS00-08	MS00-10	MS00-12	MS00-16	MS00-20	MS00-24	MS00-32			
			R12,4SP,2 groove					22.0	26.8	30.0	34.0	41.0	52.0	57.5				
			(Skive Length)					27 skv.	28 skv.	33 skv.	32 skv.	42 skv.	48 skv.	60 skv.				
MS00U (hose must be skived)	00400- 00401- 00402-	STB	(Ferrule Code)					MS00-06U	MS00-08U	MS00-10U	MS00-12U	MS00-16U	MS00-20U	MS00-24U	MS00-32U			
			R12,4SP					22.0	26.2	28.8	34.0	41.4	51.0	59.5	72.5			
			(Skive Length)					27 skv.	28 skv.	33 skv.	32 skv.	42 skv.	48 skv.	60 skv.				
S-MS00...U (hose must be skived)	ZPF1224	S-STB (stainless)	(Ferrule Code)					S-MS00-06U	S-MS00-08U	S-MS00-10U	S-MS00-12U	S-MS00-16U	S-MS00-20U	S-MS00-24U				
			R12,4SP					23.3	26.7	29.3	34.4	42.2	50.5	58.3				
			(Skive Length)					23 skv.	23.5 skv.	24.5 skv.	31.5 skv.	38 skv.	45 skv.	49 skv.				
* If using the "ST-04S 5/8 OD" ferrule, crimp to 14.2mm. If using "ST-04South 11/16 OD", crimp to 15.3mm.																		
ST	00TF-	STB	(Ferrule Code)		ST-03	ST-04 *	ST-05	ST-06	ST-08	ST-10	ST-12	ST-16						
			R14		10.2	12.5	13.3	16.3	20.1	22.4	27.0	32.8						
			(Insertion Depth)		21.3	24.0	24.0	25.0	26.5	28.9	34.3	44.0						
S-ST (stainless)	81040	S-STB (stainless)	(Ferrule Code)		S-ST-03	S-ST-04	S-ST-05	S-ST-06	S-ST-08	S-ST-10	S-ST-12	S-ST-16						
			R14		11.5	13.0	13.8	15.5	20.5	23.5	27.0	34.0						
			(Insertion Depth)		22.0	25.3	25.2	25.3	26.8	30.0	33.2	43.0						