

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	mm	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"	
STO <i>(1-piece tails)</i>	1/2-	STO <i>(1-piece tails)</i>	(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				18.1	19.7	21.8	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 <i>(with ROUGH cover hose only)</i>	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 <i>(with ROUGH cover hose only)</i>	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 <i>(with ROUGH cover hose)</i>	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 <i>(with SMOOTH cover hose)</i>	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				
			(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 <i>(stainless)</i>	ZPF2212	S-STB <i>(stainless)</i>	(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 <i>(hose must be skived)</i>	0100-		(Ferrule Code)				SS01-04		SS01-06	SS01-08	SS01-10	SS01-12	SS01-16	SS01-20	SS01-24		
			1 RingTail 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 <i>(hose must be skived)</i>	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	R2A	22.8	26.4	29.9	34.0	42.0	51.0	57.2	69.5	
SN03 <i>(only in 3/8" size)</i>	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	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"
				inch	mm	3.175	4.76	6.35	7.94	9.53	12.7	15.88	19.05	25.4	31.75	38.1
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						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				