



**Webco Industries
Finning Division
Low Fin Specifications**

***Enhanced Surface Area**

OD	FPI	Fin Height	Surface Area
0.625	19	0.035	0.320
		0.050	0.380
	26	0.035	0.390
		0.050	0.490
	28	0.035	0.410
		0.050	0.530
0.750	19	0.035	0.390
		0.050	0.470
	26	0.035	0.480
		0.050	0.600
	28	0.035	0.500
		0.050	0.640
1.000	19	0.035	0.530
		0.050	0.640
	26	0.035	0.640
		0.500	0.810
	28	0.035	0.670
		0.050	0.870

***Note: All Dimensions are a nominal value. Reference Data Only. Not for Design Purposes.**

Webco Finning Low Fin Specifications.xls

F	A130	S	19	0625	049	-50
Order Type	Grade of Material	Tolerance Type	Fins per Inch	O.D.	Wall Under Fin	Fin Height

FA130S190625049-50

F	Order Type (Fin, Fin & Bend)
A130	Grade of Material
S	Tolerance Type (Standard / Close)
19	Fins per Inch (19,26,28)
625	Outside Diameter
49	Wall Under Fin
-50	Fin Height

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	19 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S190625049-35	A/SA 214 Welded	Av.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.044	0.625
FTA321S190625049-35	A/SA 179 Seamless										
FA321S190625049-35	A/SA 179 Seamless										
KA131S190625049-35	A/SA 214 Welded (F/B)*										
KTA321S190625049-35	A/SA 179 Seamless (F/B)*										
KA321S190625049-35	A/SA 179 Seamless (F/B)*										
FA130S190625049-35	A/SA 214 Welded	Min.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.049	0.625
FTA320S190625049-35	A/SA 179 Seamless										
FA320S190625049-35	A/SA 179 Seamless										
KA130S190625049-35	A/SA 214 Welded (F/B)*										
KTA320S190625049-35	A/SA 179 Seamless (F/B)*										
KA320S190625049-35	A/SA 179 Seamless (F/B)*										
FA131S190625065-35	A/SA 214 Welded	Av.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.058	0.625
FTA321S190625065-35	A/SA 179 Seamless										
FA321S190625065-35	A/SA 179 Seamless										
KA131S190625065-35	A/SA 214 Welded (F/B)*										
KTA321S190625065-35	A/SA 179 Seamless (F/B)*										
KA321S190625065-35	A/SA 179 Seamless (F/B)*										
FA130S190625065-35	A/SA 214 Welded	Min.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.065	0.625
FTA320S190625065-35	A/SA 179 Seamless										
FA320S190625065-35	A/SA 179 Seamless										
KA320S190625065-35	A/SA 214 Welded (F/B)*										
KTA320S190625065-35	A/SA 179 Seamless (F/B)*										
KA320S190625065-35	A/SA 179 Seamless (F/B)*										
FA131S190750049-35	A/SA 214 Welded	Av.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.044	0.750
FTA321S190750049-35	A/SA 179 Seamless										
FA321S190750049-35	A/SA 179 Seamless										
KA131S190750049-35	A/SA 214 Welded (F/B)*										
KTA321S190750049-35	A/SA 179 Seamless (F/B)*										
KA321S190750049-35	A/SA 179 Seamless (F/B)*										
FA130S190750049-35	A/SA 214 Welded	Min.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.049	0.750
FTA320S190750049-35	A/SA 179 Seamless										
FA320S190750049-35	A/SA 179 Seamless										
KA130S190750049-35	A/SA 214 Welded (F/B)*										
KTA320S190750049-35	A/SA 179 Seamless (F/B)*										
KA320S190750049-35	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

Fins Per Inch	19 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

*F/B = Fin Bend

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S190750065-35	A/SA 214 Welded	Av.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.058	0.750
FTA321S190750065-35	A/SA 179 Seamless										
FA321S190750065-35	A/SA 179 Seamless										
KA131S190750065-35	A/SA 214 Welded (F/B)*										
KTA321S190750065-35	A/SA 179 Seamless (F/B)*										
KA321S190750065-35	A/SA 179 Seamless (F/B)*										
FA130S19 0750065 -35	A/SA 214 Welded	Min.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.065	0.750
FTA320S19 0750065 -35	A/SA 179 Seamless										
FA320S19 0750065 -35	A/SA 179 Seamless										
KA130S19 0750065 -35	A/SA 214 Welded (F/B)*										
KTA320S19 0750065 -35	A/SA 179 Seamless (F/B)*										
KA320S19 0750065 -35	A/SA 179 Seamless (F/B)*										
FA131S190750083-35	A/SA 214 Welded	Av.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.074	0.750
FTA321S190750083-35	A/SA 179 Seamless										
FA321S190750083-35	A/SA 179 Seamless										
KA131S190750083-35	A/SA 214 Welded (F/B)*										
KTA321S190750083-35	A/SA 179 Seamless (F/B)*										
KA321S190750083-35	A/SA 179 Seamless (F/B)*										
FA130S19 0750083 -35	A/SA 214 Welded	Min.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.083	0.750
FTA320S19 0750083 -35	A/SA 179 Seamless										
FA320S19 0750083 -35	A/SA 179 Seamless										
KA130S19 0750083 -35	A/SA 214 Welded (F/B)*										
KTA320S19 0750083 -35	A/SA 179 Seamless (F/B)*										
KA320S19 0750083 -35	A/SA 179 Seamless (F/B)*										
FA131S190750109-35	A/SA 214 Welded	Av.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.099	0.750
FTA321S190750109-35	A/SA 179 Seamless										
FA321S190750109-35	A/SA 179 Seamless										
KA131S190750109-35	A/SA 214 Welded (F/B)*										
KTA321S190750109-35	A/SA 179 Seamless (F/B)*										
KA321S190750109-35	A/SA 179 Seamless (F/B)*										
FA130S19 0750109 -35	A/SA 214 Welded	Min.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.109	0.750
FTA320S19 0750109 -35	A/SA 179 Seamless										
FA320S19 0750109 -35	A/SA 179 Seamless										
KA130S19 0750109 -35	A/SA 214 Welded (F/B)*										
KTA320S19 0750109 -35	A/SA 179 Seamless (F/B)*										
KA320S19 0750109 -35	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

<i>Fins Per Inch</i>	19 -1 +2
<i>Fin Height</i>	.035 min.
<i>Fin Thickness</i>	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S191000049-35	A/SA 214 Welded	Av.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.044	1.000
FTA321S191000049-35	A/SA 179 Seamless										
FA321S191000049-35	A/SA 179 Seamless										
KA131S191000049-35	A/SA 214 Welded (F/B)*										
KTA321S191000049-35	A/SA 179 Seamless (F/B)*										
KA321S191000049-35	A/SA 179 Seamless (F/B)*										
FA130S191000049-35	A/SA 214 Welded	Min.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.049	1.000
FTA320S191000049-35	A/SA 179 Seamless										
FA320S191000049-35	A/SA 179 Seamless										
KA130S191000049-35	A/SA 214 Welded (F/B)*										
KTA320S191000049-35	A/SA 179 Seamless (F/B)*										
KA320S191000049-35	A/SA 179 Seamless (F/B)*										
FA131S191000065-35	A/SA 214 Welded	Av.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.058	1.000
FTA321S191000065-35	A/SA 179 Seamless										
FA321S191000065-35	A/SA 179 Seamless										
KA131S191000065-35	A/SA 214 Welded (F/B)*										
KTA321S191000065-35	A/SA 179 Seamless (F/B)*										
KA321S191000065-35	A/SA 179 Seamless (F/B)*										
FA130S191000065-35	A/SA 214 Welded	Min.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.065	1.000
FTA320S191000065-35	A/SA 179 Seamless										
FA320S191000065-35	A/SA 179 Seamless										
KA130S191000065-35	A/SA 214 Welded (F/B)*										
KTA320S191000065-35	A/SA 179 Seamless (F/B)*										
KA320S191000065-35	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

Fins Per Inch	19 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

*F/B = Fin Bend

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S191000083-35	A/SA 214 Welded	Av.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.074	1.000
FTA321S191000083-35	A/SA 179 Seamless										
FA321S191000083-35	A/SA 179 Seamless										
KA131S191000083-35	A/SA 214 Welded (F/B)*										
KTA321S191000083-35	A/SA 179 Seamless (F/B)*										
KA321S191000083-35	A/SA 179 Seamless (F/B)*	Min.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.083	1.000
FA130S19 1000083 -35	A/SA 214 Welded										
FTA320S19 1000083 -35	A/SA 179 Seamless										
FA320S19 1000083 -35	A/SA 179 Seamless										
KA130S19 1000083 -35	A/SA 214 Welded (F/B)*										
KTA320S19 1000083 -35	A/SA 179 Seamless (F/B)*										
KA320S19 1000083 -35	A/SA 179 Seamless (F/B)*	Av.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.097	1.000
FA131S191000109-35	A/SA 214 Welded										
FTA321S191000109-35	A/SA 179 Seamless										
FA321S191000109-35	A/SA 179 Seamless										
KA131S191000109-35	A/SA 214 Welded (F/B)*										
KTA321S191000109-35	A/SA 179 Seamless (F/B)*										
KA321S191000109-35	A/SA 179 Seamless (F/B)*	Min.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.109	1.000
FA130S19 1000109 -35	A/SA 214 Welded										
FTA320S19 1000109 -35	A/SA 179 Seamless										
FA320S19 1000109 -35	A/SA 179 Seamless										
KA130S19 1000109 -35	A/SA 214 Welded (F/B)*										
KTA320S19 1000109 -35	A/SA 179 Seamless (F/B)*										
KA320S19 1000109 -35	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

Fins Per Inch	26 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

*F/B = Fin Bend

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S260625049-35	A/SA 214 Welded	Av.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.044	0.625
FTA321S260625049-35	A/SA 179 Seamless										
FA321S260625049-35	A/SA 179 Seamless										
KA131S260625049-35	A/SA 214 Welded (F/B)*										
KTA321S260625049-35	A/SA 179 Seamless (F/B)*										
KA321S260625049-35	A/SA 179 Seamless (F/B)*										
FA130S260625049-35	A/SA 214 Welded	Min.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.049	0.625
FTA320S260625049-35	A/SA 179 Seamless										
FA320S260625049-35	A/SA 179 Seamless										
KA130S260625049-35	A/SA 214 Welded (F/B)*										
KTA320S260625049-35	A/SA 179 Seamless (F/B)*										
KA320S260625049-35	A/SA 179 Seamless (F/B)*										
FA131S260625065-35	A/SA 214 Welded	Av.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.058	0.625
FTA321S260625065-35	A/SA 179 Seamless										
FA321S260625065-35	A/SA 179 Seamless										
KA131S260625065-35	A/SA 214 Welded (F/B)*										
KTA321S260625065-35	A/SA 179 Seamless (F/B)*										
KA321S260625065-35	A/SA 179 Seamless (F/B)*										
FA130S260625065-35	A/SA 214 Welded	Min.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.065	0.625
FTA320S260625065-35	A/SA 179 Seamless										
FA320S260625065-35	A/SA 179 Seamless										
KA130S260625065-35	A/SA 214 Welded (F/B)*										
KTA320S260625065-35	A/SA 179 Seamless (F/B)*										
KA320S260625065-35	A/SA 179 Seamless (F/B)*										
FA131S260750049-35	A/SA 214 Welded	Av.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.044	0.750
FTA321S260750049-35	A/SA 179 Seamless										
FA321S260750049-35	A/SA 179 Seamless										
KA131S260750049-35	A/SA 214 Welded (F/B)*										
KTA321S260750049-35	A/SA 179 Seamless (F/B)*										
KA321S260750049-35	A/SA 179 Seamless (F/B)*										
FA130S260750049-35	A/SA 214 Welded	Min.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.049	0.750
FTA320S260750049-35	A/SA 179 Seamless										
FA320S260750049-35	A/SA 179 Seamless										
KA130S260750049-35	A/SA 214 Welded (F/B)*										
KTA320S260750049-35	A/SA 179 Seamless (F/B)*										
KA320S260750049-35	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

Fins Per Inch	26 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

*F/B = Fin Bend

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S260750065-35	A/SA 214 Welded	Av.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.058	0.750
FTA321S260750065-35	A/SA 179 Seamless										
FA321S260750065-35	A/SA 179 Seamless										
KA131S260750065-35	A/SA 214 Welded (F/B)*										
KTA321S260750065-35	A/SA 179 Seamless (F/B)*										
KA321S260750049-35	A/SA 179 Seamless (F/B)*										
FA130S26 0750065 -35	A/SA 214 Welded	Min.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.065	0.750
FTA320S26 0750065 -35	A/SA 179 Seamless										
FA320S26 0750065 -35	A/SA 179 Seamless										
KA130S26 0750065 -35	A/SA 214 Welded (F/B)*										
KTA320S26 0750065 -35	A/SA 179 Seamless (F/B)*										
KA320S26 0750065 -35	A/SA 179 Seamless (F/B)*										
FA131S260750083-35	A/SA 214 Welded	Av.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.074	0.750
FTA321S260750083-35	A/SA 179 Seamless										
FA321S260750083-35	A/SA 179 Seamless										
KA131S260750083-35	A/SA 214 Welded (F/B)*										
KTA321S260750083-35	A/SA 179 Seamless (F/B)*										
KA321S260750083-35	A/SA 179 Seamless (F/B)*										
FA130S26 0750083 -35	A/SA 214 Welded	Min.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.083	0.750
FTA320S26 0750083 -35	A/SA 179 Seamless										
FA320S26 0750083 -35	A/SA 179 Seamless										
KA130S26 0750083 -35	A/SA 214 Welded (F/B)*										
KTA320S26 0750083 -35	A/SA 179 Seamless (F/B)*										
KA320S26 0750083 -35	A/SA 179 Seamless (F/B)*										
FA131S260750109-35	A/SA 214 Welded	Av.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.099	0.750
FTA321S260750109-35	A/SA 179 Seamless										
FA321S260750109-35	A/SA 179 Seamless										
KA131S260750109-35	A/SA 214 Welded (F/B)*										
KTA321S260750109-35	A/SA 179 Seamless (F/B)*										
KA321S260750109-35	A/SA 179 Seamless (F/B)*										
FA130S26 0750109 -35	A/SA 214 Welded	Min.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.109	0.750
FTA320S26 0750109 -35	A/SA 179 Seamless										
FA320S26 0750109 -35	A/SA 179 Seamless										
KA130S26 0750109 -35	A/SA 214 Welded (F/B)*										
KTA320S26 0750109 -35	A/SA 179 Seamless (F/B)*										
KA320S26 0750109 -35	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

Fins Per Inch	26 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

*F/B = Fin Bend

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S261000049-35	A/SA 214 Welded	Av.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.044	1.000
FTA321S261000049-35	A/SA 179 Seamless										
FA321S261000049-35	A/SA 179 Seamless										
KA131S261000049-35	A/SA 214 Welded (F/B)*										
KTA321S261000049-35	A/SA 179 Seamless (F/B)*										
KA321S261000049-35	A/SA 179 Seamless (F/B)*	Min.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.049	1.000
FA130S26 1000049-35	A/SA 214 Welded										
FTA320S26 1000049-35	A/SA 179 Seamless										
FA320S26 1000049-35	A/SA 179 Seamless										
KA130S26 1000049-35	A/SA 214 Welded (F/B)*										
KTA320S26 1000049-35	A/SA 179 Seamless (F/B)*										
KA320S26 1000049-35	A/SA 179 Seamless (F/B)*	Av.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.058	1.000
FA131S261000065-35	A/SA 214 Welded										
FTA321S261000065-35	A/SA 179 Seamless										
FA321S261000065-35	A/SA 179 Seamless										
KA131S261000065-35	A/SA 214 Welded (F/B)*										
KTA321S261000065-35	A/SA 179 Seamless (F/B)*										
KA321S261000065-35	A/SA 179 Seamless (F/B)*	Min.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.065	1.000
FA130S26 1000065-35	A/SA 214 Welded										
FTA320S26 1000065-35	A/SA 179 Seamless										
FA320S26 1000065-35	A/SA 179 Seamless										
KA130S26 1000065-35	A/SA 214 Welded (F/B)*										
KTA320S26 1000065-35	A/SA 179 Seamless (F/B)*										
KA320S26 1000065-35	A/SA 179 Seamless (F/B)*	Av.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.074	1.000
FA131S261000083-35	A/SA 214 Welded										
FTA321S261000083-35	A/SA 179 Seamless										
FA321S261000083-35	A/SA 179 Seamless										
KA131S261000083-35	A/SA 214 Welded (F/B)*										
KTA321S261000083-35	A/SA 179 Seamless (F/B)*										
KA321S261000083-35	A/SA 179 Seamless (F/B)*	Min.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.083	1.000
FA130S26 1000083-35	A/SA 214 Welded										
FTA320S26 1000083-35	A/SA 179 Seamless										
FA320S26 1000083-35	A/SA 179 Seamless										
KA130S26 1000083-35	A/SA 214 Welded (F/B)*										
KTA320S26 1000083-35	A/SA 179 Seamless (F/B)*										
KA320S26 1000083-35	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

<i>Fins Per Inch</i>	26	-1	+2
<i>Fin Height</i>	.035 min.		
<i>Fin Thickness</i>	.011 Nominal		

*F/B = Fin Bend

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S261000109-35	A/SA 214 Welded	Av.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.097	1.000
FTA321S261000109-35	A/SA 179 Seamless										
FA321S261000109-35	A/SA 179 Seamless										
KA131S261000109-35	A/SA 214 Welded (F/B)*										
KTA321S261000109-35	A/SA 179 Seamless (F/B)*										
KA321S261000109-35	A/SA 179 Seamless (F/B)*	Min.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.109	1.000
FA130S26 1000109 -35	A/SA 214 Welded										
FTA320S26 1000109 -35	A/SA 179 Seamless										
FA320S26 1000109 -35	A/SA 179 Seamless										
KA130S26 1000109 -35	A/SA 214 Welded (F/B)*										
KTA320S26 1000109 -35	A/SA 179 Seamless (F/B)*										
KA320S26 1000109 -35	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

Fins Per Inch	28 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

*F/B = Fin Bend

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S280625049-35	A/SA 214 Welded	Av.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.044	0.625
FTA321S280625049-35	A/SA 179 Seamless										
FA321S280625049-35	A/SA 179 Seamless										
KA131S280625049-35	A/SA 214 Welded (F/B)*										
KTA321S280625049-35	A/SA 179 Seamless (F/B)*										
KA321S280625049-35	A/SA 179 Seamless (F/B)*										
FA130S280625049-35	A/SA 214 Welded	Min.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.049	0.625
FTA320S280625049-35	A/SA 179 Seamless										
FA320S280625049-35	A/SA 179 Seamless										
KA130S280625049-35	A/SA 214 Welded (F/B)*										
KTA320S280625049-35	A/SA 179 Seamless (F/B)*										
KA320S280625049-35	A/SA 179 Seamless (F/B)*										
FA131S280625065-35	A/SA 214 Welded	Av.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.058	0.625
FTA321S280625065-35	A/SA 179 Seamless										
FA321S280625065-35	A/SA 179 Seamless										
KA131S280625065-35	A/SA 214 Welded (F/B)*										
KTA321S280625065-35	A/SA 179 Seamless (F/B)*										
KA321S280625065-35	A/SA 179 Seamless (F/B)*										
FA130S280625065-35	A/SA 214 Welded	Min.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.065	0.625
FTA320S280625065-35	A/SA 179 Seamless										
FA320S280625065-35	A/SA 179 Seamless										
KA130S280625065-35	A/SA 214 Welded (F/B)*										
KTA320S280625065-35	A/SA 179 Seamless (F/B)*										
KA320S280625065-35	A/SA 179 Seamless (F/B)*										
FA131S280750049-35	A/SA 214 Welded	Av.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.044	0.750
FTA321S280750049-35	A/SA 179 Seamless										
FA321S280750049-35	A/SA 179 Seamless										
KA131S280750049-35	A/SA 214 Welded (F/B)*										
KTA321S280750049-35	A/SA 179 Seamless (F/B)*										
KA321S280750049-35	A/SA 179 Seamless (F/B)*										
FA130S280750049-35	A/SA 214 Welded	Min.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.049	0.750
FTA320S280750049-35	A/SA 179 Seamless										
FA320S280750049-35	A/SA 179 Seamless										
KA130S280750049-35	A/SA 214 Welded (F/B)*										
KTA320S280750049-35	A/SA 179 Seamless (F/B)*										
KA320S280750049-35	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

Fins Per Inch	28 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

*F/B = Fin Bend

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S280750065-35	A/SA 214 Welded	Av.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.058	0.750
FTA321S280750065-35	A/SA 179 Seamless										
FA321S280750065-35	A/SA 179 Seamless										
KA131S280750065-35	A/SA 214 Welded (F/B)*										
KTA321S280750065-35	A/SA 179 Seamless (F/B)*										
KA321S280750065-35	A/SA 179 Seamless (F/B)*										
FA130S28 0750065 -35	A/SA 214 Welded	Min.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.065	0.750
FTA320S28 0750065 -35	A/SA 179 Seamless										
FA320S28 0750065 -35	A/SA 179 Seamless										
KA130S28 0750065 -35	A/SA 214 Welded (F/B)*										
KTA320S28 0750065 -35	A/SA 179 Seamless (F/B)*										
KA320S28 0750065 -35	A/SA 179 Seamless (F/B)*										
FA131S280750083-35	A/SA 214 Welded	Av.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.074	0.750
FTA321S280750083-35	A/SA 179 Seamless										
FA321S280750083-35	A/SA 179 Seamless										
KA131S280750083-35	A/SA 214 Welded (F/B)*										
KTA321S280750083-35	A/SA 179 Seamless (F/B)*										
KA321S280750083-35	A/SA 179 Seamless (F/B)*										
FA130S28 0750083 -35	A/SA 214 Welded	Min.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.083	0.750
FTA320S28 0750083 -35	A/SA 179 Seamless										
FA320S28 0750083 -35	A/SA 179 Seamless										
KA130S28 0750083 -35	A/SA 214 Welded (F/B)*										
KTA320S28 0750083 -35	A/SA 179 Seamless (F/B)*										
KA320S28 0750083 -35	A/SA 179 Seamless (F/B)*										
FA131S280750109-35	A/SA 214 Welded	Av.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.097	0.750
FTA321S280750109-35	A/SA 179 Seamless										
FA321S280750109-35	A/SA 179 Seamless										
KA131S280750109-35	A/SA 214 Welded (F/B)*										
KTA321S280750109-35	A/SA 179 Seamless (F/B)*										
KA320S280750109-35	A/SA 179 Seamless (F/B)*										
FA130S28 0750109 -35	A/SA 214 Welded	Min.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.109	0.750
FTA320S28 0750109 -35	A/SA 179 Seamless										
FA320S28 0750109 -35	A/SA 179 Seamless										
KA130S28 0750109 -35	A/SA 214 Welded (F/B)*										
KTA320S28 0750109 -35	A/SA 179 Seamless (F/B)*										
KA320S28 0750109 -35	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

Fins Per Inch	28 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

*F/B = Fin Bend

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S281000049-35	A/SA 214 Welded	Av.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.044	1.000
FTA321S281000049-35	A/SA 179 Seamless										
FA321S281000049-35	A/SA 179 Seamless										
KA131S281000049-35	A/SA 214 Welded (F/B)*										
KTA321S281000049-35	A/SA 179 Seamless (F/B)*										
KA321S281000049-35	A/SA 179 Seamless (F/B)*										
FA130S28 1000049-35	A/SA 214 Welded	Min.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.049	1.000
FTA320S28 1000049-35	A/SA 179 Seamless										
FA320S28 1000049-35	A/SA 179 Seamless										
KA130S28 1000049-35	A/SA 214 Welded (F/B)*										
KTA320S28 1000049-35	A/SA 179 Seamless (F/B)*										
KA320S28 1000049-35	A/SA 179 Seamless (F/B)*										
FA131S281000065-35	A/SA 214 Welded	Av.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.058	1.000
FTA321S281000065-35	A/SA 179 Seamless										
FA321S281000065-35	A/SA 179 Seamless										
KA131S281000065-35	A/SA 214 Welded (F/B)*										
KTA321S281000065-35	A/SA 179 Seamless (F/B)*										
KA321S281000065-35	A/SA 179 Seamless (F/B)*										
FA130S28 1000065-35	A/SA 214 Welded	Min.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.065	1.000
FTA320S28 1000065-35	A/SA 179 Seamless										
FA320S28 1000065-35	A/SA 179 Seamless										
KA130S28 1000065-35	A/SA 214 Welded (F/B)*										
KTA320S28 1000065-35	A/SA 179 Seamless (F/B)*										
KA320S28 1000065-35	A/SA 179 Seamless (F/B)*										
FA131S281000083-35	A/SA 214 Welded	Av.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.074	1.000
FTA321S281000083-35	A/SA 179 Seamless										
FA321S281000083-35	A/SA 179 Seamless										
KA131S281000083-35	A/SA 214 Welded (F/B)*										
KTA321S281000083-35	A/SA 179 Seamless (F/B)*										
KA321S281000083-35	A/SA 179 Seamless (F/B)*										
FA130S28 1000083-35	A/SA 214 Welded	Min.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.083	1.000
FTA320S28 1000083-35	A/SA 179 Seamless										
FA320S28 1000083-35	A/SA 179 Seamless										
KA130S28 1000083-35	A/SA 214 Welded (F/B)*										
KTA320S28 1000083-35	A/SA 179 Seamless (F/B)*										
KA320S28 1000083-35	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

<i>Fins Per Inch</i>	28	-1 +2
<i>Fin Height</i>	.035 min.	
<i>Fin Thickness</i>	.011 Nominal	

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131S281000109-35	A/SA 214 Welded	Av.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.097	1.000
FTA321S281000109-35	A/SA 179 Seamless										
FA321S281000109-35	A/SA 179 Seamless										
KA131S281000109-35	A/SA 214 Welded (F/B)*										
KTA321S281000109-35	A/SA 179 Seamless (F/B)*										
KA321S281000109-35	A/SA 179 Seamless (F/B)*	Min.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.109	1.000
FA130S28 1000109 -35	A/SA 214 Welded										
FTA320S28 1000109 -35	A/SA 179 Seamless										
FA320S28 1000109 -35	A/SA 179 Seamless										
KA130S28 1000109 -35	A/SA 214 Welded (F/B)*										
KTA320S28 1000109 -35	A/SA 179 Seamless (F/B)*										
KA320S28 1000109 -35	A/SA 179 Seamless (F/B)*										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131S19 0625049 -50	A/SA 214 Welded	Av.	19	0.612	0.600	0.625	0.512	0.500	0.525	0.044	0.625
FTA321S19 0625049 -50	A/SA 179 Seamless										
FA321S09 0625049 -50	A/SA 179 Seamless										
KA131S19 0625049 -50	A/SA 214 Welded (F/B)*										
KTA321S19 0625049 -50	A/SA 179 Seamless (F/B)*										
KA321S19 0625049 -50	A/SA 179 Seamless (F/B)*										
FA130S19 0625049 -50	A/SA 214 Welded	Min.	19	0.612	0.600	0.625	0.512	0.500	0.525	0.049	0.625
FTA320S19 0625049 -50	A/SA 179 Seamless										
FA320S19 0625049 -50	A/SA 179 Seamless										
KA130S19 0625049 -50	A/SA 214 Welded (F/B)*										
KTA320S19 0625049 -50	A/SA 179 Seamless (F/B)*										
KA320S19 0625049 -50	A/SA 179 Seamless (F/B)*										
FA131S19 0625065 -50	A/SA 214 Welded	Av.	19	0.612	0.600	0.625	0.512	0.500	0.525	0.058	0.625
FTA321S19 0625065 -50	A/SA 179 Seamless										
FA321S19 0625065 -50	A/SA 179 Seamless										
KA131S19 0625065 -50	A/SA 214 Welded (F/B)*										
KTA321S19 0625065 -50	A/SA 179 Seamless (F/B)*										
KA321S19 0625065 -50	A/SA 179 Seamless (F/B)*										
FA130S19 0625065 -50	A/SA 214 Welded	Min.	19	0.612	0.600	0.625	0.512	0.500	0.525	0.065	0.625
FTA320S19 0625065 -50	A/SA 179 Seamless										
FA320S19 0625065 -50	A/SA 179 Seamless										
KA130S19 0625065 -50	A/SA 214 Welded (F/B)*										
KTA320S19 0625065 -50	A/SA 179 Seamless (F/B)*										
KA320S19 0625065 -50	A/SA 179 Seamless (F/B)*										
FA131S19 0750049 -50	A/SA 214 Welded	Av.	19	0.740	0.725	0.750	0.640	0.625	0.650	0.044	0.750
FTA321S19 0750049 -50	A/SA 179 Seamless										
FA321S19 0750049 -50	A/SA 179 Seamless										
KA131S19 0750049 -50	A/SA 214 Welded (F/B)*										
KTA321S19 0750049 -50	A/SA 179 Seamless (F/B)*										
KA321S19 0750049 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
		Min.	19	0.740	0.725	0.750	0.640	0.625	0.650	0.049	0.750
FA130S19 0750049 -50	A/SA 214 Welded										
FTA320S19 0750049 -50	A/SA 179 Seamless										
FA320S19 0750049 -50	A/SA 179 Seamless										
KA130S19 0750049 -50	A/SA 214 Welded (F/B)*										
KTA320S19 0750049 -50	A/SA 179 Seamless (F/B)*										
		Av.	19	0.740	0.725	0.750	0.640	0.625	0.650	0.058	0.750
FA131S190 750065 -50	A/SA 214 Welded										
FTA321S19 0750065 -50	A/SA 179 Seamless										
FA321S19 0750065 -50	A/SA 179 Seamless										
KA131S19 0750065 -50	A/SA 214 Welded (F/B)*										
KTA321S19 0750065 -50	A/SA 179 Seamless (F/B)*										
		Min.	19	0.740	0.725	0.750	0.640	0.625	0.650	0.065	0.750
FA130S19 0750065 -50	A/SA 214 Welded										
FTA320S19 0750065 -50	A/SA 179 Seamless										
FA320S19 0750065 -50	A/SA 179 Seamless										
KA130S19 0750065 -50	A/SA 214 Welded (F/B)*										
KTA320S19 0750065 -50	A/SA 179 Seamless (F/B)*										
		Av.	19	0.740	0.725	0.750	0.640	0.625	0.650	0.074	0.750
FA131S19 0750083 -50	A/SA 214 Welded										
FTA321S19 0750083 -50	A/SA 179 Seamless										
FA321S19 0750083 -50	A/SA 179 Seamless										
KA131S19 0750083 -50	A/SA 214 Welded (F/B)*										
KTA321S19 0750083 -50	A/SA 179 Seamless (F/B)*										
		Min.	19	0.740	0.725	0.750	0.640	0.625	0.650	0.083	0.750
FA130S19 0750083 -50	A/SA 214 Welded										
FTA320S19 0750083 -50	A/SA 179 Seamless										
FA320S19 0750083 -50	A/SA 179 Seamless										
KA130S19 0750083 -50	A/SA 214 Welded (F/B)*										
KTA320S19 0750083 -50	A/SA 179 Seamless (F/B)*										
KA320S19 0750083 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131S19 0750109 -50	A/SA 214 Welded	Av.	19	0.740	0.725	0.750	0.640	0.625	0.650	0.097	0.750
FTA321S19 0750109 -50	A/SA 179 Seamless										
FA321S19 0750109 -50	A/SA 179 Seamless										
KA131S19 0750109 -50	A/SA 214 Welded (F/B)*										
KTA321S19 0750109 -50	A/SA 179 Seamless (F/B)*										
KA321S19 0750109 -50	A/SA 179 Seamless (F/B)*										
FA130S19 0750109 -50	A/SA 214 Welded	Min.	19	0.740	0.725	0.750	0.640	0.625	0.650	0.109	0.750
FTA320S19 0750109 -50	A/SA 179 Seamless										
FA320S19 0750109 -50	A/SA 179 Seamless										
KA130S19 0750109 -50	A/SA 214 Welded (F/B)*										
KTA320S19 0750109 -50	A/SA 179 Seamless (F/B)*										
KA320S19 0750109 -50	A/SA 179 Seamless (F/B)*										
FA131S19 1000049 -50	A/SA 214 Welded	Av.	19	0.985	0.975	1.000	0.885	0.875	0.900	0.044	1.000
FTA321S19 1000049 -50	A/SA 179 Seamless										
FA321S19 1000049 -50	A/SA 179 Seamless										
KA131S19 1000049 -50	A/SA 214 Welded (F/B)*										
KTA321S19 1000049 -50	A/SA 179 Seamless (F/B)*										
KA321S19 1000049 -50	A/SA 179 Seamless (F/B)*										
FA130S19 1000049 -50	A/SA 214 Welded	Min.	19	0.985	0.975	1.000	0.885	0.875	0.900	0.049	1.000
FTA320S19 1000049 -50	A/SA 179 Seamless										
FA320S19 1000049 -50	A/SA 179 Seamless										
KA130S19 1000049 -50	A/SA 214 Welded (F/B)*										
KTA320S19 1000049 -50	A/SA 179 Seamless (F/B)*										
KA320S19 1000049 -50	A/SA 179 Seamless (F/B)*										
FA131S19 1000065 -50	A/SA 214 Welded	Av.	19	0.985	0.975	1.000	0.885	0.875	0.900	0.058	1.000
FTA321S19 1000065 -50	A/SA 179 Seamless										
FA321S19 1000065 -50	A/SA 179 Seamless										
KA131S19 1000065 -50	A/SA 214 Welded (F/B)*										
KTA321S19 1000065 -50	A/SA 179 Seamless (F/B)*										
KA321S19 1000065 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA130S19 1000065 -50	A/SA 214 Welded	Min.	19	0.985	0.975	1.000	0.885	0.875	0.900	0.065	1.000
FTA320S19 1000065 -50	A/SA 179 Seamless										
FA320S19 1000065 -50	A/SA 179 Seamless										
KA130S19 1000065 -50	A/SA 214 Welded (F/B)*										
KTA320S19 1000065 -50	A/SA 179 Seamless (F/B)*										
KA320S19 1000065 -50	A/SA 179 Seamless (F/B)*										
FA131S19 1000083 -50	A/SA 214 Welded	Av.	19	0.985	0.975	1.000	0.885	0.875	0.900	0.074	1.000
FTA321S19 1000083 -50	A/SA 179 Seamless										
FA321S19 1000083 -50	A/SA 179 Seamless										
KA131S19 1000083 -50	A/SA 214 Welded (F/B)*										
KTA321S19 1000083 -50	A/SA 179 Seamless (F/B)*										
KA321S19 1000083 -50	A/SA 179 Seamless (F/B)*										
FA130S19 1000083 -50	A/SA 214 Welded	Min.	19	0.985	0.975	1.000	0.885	0.875	0.900	0.083	1.000
FTA320S19 1000083 -50	A/SA 179 Seamless										
FA320S19 1000083 -50	A/SA 179 Seamless										
KA130S19 1000083 -50	A/SA 214 Welded (F/B)*										
KTA320S19 1000083 -50	A/SA 179 Seamless (F/B)*										
KA320S19 1000083 -50	A/SA 179 Seamless (F/B)*										
FA131S19 1000109 -50	A/SA 214 Welded	Av.	19	0.985	0.975	1.000	0.885	0.875	0.900	0.097	1.000
FTA321S19 1000109 -50	A/SA 179 Seamless										
FA321S19 1000109 -50	A/SA 179 Seamless										
KA131S19 1000109 -50	A/SA 214 Welded (F/B)*										
KTA321S19 1000109 -50	A/SA 179 Seamless (F/B)*										
KA321S19 1000109 -50	A/SA 179 Seamless (F/B)*										
FA130S19 1000109 -50	A/SA 214 Welded	Min.	19	0.985	0.975	1.000	0.885	0.875	0.900	0.109	1.000
FTA320S19 1000109 -50	A/SA 179 Seamless										
FA320S19 1000109 -50	A/SA 179 Seamless										
KA130S19 1000109 -50	A/SA 214 Welded (F/B)*										
KTA320S19 1000109 -50	A/SA 179 Seamless (F/B)*										
KA320S19 1000109 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	Fins per Inch	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131S26 0625049 -50	A/SA 214 Welded	Av.	26	0.612	0.600	0.625	0.512	0.500	0.525	0.044	0.625
FTA321S26 0625049 -50	A/SA 179 Seamless										
FA321S26 0625049 -50	A/SA 179 Seamless										
KA131S26 0625049 -50	A/SA 214 Welded (F/B)*										
KTA321S26 0625049 -50	A/SA 179 Seamless (F/B)*										
KA321S26 0625049 -50	A/SA 179 Seamless (F/B)*	Min.	26	0.612	0.600	0.625	0.512	0.500	0.525	0.049	0.625
FA130S26 0625049 -50	A/SA 214 Welded										
FTA320S26 0625049 -50	A/SA 179 Seamless										
FA320S26 0625049 -50	A/SA 179 Seamless										
KA130S26 0625049 -50	A/SA 214 Welded (F/B)*										
KTA320S26 0625049 -50	A/SA 179 Seamless (F/B)*	Av.	26	0.612	0.600	0.625	0.512	0.500	0.525	0.058	0.625
KA321S26 0625065 -50	A/SA 179 Seamless (F/B)*										
FA131S26 0625065 -50	A/SA 214 Welded										
FTA321S26 0625065 -50	A/SA 179 Seamless										
FT321S26 0625065 -50	A/SA 179 Seamless										
KA131S26 0625065 -50	A/SA 214 Welded (F/B)*	Min.	26	0.612	0.600	0.625	0.512	0.500	0.525	0.065	0.625
KTA321S26 0625065 -50	A/SA 179 Seamless (F/B)*										
KA321S26 0625065 -50	A/SA 179 Seamless (F/B)*										
FA130S26 0625065 -50	A/SA 214 Welded										
FTA320S26 0625065 -50	A/SA 179 Seamless										
FA320S26 0625065 -50	A/SA 179 Seamless	Av.	26	0.740	0.725	0.750	0.640	0.625	0.650	0.044	0.750
KA131S26 0750049 -50	A/SA 214 Welded (F/B)*										
KTA321S26 0750049 -50	A/SA 179 Seamless (F/B)*										
KA321S26 0750049 -50	A/SA 179 Seamless (F/B)*										
FA130S26 0750049 -50	A/SA 214 Welded										
FTA320S26 0750049 -50	A/SA 179 Seamless	Min.	26	0.740	0.725	0.750	0.640	0.625	0.650	0.049	0.750
FA320S26 0750049 -50	A/SA 179 Seamless										
KA130S26 0750049 -50	A/SA 214 Welded (F/B)*										
KTA320S26 0750049 -50	A/SA 179 Seamless (F/B)*										
KA320S26 0750049 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131S26 0750065 -50	A/SA 214 Welded	Av.	26	0.740	0.725	0.750	0.640	0.625	0.650	0.058	0.750
FTA321S26 0750065 -50	A/SA 179 Seamless										
FA321S26 0750065 -50	A/SA 179 Seamless										
KA131S26 0750065 -50	A/SA 214 Welded (F/B)*										
KTA321S 0750065 -50	A/SA 179 Seamless (F/B)*										
KA321S 0750065 -50	A/SA 179 Seamless (F/B)*										
FA130S26 0750065 -50	A/SA 214 Welded	Min.	26	0.740	0.725	0.750	0.640	0.625	0.650	0.065	0.750
FTA320S26 0750065 -50	A/SA 179 Seamless										
FA320S26 0750065 -50	A/SA 179 Seamless										
KA130S26 0750065 -50	A/SA 214 Welded (F/B)*										
KTA320S26 0750065 -50	A/SA 179 Seamless (F/B)*										
KA320S26 0750065 -50	A/SA 179 Seamless (F/B)*										
FA131S26 0750083 -50	A/SA 214 Welded	Av.	26	0.740	0.725	0.750	0.640	0.625	0.650	0.074	0.750
FTA321S26 0750083 -50	A/SA 179 Seamless										
FA321S26 0750083 -50	A/SA 179 Seamless										
KA131S26 0750083 -50	A/SA 214 Welded (F/B)*										
KTA321S26 0750083 -50	A/SA 179 Seamless (F/B)*										
KA321S26 0750083 -50	A/SA 179 Seamless (F/B)*										
FA130S26 0750083 -50	A/SA 214 Welded	Min.	26	0.740	0.725	0.750	0.640	0.625	0.650	0.083	0.750
FTA320S26 0750083 -50	A/SA 179 Seamless										
FA320S26 0750083 -50	A/SA 179 Seamless										
KA130S26 0750083 -50	A/SA 214 Welded (F/B)*										
KTA320S26 0750083 -50	A/SA 179 Seamless (F/B)*										
KA320S26 0750083 -50	A/SA 179 Seamless (F/B)*										
FA131S26 0750109 -50	A/SA 214 Welded	Av.	26	0.740	0.725	0.750	0.640	0.625	0.650	0.097	0.750
FTA321S26 0750109 -50	A/SA 179 Seamless										
FA321S26 0750109 -50	A/SA 179 Seamless										
KA131S26 0750109 -50	A/SA 214 Welded (F/B)*										
KTA321S26 0750109 -50	A/SA 179 Seamless (F/B)*										
KA321S26 0750109 -50	A/SA 179 Seamless (F/B)*										
FA130S26 0750109 -50	A/SA 214 Welded	Min.	26	0.740	0.725	0.750	0.640	0.625	0.650	0.109	0.750
FTA320S26 0750109 -50	A/SA 179 Seamless										
FA320S26 0750109 -50	A/SA 179 Seamless										
KA130S26 0750109 -50	A/SA 214 Welded (F/B)*										
KTA320S26 0750109 -50	A/SA 179 Seamless (F/B)*										
KA320S26 0750109 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131S26 1000049 -50	A/SA 214 Welded	Av.	26	0.985	0.975	1.000	0.885	0.875	0.900	0.044	1.000
FTA321S26 1000049 -50	A/SA 179 Seamless										
FA321S26 1000049 -50	A/SA 179 Seamless										
KA131S26 1000049 -50	A/SA 214 Welded (F/B)*										
KTA321S26 1000049 -50	A/SA 179 Seamless (F/B)*										
KA321S26 1000049 -50	A/SA 179 Seamless (F/B)*	Min.	26	0.985	0.975	1.000	0.885	0.875	0.900	0.049	1.000
FA130S26 1000049 -50	A/SA 214 Welded										
FTA320S26 1000049 -50	A/SA 179 Seamless										
FA320S26 1000049 -50	A/SA 179 Seamless										
KA130S26 1000049 -50	A/SA 214 Welded (F/B)*										
KTA320S26 1000049 -50	A/SA 179 Seamless (F/B)*	Av.	26	0.985	0.975	1.000	0.885	0.875	0.900	0.058	1.000
KA320S26 1000049 -50	A/SA 179 Seamless (F/B)*										
FA131S26 1000065 -50	A/SA 214 Welded										
FTA321S26 1000065 -50	A/SA 179 Seamless										
FA321S26 1000065 -50	A/SA 179 Seamless										
KA131S26 1000065 -50	A/SA 214 Welded (F/B)*	Min.	26	0.985	0.975	1.000	0.885	0.875	0.900	0.065	1.000
KTA321S26 1000065 -50	A/SA 179 Seamless (F/B)*										
KA321S26 1000065 -50	A/SA 179 Seamless (F/B)*										
FA130S26 1000065 -50	A/SA 214 Welded										
FTA320S26 1000065 -50	A/SA 179 Seamless										
FA320S26 1000065 -50	A/SA 179 Seamless	Av.	26	0.985	0.975	1.000	0.885	0.875	0.900	0.074	1.000
KA130S26 1000065 -50	A/SA 214 Welded (F/B)*										
KTA320S26 1000065 -50	A/SA 179 Seamless (F/B)*										
KA320S26 1000065 -50	A/SA 179 Seamless (F/B)*										
FA131S26 1000083 -50	A/SA 214 Welded										
FTA321S26 1000083 -50	A/SA 179 Seamless										
FA321S26 1000083 -50	A/SA 179 Seamless										
KA131S26 1000083 -50	A/SA 214 Welded (F/B)*										
KTA321S26 1000083 -50	A/SA 179 Seamless (F/B)*										
KA321S26 1000083 -50	A/SA 179 Seamless (F/B)*	Av.	26	0.985	0.975	1.000	0.885	0.875	0.900	0.074	1.000
FA130S26 1000083 -50	A/SA 214 Welded										
FTA320S26 1000083 -50	A/SA 179 Seamless										
FA320S26 1000083 -50	A/SA 179 Seamless										
KA130S26 1000083 -50	A/SA 214 Welded (F/B)*										
KTA320S26 1000083 -50	A/SA 179 Seamless (F/B)*	Min.	26	0.985	0.975	1.000	0.885	0.875	0.900	0.083	1.000
KA320S26 1000083 -50	A/SA 179 Seamless (F/B)*										
FA131S26 1000083 -50	A/SA 214 Welded										
FTA321S26 1000083 -50	A/SA 179 Seamless										
FA321S26 1000083 -50	A/SA 179 Seamless										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
<i>FA131S26 1000109 -50</i>	<i>A/SA 214 Welded</i>	<i>Av.</i>	26	<i>0.985</i>	<i>0.975</i>	<i>1.000</i>	<i>0.885</i>	<i>0.875</i>	<i>0.900</i>	<i>0.097</i>	<i>1.000</i>
<i>FTA321S26 1000109 -50</i>	<i>A/SA 179 Seamless</i>										
<i>FA321S26 1000109 -50</i>	<i>A/SA 179 Seamless</i>										
<i>KA131S26 1000109 -50</i>	<i>A/SA 214 Welded (F/B)*</i>										
<i>KTA321S26 1000109 -50</i>	<i>A/SA 179 Seamless (F/B)*</i>										
<i>KA321S26 1000109 -50</i>	<i>A/SA 179 Seamless (F/B)*</i>										
<i>FA130S26 1000109 -50</i>	<i>A/SA 214 Welded</i>	<i>Min.</i>	26	<i>0.985</i>	<i>0.975</i>	<i>1.000</i>	<i>0.885</i>	<i>0.875</i>	<i>0.900</i>	<i>0.109</i>	<i>1.000</i>
<i>FTA320S26 1000109 -50</i>	<i>A/SA 179 Seamless</i>										
<i>FA320S26 1000109 -50</i>	<i>A/SA 179 Seamless</i>										
<i>KA130S26 1000109 -50</i>	<i>A/SA 214 Welded (F/B)*</i>										
<i>KTA320S26 1000109 -50</i>	<i>A/SA 179 Seamless (F/B)*</i>										
<i>KA320S26 1000109 -50</i>	<i>A/SA 179 Seamless (F/B)*</i>										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131S28 0625049 -50	A/SA 214 Welded	Av.	28	0.612	0.600	0.625	0.512	0.500	0.525	0.044	0.625
FTA321S28 0625049 -50	A/SA 179 Seamless										
FA321S28 0625049 -50	A/SA 179 Seamless										
KA131S28 0625049 -50	A/SA 214 Welded (F/B)*										
KTA321S28 0625049 -50	A/SA 179 Seamless (F/B)*										
KA320S28 0625049 -50	A/SA 179 Seamless (F/B)*										
FA130S28 0625049 -50	A/SA 214 Welded	Min.	28	0.612	0.600	0.625	0.512	0.500	0.525	0.049	0.625
FTA320S28 0625049 -50	A/SA 179 Seamless										
FA320S28 0625049 -50	A/SA 179 Seamless										
KA130S28 0625049 -50	A/SA 214 Welded (F/B)*										
KTA320S28 0625049 -50	A/SA 179 Seamless (F/B)*										
KA320S28 0625049 -50	A/SA 179 Seamless (F/B)*										
FA131S28 0625065 -50	A/SA 214 Welded	Av.	28	0.612	0.600	0.625	0.512	0.500	0.525	0.058	0.625
FTA321S28 0625065 -50	A/SA 179 Seamless										
FA321S28 0625065 -50	A/SA 179 Seamless										
KA131S28 0625065 -50	A/SA 214 Welded (F/B)*										
KTA321S28 0625065 -50	A/SA 179 Seamless (F/B)*										
KA321S28 0625065 -50	A/SA 179 Seamless (F/B)*										
FA130S28 0625065 -50	A/SA 214 Welded	Min.	28	0.612	0.600	0.625	0.512	0.500	0.525	0.065	0.625
FTA320S28 0625065 -50	A/SA 179 Seamless										
FA320S28 0625065 -50	A/SA 179 Seamless										
KA130S28 0625065 -50	A/SA 214 Welded (F/B)*										
KTA320S28 0625065 -50	A/SA 179 Seamless (F/B)*										
KA320S28 0625065 -50	A/SA 179 Seamless (F/B)*										
FA131S28 0750049 -50	A/SA 214 Welded	Av.	28	0.740	0.725	0.750	0.640	0.625	0.650	0.044	0.750
FTA321S28 0750049 -50	A/SA 179 Seamless										
FA321S28 0750049 -50	A/SA 179 Seamless										
KA131S28 0750049 -50	A/SA 214 Welded (F/B)*										
KTA321S28 0750049 -50	A/SA 179 Seamless (F/B)*										
KA321S28 0750049 -50	A/SA 179 Seamless (F/B)*										
FA130S28 0750049 -50	A/SA 214 Welded	Min.	28	0.740	0.725	0.750	0.640	0.625	0.650	0.049	0.750
FTA320S28 0750049 -50	A/SA 179 Seamless										
FA320S28 0750049 -50	A/SA 179 Seamless										
KA130S28 0750049 -50	A/SA 214 Welded (F/B)*										
KTA320S28 0750049 -50	A/SA 179 Seamless (F/B)*										
KA320S28 0750049 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131S28 0750065 -50	A/SA 214 Welded	Av.	28	0.740	0.725	0.750	0.640	0.625	0.650	0.058	0.750
FTA321S28 0750065 -50	A/SA 179 Seamless										
FA321S28 0750065 -50	A/SA 179 Seamless										
KA131S28 0750065 -50	A/SA 214 Welded (F/B)*										
KTA321S28 0750065 -50	A/SA 179 Seamless (F/B)*										
KA321S28 0750065 -50	A/SA 179 Seamless (F/B)*										
FA130S28 0750065 -50	A/SA 214 Welded	Min.	28	0.740	0.725	0.750	0.640	0.625	0.650	0.065	0.750
FTA320S28 0750065 -50	A/SA 179 Seamless										
FA320S28 0750065 -50	A/SA 179 Seamless										
KA130S28 0750065 -50	A/SA 214 Welded (F/B)*										
KTA320S28 0750065 -50	A/SA 179 Seamless (F/B)*										
KA320S28 0750065 -50	A/SA 179 Seamless (F/B)*										
FA131S28 0750083 -50	A/SA 214 Welded	Av.	28	0.740	0.725	0.750	0.640	0.625	0.650	0.074	0.750
FTA321S28 0750083 -50	A/SA 179 Seamless										
FA321S28 0750083 -50	A/SA 179 Seamless										
KA131S28 0750083 -50	A/SA 214 Welded (F/B)*										
KTA321S28 0750083 -50	A/SA 179 Seamless (F/B)*										
KA321S28 0750083 -50	A/SA 179 Seamless (F/B)*										
FA130S28 0750083 -50	A/SA 214 Welded	Min.	28	0.740	0.725	0.750	0.640	0.625	0.650	0.083	0.750
FTA320S28 0750083 -50	A/SA 179 Seamless										
FA320S28 0750083 -50	A/SA 179 Seamless										
KA130S28 0750083 -50	A/SA 214 Welded (F/B)*										
KTA320S28 0750083 -50	A/SA 179 Seamless (F/B)*										
KA320S28 0750083 -50	A/SA 179 Seamless (F/B)*										
FA131S28 0750109 -50	A/SA 214 Welded	Av.	28	0.740	0.725	0.750	0.640	0.625	0.650	0.097	0.750
FTA321S28 0750109 -50	A/SA 179 Seamless										
FA321S28 0750109 -50	A/SA 179 Seamless										
KA131S28 0750109 -50	A/SA 214 Welded (F/B)*										
KTA321S28 0750109 -50	A/SA 179 Seamless (F/B)*										
KA321S28 0750109 -50	A/SA 179 Seamless (F/B)*										
FA130S28 0750109 -50	A/SA 214 Welded	Min.	28	0.740	0.725	0.750	0.640	0.625	0.650	0.109	0.750
FTA320S28 0750109 -50	A/SA 179 Seamless										
FA320S28 0750109 -50	A/SA 179 Seamless										
KA130S28 0750109 -50	A/SA 214 Welded (F/B)*										
KTA320S28 0750109 -50	A/SA 179 Seamless (F/B)*										
KA320S28 0750109 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131S28 1000049 -50	A/SA 214 Welded	Av.	28	0.985	0.975	1.000	0.885	0.875	0.900	0.044	1.000
FTA321S28 1000049 -50	A/SA 179 Seamless										
FA321S28 1000049 -50	A/SA 179 Seamless										
KA131S28 1000049 -50	A/SA 214 Welded (F/B)*										
KTA321S28 1000049 -50	A/SA 179 Seamless (F/B)*										
KA321S28 1000049 -50	A/SA 179 Seamless (F/B)*										
FA130S28 1000049 -50	A/SA 214 Welded	Min.	28	0.985	0.975	1.000	0.885	0.875	0.900	0.049	1.000
FTA320S28 1000049 -50	A/SA 179 Seamless										
FA320S28 1000049 -50	A/SA 179 Seamless										
KA130S28 1000049 -50	A/SA 214 Welded (F/B)*										
KTA320S28 1000049 -50	A/SA 179 Seamless (F/B)*										
KA320S28 1000049 -50	A/SA 179 Seamless (F/B)*										
FA131S28 1000065 -50	A/SA 214 Welded	Av.	28	0.985	0.975	1.000	0.885	0.875	0.900	0.058	1.000
FTA321S28 1000065 -50	A/SA 179 Seamless										
FA321S28 1000065 -50	A/SA 179 Seamless										
KA131S28 1000065 -50	A/SA 214 Welded (F/B)*										
KTA321S28 1000065 -50	A/SA 179 Seamless (F/B)*										
KA321S28 1000065 -50	A/SA 179 Seamless (F/B)*										
FA130S28 1000065 -50	A/SA 214 Welded	Min.	28	0.985	0.975	1.000	0.885	0.875	0.900	0.065	1.000
FTA320S28 1000065 -50	A/SA 179 Seamless										
FA320S28 1000065 -50	A/SA 179 Seamless										
KA130S28 1000065 -50	A/SA 214 Welded (F/B)*										
KTA320S28 1000065 -50	A/SA 179 Seamless (F/B)*										
KA320S28 1000065 -50	A/SA 179 Seamless (F/B)*										
FA131S28 1000083 -50	A/SA 214 Welded	Av.	28	0.985	0.975	1.000	0.885	0.875	0.900	0.074	1.000
FTA321S28 1000083 -50	A/SA 179 Seamless										
FA321S28 1000083 -50	A/SA 179 Seamless										
KA131S28 1000083 -50	A/SA 214 Welded (F/B)*										
KTA321S28 1000083 -50	A/SA 179 Seamless (F/B)*										
KA321S28 1000083 -50	A/SA 179 Seamless (F/B)*										
FA130S28 1000083 -50	A/SA 214 Welded	Min.	28	0.985	0.975	1.000	0.885	0.875	0.900	0.083	1.000
FTA320S28 1000083 -50	A/SA 179 Seamless										
FA320S28 1000083 -50	A/SA 179 Seamless										
KA130S28 1000083 -50	A/SA 214 Welded (F/B)*										
KTA320S28 1000083 -50	A/SA 179 Seamless (F/B)*										
KA320S28 1000083 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131S28 1000109 -50	A/SA 214 Welded	Av.	28	0.985	0.975	1.000	0.885	0.875	0.900	0.097	1.000
FTA321S28 1000109 -50	A/SA 179 Seamless										
FA321S28 1000109 -50	A/SA 179 Seamless										
KA131S28 1000109 -50	A/SA 214 Welded (F/B)*										
KTA321S28 1000109 -50	A/SA 179 Seamless (F/B)*										
KA321S28 1000109 -50	A/SA 179 Seamless (F/B)*	Min.	28	0.985	0.975	1.000	0.885	0.875	0.900	0.109	1.000
FA130S28 1000109 -50	A/SA 214 Welded										
FTA320S28 1000109 -50	A/SA 179 Seamless										
FA320S28 1000109 -50	A/SA 179 Seamless										
KA130S28 1000109 -50	A/SA 214 Welded (F/B)*										
KTA320S28 1000109 -50	A/SA 179 Seamless (F/B)*										
KA320S28 1000109 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 Avg. .047 - .053
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FA131C19 0625049 -50	A/SA 214 Welded	Av.	19	0.625	0.621	0.629	0.525	0.515	0.535	0.044	0.625
FTA321C19 0625049 -50	A/SA 179 Seamless										
FA321C19 0625049 -50	A/SA 179 Seamless										
KA131C19 0625049 -50	A/SA 214 Welded (F/B)*										
KTA321C19 0625049 -50	A/SA 179 Seamless (F/B)*										
KA321C19 0625049 -50	A/SA 179 Seamless (F/B)*	Min.	19	0.625	0.621	0.629	0.525	0.515	0.535	0.049	0.625
FA130C19 0625049 -50	A/SA 214 Welded										
FTA320C19 0625049 -50	A/SA 179 Seamless										
FA320C19 0625049 -50	A/SA 179 Seamless										
KA130C19 0625049 -50	A/SA 214 Welded (F/B)*										
KTA320C19 0625049 -50	A/SA 179 Seamless (F/B)*										
KA320C19 0625049 -50	A/SA 179 Seamless (F/B)*	Av.	19	0.625	0.621	0.629	0.525	0.515	0.535	0.058	0.625
FA131C19 0625065 -50	A/SA 214 Welded										
FTA321C19 0625065 -50	A/SA 179 Seamless										
FA321C19 0625065 -50	A/SA 179 Seamless										
KA131C19 0625065 -50	A/SA 214 Welded (F/B)*										
KTA321C19 0625065 -50	A/SA 179 Seamless (F/B)*										
KA321C19 0625065 -50	A/SA 179 Seamless (F/B)*	Min.	19	0.625	0.621	0.629	0.525	0.515	0.535	0.065	0.625
FA130C19 0625065 -50	A/SA 214 Welded										
FTA320C19 0625065 -50	A/SA 179 Seamless										
FA320C19 0625065 -50	A/SA 179 Seamless										
KA130C19 0625065 -50	A/SA 214 Welded (F/B)*										
KTA320C19 0625065 -50	A/SA 179 Seamless (F/B)*										
KA320C19 0625065 -50	A/SA 179 Seamless (F/B)*	Av.	19	0.750	0.746	0.754	0.650	0.640	0.660	0.044	0.750
FA131C19 0750049 -50	A/SA 214 Welded										
FTA321C19 0750049 -50	A/SA 179 Seamless										
FA321C19 0750049 -50	A/SA 179 Seamless										
KA131C19 0750049 -50	A/SA 214 Welded (F/B)*										
KTA321C19 0750049 -50	A/SA 179 Seamless (F/B)*										
KA321C19 0750049 -50	A/SA 179 Seamless (F/B)*	Min.	19	0.750	0.746	0.754	0.650	0.640	0.660	0.049	0.750
FA130C19 0750049 -50	A/SA 214 Welded										
FTA320C19 0750049 -50	A/SA 179 Seamless										
FA320C19 0750049 -50	A/SA 179 Seamless										
KA130C19 0750049 -50	A/SA 214 Welded (F/B)*										
KTA320C19 0750049 -50	A/SA 179 Seamless (F/B)*										
KA320C19 0750049 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 Avg. .047 - .053
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FA131C19 0750065 -50	A/SA 214 Welded	Av.	19	0.750	0.746	0.754	0.650	0.640	0.660	0.058	0.750
FTA321C19 0750065 -50	A/SA 179 Seamless										
FA321C19 0750065 -50	A/SA 179 Seamless										
KA131C19 0750065 -50	A/SA 214 Welded (F/B)*										
KTA321C19 0750065 -50	A/SA 179 Seamless (F/B)*										
KA321C19 0750065 -50	A/SA 179 Seamless (F/B)*	Min.	19	0.750	0.746	0.754	0.650	0.640	0.660	0.065	0.750
FA130C19 0750065 -50	A/SA 214 Welded										
FTA320C19 0750065 -50	A/SA 179 Seamless										
FA320C19 0750065 -50	A/SA 179 Seamless										
KA130C19 0750065 -50	A/SA 214 Welded (F/B)*										
KTA320C19 0750065 -50	A/SA 179 Seamless (F/B)*	Av.	19	0.750	0.746	0.754	0.650	0.640	0.660	0.074	0.750
KA131C19 0750083 -50	A/SA 214 Welded (F/B)*										
KTA321C19 0750083 -50	A/SA 179 Seamless (F/B)*										
KA321C19 0750083 -50	A/SA 179 Seamless (F/B)*										
FA131C19 0750083 -50	A/SA 214 Welded										
FTA321C19 0750083 -50	A/SA 179 Seamless	Min.	19	0.750	0.746	0.754	0.650	0.640	0.660	0.083	0.750
FA130C19 0750083 -50	A/SA 214 Welded										
FTA320C19 0750083 -50	A/SA 179 Seamless										
FA320C19 0750083 -50	A/SA 179 Seamless										
KA130C19 0750083 -50	A/SA 214 Welded (F/B)*										
KTA320C19 0750083 -50	A/SA 179 Seamless (F/B)*	Av.	19	0.750	0.746	0.754	0.650	0.640	0.660	0.097	0.750
KA320C19 0750083 -50	A/SA 179 Seamless (F/B)*										
FA131C19 0750109 -50	A/SA 214 Welded										
FTA321C19 0750109 -50	A/SA 179 Seamless										
FA321C19 0750109 -50	A/SA 179 Seamless										
KA131C19 0750109 -50	A/SA 214 Welded (F/B)*	Min.	19	0.750	0.746	0.754	0.650	0.640	0.660	0.109	0.750
KTA321C19 0750109 -50	A/SA 179 Seamless (F/B)*										
KA321C19 0750109 -50	A/SA 179 Seamless (F/B)*										
FA130C19 0750109 -50	A/SA 214 Welded										
FTA320C19 0750109 -50	A/SA 179 Seamless										
FA320C19 0750109 -50	A/SA 179 Seamless										
KA130C19 0750109 -50	A/SA 214 Welded (F/B)*										
KTA320C19 0750109 -50	A/SA 179 Seamless (F/B)*										
KA320C19 0750109 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 Avg. .047 - .053
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FA131C19 1000049-50	A/SA 214 Welded	Av.	19	1.000	0.996	1.004	0.900	0.890	0.910	0.044	1.000
FTA321C19 1000049-50	A/SA 179 Seamless										
FA321C19 1000049-50	A/SA 179 Seamless										
KA131C19 1000049-50	A/SA 214 Welded (F/B)*										
KTA321C19 1000049-50	A/SA 179 Seamless (F/B)*										
KA321C19 1000049-50	A/SA 179 Seamless (F/B)*	Min.	19	1.000	0.996	1.004	0.900	0.890	0.910	0.049	1.000
FA130C19 1000049-50	A/SA 214 Welded										
FTA320C19 1000049-50	A/SA 179 Seamless										
FA320C19 1000049-50	A/SA 179 Seamless										
KA130C19 1000049-50	A/SA 214 Welded (F/B)*										
KTA320C19 1000049-50	A/SA 179 Seamless (F/B)*										
KA320C19 1000049-50	A/SA 179 Seamless (F/B)*	Av.	19	1.000	0.996	1.004	0.900	0.890	0.910	0.058	1.000
FA131C19 1000065-50	A/SA 214 Welded										
FTA321C19 1000065-50	A/SA 179 Seamless										
FA321C19 1000065-50	A/SA 179 Seamless										
KA131C19 1000065-50	A/SA 214 Welded (F/B)*										
KTA321C19 1000065-50	A/SA 179 Seamless (F/B)*										
KA321C19 1000065-50	A/SA 179 Seamless (F/B)*	Min.	19	1.000	0.996	1.004	0.900	0.890	0.910	0.065	1.000
FA130C19 1000065-50	A/SA 214 Welded										
FTA320C19 1000065-50	A/SA 179 Seamless										
FA320C19 1000065-50	A/SA 179 Seamless										
KA130C19 1000065-50	A/SA 214 Welded (F/B)*										
KTA320C19 1000065-50	A/SA 179 Seamless (F/B)*										
KA320C19 1000065-50	A/SA 179 Seamless (F/B)*	Av.	19	1.000	0.996	1.004	0.900	0.890	0.910	0.074	1.000
FA131C19 1000083-50	A/SA 214 Welded										
FTA321C19 1000083-50	A/SA 179 Seamless										
FA321C19 1000083-50	A/SA 179 Seamless										
KA131C19 1000083-50	A/SA 214 Welded (F/B)*										
KTA321C19 1000083-50	A/SA 179 Seamless (F/B)*										
KA321C19 1000083-50	A/SA 179 Seamless (F/B)*	Min.	19	1.000	0.996	1.004	0.900	0.890	0.910	0.083	1.000
FA130C19 1000083-50	A/SA 214 Welded										
FTA320C19 1000083-50	A/SA 179 Seamless										
FA320C19 1000083-50	A/SA 179 Seamless										
KA130C19 1000083-50	A/SA 214 Welded (F/B)*										
KTA320C19 1000083-50	A/SA 179 Seamless (F/B)*										
KA320C19 1000083-50	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	19	-1	+2
Fin Height	.050 Avg.	.047	.053
Fin Thickness	.011 Nominal		

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max		Min.	Max.		
FA131C19 1000109 -50	A/SA 214 Welded	Av.	19	1.000	0.996	1.004	0.900	0.890	0.910	0.097	1.000
FTA321C19 1000109 -50	A/SA 179 Seamless										
FA321C19 1000109 -50	A/SA 179 Seamless										
KA131C19 1000109 -50	A/SA 214 Welded (F/B)*										
KTA321C19 1000109 -50	A/SA 179 Seamless (F/B)*										
KA321C19 1000109 -50	A/SA 179 Seamless (F/B)*										
FA130C19 1000109 -50	A/SA 214 Welded	Min.	19	1.000	0.996	1.004	0.900	0.890	0.910	0.109	1.000
FTA320C19 1000109 -50	A/SA 179 Seamless										
FA320C19 1000109 -50	A/SA 179 Seamless										
KA130C19 1000109 -50	A/SA 214 Welded (F/B)*										
KTA320C19 1000109 -50	A/SA 179 Seamless (F/B)*										
KA320C19 1000109 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 Avg. .047 -.053
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FA131C26 0625049 -50	A/SA 214 Welded	Av.	26	0.625	0.621	0.629	0.525	0.515	0.535	0.044	0.625
FTA321C26 0625049 -50	A/SA 179 Seamless										
FA321C26 0625049 -50	A/SA 179 Seamless										
KA131C26 0625049 -50	A/SA 214 Welded (F/B)*										
KTA321C26 0625049 -50	A/SA 179 Seamless (F/B)*										
KA321C26 0625049 -50	A/SA 179 Seamless (F/B)*	Min.	26	0.625	0.621	0.629	0.525	0.515	0.535	0.049	0.625
FA130C26 0625049 -50	A/SA 214 Welded										
FTA320C26 0625049 -50	A/SA 179 Seamless										
FA320C26 0625049 -50	A/SA 179 Seamless										
KA130C26 0625049 -50	A/SA 214 Welded (F/B)*										
KTA320C26 0625049 -50	A/SA 179 Seamless (F/B)*										
KA320C26 0625049 -50	A/SA 179 Seamless (F/B)*	Av.	26	0.625	0.621	0.629	0.525	0.515	0.535	0.058	0.625
FA131C26 0625065 -50	A/SA 214 Welded										
FTA321C26 0625065 -50	A/SA 179 Seamless										
FA321C26 0625065 -50	A/SA 179 Seamless										
KA131C26 0625065 -50	A/SA 214 Welded (F/B)*										
KTA321C26 0625065 -50	A/SA 179 Seamless (F/B)*										
KA321C26 0625065 -50	A/SA 179 Seamless (F/B)*	Min.	26	0.625	0.621	0.629	0.525	0.515	0.535	0.065	0.625
FA130C26 0625065 -50	A/SA 214 Welded										
FTA320C26 0625065 -50	A/SA 179 Seamless										
FA320C26 0625065 -50	A/SA 179 Seamless										
KA130C26 0625065 -50	A/SA 214 Welded (F/B)*										
KTA320C26 0625065 -50	A/SA 179 Seamless (F/B)*										
KA320C26 0625065 -50	A/SA 179 Seamless (F/B)*	Av.	26	0.750	0.746	0.754	0.650	0.640	0.660	0.044	0.750
FA131C26 0750049 -50	A/SA 214 Welded										
FTA321C26 0750049 -50	A/SA 179 Seamless										
FA321C26 0750049 -50	A/SA 179 Seamless										
KA131C26 0750049 -50	A/SA 214 Welded (F/B)*										
KTA321C26 0750049 -50	A/SA 179 Seamless (F/B)*										
KA321C26 0750049 -50	A/SA 179 Seamless (F/B)*	Min.	26	0.750	0.746	0.754	0.650	0.640	0.660	0.049	0.750
FA130C19 0750049 -50	A/SA 214 Welded										
FTA320C19 0750049 -50	A/SA 179 Seamless										
FA320C19 0750049 -50	A/SA 179 Seamless										
KA130C19 0750049 -50	A/SA 214 Welded (F/B)*										
KTA320C19 0750049 -50	A/SA 179 Seamless (F/B)*										
KA320C19 0750049 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 Avg. .047 -.053
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131C26 0750065 -50	A/SA 214 Welded	Av.	26	0.750	0.746	0.754	0.650	0.640	0.660	0.058	0.750
FTA321C26 0750065 -50	A/SA 179 Seamless										
FA321C26 0750065 -50	A/SA 179 Seamless										
KA131C26 0750065 -50	A/SA 214 Welded (F/B)*										
KTA321C26 0750065 -50	A/SA 179 Seamless (F/B)*										
KA321C26 0750065 -50	A/SA 179 Seamless (F/B)*	Min.	26	0.750	0.746	0.754	0.650	0.640	0.660	0.065	0.750
FA130C26 0750065 -50	A/SA 214 Welded										
FTA320C19 0750065 -50	A/SA 179 Seamless										
FA320C19 0750065 -50	A/SA 179 Seamless										
KA130C26 0750065 -50	A/SA 214 Welded (F/B)*										
KTA320C26 0750065 -50	A/SA 179 Seamless (F/B)*										
KA320C26 0750065 -50	A/SA 179 Seamless (F/B)*	Av.	26	0.750	0.746	0.754	0.650	0.640	0.660	0.074	0.750
FA131C26 0750083 -50	A/SA 214 Welded										
FTA321C26 0750083 -50	A/SA 179 Seamless										
FA321C26 0750083 -50	A/SA 179 Seamless										
KA131C26 0750083 -50	A/SA 214 Welded (F/B)*										
KTA321C26 0750083 -50	A/SA 179 Seamless (F/B)*										
KA321C26 0750083 -50	A/SA 179 Seamless (F/B)*	Min.	26	0.750	0.746	0.754	0.650	0.640	0.660	0.083	0.750
FA130C26 0750083 -50	A/SA 214 Welded										
FTA320C26 0750083 -50	A/SA 179 Seamless										
FA320C26 0750083 -50	A/SA 179 Seamless										
KA130C26 0750083 -50	A/SA 214 Welded (F/B)*										
KTA320C26 0750083 -50	A/SA 179 Seamless (F/B)*										
KA320C26 0750083 -50	A/SA 179 Seamless (F/B)*	Av.	26	0.750	0.746	0.754	0.650	0.640	0.660	0.097	0.750
FA131C19 0750109 -50	A/SA 214 Welded										
FTA321C19 0750109 -50	A/SA 179 Seamless										
FA321C19 0750109 -50	A/SA 179 Seamless										
KA131C19 0750109 -50	A/SA 214 Welded (F/B)*										
KTA321C19 0750109 -50	A/SA 179 Seamless (F/B)*										
KA321C19 0750109 -50	A/SA 179 Seamless (F/B)*	Min.	26	0.750	0.746	0.754	0.650	0.640	0.660	0.109	0.750
FA130C26 0750109 -50	A/SA 214 Welded										
FTA320C26 0750109 -50	A/SA 179 Seamless										
FA320C26 0750109 -50	A/SA 179 Seamless										
KA130C26 0750109 -50	A/SA 214 Welded (F/B)*										
KTA320C26 0750109 -50	A/SA 179 Seamless (F/B)*										
KA320C26 0750109 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 Avg. .047 -.053
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FA131C26 1000049-50	A/SA 214 Welded	Av.	26	1.000	0.996	1.004	0.900	0.890	0.910	0.044	1.000
FTA321C26 1000049-50	A/SA 179 Seamless										
FA321C26 1000049-50	A/SA 179 Seamless										
KA131C26 1000049-50	A/SA 214 Welded (F/B)*										
KTA321C26 1000049-50	A/SA 179 Seamless (F/B)*										
KA321C26 1000049-50	A/SA 179 Seamless (F/B)*	Min.	26	1.000	0.996	1.004	0.900	0.890	0.910	0.049	1.000
FA130C26 1000049-50	A/SA 214 Welded										
FTA320C26 1000049-50	A/SA 179 Seamless										
FA320C26 1000049-50	A/SA 179 Seamless										
KA130C26 1000049-50	A/SA 214 Welded (F/B)*										
KTA320C26 1000049-50	A/SA 179 Seamless (F/B)*	Av.	26	1.000	0.996	1.004	0.900	0.890	0.910	0.058	1.000
KA320C26 1000049-50	A/SA 179 Seamless (F/B)*										
FA131C26 1000065-50	A/SA 214 Welded										
FTA321C26 1000065-50	A/SA 179 Seamless										
FA321C26 1000065-50	A/SA 179 Seamless										
KA131C26 1000065-50	A/SA 214 Welded (F/B)*	Min.	26	1.000	0.996	1.004	0.900	0.890	0.910	0.065	1.000
KTA320C26 1000065-50	A/SA 179 Seamless (F/B)*										
KA320C26 1000065-50	A/SA 179 Seamless (F/B)*										
FA131C26 1000083-50	A/SA 214 Welded										
FTA321C26 1000083-50	A/SA 179 Seamless										
FA321C26 1000083-50	A/SA 179 Seamless	Av.	26	1.000	0.996	1.004	0.900	0.890	0.910	0.074	1.000
KA131C26 1000083-50	A/SA 214 Welded (F/B)*										
KTA321C26 1000083-50	A/SA 179 Seamless (F/B)*										
KA321C26 1000083-50	A/SA 179 Seamless (F/B)*										
FA130C26 1000083-50	A/SA 214 Welded										
FTA320C26 1000083-50	A/SA 179 Seamless										
FA320C26 1000083-50	A/SA 179 Seamless										
KA320C26 1000083-50	A/SA 214 Welded (F/B)*										
KTA320C26 1000083-50	A/SA 179 Seamless (F/B)*										
KA320C26 1000083-50	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 Avg. .047 -.053
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
<i>FA131C26 1000109 -50</i>	<i>A/SA 214 Welded</i>	<i>Av.</i>	<i>26</i>	<i>1.000</i>	<i>0.996</i>	<i>1.004</i>	<i>0.900</i>	<i>0.890</i>	<i>0.910</i>	<i>0.097</i>	<i>1.000</i>
<i>FTA321C26 1000109 -50</i>	<i>A/SA 179 Seamless</i>										
<i>FA321C26 1000109 -50</i>	<i>A/SA 179 Seamless</i>										
<i>KA131C26 1000109 -50</i>	<i>A/SA 214 Welded (F/B)*</i>										
<i>KTA320C26 1000109 -50</i>	<i>A/SA 179 Seamless (F/B)*</i>										
<i>KA320C26 1000109 -50</i>	<i>A/SA 179 Seamless (F/B)*</i>										
<i>FA130C26 1000109 -50</i>	<i>A/SA 214 Welded</i>	<i>Min.</i>	<i>26</i>	<i>1.000</i>	<i>0.996</i>	<i>1.004</i>	<i>0.900</i>	<i>0.890</i>	<i>0.910</i>	<i>0.109</i>	<i>1.000</i>
<i>FTA320C26 1000109 -50</i>	<i>A/SA 179 Seamless</i>										
<i>FA320C26 1000109 -50</i>	<i>A/SA 179 Seamless</i>										
<i>KA130C26 1000109 -50</i>	<i>A/SA 214 Welded (F/B)*</i>										
<i>KTA320C26 1000109 -50</i>	<i>A/SA 179 Seamless (F/B)*</i>										
<i>KA320C26 1000109 -50</i>	<i>A/SA 179 Seamless (F/B)*</i>										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 Avg. .047 -.053
Fin Thickness	.011 Nominal

		Fin Section Dimensions									
Spec #	Description	Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max		Min.	Max.		
FA131C28 0625049 -50	A/SA 214 Welded	Av.	28	0.625	0.621	0.629	0.525	0.515	0.535	0.044	0.625
FTA321C28 0625049 -50	A/SA 179 Seamless										
FA321C28 0625049 -50	A/SA 179 Seamless										
KA131C28 0625049 -50	A/SA 214 Welded (F/B)*										
KTA321C28 0625049 -50	A/SA 179 Seamless (F/B)*										
KA321C28 0625049 -50	A/SA 179 Seamless (F/B)*	Min.	28	0.625	0.621	0.629	0.525	0.515	0.535	0.049	0.625
FA130C28 0625049 -50	A/SA 214 Welded										
FTA320C28 0625049 -50	A/SA 179 Seamless										
FA320C28 0625049 -50	A/SA 179 Seamless										
KA130C28 0625049 -50	A/SA 214 Welded (F/B)*										
KTA320C28 0625049 -50	A/SA 179 Seamless (F/B)*										
KA320C28 0625049 -50	A/SA 179 Seamless (F/B)*	Av.	28	0.625	0.621	0.629	0.525	0.515	0.535	0.058	0.625
FA131C28 0625065 -50	A/SA 214 Welded										
FTA321C28 0625065 -50	A/SA 179 Seamless										
FA321C28 0625065 -50	A/SA 179 Seamless										
KA131C28 0625065 -50	A/SA 214 Welded (F/B)*										
KTA321C28 0625065 -50	A/SA 179 Seamless (F/B)*										
KA321C28 0625065 -50	A/SA 179 Seamless (F/B)*	Min.	28	0.625	0.621	0.629	0.525	0.515	0.535	0.065	0.625
FA130C28 0625065 -50	A/SA 214 Welded										
FTA320C28 0625065 -50	A/SA 179 Seamless										
FA320C28 0625065 -50	A/SA 179 Seamless										
KA130C28 0625065 -50	A/SA 214 Welded (F/B)*										
KTA320C28 0625065 -50	A/SA 179 Seamless (F/B)*										
KA320C28 0625065 -50	A/SA 179 Seamless (F/B)*	Av.	28	0.750	0.746	0.754	0.650	0.640	0.660	0.044	0.750
FA131C28 0750049 -50	A/SA 214 Welded										
FTA321C28 0750049 -50	A/SA 179 Seamless										
FA321C28 0750049 -50	A/SA 179 Seamless										
KA131C28 0750049 -50	A/SA 214 Welded (F/B)*										
KTA321C28 0750049 -50	A/SA 179 Seamless (F/B)*										
KA321C28 0750049 -50	A/SA 179 Seamless (F/B)*	Min.	28	0.750	0.746	0.754	0.650	0.640	0.660	0.049	0.750
FA130C280750049-50	A/SA 214 Welded										
FTA320C280750049-50	A/SA 179 Seamless										
FA320C280750049-50	A/SA 179 Seamless										
KA130C280750049-50	A/SA 214 Welded (F/B)*										
KTA320C280750049-50	A/SA 179 Seamless (F/B)*										
KA320C280750049-50	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 Avg. .047 -.053
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131C28 0750065 -50	A/SA 214 Welded	Av.	28	0.750	0.746	0.754	0.650	0.640	0.660	0.058	0.750
FTA321C28 0750065 -50	A/SA 179 Seamless										
FA321C28 0750065 -50	A/SA 179 Seamless										
KA131C28 0750065 -50	A/SA 214 Welded (F/B)*										
KTA321C28 0750065 -50	A/SA 179 Seamless (F/B)*										
KA321C28 0750065 -50	A/SA 179 Seamless (F/B)*	Min.	28	0.750	0.746	0.754	0.650	0.640	0.660	0.065	0.750
FA130C28 0750065 -50	A/SA 214 Welded										
FTA320C28 0750065 -50	A/SA 179 Seamless										
FA321C28 0750065 -50	A/SA 179 Seamless										
KA130C28 0750065 -50	A/SA 214 Welded (F/B)*										
KTA320C28 0750065 -50	A/SA 179 Seamless (F/B)*										
KA320C28 0750065 -50	A/SA 179 Seamless (F/B)*	Av.	28	0.750	0.746	0.754	0.650	0.640	0.660	0.074	0.750
FA131C28 0750083 -50	A/SA 214 Welded										
FTA321C28 0750083 -50	A/SA 179 Seamless										
FA321C28 0750083 -50	A/SA 179 Seamless										
KA131C28 0750083 -50	A/SA 214 Welded (F/B)*										
KTA321C28 0750083 -50	A/SA 179 Seamless (F/B)*										
KA321C28 0750083 -50	A/SA 179 Seamless (F/B)*	Min.	28	0.750	0.746	0.754	0.650	0.640	0.660	0.083	0.750
FA130C28 0750083 -50	A/SA 214 Welded										
FTA320C28 0750083 -50	A/SA 179 Seamless										
FA320C28 0750083 -50	A/SA 179 Seamless										
KA130C28 0750083 -50	A/SA 214 Welded (F/B)*										
KTA320C28 0750083 -50	A/SA 179 Seamless (F/B)*										
KA320C28 0750083 -50	A/SA 179 Seamless (F/B)*	Av.	28	0.750	0.746	0.754	0.650	0.640	0.660	0.097	0.750
FA131C28 0750109 -50	A/SA 214 Welded										
FTA321C28 0750109 -50	A/SA 179 Seamless										
FA321C28 0750109 -50	A/SA 179 Seamless										
KA131C28 0750109 -50	A/SA 214 Welded (F/B)*										
KTA321C28 0750109 -50	A/SA 179 Seamless (F/B)*										
KA321C28 0750109 -50	A/SA 179 Seamless (F/B)*	Min.	28	0.750	0.746	0.754	0.650	0.640	0.660	0.109	0.750
FA130C28 0750109 -50	A/SA 214 Welded										
FTA320C28 0750109 -50	A/SA 179 Seamless										
FA320C28 0750109 -50	A/SA 179 Seamless										
KA130C28 0750109 -50	A/SA 214 Welded (F/B)*										
KTA320C28 0750109 -50	A/SA 179 Seamless (F/B)*										
KA320C28 0750109 -50	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 Avg. .047 -.053
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FA131C28 1000049-50	A/SA 214 Welded	Av.	28	1.000	0.996	1.004	0.900	0.890	0.910	0.044	1.000
FTA321C28 1000049-50	A/SA 179 Seamless										
FA321C28 1000049-50	A/SA 179 Seamless										
KA131C28 1000049-50	A/SA 214 Welded (F/B)*										
KTA321C28 1000049-50	A/SA 179 Seamless (F/B)*										
KA321C28 1000049-50	A/SA 179 Seamless (F/B)*	Min.	28	1.000	0.996	1.004	0.900	0.890	0.910	0.049	1.000
FA130C28 1000049-50	A/SA 214 Welded										
FTA320C28 1000049-50	A/SA 179 Seamless										
FA320C28 1000049-50	A/SA 179 Seamless										
KA130C28 1000049-50	A/SA 214 Welded (F/B)*										
KTA320C28 1000049-50	A/SA 179 Seamless (F/B)*										
KA320C28 1000049-50	A/SA 179 Seamless (F/B)*	Av.	28	1.000	0.996	1.004	0.900	0.890	0.910	0.058	1.000
FA131C28 1000065-50	A/SA 214 Welded										
FTA321C28 1000065-50	A/SA 179 Seamless										
FA321C28 1000065-50	A/SA 179 Seamless										
KA131C28 1000065-50	A/SA 214 Welded (F/B)*										
KTA321C28 1000065-50	A/SA 179 Seamless (F/B)*										
KA321C28 1000065-50	A/SA 179 Seamless (F/B)*	Min.	28	1.000	0.996	1.004	0.900	0.890	0.910	0.065	1.000
FA130C28 1000065-50	A/SA 214 Welded										
FTA320C28 1000065-50	A/SA 179 Seamless										
FA320C28 1000065-50	A/SA 179 Seamless										
KA130C28 1000065-50	A/SA 214 Welded (F/B)*										
KTA320C28 1000065-50	A/SA 179 Seamless (F/B)*										
KA320C28 1000065-50	A/SA 179 Seamless (F/B)*	Av.	28	1.000	0.996	1.004	0.900	0.890	0.910	0.074	1.000
FA131C28 1000083-50	A/SA 214 Welded										
FTA321C28 1000083-50	A/SA 179 Seamless										
FA321C28 1000083-50	A/SA 179 Seamless										
KA131C28 1000083-50	A/SA 214 Welded (F/B)*										
KTA321C28 1000083-50	A/SA 179 Seamless (F/B)*										
KA321C28 1000083-50	A/SA 179 Seamless (F/B)*	Min.	28	1.000	0.996	1.004	0.900	0.890	0.910	0.083	1.000
FA130C28 1000083-50	A/SA 214 Welded										
FTA320C28 1000083-50	A/SA 179 Seamless										
FA320C28 1000083-50	A/SA 179 Seamless										
KA130C28 1000083-50	A/SA 214 Welded (F/B)*										
KTA320C28 1000083-50	A/SA 179 Seamless (F/B)*										
KA320C28 1000083-50	A/SA 179 Seamless (F/B)*										

Carbon Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purpose

*F/B = Fin / Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 Avg. .047 -.053
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall Under Fin	FPI	Nominal Od.	Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FA131C28 1000109-50	A/SA 214 Welded	Av.	28	1.000	0.996	1.004	0.900	0.890	0.910	0.097	1.000
FTA321C28 1000109-50	A/SA 179 Seamless										
FA321C28 1000109-50	A/SA 179 Seamless										
KA131C28 1000109-50	A/SA 214 Welded (F/B)*										
KTA321C28 1000109-50	A/SA 179 Seamless (F/B)*										
KA321C28 1000109-50	A/SA 179 Seamless (F/B)*	Min.	28	1.000	0.996	1.004	0.900	0.890	0.910	0.109	1.000
FA130C28 1000109-50	A/SA 214 Welded										
FTA320C28 1000109-50	A/SA 179 Seamless										
FA320C28 1000109-50	A/SA 179 Seamless										
KA130C28 1000109-50	A/SA 214 Welded (F/B)*										
KTA320C28 1000109-50	A/SA 179 Seamless (F/B)*										
KA320C28 1000109-50	A/SA 179 Seamless (F/B)*										

Brass Alloy Spec's. Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002S190625049-50	SB111 / C44300 Admiralty	Av.	19	0.612	0.600	0.625	0.512	0.492	0.533	0.044	0.625
FTB005S190625049-50	SB111 / C7150- 70/30										
FTB007S190625049-50	SB111 / C7060- 90/10										
KTB002S190625049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S190625049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S190625049-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001S190625049-50	SB111 /C44300 Admiralty	Min.	19	0.612	0.600	0.625	0.512	0.492	0.533	0.049	0.625
FTB004S190625049-50	SB111 / C7150 - 70/30										
FTB006S190625049-50	SB111 / C7060 - 90/10										
KTB001S190625049-50	SB111 / C44300 Admiralty (F/B)*										
KTB004S190625049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S190625049-50	SB111 / C7060 - 90/10 (F/B)*										
FTB002S190625065-50	SB111 / C44300 Admiralty	Av.	19	0.612	0.600	0.625	0.512	0.492	0.533	0.058	0.625
FTB005S190625065-50	SB111 / C7150- 70/30										
FTB007S190625065-50	SB111 / C7060- 90/10										
KTB002S190625065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S190625065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S190625065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001S190625065-50	SB111 /C44300 Admiralty	Min.	19	0.612	0.600	0.625	0.512	0.492	0.533	0.065	0.625
FTB004S190625065-50	SB111 / C7150 - 70/30										
FTB006S190625065-50	SB111 / C7060 - 90/10										
KTB001S190625065-50	SB111 / C44300 Admiralty (F/B)*										
KTB004S190625065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S190625065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB002S190750049-50	SB111 / C44300 Admiralty	Av.	19	0.740	0.725	0.750	0.640	0.617	0.658	0.044	0.750
FTB005S190750049-50	SB111 / C7150- 70/30										
FTB007S190750049-50	SB111 / C7060- 90/10										
KTB002S190750049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S190750049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S190750049-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloy Spec's. Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB001S19 0750049 -50	SB111 /C44300 Admiralty	Min.	19	0.740	0.725	0.750	0.640	0.619	0.656	0.049	0.750
FTB004S19 0750049 -50	SB111 / C7150 - 70/30										
FTB006S19 0750049 -50	SB111 / C7060 - 90/10										
KTB001S19 0750049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S19 0750049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S19 0750049 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002S190750065-50	SB111 / C44300 Admiralty	Av.	19	0.740	0.725	0.750	0.640	0.617	0.658	0.058	0.750
FTB005S190750065-50	SB111 / C7150- 70/30										
FTB007S190750065-50	SB111 / C7060- 90/10										
KTB002S190750065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S190750065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S190750065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001S19 0750065 -50	SB111 /C44300 Admiralty	Min.	19	0.740	0.725	0.750	0.640	0.617	0.658	0.065	0.750
FTB004S19 0750065 -50	SB111 / C7150 - 70/30										
FTB006S19 0750065 -50	SB111 / C7060 - 90/10										
KTB001S19 0750065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S19 0750065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S19 0750065 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002S190750083-50	SB111 / C44300 Admiralty	Av.	19	0.740	0.725	0.750	0.640	0.617	0.658	0.074	0.750
FTB005S190750083-50	SB111 / C7150- 70/30										
FTB007S190750083-50	SB111 / C7060- 90/10										
KTB002S190750083-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S190750083-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S190750083-50	SB111 / C7060 - 90/10 (F/B)*										
FTB002S191000049-50	SB111 / C44300 Admiralty	Av.	19	0.985	0.975	1.000	0.885	0.867	0.908	0.044	1.000
FTB005S191000049-50	SB111 / C7150- 70/30										
FTB007S191000049-50	SB111 / C7060- 90/10										
KTB002S191000049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S191000049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S191000049-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloy Spec's. Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB001S19 1000049 -50	SB111 /C44300 Admiralty	Min.	19	0.985	0.975	1.000	0.885	0.867	0.908	0.049	1.000
FTB004S19 1000049 -50	SB111 / C7150 - 70/30										
FTB006S19 1000049 -50	SB111 / C7060 - 90/10										
KTB001S19 1000049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S19 1000049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S19 1000049 -50	SB111 / C7060 - 90/10 (F/B)*	Av.	19	0.985	0.975	1.000	0.885	0.867	0.908	0.058	1.000
FTB002S19 1000065 -50	SB111 / C44300 Admiralty										
FTB005S19 1000065 -50	SB111 / C7150 - 70/30										
FTB007S19 1000065 -50	SB111 / C7060 - 90/10										
KTB002S19 1000065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB005S19 1000065 -50	SB111 / C7150 - 70/30 (F/B)*	Min.	19	0.985	0.975	1.000	0.885	0.867	0.908	0.065	1.000
FTB001S19 1000065 -50	SB111 /C44300 Admiralty										
FTB004S19 1000065 -50	SB111 / C7150 - 70/30										
FTB006S19 1000065 -50	SB111 / C7060 - 90/10										
KTB001S19 1000065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S19 1000065 -50	SB111 / C7150 - 70/30 (F/B)*	Av.	19	0.985	0.975	1.000	0.885	0.867	0.908	0.074	1.000
FTB002S19 1000083 -50	SB111 / C44300 Admiralty										
FTB005S19 1000083 -50	SB111 / C7150 - 70/30										
FTB007S19 1000083 -50	SB111 / C7060 - 90/10										
KTB002S19 1000083 -50	SB111 / C44300 Admiralty (F/B)*										
KTB005S19 1000083 -50	SB111 / C7150 - 70/30 (F/B)*	KTB007S19 1000083 -50	SB111 / C7060 - 90/10 (F/B)*								

Brass Alloy Spec's. Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
		Av.	26	0.612	0.600	0.625	0.512	0.492	0.533	0.044	0.625
FTB002S260625049-50	SB111 / C44300 Admiralty										
FTB005S260625049-50	SB111 / C7150- 70/30										
FTB007S260625049-50	SB111 / C7060- 90/10										
KTB002S260625049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S260625049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S260625049-50	SB111 / C7060 - 90/10 (F/B)*										
		Min.	26	0.612	0.600	0.625	0.512	0.492	0.533	0.049	0.625
FTB001S260625049-50	SB111 /C44300 Admiralty										
FTB004S260625049-50	SB111 / C7150 - 70/30										
FTB006S260625049-50	SB111 / C7060 - 90/10										
KTB001S260625049-50	SB111 / C44300 Admiralty (F/B)*										
KTB004S260625049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S260625049-50	SB111 / C7060 - 90/10 (F/B)*										
		Av.	26	0.612	0.600	0.625	0.512	0.492	0.533	0.058	0.625
FTB002S260625065-50	SB111 / C44300 Admiralty										
FTB005S260625065-50	SB111 / C7150- 70/30										
FTB007S260625065-50	SB111 / C7060- 90/10										
KTB002S260625065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S260625065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S260625065-50	SB111 / C7060 - 90/10 (F/B)*										
		Min.	26	0.612	0.600	0.625	0.512	0.492	0.533	0.065	0.625
FTB001S260625065-50	SB111 /C44300 Admiralty										
FTB004S260625065-50	SB111 / C7150 - 70/30										
FTB006S260625065-50	SB111 / C7060 - 90/10										
KTB001S260625065-50	SB111 / C44300 Admiralty (F/B)*										
KTB004S260625065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S260625065-50	SB111 / C7060 - 90/10 (F/B)*										
		Av.	26	0.740	0.725	0.750	0.640	0.617	0.658	0.044	0.750
FTB002S260750049-50	SB111 / C44300 Admiralty										
FTB002S260750049-50	SB111 / C7150- 70/30										
FTB007S260750049-50	SB111 / C7060- 90/10										
KTB002S260750049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S260750049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S260750049-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloy Spec's. Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FTB001S26 0750049 -50	SB111 /C44300 Admiralty	Min.	26	0.740	0.725	0.750	0.640	0.617	0.658	0.049	0.750
FTB004S26 0750049 -50	SB111 / C7150 - 70/30										
FTB006S26 0750049 -50	SB111 / C7060 - 90/10										
KTB001S26 0750049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S26 0750049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S26 0750049 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002S260750065-50	SB111 / C44300 Admiralty	Av.	26	0.740	0.725	0.750	0.640	0.617	0.658	0.058	0.750
FTB005S260750065-50	SB111 / C7150- 70/30										
FTB007S260750065-50	SB111 / C7060- 90/10										
KTB002S260750065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S260750065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S260750065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001S26 0750065 -50	SB111 /C44300 Admiralty	Min.	26	0.740	0.725	0.750	0.640	0.617	0.658	0.065	0.750
FTB004S26 0750065 -50	SB111 / C7150 - 70/30										
FTB006S26 0750065 -50	SB111 / C7060 - 90/10										
KTB001S26 0750065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S26 0750065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S26 0750065 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002S260750083-50	SB111 / C44300 Admiralty	Av.	26	0.740	0.725	0.750	0.640	0.617	0.658	0.074	0.750
FTB005S260750083-50	SB111 / C7150- 70/30										
FTB007S260750083-50	SB111 / C7060- 90/10										
KTB002S260750083-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S260750083-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S260750083-50	SB111 / C7060 - 90/10 (F/B)*										
FTB002S261000049-50	SB111 / C44300 Admiralty	Av.	26	0.985	0.975	1.000	0.885	0.867	0.908	0.044	1.000
FTB005S261000049-50	SB111 / C7150- 70/30										
FTB007S261000049-50	SB111 / C7060- 90/10										
KTB002S261000049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S261000049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S261000049-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001S26 1000049 -50	SB111 /C44300 Admiralty	Min.	26	0.985	0.975	1.000	0.885	0.867	0.908	0.049	1.000
FTB004S26 1000049 -50	SB111 / C7150 - 70/30										
FTB006S26 1000049 -50	SB111 / C7060 - 90/10										
KTB001S26 1000049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S26 1000049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S26 1000049 -50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloy Spec's. Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002S261000065-50	SB111 / C44300 Admiralty	Av.	26	0.985	0.975	1.000	0.885	0.867	0.908	0.058	1.000
FTB005S261000065-50	SB111 / C7150- 70/30										
FTB007S261000065-50	SB111 / C7060- 90/10										
KTB002S261000065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S261000065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S261000065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001S26 1000065 -50	SB111 /C44300 Admiralty	Min.	26	0.985	0.975	1.000	0.885	0.867	0.908	0.065	1.000
FTB004S26 1000065 -50	SB111 / C7150 - 70/30										
FTB006S26 1000065 -50	SB111 / C7060 - 90/10										
KTB001S26 1000065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S26 1000065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S26 1000065 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002S261000083-50	SB111 / C44300 Admiralty	Av.	26	0.985	0.975	1.000	0.885	0.867	0.908	0.074	1.000
FTB005S261000083-50	SB111 / C7150- 70/30										
FTB007S261000083-50	SB111 / C7060- 90/10										
KTB002S261000083-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S261000083-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S261000083-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloy Spec's. Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002S280625049-50	SB111 / C44300 Admiralty	Av.	28	0.612	0.600	0.625	0.512	0.492	0.533	0.044	0.625
FTB005S280625049-50	SB111 / C7150- 70/30										
FTB007S280625049-50	SB111 / C7060- 90/10										
KTB002S280625049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S280625049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S280625049-50	SB111 / C7060 - 90/10 (F/B)*	Min.	28	0.612	0.600	0.625	0.512	0.492	0.533	0.049	0.625
FTB001S280625049-50	SB111 /C44300 Admiralty										
FTB004S280625049-50	SB111 / C7150 - 70/30										
FTB006S280625049-50	SB111 / C7060 - 90/10										
KTB001S280625049-50	SB111 / C44300 Admiralty (F/B)*										
KTB004S280625049-50	SB111 / C7150 - 70/30 (F/B)*	Av.	28	0.612	0.600	0.625	0.512	0.492	0.533	0.058	0.625
FTB002S280625065-50	SB111 / C44300 Admiralty										
FTB005S280625065-50	SB111 / C7150- 70/30										
FTB007S280625065-50	SB111 / C7060- 90/10										
KTB002S280625065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S280625065-50	SB111 / C7150 - 70/30 (F/B)*	Min.	28	0.612	0.600	0.625	0.512	0.492	0.533	0.065	0.625
KTB007S280625065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001S280625065-50	SB111 /C44300 Admiralty										
FTB004S280625065-50	SB111 / C7150 - 70/30										
FTB006S280625065-50	SB111 / C7060 - 90/10										
KTB001S280625065-50	SB111 / C44300 Admiralty (F/B)*										
KTB004S280625065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S280625065-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloy Spec's. Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002S280750049-50	SB111 / C44300 Admiralty	Av.	28	0.740	0.725	0.750	0.640	0.617	0.658	0.044	0.750
FTB005S280750049-50	SB111 / C7150- 70/30										
FTB007S280750049-50	SB111 / C7060- 90/10										
KTB002S280750049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S280750049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S280750049-50	SB111 / C7060 - 90/10 (F/B)*	Min.	28	0.740	0.725	0.750	0.640	0.617	0.658	0.049	0.750
FTB001S28 0750049 -50	SB111 /C44300 Admiralty										
FTB004S28 0750049 -50	SB111 / C7150 - 70/30										
FTB006S28 0750049 -50	SB111 / C7060 - 90/10										
KTB001S28 0750049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S28 0750049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S28 0750049 -50	SB111 / C7060 - 90/10 (F/B)*	Av.	28	0.740	0.725	0.750	0.640	0.617	0.658	0.058	0.750
FTB002S280750065-50	SB111 / C44300 Admiralty										
FTB005S280750065-50	SB111 / C7150- 70/30										
FTB007S280750065-50	SB111 / C7060- 90/10										
KTB002S280750065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S280750065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S280750065-50	SB111 / C7060 - 90/10 (F/B)*	Min.	28	0.740	0.725	0.750	0.640	0.617	0.658	0.065	0.750
FTB001S28 0750065 -50	SB111 /C44300 Admiralty										
FTB004S28 0750065 -50	SB111 / C7150 - 70/30										
FTB006S28 0750065 -50	SB111 / C7060 - 90/10										
KTB001S28 0750065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S28 0750065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S28 0750065 -50	SB111 / C7060 - 90/10 (F/B)*	Av.	28	0.740	0.725	0.750	0.640	0.617	0.658	0.074	0.750
FTB002S280750083-50	SB111 / C44300 Admiralty										
FTB005S280750083-50	SB111 / C7150- 70/30										
FTB007S280750083-50	SB111 / C7060- 90/10										
KTB002S280750083-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S280750083-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S280750083-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloy Spec's. Standard Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes

*F/B = Fin Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002S281000049-50	SB111 / C44300 Admiralty	Av.	28	0.985	0.975	1.000	0.885	0.867	0.908	0.044	1.000
FTB005S281000049-50	SB111 / C7150- 70/30										
FTB007S281000049-50	SB111 / C7060- 90/10										
KTB002S281000049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S281000049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S281000049-50	SB111 / C7060 - 90/10 (F/B)*	Min.	28	0.985	0.975	1.000	0.885	0.867	0.908	0.049	1.000
FTB001S28 1000049 -50	SB111 /C44300 Admiralty										
FTB004S28 1000049 -50	SB111 / C7150 - 70/30										
FTB006S28 1000049 -50	SB111 / C7060 - 90/10										
KTB001S28 1000049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S28 1000049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S28 1000049 -50	SB111 / C7060 - 90/10 (F/B)*	Av.	28	0.985	0.975	1.000	0.885	0.867	0.908	0.058	1.000
FTB002S281000065-50	SB111 / C44300 Admiralty										
FTB005S281000065-50	SB111 / C7150- 70/30										
FTB007S281000065-50	SB111 / C7060- 90/10										
KTB002S281000065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S281000065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S281000065-50	SB111 / C7060 - 90/10 (F/B)*	Min.	28	0.985	0.975	1.000	0.885	0.867	0.908	0.065	1.000
FTB001S28 1000065 -50	SB111 /C44300 Admiralty										
FTB004S28 1000065 -50	SB111 / C7150 - 70/30										
FTB006S28 1000065 -50	SB111 / C7060 - 90/10										
KTB001S28 1000065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004S28 1000065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006S28 1000065 -50	SB111 / C7060 - 90/10 (F/B)*	Av.	28	0.985	0.975	1.000	0.885	0.867	0.908	0.074	1.000
FTB002S281000083-50	SB111 / C44300 Admiralty										
FTB005S281000083-50	SB111 / C7150- 70/30										
FTB007S281000083-50	SB111 / C7060- 90/10										
KTB002S281000083-50	SB111 / C44300 Admiralty (F/B)*										
KTB005S281000083-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007S281000083-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max		Min.	Max.		
FTB002C190625049-50	SB111 / C44300 Admiralty	Av.	19	0.625	0.621	0.629	0.525	0.513	0.537	0.044	0.625
FTB005C190625049-50	SB111 / C7150- 70/30										
FTB007C190625049-50	SB111 / C7060- 90/10										
KTB002C190625049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C190625049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C190625049-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C190625049-50	SB111 / C44300 Admiralty	Min.	19	0.625	0.621	0.629	0.525	0.513	0.537	0.049	0.625
FTB004C190625049-50	SB111 / C7150 - 70/30										
FTB006C190625049-50	SB111 / C7060 - 90/10										
KTB001C190625049-50	SB111 / C44300 Admiralty (F/B)*										
KTB004C190625049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C190625049-50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C190625065-50	SB111 / C44300 Admiralty	Av.	19	0.625	0.621	0.629	0.525	0.513	0.537	0.058	0.625
FTB005C190625065-50	SB111 / C7150- 70/30										
FTB007C190625065-50	SB111 / C7060- 90/10										
KTB002C190625065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C190625065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C190625065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C190625065-50	SB111 / C44300 Admiralty	Min.	19	0.625	0.621	0.629	0.525	0.513	0.537	0.065	0.625
FTB004C190625065-50	SB111 / C7150 - 70/30										
FTB006C190625065-50	SB111 / C7060 - 90/10										
KTB001C190625065-50	SB111 / C44300 Admiralty (F/B)*										
KTB004C190625065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C190625065-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max		Min.	Max.		
FTB002C190750049-50	SB111 / C44300 Admiralty	Av.	19	0.750	0.746	0.754	0.650	0.638	0.662	0.044	0.750
FTB005C190750049-50	SB111 / C7150- 70/30										
FTB007C190750049-50	SB111 / C7060- 90/10										
KTB002C190750049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C190750049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C190750049-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C19 0750049 -50	SB111 /C44300 Admiralty	Min.	19	0.750	0.746	0.754	0.650	0.638	0.662	0.049	0.750
FTB004C19 0750049 -50	SB111 / C7150 - 70/30										
FTB006C19 0750049 -50	SB111 / C7060 - 90/10										
KTB001C19 0750049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004C19 0750049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C19 0750049 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C190750065-50	SB111 / C44300 Admiralty	Av.	19	0.750	0.746	0.754	0.650	0.638	0.662	0.058	0.750
FTB005C190750065-50	SB111 / C7150- 70/30										
FTB007C190750065-50	SB111 / C7060- 90/10										
KTB002C190750065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C190750065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C190750065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C19 0750065 -50	SB111 /C44300 Admiralty	Min.	19	0.750	0.746	0.754	0.650	0.638	0.662	0.065	0.750
FTB004C19 0750065 -50	SB111 / C7150 - 70/30										
FTB006C19 0750065 -50	SB111 / C7060 - 90/10										
KTB001C19 0750065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004C19 0750065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C19 0750065 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C190750083-50	SB111 / C44300 Admiralty	Av.	19	0.750	0.746	0.754	0.650	0.638	0.662	0.074	0.750
FTB005C190750083-50	SB111 / C7150- 70/30										
FTB007C190750083-50	SB111 / C7060- 90/10										
KTB002C190750083-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C190750083-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C190750083-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FTB002C191000049-50	SB111 / C44300 Admiralty	Av.	19	1.000	0.996	1.004	0.900	0.888	0.912	0.044	1.000
FTB005C191000049-50	SB111 / C7150- 70/30										
FTB007C191000049-50	SB111 / C7060- 90/10										
KTB002C191000049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C191000049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C191000049-50	SB111 / C7060 - 90/10 (F/B)*	Min.	19	1.000	0.996	1.004	0.900	0.888	0.912	0.049	1.000
FTB001C191000049-50	SB111 /C44300 Admiralty										
FTB004C191000049-50	SB111 / C7150 - 70/30										
FTB006C191000049-50	SB111 / C7060 - 90/10										
KTB001C191000049-50	SB111 / C44300 Admiralty (F/B)*										
KTB004C191000049-50	SB111 / C7150 - 70/30 (F/B)*	Av.	19	1.000	0.996	1.004	0.900	0.888	0.912	0.058	1.000
KTB006C191000049-50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C191000065-50	SB111 / C44300 Admiralty										
FTB005C191000065-50	SB111 / C7150- 70/30										
FTB007C191000065-50	SB111 / C7060- 90/10										
KTB002C191000065-50	SB111 / C44300 Admiralty (F/B)*	Min.	19	1.000	0.996	1.004	0.900	0.888	0.912	0.065	1.000
KTB005C191000065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C191000065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C191000065-50	SB111 /C44300 Admiralty										
FTB004C191000065-50	SB111 / C7150 - 70/30										
FTB006C191000065-50	SB111 / C7060 - 90/10	Av.	19	1.000	0.996	1.004	0.900	0.888	0.912	0.074	1.000
KTB001C191000065-50	SB111 / C44300 Admiralty (F/B)*										
KTB004C191000065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C191000065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C191000083-50	SB111 / C44300 Admiralty										
FTB005C191000083-50	SB111 / C7150- 70/30	Av.	19	1.000	0.996	1.004	0.900	0.888	0.912	0.074	1.000
FTB007C191000083-50	SB111 / C7060- 90/10										
KTB002C191000083-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C191000083-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C191000083-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max		Min.	Max.		
FTB002C260625049-50	SB111 / C44300 Admiralty	Av.	26	0.625	0.621	0.629	0.525	0.513	0.537	0.044	0.625
FTB005C260625049-50	SB111 / C7150- 70/30										
FTB007C260625049-50	SB111 / C7060- 90/10										
KTB002C260625049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C260625049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C260625049-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C260625049-50	SB111 / C44300 Admiralty	Min.	26	0.625	0.621	0.629	0.525	0.513	0.537	0.049	0.625
FTB004C260625049-50	SB111 / C7150 - 70/30										
FTB006C260625049-50	SB111 / C7060 - 90/10										
KTB001C260625049-50	SB111 / C44300 Admiralty (F/B)*										
KTB004C260625049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C260625049-50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C260625065-50	SB111 / C44300 Admiralty	Av.	26	0.625	0.621	0.629	0.525	0.513	0.537	0.058	0.625
FTB005C260625065-50	SB111 / C7150- 70/30										
FTB007C260625065-50	SB111 / C7060- 90/10										
KTB002C260625065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C260625065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C260625065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C260625065-50	SB111 / C44300 Admiralty	Min.	26	0.625	0.621	0.629	0.525	0.513	0.537	0.065	0.625
FTB004C260625065-50	SB111 / C7150 - 70/30										
FTB006C260625065-50	SB111 / C7060 - 90/10										
KTB001C260625065-50	SB111 / C44300 Admiralty (F/B)*										
KTB004C260625065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C260625065-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max		Min.	Max.		
FTB002C260750049-50	SB111 / C44300 Admiralty	Av.	26	0.750	0.746	0.754	0.650	0.638	0.662	0.044	0.750
FTB005C260750049-50	SB111 / C7150- 70/30										
FTB007C260750049-50	SB111 / C7060- 90/10										
KTB002C260750049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C260750049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C260750049-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C26 0750049 -50	SB111 /C44300 Admiralty	Min.	26	0.750	0.746	0.754	0.650	0.638	0.662	0.049	0.750
FTB004C26 0750049 -50	SB111 / C7150 - 70/30										
FTB006C26 0750049 -50	SB111 / C7060 - 90/10										
KTB001C26 0750049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004C26 0750049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C26 0750049 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C260750065-50	SB111 / C44300 Admiralty	Av.	26	0.750	0.746	0.754	0.650	0.638	0.662	0.058	0.750
FTB005C260750065-50	SB111 / C7150- 70/30										
FTB007C260750065-50	SB111 / C7060- 90/10										
KTB002C260750065-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C260750065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C260750065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C26 0750065 -50	SB111 /C44300 Admiralty	Min.	26	0.750	0.746	0.754	0.650	0.638	0.662	0.065	0.750
FTB004C26 0750065 -50	SB111 / C7150 - 70/30										
FTB006C26 0750065 -50	SB111 / C7060 - 90/10										
KTB001C26 0750065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004C26 0750065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C26 0750065 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C260750083-50	SB111 / C44300 Admiralty	Av.	26	0.750	0.746	0.754	0.650	0.638	0.662	0.074	0.750
FTB005C260750083-50	SB111 / C7150- 70/30										
FTB007C260750083-50	SB111 / C7060- 90/10										
KTB002C260750083-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C260750083-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C260750083-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	26 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max		Min.	Max.		
FTB002C261000049-50	SB111 / C44300 Admiralty	Av.	26	1.000	0.996	1.004	0.900	0.888	0.912	0.044	1.000
FTB005C261000049-50	SB111 / C7150- 70/30										
FTB007C261000049-50	SB111 / C7060- 90/10										
KTB002C261000049-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C261000049-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C261000049-50	SB111 / C7060 - 90/10 (F/B)*	Min.	26	1.000	0.996	1.004	0.900	0.888	0.912	0.049	1.000
FTB001C261000049-50	SB111 / C44300 Admiralty										
FTB004C261000049-50	SB111 / C7150 - 70/30										
FTB006C261000049-50	SB111 / C7060 - 90/10										
KTB001C261000049-50	SB111 / C44300 Admiralty (F/B)*										
KTB004C261000049-50	SB111 / C7150 - 70/30 (F/B)*	Av.	26	1.000	0.996	1.004	0.900	0.888	0.912	0.058	1.000
KTB006C261000049-50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C261000065-50	SB111 / C44300 Admiralty										
FTB005C261000065-50	SB111 / C7150- 70/30										
FTB007C261000065-50	SB111 / C7060- 90/10										
KTB002C261000065-50	SB111 / C44300 Admiralty (F/B)*	Min.	26	1.000	0.996	1.004	0.900	0.888	0.912	0.065	1.000
KTB005C261000065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C261000065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C261000065-50	SB111 / C44300 Admiralty										
FTB004C261000065-50	SB111 / C7150 - 70/30										
FTB006C261000065-50	SB111 / C7060 - 90/10	Av.	26	1.000	0.996	1.004	0.900	0.888	0.912	0.074	1.000
KTB001C261000065-50	SB111 / C44300 Admiralty (F/B)*										
KTB004C261000065-50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C261000065-50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C261000083-50	SB111 / C44300 Admiralty										
FTB005C261000083-50	SB111 / C7150- 70/30	Av.	26	1.000	0.996	1.004	0.900	0.888	0.912	0.074	1.000
FTB007C261000083-50	SB111 / C7060- 90/10										
KTB002C261000083-50	SB111 / C44300 Admiralty (F/B)*										
KTB005C261000083-50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C261000083-50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall Under Fin	Fpi	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max		Min.	Max.		
FTB002C28 0625049 -50	SB111 / C44300 Admiralty	Av.	28	0.625	0.621	0.629	0.525	0.513	0.537	0.044	0.625
FTB005C28 0625049 -50	SB111 / C7150- 70/30										
FTB007C28 0625049 -50	SB111 / C7060- 90/10										
KTB002C28 0625049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB005C28 0625049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C28 0625049 -50	SB111 / C7060 - 90/10 (F/B)*	Min.	28	0.625	0.621	0.629	0.525	0.513	0.537	0.049	0.625
FTB001C28 0625049 -50	SB111 /C44300 Admiralty										
FTB004C28 0625049 -50	SB111 / C7150 - 70/30										
FTB006C28 0625049 -50	SB111 / C7060 - 90/10										
KTB001C28 0625049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004C28 0625049 -50	SB111 / C7150 - 70/30 (F/B)*	Av.	28	0.625	0.621	0.629	0.525	0.513	0.537	0.058	0.625
FTB002C28 0625065 -50	SB111 / C44300 Admiralty										
FTB005C28 0625065 -50	SB111 / C7150- 70/30										
FTB007C28 0625065 -50	SB111 / C7060- 90/10										
KTB002C28 0625065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB005C28 0625065 -50	SB111 / C7150 - 70/30 (F/B)*	Min.	28	0.625	0.621	0.629	0.525	0.513	0.537	0.065	0.625
KTB007C28 0625065 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C28 0625065 -50	SB111 /C44300 Admiralty										
FTB004C28 0625065 -50	SB111 / C7150 - 70/30										
FTB006C28 0625065 -50	SB111 / C7060 - 90/10										
KTB001C28 0625065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004C28 0625065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C28 0625065 -50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

		Fin Section Dimensions									
Spec #	Description	Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FTB002C28 0750049 -50	SB111 / C44300 Admiralty	Av.	28	0.750	0.746	0.754	0.650	0.638	0.662	0.044	0.750
FTB005C28 0750049 -50	SB111 / C7150- 70/30										
FTB007C28 0750049 -50	SB111 / C7060- 90/10										
KTB002C28 0750049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB005C28 0750049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C28 0750049 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C28 0750049 -50	SB111 /C44300 Admiralty	Min.	28	0.750	0.746	0.754	0.650	0.638	0.662	0.049	0.750
FTB004C28 0750049 -50	SB111 / C7150 - 70/30										
FTB006C28 0750049 -50	SB111 / C7060 - 90/10										
KTB001C28 0750049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004C28 0750049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C28 0750049 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C28 0750065 -50	SB111 / C44300 Admiralty	Av.	28	0.750	0.746	0.754	0.650	0.638	0.662	0.058	0.750
FTB005C28 0750065 -50	SB111 / C7150- 70/30										
FTB007C28 0750065 -50	SB111 / C7060- 90/10										
KTB002C28 0750065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB005C28 0750065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C28 0750065 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C28 0750065 -50	SB111 /C44300 Admiralty	Min.	28	0.750	0.746	0.754	0.650	0.638	0.662	0.065	0.750
FTB004C28 0750065 -50	SB111 / C7150 - 70/30										
FTB006C28 0750065 -50	SB111 / C7060 - 90/10										
KTB001C28 0750065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004C28 0750065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C28 0750065 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C28 0750083 -50	SB111 / C44300 Admiralty	Av.	28	0.750	0.746	0.754	0.650	0.638	0.662	0.074	0.750
FTB005C28 0750083 -50	SB111 / C7150- 70/30										
FTB007C28 0750083 -50	SB111 / C7060- 90/10										
KTB002C28 0750083 -50	SB111 / C44300 Admiralty (F/B)*										
KTB005C28 0750083 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C28 0750083 -50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's. Close Tolerance .050 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	28 -1 +2
Fin Height	.050 Avg. .046 - .054
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max		Min.	Max.		
FTB002C28 1000049 -50	SB111 / C44300 Admiralty	Av.	28	1.000	0.996	1.004	0.900	0.888	0.912	0.044	1.000
FTB005C28 1000049 -50	SB111 / C7150- 70/30										
FTB007C28 1000049 -50	SB111 / C7060- 90/10										
KTB002C28 1000049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB005C28 1000049 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C28 1000049 -50	SB111 / C7060 - 90/10 (F/B)*	Min.	28	1.000	0.996	1.004	0.900	0.888	0.912	0.049	1.000
FTB001C28 1000049 -50	SB111 /C44300 Admiralty										
FTB004C28 1000049 -50	SB111 / C7150 - 70/30										
FTB006C28 1000049 -50	SB111 / C7060 - 90/10										
KTB001C28 1000049 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004C28 1000049 -50	SB111 / C7150 - 70/30 (F/B)*	Av.	28	1.000	0.996	1.004	0.900	0.888	0.912	0.058	1.000
KTB006C28 1000049 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C28 1000065 -50	SB111 / C44300 Admiralty										
FTB005C28 1000065 -50	SB111 / C7150- 70/30										
FTB007C28 1000065 -50	SB111 / C7060- 90/10										
KTB002C28 1000065 -50	SB111 / C44300 Admiralty (F/B)*	Min.	28	1.000	0.996	1.004	0.900	0.888	0.912	0.065	1.000
KTB005C28 1000065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C28 1000065 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB001C28 1000065 -50	SB111 /C44300 Admiralty										
FTB004C28 1000065 -50	SB111 / C7150 - 70/30										
FTB006C28 1000065 -50	SB111 / C7060 - 90/10	Av.	28	1.000	0.996	1.004	0.900	0.888	0.912	0.074	1.000
KTB001C28 1000065 -50	SB111 / C44300 Admiralty (F/B)*										
KTB004C28 1000065 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB006C28 1000065 -50	SB111 / C7060 - 90/10 (F/B)*										
FTB002C28 1000083 -50	SB111 / C44300 Admiralty										
FTB005C28 1000083 -50	SB111 / C7150- 70/30	Av.	28	1.000	0.996	1.004	0.900	0.888	0.912	0.074	1.000
FTB007C28 1000083 -50	SB111 / C7060- 90/10										
KTB002C28 1000083 -50	SB111 / C44300 Admiralty (F/B)*										
KTB005C28 1000083 -50	SB111 / C7150 - 70/30 (F/B)*										
KTB007C28 1000083 -50	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Specs. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FTB002S190625049-35	SB111 / C44300 Admiralty	Av.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.044	0.625
FTB005S190625049-35	SB111 / C7150- 70/30										
FTB007S190625049-35	SB111 / C7060- 90/10										
KTB002S190625049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S190625049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S190625049-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S190625049-35	SB111 /C44300 Admiralty	Min.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.049	0.625
FTB004S190625049-35	SB111 / C7150 - 70/30										
FTB006S190625049-35	SB111 / C7060 - 90/10										
KTB001S190625049-35	SB111 / C44300 Admiralty (F/B)*										
KTB004S190625049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S190625049-35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S190625065-35	SB111 / C44300 Admiralty	Av.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.058	0.625
FTB005S190625065-35	SB111 / C7150- 70/30										
FTB007S190625065-35	SB111 / C7060- 90/10										
KTB002S190625065-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S190625065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S190625065-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S190625065-35	SB111 /C44300 Admiralty	Min.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.065	0.625
FTB004S190625065-35	SB111 / C7150 - 70/30										
FTB006S190625065-35	SB111 / C7060 - 90/10										
KTB001S190625065-35	SB111 / C44300 Admiralty (F/B)*										
KTB004S190625065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S190625065-35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Specs. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FTB002S190750049-35	SB111 / C44300 Admiralty	Av.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.044	0.750
FTB005S190750049-35	SB111 / C7150- 70/30										
FTB007S190750049-35	SB111 / C7060- 90/10										
KTB002S190750049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S190750049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S190750049-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S19 0750049 -35	SB111 /C44300 Admiralty	Min.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.049	0.750
FTB004S19 0750049 -35	SB111 / C7150 - 70/30										
FTB006S19 0750049 -35	SB111 / C7060 - 90/10										
KTB001S19 0750049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S19 0750049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S19 0750049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S190750065-35	SB111 / C44300 Admiralty	Av.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.058	0.750
FTB005S190750065-35	SB111 / C7150- 70/30										
FTB007S190750065-35	SB111 / C7060- 90/10										
KTB002S190750065-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S190750065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S190750065-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S19 0750065 -35	SB111 /C44300 Admiralty	Min.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.065	0.750
FTB004S19 0750065 -35	SB111 / C7150 - 70/30										
FTB006S19 0750065 -35	SB111 / C7060 - 90/10										
KTB001S19 0750065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S19 0750065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S19 0750065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S190750083-35	SB111 / C44300 Admiralty	Av.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.074	0.750
FTB005S190750083-35	SB111 / C7150- 70/30										
FTB007S190750083-35	SB111 / C7060- 90/10										
KTB002S190750083-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S190750083-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S190750083-35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Specs. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FTB002S191000049-35	SB111 / C44300 Admiralty	Av.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.044	1.000
FTB005S191000049-35	SB111 / C7150- 70/30										
FTB007S191000049-35	SB111 / C7060- 90/10										
KTB002S191000049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S191000049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S191000049-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S19 1000049 -35	SB111 /C44300 Admiralty	Min.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.049	1.000
FTB004S19 1000049 -35	SB111 / C7150 - 70/30										
FTB006S19 1000049 -35	SB111 / C7060 - 90/10										
KTB001S19 1000049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S19 1000049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S19 1000049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S191000065-35	SB111 / C44300 Admiralty	Av.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.058	1.000
FTB005S191000065-35	SB111 / C7150- 70/30										
FTB007S191000065-35	SB111 / C7060- 90/10										
KTB002S191000065-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S191000065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S191000065-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S19 1000065 -35	SB111 /C44300 Admiralty	Min.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.065	1.000
FTB004S19 1000065 -35	SB111 / C7150 - 70/30										
FTB006S19 1000065 -35	SB111 / C7060 - 90/10										
KTB001S19 1000065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S19 1000065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S19 1000065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S191000083-35	SB111 / C44300 Admiralty	Av.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.074	1.000
FTB005S191000083-35	SB111 / C7150- 70/30										
FTB007S191000083-35	SB111 / C7060- 90/10										
KTB002S191000083-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S191000083-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S191000083-35	SB111 / C7060 - 90/10 (F/B)*										

Fins Per Inch	26 -1 +2
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Brass Alloys Specs. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FTB002S260625049-35	SB111 / C44300 Admiralty	Av.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.044	0.625
FTB005S260625049-35	SB111 / C7150- 70/30										
FTB007S260625049-35	SB111 / C7060- 90/10										
KTB002S260625049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S260625049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S260625049-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S26 0625049 -35	SB111 /C44300 Admiralty	Min.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.049	0.625
FTB004S26 0625049 -35	SB111 / C7150 - 70/30										
FTB006S26 0625049 -35	SB111 / C7060 - 90/10										
KTB001S26 0625049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S26 0625049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S26 0625049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S26 0625065 -35	SB111 / C44300 Admiralty	Av.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.058	0.625
FTB005S26 0625065 -35	SB111 / C7150- 70/30										
FTB007S26 0625065 -35	SB111 / C7060- 90/10										
KTB002S26 0625065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB005S26 0625065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S26 0625065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S26 0625065 -35	SB111 /C44300 Admiralty	Min.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.065	0.625
FTB004S26 0625065 -35	SB111 / C7150 - 70/30										
FTB006S26 0625065 -35	SB111 / C7060 - 90/10										
KTB001S26 0625065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S26 0625065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S26 0625065 -35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Specs. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	26 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002S26 0750049 -35	SB111 / C44300 Admiralty	Av.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.044	0.750
FTB005S26 0750049 -35	SB111 / C7150- 70/30										
FTB007S26 0750049 -35	SB111 / C7060- 90/10										
KTB002S26 0750049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB005S26 0750049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S26 0750049 -35	SB111 / C7060 - 90/10 (F/B)*	Min.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.049	0.750
FTB001S26 0750049 -35	SB111 /C44300 Admiralty										
FTB004S26 0750049 -35	SB111 / C7150 - 70/30										
FTB006S26 0750049 -35	SB111 / C7060 - 90/10										
KTB001S26 0750049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S26 0750049 -35	SB111 / C7150 - 70/30 (F/B)*	Av.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.058	0.750
KTB006S26 0750049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S26 0750065 -35	SB111 / C44300 Admiralty										
FTB005S26 0750065 -35	SB111 / C7150- 70/30										
FTB007S26 0750065 -35	SB111 / C7060- 90/10										
KTB002S26 0750065 -35	SB111 / C44300 Admiralty (F/B)*	Min.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.065	0.750
KTB005S26 0750065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S26 0750065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S26 0750065 -35	SB111 /C44300 Admiralty										
FTB004S26 0750065 -35	SB111 / C7150 - 70/30										
FTB006S26 0750065 -35	SB111 / C7060 - 90/10	Av.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.074	0.750
KTB001S26 0750065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S26 0750065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S26 0750065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S26 0750083 -35	SB111 / C44300 Admiralty										
FTB005S26 0750083 -35	SB111 / C7150- 70/30										
FTB007S26 0750083 -35	SB111 / C7060- 90/10	Av.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.074	0.750
KTB002S26 0750083 -35	SB111 / C44300 Admiralty (F/B)*										
KTB005S26 0750083 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S26 0750083 -35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Specs. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	26 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002S261000049-35	SB111 / C44300 Admiralty	Av.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.044	1.000
FTB005S261000049-35	SB111 / C7150- 70/30										
FTB007S261000049-35	SB111 / C7060- 90/10										
KTB002S261000049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S261000049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S261000049-35	SB111 / C7060 - 90/10 (F/B)*	Min.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.049	1.000
FTB001S26 1000049 -35	SB111 /C44300 Admiralty										
FTB004S26 1000049 -35	SB111 / C7150 - 70/30										
FTB006S26 1000049 -35	SB111 / C7060 - 90/10										
KTB001S26 1000049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S26 1000049 -35	SB111 / C7150 - 70/30 (F/B)*	Av.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.058	1.000
KTB006S26 1000049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S261000065-35	SB111 / C44300 Admiralty										
FTB005S261000065-35	SB111 / C7150- 70/30										
FTB007S261000065-35	SB111 / C7060- 90/10										
KTB002S261000065-35	SB111 / C44300 Admiralty (F/B)*	Min.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.065	1.000
KTB005S261000065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S261000065-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S26 1000065 -35	SB111 /C44300 Admiralty										
FTB004S26 1000065 -35	SB111 / C7150 - 70/30										
FTB006S26 1000065 -35	SB111 / C7060 - 90/10	Av.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.074	1.000
KTB001S26 1000065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S26 1000065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S26 1000065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S261000083-35	SB111 / C44300 Admiralty										
FTB005S261000083-35	SB111 / C7150- 70/30	Av.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.074	1.000
FTB007S261000083-35	SB111 / C7060- 90/10										
KTB001S261000083-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S261000083-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S261000083-35	SB111 / C7060 - 90/10 (F/B)*										

Fins Per Inch	28 -1 +2
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Brass Alloys Specs. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max		Min.	Max.		
FTB002S280625049-35	SB111 / C44300 Admiralty	Av.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.044	0.625
FTB005S280625049-35	SB111 / C7150- 70/30										
FTB007S280625049-35	SB111 / C7060- 90/10										
KTB002S280625049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S280625049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S280625049-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S28 0625049 -35	SB111 /C44300 Admiralty	Min.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.049	0.625
FTB004S28 0625049 -35	SB111 / C7150 - 70/30										
FTB006S28 0625049 -35	SB111 / C7060 - 90/10										
KTB001S28 0625049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S28 0625049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S28 0625049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S28 0625065 -35	SB111 / C44300 Admiralty	Av.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.058	0.625
FTB005S28 0625065 -35	SB111 / C7150- 70/30										
FTB007S28 0625065 -35	SB111 / C7060- 90/10										
KTB002S28 0625065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB005S28 0625065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S28 0625065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S28 0625065 -35	SB111 /C44300 Admiralty	Min.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.065	0.625
FTB004S28 0625065 -35	SB111 / C7150 - 70/30										
FTB006S28 0625065 -35	SB111 / C7060 - 90/10										
KTB001S28 0625065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S28 0625065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S28 0625065 -35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Specs. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	28 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002S28 0750049 -35	SB111 / C44300 Admiralty	Av.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.044	0.750
FTB005S28 0750049 -35	SB111 / C7150- 70/30										
FTB007S28 0750049 -35	SB111 / C7060- 90/10										
KTB002S28 0750049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB005S28 0750049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S28 0750049 -35	SB111 / C7060 - 90/10 (F/B)*	Min.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.049	0.750
FTB001S28 0750049 -35	SB111 /C44300 Admiralty										
FTB004S28 0750049 -35	SB111 / C7150 - 70/30										
FTB006S28 0750049 -35	SB111 / C7060 - 90/10										
KTB001S28 0750049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S28 0750049 -35	SB111 / C7150 - 70/30 (F/B)*	Av.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.058	0.750
KTB006S28 0750049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S280750065-35	SB111 / C44300 Admiralty										
FTB005S280750065-35	SB111 / C7150- 70/30										
FTB007S280750065-35	SB111 / C7060- 90/10										
KTB002S280750065-35	SB111 / C44300 Admiralty (F/B)*	Min.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.065	0.750
KTB005S280750065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S280750065-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S28 0750065 -35	SB111 /C44300 Admiralty										
FTB004S28 0750065 -35	SB111 / C7150 - 70/30										
FTB006S28 0750065 -35	SB111 / C7060 - 90/10	Av.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.074	0.750
KTB001S28 0750065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S28 0750065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S28 0750065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S280750083-35	SB111 / C44300 Admiralty										
FTB005S280750083-35	SB111 / C7150- 70/30	Av.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.074	0.750
FTB007S280750083-35	SB111 / C7060- 90/10										
KTB002S280750083-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S280750083-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S280750083-35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Specs. Standard Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	28 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002S281000049-35	SB111 / C44300 Admiralty	Av.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.044	1.000
FTB005S281000049-35	SB111 / C7150- 70/30										
FTB007S281000049-35	SB111 / C7060- 90/10										
KTB002S281000049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S281000049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S281000049-35	SB111 / C7060 - 90/10 (F/B)*	Min.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.049	1.000
FTB001S28 1000049 -35	SB111 /C44300 Admiralty										
FTB004S28 1000049 -35	SB111 / C7150 - 70/30										
FTB006S28 1000049 -35	SB111 / C7060 - 90/10										
KTB001S28 1000049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S28 1000049 -35	SB111 / C7150 - 70/30 (F/B)*	Av.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.058	1.000
KTB006S28 1000049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S281000065-35	SB111 / C44300 Admiralty										
FTB005S281000065-35	SB111 / C7150- 70/30										
FTB007S281000065-35	SB111 / C7060- 90/10										
KTB002S281000065-35	SB111 / C44300 Admiralty (F/B)*	Min.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.065	1.000
KTB005S281000065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S281000065-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001S28 1000065 -35	SB111 /C44300 Admiralty										
FTB004S28 1000065 -35	SB111 / C7150 - 70/30										
FTB006S28 1000065 -35	SB111 / C7060 - 90/10	Av.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.074	1.000
KTB001S28 1000065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004S28 1000065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006S28 1000065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002S281000083-35	SB111 / C44300 Admiralty										
FTB005S281000083-35	SB111 / C7150- 70/30										
FTB007S281000083-35	SB111 / C7060- 90/10	Av.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.074	1.000
KTB002S281000083-35	SB111 / C44300 Admiralty (F/B)*										
KTB005S281000083-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007S281000083-35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's Close Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin Bend

Fins Per Inch	19 -1 +2
Fin Height	.035 Avg. .032 - .038
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FTB002C190625049-35	SB111 / C44300 Admiralty	Av.	19	0.625	0.621	0.629	0.555	0.545	0.565	0.044	0.625
FTB005C190625049-35	SB111 / C7150- 70/30										
FTB007C190625049-35	SB111 / C7060- 90/10										
KTB002C190625049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C190625049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C190625049-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C19 0625049 -35	SB111 /C44300 Admiralty	Min.	19	0.625	0.621	0.629	0.555	0.545	0.565	0.049	0.625
FTB004C19 0625049 -35	SB111 / C7150 - 70/30										
FTB006C19 0625049 -35	SB111 / C7060 - 90/10										
KTB001C19 0625049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C19 0625049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C19 0625049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002C190625065-35	SB111 / C44300 Admiralty	Av.	19	0.625	0.621	0.629	0.555	0.545	0.565	0.058	0.625
FTB005C190625065-35	SB111 / C7150- 70/30										
FTB007C190625065-35	SB111 / C7060- 90/10										
KTB002C190625065-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C190625065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C190625065-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C19 0625065 -35	SB111 /C44300 Admiralty	Min.	19	0.625	0.621	0.629	0.555	0.545	0.565	0.065	0.625
FTB004C19 0625065 -35	SB111 / C7150 - 70/30										
FTB006C19 0625065 -35	SB111 / C7060 - 90/10										
KTB001C19 0625065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C19 0625065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C19 0625065 -35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's Close Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin Bend

Fins Per Inch	19 -1 +2
Fin Height	.035 Avg. .032 - .038
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Nominal Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FTB002C190750049-35	SB111 / C44300 Admiralty	Av.	19	0.750	0.746	0.754	0.680	0.670	0.690	0.044	0.750
FTB005C190750049-35	SB111 / C7150- 70/30										
FTB007C190750049-35	SB111 / C7060- 90/10										
KTB002C190750049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C190750049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C190750049-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C19 0750049 -35	SB111 /C44300 Admiralty	Min.	19	0.750	0.746	0.754	0.680	0.670	0.690	0.049	0.750
FTB004C19 0750049 -35	SB111 / C7150 - 70/30										
FTB006C19 0750049 -35	SB111 / C7060 - 90/10										
KTB001C19 0750049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C19 0750049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C19 0750049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002C190750065-35	SB111 / C44300 Admiralty	Av.	19	0.750	0.746	0.754	0.680	0.670	0.690	0.058	0.750
FTB005C190750065-35	SB111 / C7150- 70/30										
FTB007C190750065-35	SB111 / C7060- 90/10										
KTB002C190750065-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C190750065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C190750065-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C19 0750065 -35	SB111 /C44300 Admiralty	Min.	19	0.750	0.746	0.754	0.680	0.670	0.690	0.065	0.750
FTB004C19 0750065 -35	SB111 / C7150 - 70/30										
FTB006C19 0750065 -35	SB111 / C7060 - 90/10										
KTB001C19 0750065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C19 0750065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C19 0750065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002C190750083-35	SB111 / C44300 Admiralty	Av.	19	0.750	0.746	0.754	0.680	0.670	0.690	0.074	0.750
FTB005C190750083-35	SB111 / C7150- 70/30										
FTB007C190750083-35	SB111 / C7060- 90/10										
KTB002C190750083-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C190750083-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C190750083-35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's Close Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin Bend

Fins Per Inch	19 -1 +2
Fin Height	.035 Avg. .032 - .038
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FTB002C191000049-35	SB111 / C44300 Admiralty	Av.	19	1.000	0.996	1.004	0.930	0.920	0.940	0.044	1.000
FTB005C191000049-35	SB111 / C7150- 70/30										
FTB007C191000049-35	SB111 / C7060- 90/10										
KTB002C191000049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C191000049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C191000049-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C19 1000049 -35	SB111 /C44300 Admiralty	Min.	19	1.000	0.996	1.004	0.930	0.920	0.940	0.049	1.000
FTB004C19 1000049 -35	SB111 / C7150 - 70/30										
FTB006C19 1000049 -35	SB111 / C7060 - 90/10										
KTB001C19 1000049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C19 1000049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C19 1000049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002C191000065-35	SB111 / C44300 Admiralty	Av.	19	1.000	0.996	1.004	0.930	0.920	0.940	0.058	1.000
FTB005C191000065-35	SB111 / C7150- 70/30										
FTB007C191000065-35	SB111 / C7060- 90/10										
KTB002C191000065-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C191000065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C191000065-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C19 1000065 -35	SB111 /C44300 Admiralty	Min.	19	1.000	0.996	1.004	0.930	0.920	0.940	0.065	1.000
FTB004C19 1000065 -35	SB111 / C7150 - 70/30										
FTB006C19 1000065 -35	SB111 / C7060 - 90/10										
KTB001C19 1000065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C19 1000065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C19 1000065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB00219C1000083-35	SB111 / C44300 Admiralty	Av.	19	1.000	0.996	1.004	0.930	0.920	0.940	0.074	1.000
FTB00519C1000083-35	SB111 / C7150- 70/30										
FTB00719C1000083-35	SB111 / C7060- 90/10										
KTB002C191000083-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C191000083-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C191000083-35	SB111 / C7060 - 90/10 (F/B)*										

Fins Per Inch	26 -1 +2
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Brass Alloys Spec's Close Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin Bend

Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FTB002C26 0625049 -35	SB111 / C44300 Admiralty	Av.	26	0.625	0.621	0.629	0.555	0.551	0.559	0.044	0.625
FTB005C26 0625049 -35	SB111 / C7150- 70/30										
FTB007C26 0625049 -35	SB111 / C7060- 90/10										
KTB002C26 0625049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB005C26 0625049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C26 0625049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C26 0625049 -35	SB111 /C44300 Admiralty	Min.	26	0.625	0.621	0.629	0.555	0.551	0.559	0.049	0.625
FTB004C26 0625049 -35	SB111 / C7150 - 70/30										
FTB006C26 0625049 -35	SB111 / C7060 - 90/10										
KTB001C26 0625049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C26 0625049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C26 0625049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002C26 0625065 -35	SB111 / C44300 Admiralty	Av.	26	0.625	0.621	0.629	0.555	0.551	0.559	0.058	0.625
FTB005C26 0625065 -35	SB111 / C7150- 70/30										
FTB007C26 0625065 -35	SB111 / C7060- 90/10										
KTB002C26 0625065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB005C26 0625065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C26 0625065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C26 0625065 -35	SB111 /C44300 Admiralty	Min.	26	0.625	0.621	0.629	0.555	0.551	0.559	0.065	0.625
FTB004C26 0625065 -35	SB111 / C7150 - 70/30										
FTB006C26 0625065 -35	SB111 / C7060 - 90/10										
KTB001C26 0625065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C26 0625065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C26 0625065 -35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's Close Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin Bend

Fins Per Inch	26	-1	+2
Fin Height	.035 min.		
Fin Thickness	.011 Nominal		

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FTB002C26 0750049 -35	SB111 / C44300 Admiralty	Av.	26	0.750	0.746	0.754	0.680	0.676	0.684	0.044	0.750
FTB005C26 0750049 -35	SB111 / C7150- 70/30										
FTB007C26 0750049 -35	SB111 / C7060- 90/10										
KTB002C26 0750049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB005C26 0750049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C26 0750049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C26 0750049 -35	SB111 /C44300 Admiralty	Min.	26	0.750	0.746	0.754	0.680	0.676	0.684	0.049	0.750
FTB004C26 0750049 -35	SB111 / C7150 - 70/30										
FTB006C26 0750049 -35	SB111 / C7060 - 90/10										
KTB001C26 0750049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C26 0750049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C26 0750049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002C26 0750065 -35	SB111 / C44300 Admiralty	Av.	26	0.750	0.746	0.754	0.680	0.676	0.684	0.058	0.750
FTB005C26 0750065 -35	SB111 / C7150- 70/30										
FTB007C26 0750065 -35	SB111 / C7060- 90/10										
KTB002C26 0750065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB005C26 0750065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C26 0750065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C26 0750065 -35	SB111 /C44300 Admiralty	Min.	26	0.750	0.746	0.754	0.680	0.676	0.684	0.065	0.750
FTB004C26 0750065 -35	SB111 / C7150 - 70/30										
FTB006C26 0750065 -35	SB111 / C7060 - 90/10										
KTB001C26 0750065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C26 0750065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C26 0750065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002C26 0750083 -35	SB111 / C44300 Admiralty	Av.	26	0.750	0.746	0.754	0.680	0.676	0.684	0.074	0.750
FTB005C26 0750083 -35	SB111 / C7150- 70/30										
FTB007C26 0750083 -35	SB111 / C7060- 90/10										
KTB002C26 0750083 -35	SB111 / C44300 Admiralty (F/B)*										
KTB005C26 0750083 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C26 0750083 -35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's Close Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin Bend

Fins Per Inch	26 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002C261000049-35	SB111 / C44300 Admiralty	Av.	26	1.000	0.996	1.004	0.930	0.926	0.934	0.044	1.000
FTB005C261000049-35	SB111 / C7150- 70/30										
FTB007C261000049-35	SB111 / C7060- 90/10										
KTBB002C261000049-35	SB111 / C44300 Admiralty (F/B)*										
KTBB005C261000049-35	SB111 / C7150 - 70/30 (F/B)*										
KTBB007C261000049-35	SB111 / C7060 - 90/10 (F/B)*	Min.	26	1.000	0.996	1.004	0.930	0.926	0.934	0.049	1.000
FTB001C26 1000049 -35	SB111 /C44300 Admiralty										
FTB004C26 1000049 -35	SB111 / C7150 - 70/30										
FTB006C26 1000049 -35	SB111 / C7060 - 90/10										
KTBB001C26 1000049 -35	SB111 / C44300 Admiralty (F/B)*										
KTBB004C26 1000049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTBB006C26 1000049 -35	SB111 / C7060 - 90/10 (F/B)*	Av.	26	1.000	0.996	1.004	0.930	0.926	0.934	0.058	1.000
FTB002C261000065-35	SB111 / C44300 Admiralty										
FTB005C261000065-35	SB111 / C7150- 70/30										
FTB007C261000065-35	SB111 / C7060- 90/10										
KTBB002C261000065-35	SB111 / C44300 Admiralty (F/B)*										
KTBB005C261000065-35	SB111 / C7150 - 70/30 (F/B)*										
KTBB007C261000065-35	SB111 / C7060 - 90/10 (F/B)*	Min.	26	1.000	0.996	1.004	0.930	0.926	0.934	0.065	1.000
FTB001C26 1000065 -35	SB111 /C44300 Admiralty										
FTB004C26 1000065 -35	SB111 / C7150 - 70/30										
FTB006C26 1000065 -35	SB111 / C7060 - 90/10										
KTBB001C26 1000065 -35	SB111 / C44300 Admiralty (F/B)*										
KTBB004C26 1000065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTBB006C26 1000065 -35	SB111 / C7060 - 90/10 (F/B)*	Av.	26	1.000	0.996	1.004	0.930	0.926	0.934	0.074	1.000
FTB001C261000083-35	SB111 / C44300 Admiralty										
FTB005C261000083-35	SB111 / C7150- 70/30										
FTBB007C261000083-35	SB111 / C7060- 90/10										
KTBB001C261000083-35	SB111 / C44300 Admiralty (F/B)*										
KTBB005C261000083-35	SB111 / C7150 - 70/30 (F/B)*										
KTBB007C261000083-35	SB111 / C7060 - 90/10 (F/B)*										

Fins Per Inch	28 -1 +2
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Brass Alloys Spec's Close Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin Bend

Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FTB001C280625049-35	SB111 / C44300 Admiralty	Av.	28	0.625	0.621	0.629	0.555	0.551	0.559	0.044	0.625
FTB005C280625049-35	SB111 / C7150- 70/30										
FTB007C280625049-35	SB111 / C7060- 90/10										
KTB001C280625049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C280625049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C280625049-35	SB111 / C7060 - 90/10 (F/B)*										
FTB002C280625049-35	SB111 / C44300 Admiralty	Min.	28	0.625	0.621	0.629	0.555	0.551	0.559	0.049	0.625
FTB004C280625049-35	SB111 / C7150 - 70/30										
FTB006C280625049-35	SB111 / C7060 - 90/10										
KTB002C280625049-35	SB111 / C44300 Admiralty (F/B)*										
KTB004C280625049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C280625049-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C280625065-35	SB111 / C44300 Admiralty	Av.	28	0.625	0.621	0.629	0.555	0.551	0.559	0.058	0.625
FTB005C280625065-35	SB111 / C7150- 70/30										
FTB007C280625065-35	SB111 / C7060- 90/10										
KTB001C280625065-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C280625065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C280625065-35	SB111 / C7060 - 90/10 (F/B)*										
FTB002C280625065-35	SB111 / C44300 Admiralty	Min.	28	0.625	0.621	0.629	0.555	0.551	0.559	0.065	0.625
FTB004C280625065-35	SB111 / C7150 - 70/30										
FTB006C280625065-35	SB111 / C7060 - 90/10										
KTB002C280625065-35	SB111 / C44300 Admiralty (F/B)*										
KTB004C280625065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C280625065-35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's Close Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin Bend

Fins Per Inch	28 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002C280750049-35	SB111 / C44300 Admiralty	Av.	28	0.750	0.746	0.754	0.680	0.676	0.684	0.044	0.750
FTB005C280750049-35	SB111 / C7150- 70/30										
FTB007C280750049-35	SB111 / C7060- 90/10										
KTB002C280750049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C280750049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C280750049-35	SB111 / C7060 - 90/10 (F/B)*	Min.	28	0.750	0.746	0.754	0.680	0.676	0.684	0.049	0.750
FTB001C28 0750049 -35	SB111 /C44300 Admiralty										
FTB004C28 0750049 -35	SB111 / C7150 - 70/30										
FTB006C28 0750049 -35	SB111 / C7060 - 90/10										
KTB001C28 0750049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C28 0750049 -35	SB111 / C7150 - 70/30 (F/B)*	Av.	28	0.750	0.746	0.754	0.680	0.676	0.684	0.058	0.750
KTB006C28 0750049 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002C280750065-35	SB111 / C44300 Admiralty										
FTB005C280750065-35	SB111 / C7150- 70/30										
FTB007C280750065-35	SB111 / C7060- 90/10										
KTB002C280750065-35	SB111 / C44300 Admiralty (F/B)*	Min.	28	0.750	0.746	0.754	0.680	0.676	0.684	0.065	0.750
KTB005C280750065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C280750065-35	SB111 / C7060 - 90/10 (F/B)*										
FTB001C28 0750065 -35	SB111 /C44300 Admiralty										
FTB004C28 0750065 -35	SB111 / C7150 - 70/30										
FTB006C28 0750065 -35	SB111 / C7060 - 90/10	Av.	28	0.750	0.746	0.754	0.680	0.676	0.684	0.074	0.750
KTB001C28 0750065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C28 0750065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C28 0750065 -35	SB111 / C7060 - 90/10 (F/B)*										
FTB002C280750083-35	SB111 / C44300 Admiralty										
FTB005C280750083-35	SB111 / C7150- 70/30										
FTB007C280750083-35	SB111 / C7060- 90/10										
KTB002C280750083-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C280750083-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C280750083-35	SB111 / C7060 - 90/10 (F/B)*										

Brass Alloys Spec's Close Tolerance .035 Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin Bend

Fins Per Inch	28 -1 +2
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FTB002C281000049-35	SB111 / C44300 Admiralty	Av.	28	1.000	0.996	1.004	0.930	0.926	0.934	0.044	1.000
FTB005C281000049-35	SB111 / C7150- 70/30										
FTB007C281000049-35	SB111 / C7060- 90/10										
KTB002C281000049-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C281000049-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C281000049-35	SB111 / C7060 - 90/10 (F/B)*	Min.	28	1.000	0.996	1.004	0.930	0.926	0.934	0.049	1.000
FTB001C28 1000049 -35	SB111 /C44300 Admiralty										
FTB004C28 1000049 -35	SB111 / C7150 - 70/30										
FTB006C28 1000049 -35	SB111 / C7060 - 90/10										
KTB001C28 1000049 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C28 1000049 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C28 1000049 -35	SB111 / C7060 - 90/10 (F/B)*	Av.	28	1.000	0.996	1.004	0.930	0.926	0.934	0.058	1.000
FTB002C281000065-35	SB111 / C44300 Admiralty										
FTB005C281000065-35	SB111 / C7150- 70/30										
FTB007C281000065-35	SB111 / C7060- 90/10										
KTB002C281000065-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C281000065-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C281000065-35	SB111 / C7060 - 90/10 (F/B)*	Min.	28	1.000	0.996	1.004	0.930	0.926	0.934	0.065	1.000
FTB001C28 1000065 -35	SB111 /C44300 Admiralty										
FTB004C28 1000065 -35	SB111 / C7150 - 70/30										
FTB006C28 1000065 -35	SB111 / C7060 - 90/10										
KTB001C28 1000065 -35	SB111 / C44300 Admiralty (F/B)*										
KTB004C28 1000065 -35	SB111 / C7150 - 70/30 (F/B)*										
KTB006C28 1000065 -35	SB111 / C7060 - 90/10 (F/B)*	Av.	28	1.000	0.996	1.004	0.930	0.926	0.934	0.074	1.000
FTB002C281000083-35	SB111 / C44300 Admiralty										
FTB005C281000083-35	SB111 / C7150- 70/30										
FTB007C281000083-35	SB111 / C7060- 90/10										
KTB002C281000083-35	SB111 / C44300 Admiralty (F/B)*										
KTB005C281000083-35	SB111 / C7150 - 70/30 (F/B)*										
KTB007C281000083-35	SB111 / C7060 - 90/10 (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +1
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FM053S190625049-35	A/SA 249 TP 304L	Av.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.044	0.625
FM057S190625049-35	A/SA 249 TP 316L										
FM101S190625049-35	A/SA 789 2205 Duplex										
KM053S190625049-35	A/SA 249 TP 304L (F/B)*										
KM057S190625049-35	A/SA 249 TP 316L (F/B)*										
KM101S190625049-35	A/SA 789 2205 Duplex (F/B)*										
FM043S190625045-35	A/SA 249 TP 304L	Min.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.049	0.625
FM047S190625045-35	A/SA 249 TP 316L										
FM102S190625045-35	A/SA 789 2205 Duplex										
KM043S190625045-35	A/SA 249 TP 304L (F/B)*										
KM047S190625045-35	A/SA 249 TP 316L (F/B)*										
KM102S190625045-35	A/SA 789 2205 Duplex (F/B)*										
FM053S190625065-35	A/SA 249 TP 304L	Av.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.058	0.625
FM057S190625065-35	A/SA 249 TP 316L										
FM101S190625065-35	A/SA 789 2205 Duplex										
KM053S190625065-35	A/SA 249 TP 304L (F/B)*										
KM057S190625065-35	A/SA 249 TP 316L (F/B)*										
KM101S190625065-35	A/SA 789 2205 Duplex (F/B)*										
FM043S190625065-35	A/SA 249 TP 304L	Min.	19	0.612	0.600	0.625	0.542	0.530	0.555	0.065	0.625
FM047S190625065-35	A/SA 249 TP 316L										
FM102S190625065-35	A/SA 789 2205 Duplex										
KM043S190625065-35	A/SA 249 TP 304L (F/B)*										
KM047S190625065-35	A/SA 249 TP 316L (F/B)*										
KM102S190625065-35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +1
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall Under Fin	Fins Per Inch	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FM053S190750049-35	A/SA 249 TP 304L	Av.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.044	0.750
FM057S190750049-35	A/SA 249 TP 316L										
FM101S190750049-35	A/SA 789 2205 Duplex										
KM053S190750049-35	A/SA 249 TP 304L (F/B)*										
KM057S190750049-35	A/SA 249 TP 316L (F/B)*										
KM101S190750049-35	A/SA 789 2205 Duplex (F/B)*										
FM043S19 0750049 -35	A/SA 249 TP 304L	Min.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.049	0.750
FM047S19 0750049 -35	A/SA 249 TP 316L										
FM102S19 0750049 -35	A/SA 789 2205 Duplex										
KM043S19 0750049 -35	A/SA 249 TP 304L (F/B)*										
KM047S19 0750049 -35	A/SA 249 TP 316L (F/B)*										
KM102S19 0750049 -35	A/SA 789 2205 Duplex (F/B)*										
FM053S190750065-35	A/SA 249 TP 304L	Av.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.058	0.750
FM057S190750065-35	A/SA 249 TP 316L										
FM101S190750065-35	A/SA 789 2205 Duplex										
KM053S190750065-35	A/SA 249 TP 304L (F/B)*										
KM057S190750065-35	A/SA 249 TP 316L (F/B)*										
KM101S190750065-35	A/SA 789 2205 Duplex (F/B)*										
FM043S19 0750065 -35	A/SA 249 TP 304L	Min.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.065	0.750
FM047S19 0750065 -35	A/SA 249 TP 316L										
FM102S19 0750065 -35	A/SA 789 2205 Duplex										
KM043S19 0750065 -35	A/SA 249 TP 304L (F/B)*										
KM047S19 0750065 -35	A/SA 249 TP 316L (F/B)*										
KM102S19 0750065 -35	A/SA 789 2205 Duplex (F/B)*										
FM053S190750083-35	A/SA 249 TP 304L	Av.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.074	0.750
FM057S190750083-35	A/SA 249 TP 316L										
FM101S190750083-35	A/SA 789 2205 Duplex										
KM053S190750083-35	A/SA 249 TP 304L (F/B)*										
KM057S190750083-35	A/SA 249 TP 316L (F/B)*										
KM101S190750083-35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +1
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions								Plain Section Od.	
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter			Minimum Wall
					Min.	Max.		Min.	Max.		
FM043S19 0750083 -35	A/SA 249 TP 304L	Min.	19	0.740	0.725	0.750	0.670	0.655	0.680	0.083	0.750
FM047S19 0750083 -35	A/SA 249 TP 316L										
FM102S19 0750083 -35	A/SA 789 2205 Duplex										
KM043S19 0750083 -35	A/SA 249 TP 304L (F/B)*										
KM047S19 0750083 -35	A/SA 249 TP 316L (F/B)*										
KM102S19 0750083 -35	A/SA 789 2205 Duplex (F/B)*	Av.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.044	1.000
FM053S191000049-35	A/SA 249 TP 304L										
FM057S191000049-35	A/SA 249 TP 316L										
FM101S191000049-35	A/SA 789 2205 Duplex										
KM053S191000049-35	A/SA 249 TP 304L (F/B)*										
KM057S191000049-35	A/SA 249 TP 316L (F/B)*										
KM101S191000049-35	A/SA 789 2205 Duplex (F/B)*	Min.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.049	1.000
FM043S19 1000049 -35	A/SA 249 TP 304L										
FM047S19 1000049 -35	A/SA 249 TP 316L										
FM102S19 1000049 -35	A/SA 789 2205 Duplex										
KM043S19 1000049 -35	A/SA 249 TP 304L (F/B)*										
KM047S19 1000049 -35	A/SA 249 TP 316L (F/B)*										
KM102S19 1000049 -35	A/SA 789 2205 Duplex (F/B)*	Av.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.058	1.000
FM053S191000065-35	A/SA 249 TP 304L										
FM057S191000065-35	A/SA 249 TP 316L										
FM101S191000065-35	A/SA 789 2205 Duplex										
KM053S191000065-35	A/SA 249 TP 304L (F/B)*										
KM057S191000065-35	A/SA 249 TP 316L (F/B)*										
KM101S191000065-35	A/SA 789 2205 Duplex (F/B)*	Min.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.065	1.000
FM043S19 1000065 -35	A/SA 249 TP 304L										
FM047S19 1000065 -35	A/SA 249 TP 316L										
FM102S19 1000065 -35	A/SA 789 2205 Duplex										
KM043S19 1000065 -35	A/SA 249 TP 304L (F/B)*										
KM047S19 1000065 -35	A/SA 249 TP 316L (F/B)*										
KM102S19 1000065 -35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +1
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									Plain Section Od.
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	
					Min.	Max.		Min.	Max.		
FM053S191000083-35	A/SA 249 TP 304L	Av.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.074	1.000
FM057S191000083-35	A/SA 249 TP 316L										
FM101S191000083-35	A/SA 789 2205 Duplex										
KM053S191000083-35	A/SA 249 TP 304L (F/B)*										
KM057S191000083-35	A/SA 249 TP 316L (F/B)*										
KM101S191000083-35	A/SA 789 2205 Duplex (F/B)*	Min.	19	0.985	0.975	1.000	0.915	0.905	0.930	0.083	1.000
FM043S19 1000083 -35	A/SA 249 TP 304L										
FM047S19 1000083 -35	A/SA 249 TP 316L										
FM102S19 1000083 -35	A/SA 789 2205 Duplex										
KM043S19 1000083 -35	A/SA 249 TP 304L (F/B)*										
KM047S19 1000083 -35	A/SA 249 TP 316L (F/B)*										
KM102S19 1000083 -35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	26 -1 +1
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	Fpi	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM053S260625049-35	A/SA 249 TP 304L	Av.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.044	0.625
FM057S260625049-35	A/SA 249 TP 316L										
FM101S260625049-35	A/SA 789 2205 Duplex										
KM053S260625049-35	A/SA 249 TP 304L (F/B)*										
KM057S260625049-35	A/SA 249 TP 316L (F/B)*										
KM101S260625049-35	A/SA 789 2205 Duplex (F/B)*	Min.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.049	0.625
FM043S260625049-35	A/SA 249 TP 304L										
FM047S260625049-35	A/SA 249 TP 316L										
FM102S260625049-35	A/SA 789 2205 Duplex										
KM043S260625049-35	A/SA 249 TP 304L (F/B)*										
KM047S260625049-35	A/SA 249 TP 316L (F/B)*										
KM102S260625049-35	A/SA 789 2205 Duplex (F/B)*	Av.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.058	0.625
FM053S260625065-35	A/SA 249 TP 304L										
FM057S260625065-35	A/SA 249 TP 316L										
FM101S260625065-35	A/SA 789 2205 Duplex										
KM053S260625065-35	A/SA 249 TP 304L (F/B)*										
KM057S260625065-35	A/SA 249 TP 316L (F/B)*										
KM101S260625065-35	A/SA 789 2205 Duplex (F/B)*	Min.	26	0.612	0.600	0.625	0.542	0.530	0.555	0.065	0.625
FM043S260625065-35	A/SA 249 TP 304L										
FM047S260625065-35	A/SA 249 TP 316L										
FM102S260625065-35	A/SA 789 2205 Duplex										
KM043S260625065-35	A/SA 249 TP 304L (F/B)*										
KM047S260625065-35	A/SA 249 TP 316L (F/B)*										
KM102S260625065-35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	26 -1 +1
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM053S260750049-35	A/SA 249 TP 304L	Av.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.044	0.750
FM057S260750049-35	A/SA 249 TP 316L										
FM101S260750049-35	A/SA 789 2205 Duplex										
KM053S260750049-35	A/SA 249 TP 304L (F/B)*										
KM057S260750049-35	A/SA 249 TP 316L (F/B)*										
KM101S260750049-35	A/SA 789 2205 Duplex (F/B)*										
FM043S26 0750049 -35	A/SA 249 TP 304L	Min.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.049	0.750
FM047S26 0750049 -35	A/SA 249 TP 316L										
FM102S26 0750049 -35	A/SA 789 2205 Duplex										
KM043S26 0750049 -35	A/SA 249 TP 304L (F/B)*										
KM047S26 0750049 -35	A/SA 249 TP 316L (F/B)*										
KM102S26 0750049 -35	A/SA 789 2205 Duplex (F/B)*										
FM053S260750065-35	A/SA 249 TP 304L	Av.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.058	0.750
FM057S260750065-35	A/SA 249 TP 316L										
FM101S260750065-35	A/SA 789 2205 Duplex										
KM053S260750065-35	A/SA 249 TP 304L (F/B)*										
KM057S260750065-35	A/SA 249 TP 316L (F/B)*										
KM101S260750065-35	A/SA 789 2205 Duplex (F/B)*										
FM043S26 0750065 -35	A/SA 249 TP 304L	Min.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.065	0.750
FM047S26 0750065 -35	A/SA 249 TP 316L										
FM102S26 0750065 -35	A/SA 789 2205 Duplex										
KM043S26 0750065 -35	A/SA 249 TP 304L (F/B)*										
KM047S26 0750065 -35	A/SA 249 TP 316L (F/B)*										
KM102S26 0750065 -35	A/SA 789 2205 Duplex (F/B)*										
FM053S260750083-35	A/SA 249 TP 304L	Av.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.074	0.750
FM057S260750083-35	A/SA 249 TP 316L										
FM101S260750083-35	A/SA 789 2205 Duplex										
KM053S260750083-35	A/SA 249 TP 304L (F/B)*										
KM057S260750083-35	A/SA 249 TP 316L (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

KM101S260750083-35

A/SA 789 2205 Duplex (F/B)*



Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	26	-1 +1
Fin Height	.035 min.	
Fin Thickness	.011 Nominal	

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM043S26 0750083 -35	A/SA 249 TP 304L	Min.	26	0.740	0.725	0.750	0.670	0.655	0.680	0.083	0.750
FM047S26 0750083 -35	A/SA 249 TP 316L										
FM102S26 0750083 -35	A/SA 789 2205 Duplex										
KM043S26 0750083 -35	A/SA 249 TP 304L (F/B)*										
KM047S26 0750083 -35	A/SA 249 TP 316L (F/B)*										
KM102S26 0750083 -35	A/SA 789 2205 Duplex (F/B)*										
FM053S261000049-35	A/SA 249 TP 304L	Av.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.044	1.000
FM057S261000049-35	A/SA 249 TP 316L										
FM101S261000049-35	A/SA 789 2205 Duplex										
KM053S261000049-35	A/SA 249 TP 304L (F/B)*										
KM057S261000049-35	A/SA 249 TP 316L (F/B)*										
KM101S261000049-35	A/SA 789 2205 Duplex (F/B)*										
FM043S26 1000049 -35	A/SA 249 TP 304L	Min.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.049	1.000
FM047S26 1000049 -35	A/SA 249 TP 316L										
FM102S26 1000049 -35	A/SA 789 2205 Duplex										
KM043S26 1000049 -35	A/SA 249 TP 304L (F/B)*										
KM047S26 1000049 -35	A/SA 249 TP 316L (F/B)*										
KM102S26 1000049 -35	A/SA 789 2205 Duplex (F/B)*										
FM053S261000065-35	A/SA 249 TP 304L	Av.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.058	1.000
FM057S261000065-35	A/SA 249 TP 316L										
FM101S261000065-35	A/SA 789 2205 Duplex										
KM053S261000065-35	A/SA 249 TP 304L (F/B)*										
KM057S261000065-35	A/SA 249 TP 316L (F/B)*										
KM101S261000065-35	A/SA 789 2205 Duplex (F/B)*										
FM043S26 1000065 -35	A/SA 249 TP 304L	Min.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.065	1.000
FM047S26 1000065 -35	A/SA 249 TP 316L										
FM102S26 1000065 -35	A/SA 789 2205 Duplex										
KM043S26 1000065 -35	A/SA 249 TP 304L (F/B)*										
KM047S26 1000065 -35	A/SA 249 TP 316L (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

KM102S26 1000065 -35	A/SA 789 2205 Duplex (F/B)*										
Fins Per Inch	26	-1	+1								
Fin Height	.035	min.									
Fin Thickness	.011	Nominal									

		Fin Section Dimensions									
Spec #	Description	Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
FM053S261000083-35	A/SA 249 TP 304L	Av.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.074	1.000
FM057S261000083-35	A/SA 249 TP 316L										
FM101S261000083-35	A/SA 789 2205 Duplex										
KM053S261000083-35	A/SA 249 TP 304L (F/B)*										
KM057S261000083-35	A/SA 249 TP 316L (F/B)*										
KM101S261000083-35	A/SA 789 2205 Duplex (F/B)*	Min.	26	0.985	0.975	1.000	0.915	0.905	0.930	0.083	1.000
FM043S26 1000083 -35	A/SA 249 TP 304L										
FM047S26 1000083 -35	A/SA 249 TP 316L										
FM102S26 1000083 -35	A/SA 789 2205 Duplex										
KM043S26 1000083 -35	A/SA 249 TP 304L (F/B)*										
KM047S26 1000083 -35	A/SA 249 TP 316L (F/B)*										
KM102S26 1000083 -35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	28 -1 +1
Fin Height	.035 min.
Fin Thickness	.011 Nominal

		Fin Section Dimensions									
Spec #	Description	Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM053S280625049-35	A/SA 249 TP 304L	Av.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.044	0.625
FM057S280625049-35	A/SA 249 TP 316L										
FM101S280625049-35	A/SA 789 2205 Duplex										
KM053S280625049-35	A/SA 249 TP 304L (F/B)*										
KM057S280625049-35	A/SA 249 TP 316L (F/B)*										
KM101S280625049-35	A/SA 789 2205 Duplex (F/B)*	Min.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.049	0.625
FM043S280625049-35	A/SA 249 TP 304L										
FM047S280625049-35	A/SA 249 TP 316L										
FM102S280625049-35	A/SA 789 2205 Duplex										
KM043S280625049-35	A/SA 249 TP 304L (F/B)*										
KM047S280625049-35	A/SA 249 TP 316L (F/B)*										
KM102S280625049-35	A/SA 789 2205 Duplex (F/B)*	Av.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.058	0.625
FM053S280625065-35	A/SA 249 TP 304L										
FM057S280625065-35	A/SA 249 TP 316L										
FM101S280625065-35	A/SA 789 2205 Duplex										
KM053S280625065-35	A/SA 249 TP 304L (F/B)*										
KM057S280625065-35	A/SA 249 TP 316L (F/B)*										
KM101S280625065-35	A/SA 789 2205 Duplex (F/B)*	Min.	28	0.612	0.600	0.625	0.542	0.530	0.555	0.065	0.625
FM043S280625065-35	A/SA 249 TP 304L										
FM047S280625065-35	A/SA 249 TP 316L										
FM102S280625065-35	A/SA 789 2205 Duplex										
KM043S280625065-35	A/SA 249 TP 304L (F/B)*										
KM047S280625065-35	A/SA 249 TP 316L (F/B)*										
KM102S280625065-35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	28 -1 +1
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM053S280750049-35	A/SA 249 TP 304L	Av.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.044	0.750
FM057S280750049-35	A/SA 249 TP 316L										
FM101S280750049-35	A/SA 789 2205 Duplex										
KM053S280750049-35	A/SA 249 TP 304L (F/B)*										
KM057S280750049-35	A/SA 249 TP 316L (F/B)*										
FM043S28 0750049 -35	A/SA 249 TP 304L	Min.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.049	0.750
FM047S28 0750049 -35	A/SA 249 TP 316L										
FM102S28 0750049 -35	A/SA 789 2205 Duplex										
KM043S28 0750049 -35	A/SA 249 TP 304L (F/B)*										
KM047S28 0750049 -35	A/SA 249 TP 316L (F/B)*										
KM102S28 0750049 -35	A/SA 789 2205 Duplex (F/B)*										
FM053S280750065-35	A/SA 249 TP 304L	Av.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.058	0.750
FM057S280750065-35	A/SA 249 TP 316L										
FM101S280750065-35	A/SA 789 2205 Duplex										
KM053S280750065-35	A/SA 249 TP 304L (F/B)*										
KM057S280750065-35	A/SA 249 TP 316L (F/B)*										
KM101S280750065-35	A/SA 789 2205 Duplex (F/B)*										
FM043S28 0750065 -35	A/SA 249 TP 304L	Min.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.065	0.750
FM047S28 0750065 -35	A/SA 249 TP 316L										
FM102S28 0750065 -35	A/SA 789 2205 Duplex										
KM043S28 0750065 -35	A/SA 249 TP 304L (F/B)*										
KM047S28 0750065 -35	A/SA 249 TP 316L (F/B)*										
KM102S28 0750065 -35	A/SA 789 2205 Duplex (F/B)*										
FM053S280750083-35	A/SA 249 TP 304L	Av.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.074	0.750
FM057S280750083-35	A/SA 249 TP 316L										
FM101S280750083-35	A/SA 789 2205 Duplex										
KM053S280750083-35	A/SA 249 TP 304L (F/B)*										
KM057S280750083-35	A/SA 249 TP 316L (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	28 -1 +1
Fin Height	.035 min.
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM043S28 0750083 -35	A/SA 249 TP 304L	Min.	28	0.740	0.725	0.750	0.670	0.655	0.680	0.083	0.750
FM047S28 0750083 -35	A/SA 249 TP 316L										
FM102S28 0750083 -35	A/SA 789 2205 Duplex										
KM043S28 0750083 -35	A/SA 249 TP 304L (F/B)*										
KM047S28 0750083 -35	A/SA 249 TP 316L (F/B)*										
KM102S28 0750083 -35	A/SA 789 2205 Duplex (F/B)*										
FM053S281000049-35	A/SA 249 TP 304L	Av.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.044	1.000
FM057S281000049-35	A/SA 249 TP 316L										
FM101S281000049-35	A/SA 789 2205 Duplex										
KM053S281000049-35	A/SA 249 TP 304L (F/B)*										
KM057S281000049-35	A/SA 249 TP 316L (F/B)*										
KM101S281000049-35	A/SA 789 2205 Duplex (F/B)*										
FM043S28 1000049 -35	A/SA 249 TP 304L	Min.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.049	1.000
FM047S28 1000049 -35	A/SA 249 TP 316L										
FM102S28 1000049 -35	A/SA 789 2205 Duplex										
KM043S28 1000049 -35	A/SA 249 TP 304L (F/B)*										
KM047S28 1000049 -35	A/SA 249 TP 316L (F/B)*										
KM102S28 1000049 -35	A/SA 789 2205 Duplex (F/B)*										
FM053S281000065-35	A/SA 249 TP 304L	Av.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.058	1.000
FM057S281000065-35	A/SA 249 TP 316L										
FM101S281000065-35	A/SA 789 2205 Duplex										
KM053S281000065-35	A/SA 249 TP 304L (F/B)*										
KM057S281000065-35	A/SA 249 TP 316L (F/B)*										
KM101S281000065-35	A/SA 789 2205 Duplex (F/B)*										
FM043S28 1000065 -35	A/SA 249 TP 304L	Min.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.065	1.000
FM047S28 1000065 -35	A/SA 249 TP 316L										
FM102S28 1000065 -35	A/SA 789 2205 Duplex										
KM043S28 1000065 -35	A/SA 249 TP 304L (F/B)*										
KM047S28 1000065 -35	A/SA 249 TP 316L (F/B)*										

Stainless Spec's Standard Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

KM102S28 1000065-35	A/SA 789 2205 Duplex (F/B)*										
Fins Per Inch	28	-1	+1								
Fin Height	.035 min.										
Fin Thickness	.011 Nominal										

Fin Section Dimensions											
Spec #	Description	Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM053S281000083-35	A/SA 249 TP 304L	Av.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.074	1.000
FM057S281000083-35	A/SA 249 TP 316L										
FM101S281000083-35	A/SA 789 2205 Duplex										
KM053S281000083-35	A/SA 249 TP 304L (F/B)*										
KM057S281000083-35	A/SA 249 TP 316L (F/B)*										
KM101S281000083-35	A/SA 789 2205 Duplex (F/B)*	Min.	28	0.985	0.975	1.000	0.915	0.905	0.930	0.083	1.000
FM043S28 1000083 -35	A/SA 249 TP 304L										
FM047S28 1000083 -35	A/SA 249 TP 316L										
FM102S28 1000083 -35	A/SA 789 2205 Duplex										
KM043S28 1000083 -35	A/SA 249 TP 304L (F/B)*										
KM047S28 1000083 -35	A/SA 249 TP 316L (F/B)*										
KM102S28 1000083 -35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Close Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +1
Fin Height	.035 Avg. (.032 - .038)
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM053C190625049-35	A/SA 249 TP 304L	Av.	19	0.625	0.621	0.629	0.555	0.545	0.565	0.044	0.625
FM057C190625049-35	A/SA 249 TP 316L										
FM101C190625049-35	A/SA 789 2205 Duplex										
KM053C190625049-35	A/SA 249 TP 304L (F/B)*										
KM057C190625049-35	A/SA 249 TP 316L (F/B)*										
KM101C190625049-35	A/SA 789 2205 Duplex (F/B)*										
FM043C190625049-35	A/SA 249 TP 304L	Min.	19	0.625	0.621	0.629	0.555	0.545	0.565	0.049	0.625
FM047C190625049-35	A/SA 249 TP 316L										
FM102C190625049-35	A/SA 789 2205 Duplex										
KM043C190625049-35	A/SA 249 TP 304L (F/B)*										
KM047C190625049-35	A/SA 249 TP 316L (F/B)*										
KM102C190625049-35	A/SA 789 2205 Duplex (F/B)*										
FM053C190625065-35	A/SA 249 TP 304L	Av.	19	0.625	0.621	0.629	0.555	0.545	0.565	0.058	0.625
FM057C190625065-35	A/SA 249 TP 316L										
FM101C190625065-35	A/SA 789 2205 Duplex										
KM053C190625065-35	A/SA 249 TP 304L (F/B)*										
KM057C190625065-35	A/SA 249 TP 316L (F/B)*										
KM101C190625065-35	A/SA 789 2205 Duplex (F/B)*										
FM043C190625065-35	A/SA 249 TP 304L	Min.	19	0.625	0.621	0.629	0.555	0.545	0.565	0.065	0.625
FM047C190625065-35	A/SA 249 TP 316L										
FM102C190625065-35	A/SA 789 2205 Duplex										
KM043C190625065-35	A/SA 249 TP 304L (F/B)*										
KM047C190625065-35	A/SA 249 TP 316L (F/B)*										
KM102C190625065-35	A/SA 789 2205 Duplex (F/B)*										
FM053C190750049-35	A/SA 249 TP 304L	Av.	19	0.750	0.746	0.754	0.680	0.670	0.690	0.044	0.750
FM057C190750049-35	A/SA 249 TP 316L										
FM101C190750049-35	A/SA 789 2205 Duplex										
KM053C190750049-35	A/SA 249 TP 304L (F/B)*										
KM057C190750049-35	A/SA 249 TP 316L (F/B)*										
KM101C190750049-35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Close Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +1
Fin Height	.035 Avg. (.032 - .038)
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
<i>FM043C19 0750049 -35</i>	A/SA 249 TP 304L	Min.	19	0.750	0.746	0.754	0.680	0.670	0.690	0.049	0.750
<i>FM047C19 0750049 -35</i>	A/SA 249 TP 316L										
<i>FM102C19 0750049 -35</i>	A/SA 789 2205 Duplex										
<i>KM043C19 0750049 -35</i>	A/SA 249 TP 304L (F/B)*										
<i>KM047C19 0750049 -35</i>	A/SA 249 TP 316L (F/B)*										
<i>KM102C19 0750049 -35</i>	A/SA 789 2205 Duplex (F/B)*										
<i>FM053C190750065-35</i>	A/SA 249 TP 304L	Av.	19	0.750	0.746	0.750	0.680	0.670	0.690	0.058	0.750
<i>FM057C190750065-35</i>	A/SA 249 TP 316L										
<i>FM101C190750065-35</i>	A/SA 789 2205 Duplex										
<i>KM053C190750065-35</i>	A/SA 249 TP 304L (F/B)*										
<i>KM057C190750065-35</i>	A/SA 249 TP 316L (F/B)*										
<i>KM101C190750065-35</i>	A/SA 789 2205 Duplex (F/B)*										
<i>FM043C19 0750065 -35</i>	A/SA 249 TP 304L	Min.	19	0.750	0.746	0.754	0.680	0.670	0.690	0.065	0.750
<i>FM047C19 0750065 -35</i>	A/SA 249 TP 316L										
<i>FM102C19 0750065 -35</i>	A/SA 789 2205 Duplex										
<i>KM043C19 0750065 -35</i>	A/SA 249 TP 304L (F/B)*										
<i>KM047C19 0750065 -35</i>	A/SA 249 TP 316L (F/B)*										
<i>KM102C19 0750065 -35</i>	A/SA 789 2205 Duplex (F/B)*										
<i>FM053C190750083-35</i>	A/SA 249 TP 304L	Av.	19	0.750	0.746	0.754	0.680	0.670	0.690	0.074	0.750
<i>FM057C190750083-35</i>	A/SA 249 TP 316L										
<i>FM101C190750083-35</i>	A/SA 789 2205 Duplex										
<i>KM053C190750083-35</i>	A/SA 249 TP 304L (F/B)*										
<i>KM057C190750083-35</i>	A/SA 249 TP 316L (F/B)*										
<i>KM101C190750083-35</i>	A/SA 789 2205 Duplex (F/B)*										
<i>FM043C19 0750083 -35</i>	A/SA 249 TP 304L	Min.	19	0.750	0.746	0.754	0.680	0.670	0.690	0.083	0.750
<i>FM047C19 0750083 -35</i>	A/SA 249 TP 316L										
<i>FM102C19 0750083 -35</i>	A/SA 789 2205 Duplex										
<i>KM043C19 0750083 -35</i>	A/SA 249 TP 304L (F/B)*										
<i>KM047C19 0750083 -35</i>	A/SA 249 TP 316L (F/B)*										
<i>KM102C19 0750083 -35</i>	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Close Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	19 -1 +1
Fin Height	.035 Avg. (.032 - .038)
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM053C191000049-35	A/SA 249 TP 304L	Av.	19	1.000	0.996	1.004	0.930	0.920	0.940	0.044	1.000
FM057C191000049-35	A/SA 249 TP 316L										
FM101C191000049-35	A/SA 789 2205 Duplex										
KM053C191000049-35	A/SA 249 TP 304L (F/B)*										
KM057C191000049-35	A/SA 249 TP 316L (F/B)*										
KM101C191000049-35	A/SA 789 2205 Duplex (F/B)*										
FM043C19 1000049 -35	A/SA 249 TP 304L	Min.	19	1.000	0.996	1.004	0.930	0.920	0.940	0.049	1.000
FM047C19 1000049 -35	A/SA 249 TP 316L										
FM102C19 1000049 -35	A/SA 789 2205 Duplex										
KM043C19 1000049 -35	A/SA 249 TP 304L (F/B)*										
KM047C19 1000049 -35	A/SA 249 TP 316L (F/B)*										
KM102C19 1000049 -35	A/SA 789 2205 Duplex (F/B)*										
FM053C191000065-35	A/SA 249 TP 304L	Av.	19	1.000	0.996	1.004	0.930	0.920	0.940	0.058	1.000
FM057C191000065-35	A/SA 249 TP 316L										
FM101C191000065-35	A/SA 789 2205 Duplex										
KM053C191000065-35	A/SA 249 TP 304L (F/B)*										
KM057C191000065-35	A/SA 249 TP 316L (F/B)*										
KM101C191000065-35	A/SA 789 2205 Duplex (F/B)*										
FM043C19 1000065 -35	A/SA 249 TP 304L	Min.	19	1.000	0.996	1.004	0.930	0.920	0.940	0.065	1.000
FM047C19 1000065 -35	A/SA 249 TP 316L										
FM102C19 1000065 -35	A/SA 789 2205 Duplex										
KM043C19 1000065 -35	A/SA 249 TP 304L (F/B)*										
KM047C19 1000065 -35	A/SA 249 TP 316L (F/B)*										
KM102C19 1000065 -35	A/SA 789 2205 Duplex (F/B)*										
FM053C191000083-35	A/SA 249 TP 304L	Av.	19	1.000	0.996	1.004	0.930	0.920	0.940	0.074	1.000
FM057C191000083-35	A/SA 249 TP 316L										
FM101C191000083-35	A/SA 789 2205 Duplex										
KM053C191000083-35	A/SA 249 TP 304L (F/B)*										
KM057C191000083-35	A/SA 249 TP 316L (F/B)*										
KM101C191000083-35	A/SA 789 2205 Duplex (F/B)*										
FM043C19 1000083 -35	A/SA 249 TP 304L	Min.	19	1.000	0.996	1.004	0.930	0.920	0.940	0.083	1.000
FM047C19 1000083 -35	A/SA 249 TP 316L										
FM102C19 1000083 -35	A/SA 789 2205 Duplex										
KM043C19 1000083 -35	A/SA 249 TP 304L (F/B)*										
KM047C19 1000083 -35	A/SA 249 TP 316L (F/B)*										
KM102C19 1000083 -35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Close Tolerance .035" Fin Height

Reference Data Only. Not for Design Purposes.

*F/B = Fin / Bend

Fins Per Inch	26 -1 +1
Fin Height	.035 Avg. (.032 - .038)
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max		Min.	Max.		
FM053C260625049-35	A/SA 249 TP 304L	Av.	26	0.625	0.621	0.629	0.555	0.545	0.565	0.044	0.625
FM057C260625049-35	A/SA 249 TP 316L										
FM101C260625049-35	A/SA 789 2205 Duplex										
KM053C260625049-35	A/SA 249 TP 304L (F/B)*										
KM057C260625049-35	A/SA 249 TP 316L (F/B)*										
KM101C260625049-35	A/SA 789 2205 Duplex (F/B)*										
FM043C260625049-35	A/SA 249 TP 304L	Min.	26	0.625	0.621	0.629	0.555	0.545	0.565	0.049	0.625
FM047C260625049-35	A/SA 249 TP 316L										
FM102C260625049-35	A/SA 789 2205 Duplex										
KM043C260625049-35	A/SA 249 TP 304L (F/B)*										
KM047C260625049-35	A/SA 249 TP 316L (F/B)*										
KM102C260625049-35	A/SA 789 2205 Duplex (F/B)*										
FM053C260625065-35	A/SA 249 TP 304L	Av.	26	0.625	0.621	0.629	0.555	0.545	0.565	0.058	0.625
FM057C260625065-35	A/SA 249 TP 316L										
FM101C260625065-35	A/SA 789 2205 Duplex										
KM053C260625065-35	A/SA 249 TP 304L (F/B)*										
KM057C260625065-35	A/SA 249 TP 316L (F/B)*										
KM101C260625065-35	A/SA 789 2205 Duplex (F/B)*										
FM043C260625065-35	A/SA 249 TP 304L	Min.	26	0.625	0.621	0.629	0.555	0.545	0.565	0.065	0.625
FM047C260625065-35	A/SA 249 TP 316L										
FM102C260625065-35	A/SA 789 2205 Duplex										
KM043C260625065-35	A/SA 249 TP 304L (F/B)*										
KM047C260625065-35	A/SA 249 TP 316L (F/B)*										
KM102C260625065-35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Close Tolerance .035" Fin Height

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*F/B = Fin / Bend

Fins Per Inch	26 -1 +1
Fin Height	.035 Avg. (.032 - .038)
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM053C260750049-35	A/SA 249 TP 304L	Av.	26	0.750	0.746	0.754	0.68	0.670	0.690	0.044	0.750
FM057C260750049-35	A/SA 249 TP 316L										
FM101C260750049-35	A/SA 789 2205 Duplex										
KM053C260750049-35	A/SA 249 TP 304L (F/B)*										
KM057C260750049-35	A/SA 249 TP 316L (F/B)*										
KM101C260750049-35	A/SA 789 2205 Duplex (F/B)*										
FM043C26 0750049 -35	A/SA 249 TP 304L	Min.	26	0.750	0.746	0.754	0.680	0.670	0.690	0.049	0.750
FM047C26 0750049 -35	A/SA 249 TP 316L										
FM102C26 0750049 -35	A/SA 789 2205 Duplex										
KM043C26 0750049 -35	A/SA 249 TP 304L (F/B)*										
KM047C26 0750049 -35	A/SA 249 TP 316L (F/B)*										
KM102C26 0750049 -35	A/SA 789 2205 Duplex (F/B)*										
FM053C260750065-35	A/SA 249 TP 304L	Av.	26	0.750	0.746	0.754	0.680	0.670	0.690	0.058	0.750
FM057C260750065-35	A/SA 249 TP 316L										
FM101C260750065-35	A/SA 789 2205 Duplex										
KM053C260750065-35	A/SA 249 TP 304L (F/B)*										
KM057C260750065-35	A/SA 249 TP 316L (F/B)*										
KM101C260750065-35	A/SA 789 2205 Duplex (F/B)*										
FM043C26 0750065 -35	A/SA 249 TP 304L	Min.	26	0.750	0.746	0.754	0.680	0.670	0.690	0.065	0.750
FM047C26 0750065 -35	A/SA 249 TP 316L										
FM102C26 0750065 -35	A/SA 789 2205 Duplex										
KM043C26 0750065 -35	A/SA 249 TP 304L (F/B)*										
KM047C26 0750065 -35	A/SA 249 TP 316L (F/B)*										
KM102C26 0750065 -35	A/SA 789 2205 Duplex (F/B)*										
FM053C260750083-35	A/SA 249 TP 304L	Av.	26	0.750	0.746	0.754	0.680	0.670	0.690	0.074	0.750
FM057C260750083-35	A/SA 249 TP 316L										
FM101C260750083-35	A/SA 789 2205 Duplex										
KM053C260750083-35	A/SA 249 TP 304L (F/B)*										
KM057C260750083-35	A/SA 249 TP 316L (F/B)*										
KM101C260750083-35	A/SA 789 2205 Duplex (F/B)*										
FM043C26 0750083 -35	A/SA 249 TP 304L	Min.	26	0.750	0.746	0.754	0.680	0.670	0.690	0.083	0.750
FM047C26 0750083 -35	A/SA 249 TP 316L										
FM102C26 0750083 -35	A/SA 789 2205 Duplex										
KM043C26 0750083 -35	A/SA 249 TP 304L (F/B)*										
KM047C26 0750083 -35	A/SA 249 TP 316L (F/B)*										
KM102C26 0750083 -35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Close Tolerance .035" Fin Height

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*F/B = Fin / Bend

Fins Per Inch	26 -1 +1
Fin Height	.035 Avg. (.032 - .038)
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM053C261000049-35	A/SA 249 TP 304L	Av.	26	1.000	0.996	1.004	0.930	0.920	0.940	0.044	1.000
FM057C261000049-35	A/SA 249 TP 316L										
FM101C261000049-35	A/SA 789 2205 Duplex										
KM053C261000049-35	A/SA 249 TP 304L (F/B)*										
KM057C261000049-35	A/SA 249 TP 316L (F/B)*										
KM101C261000049-35	A/SA 789 2205 Duplex (F/B)*										
FM043C26 1000049 -35	A/SA 249 TP 304L	Min.	26	1.000	0.996	1.004	0.930	0.920	0.940	0.049	1.000
FM047C26 1000049 -35	A/SA 249 TP 316L										
FM102C26 1000049 -35	A/SA 789 2205 Duplex										
KM043C26 1000049 -35	A/SA 249 TP 304L (F/B)*										
KM047C26 1000049 -35	A/SA 249 TP 316L (F/B)*										
KM102C26 1000049 -35	A/SA 789 2205 Duplex (F/B)*										
FM053C261000065-35	A/SA 249 TP 304L	Av.	26	1.000	0.996	1.004	0.930	0.920	0.940	0.058	1.000
FM057C261000065-35	A/SA 249 TP 316L										
FM101C261000065-35	A/SA 789 2205 Duplex										
KM053C261000065-35	A/SA 249 TP 304L (F/B)*										
KM057C261000065-35	A/SA 249 TP 316L (F/B)*										
KM101C261000065-35	A/SA 789 2205 Duplex (F/B)*										
FM043C26 1000065 -35	A/SA 249 TP 304L	Min.	26	1.000	0.996	1.004	0.930	0.920	0.940	0.065	1.000
FM047C26 1000065 -35	A/SA 249 TP 316L										
FM102C26 1000065 -35	A/SA 789 2205 Duplex										
KM043C26 1000065 -35	A/SA 249 TP 304L (F/B)*										
KM047C26 1000065 -35	A/SA 249 TP 316L (F/B)*										
KM102C26 1000065 -35	A/SA 789 2205 Duplex (F/B)*										
FM053C261000083-35	A/SA 249 TP 304L	Av.	26	1.000	0.996	1.004	0.930	0.920	0.940	0.074	1.000
FM057C261000083-35	A/SA 249 TP 316L										
FM101C261000083-35	A/SA 789 2205 Duplex										
KM053C261000083-35	A/SA 249 TP 304L (F/B)*										
KM057C261000083-35	A/SA 249 TP 316L (F/B)*										
KM101C261000083-35	A/SA 789 2205 Duplex (F/B)*										
FM043C26 1000083 -35	A/SA 249 TP 304L	Min.	26	1.000	0.996	1.004	0.930	0.920	0.940	0.083	1.000
FM047C26 1000083 -35	A/SA 249 TP 316L										
FM102C26 1000083 -35	A/SA 789 2205 Duplex										
KM043C26 1000083 -35	A/SA 249 TP 304L (F/B)*										
KM047C26 1000083 -35	A/SA 249 TP 316L (F/B)*										
KM102C26 1000083 -35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Close Tolerance .035" Fin Height

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*F/B = Fin / Bend

Fins Per Inch	28 -1 +1
Fin Height	.035 Avg. (.032 - .038)
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max.		Min.	Max.		
FM053C280625049-35	A/SA 249 TP 304L	Av.	28	0.625	0.621	0.629	0.555	0.545	0.565	0.044	0.625
FM057C280625049-35	A/SA 249 TP 316L										
FM101C280625049-35	A/SA 789 2205 Duplex										
KM053C280625049-35	A/SA 249 TP 304L (F/B)*										
KM057C280625049-35	A/SA 249 TP 316L (F/B)*										
KM101C280625049-35	A/SA 789 2205 Duplex (F/B)*	Min.	28	0.625	0.621	0.629	0.555	0.545	0.565	0.049	0.625
FM043C280625049-35	A/SA 249 TP 304L										
FM047C280625049-35	A/SA 249 TP 316L										
FM102C280625049-35	A/SA 789 2205 Duplex										
KM043C280625049-35	A/SA 249 TP 304L (F/B)*										
KM047C280625049-35	A/SA 249 TP 316L (F/B)*	Av.	28	0.625	0.621	0.629	0.555	0.545	0.565	0.058	0.625
FM053C280625065-35	A/SA 249 TP 304L										
FM057C280625065-35	A/SA 249 TP 316L										
FM101C280625065-35	A/SA 789 2205 Duplex										
KM053C280625065-35	A/SA 249 TP 304L (F/B)*										
KM057C280625065-35	A/SA 249 TP 316L (F/B)*	Min.	28	0.625	0.621	0.629	0.555	0.545	0.565	0.065	0.625
KM101C280625065-35	A/SA 789 2205 Duplex (F/B)*										
FM043C280625065-35	A/SA 249 TP 304L										
FM047C280625065-35	A/SA 249 TP 316L										
FM102C280625065-35	A/SA 789 2205 Duplex										
KM043C280625065-35	A/SA 249 TP 304L (F/B)*										
KM047C280625065-35	A/SA 249 TP 316L (F/B)*										
KM102C280625065-35	A/SA 789 2205 Duplex (F/B)*										

Stainless Spec's Close Tolerance .035" Fin Height

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Fin Height	.035 Avg. (.032 - .038)
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max		Min.	Max.		
FM053C280750049-35	A/SA 249 TP 304L	Av.	28	0.750	0.746	0.754	0.680	0.670	0.690	0.044	0.750
FM057C280750049-35	A/SA 249 TP 316L										
FM101C280750049-35	A/SA 789 2205 Duplex										
KM053C280750049-35	A/SA 249 TP 304L (F/B)*										
KM057C280750049-35	A/SA 249 TP 316L (F/B)*										
KM101C280750049-35	A/SA 789 2205 Duplex (F/B)*	Min.	28	0.750	0.746	0.754	0.680	0.670	0.690	0.049	0.750
FM043C28 0750049 -35	A/SA 249 TP 304L										
FM047C28 0750049 -35	A/SA 249 TP 316L										
FM102C28 0750049 -35	A/SA 789 2205 Duplex										
KM043C28 0750049 -35	A/SA 249 TP 304L (F/B)*										
KM047C28 0750049 -35	A/SA 249 TP 316L (F/B)*	Av.	28	0.750	0.746	0.75	0.680	0.670	0.690	0.058	0.750
KM102C28 0750049 -35	A/SA 789 2205 Duplex (F/B)*										
FM053C280750065-35	A/SA 249 TP 304L										
FM057C280750065-35	A/SA 249 TP 316L										
FM101C280750065-35	A/SA 789 2205 Duplex										
KM053C280750065-35	A/SA 249 TP 304L (F/B)*	Min.	28	0.750	0.746	0.754	0.680	0.670	0.690	0.065	0.750
KM057C280750065-35	A/SA 249 TP 316L (F/B)*										
KM101C280750065-35	A/SA 789 2205 Duplex (F/B)*										
FM043C28 0750065 -35	A/SA 249 TP 304L										
FM047C28 0750065 -35	A/SA 249 TP 316L										
FM102C28 0750065 -35	A/SA 789 2205 Duplex	Av.	28	0.750	0.746	0.754	0.680	0.670	0.690	0.074	0.750
KM043C28 0750065 -35	A/SA 249 TP 304L (F/B)*										
KM047C28 0750065 -35	A/SA 249 TP 316L (F/B)*										
KM102C28 0750065 -35	A/SA 789 2205 Duplex (F/B)*										
FM053C280750083-35	A/SA 249 TP 304L										
FM057C280750083-35	A/SA 249 TP 316L	Min.	28	0.750	0.746	0.754	0.680	0.676	0.684	0.083	0.750
FM101C280750083-35	A/SA 789 2205 Duplex										
KM053C280750083-35	A/SA 249 TP 304L (F/B)*										
KM057C280750083-35	A/SA 249 TP 316L (F/B)*										
KM101C280750083-35	A/SA 789 2205 Duplex (F/B)*										
FM043C28 0750083 -35	A/SA 249 TP 304L	Av.	28	0.750	0.746	0.754	0.680	0.670	0.690	0.074	0.750
FM047C28 0750083 -35	A/SA 249 TP 316L										
FM102C28 0750083 -35	A/SA 789 2205 Duplex										
KM043C28 0750083 -35	A/SA 249 TP 304L (F/B)*										
KM047C28 0750083 -35	A/SA 249 TP 316L (F/B)*										

Stainless Spec's Close Tolerance .035" Fin Height

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Fins Per Inch	28 -1 +1
Fin Height	.035 Avg. (.032 - .038)
Fin Thickness	.011 Nominal

Spec #	Description	Fin Section Dimensions									
		Wall Under Fin	FPI	Nominal Fin Od.	Fin Od. Tolerance.		Nominal Root Diameter	Root Diameter		Minimum Wall	Plain Section Od.
					Min.	Max		Min.	Max.		
FM053C281000049-35	A/SA 249 TP 304L	Av.	28	1.000	0.996	1.004	0.930	0.920	0.940	0.044	1.000
FM057C281000049-35	A/SA 249 TP 316L										
FM101C281000049-35	A/SA 789 2205 Duplex										
KM053C281000049-35	A/SA 249 TP 304L (F/B)*										
KM057C281000049-35	A/SA 249 TP 316L (F/B)*										
KM101C281000049-35	A/SA 789 2205 Duplex (F/B)*	Min.	28	1.000	0.996	1.004	0.930	0.920	0.940	0.049	1.000
FM043C28 1000049 -35	A/SA 249 TP 304L										
FM047C28 1000049 -35	A/SA 249 TP 316L										
FM102C28 1000049 -35	A/SA 789 2205 Duplex										
KM043C28 1000049 -35	A/SA 249 TP 304L (F/B)*										
KM047C28 1000049 -35	A/SA 249 TP 316L (F/B)*	Av.	28	1.000	0.996	1.004	0.930	0.920	0.940	0.058	1.000
KM102C28 1000049 -35	A/SA 789 2205 Duplex (F/B)*										
FM053C281000065-35	A/SA 249 TP 304L										
FM057C281000065-35	A/SA 249 TP 316L										
FM101C281000065-35	A/SA 789 2205 Duplex										
KM053C281000065-35	A/SA 249 TP 304L (F/B)*	Min.	28	1.000	0.996	1.004	0.930	0.920	0.940	0.065	1.000
KM057C281000065-35	A/SA 249 TP 316L (F/B)*										
KM101C281000065-35	A/SA 789 2205 Duplex (F/B)*										
FM043C28 1000065 -35	A/SA 249 TP 304L										
FM047C28 1000065 -35	A/SA 249 TP 316L										
FM102C28 1000065 -35	A/SA 789 2205 Duplex	Av.	28	1.000	0.996	1.004	0.930	0.920	0.940	0.074	1.000
KM043C28 1000065 -35	A/SA 249 TP 304L (F/B)*										
KM047C28 1000065 -35	A/SA 249 TP 316L (F/B)*										
KM102C28 1000065 -35	A/SA 789 2205 Duplex (F/B)*										
FM053C281000083-35	A/SA 249 TP 304L										
FM057C281000083-35	A/SA 249 TP 316L	Min.	28	1.000	0.996	1.004	0.930	0.920	0.940	0.083	1.000
FM101C281000083-35	A/SA 789 2205 Duplex										
KM053C281000083-35	A/SA 249 TP 304L (F/B)*										
KM057C281000083-35	A/SA 249 TP 316L (F/B)*										
KM101C281000083-35	A/SA 789 2205 Duplex (F/B)*										
FM043C28 1000083 -35	A/SA 249 TP 304L	Min.	28	1.000	0.996	1.004	0.930	0.920	0.940	0.083	1.000
FM047C28 1000083 -35	A/SA 249 TP 316L										
FM102C28 1000083 -35	A/SA 789 2205 Duplex										
KM043C28 1000083 -35	A/SA 249 TP 304L (F/B)*										
KM047C28 1000083 -35	A/SA 249 TP 316L (F/B)*										

