

Dimensions - Masses - Tolerances

F Size in mm	Cross Sectional Area in mm ² : Nominal	Permissible Deviation	Weight per meter in Kg/m		
			MIN	Nominal	MAX
10	78.5	-5%	0.586	0.617	0.647
12	113.1	-5%	0.843	0.888	0.932
14	153.9	-5%	1.148	1.208	1.269
16	201.1	-5%	1.499	1.578	1.657
18	254.5	-5%	1.898	1.998	2.097
20	314.2	-5%	2.343	2.466	2.589
25	490.9	-4%	3.699	3.853	4.007
32	804.2	-4%	6.061	6.313	6.566

Physical Characteristics

F Size in mm	Bending Test Mandrel Diameter		
	10	32 mm	
12	50 mm		
14	65 mm		
16	80 mm		
18	90 mm		
20	100 mm		
25	160 mm		
32	200 mm		
Yield Strength		Tensile Strength	% Elongation Min.
Min 500 N/mm ² (Mpa)		Min 550 N/mm ² (Mpa)	14% over a Gauge Length = 5D mm

Deformation

F Size in mm	Crescent Rib				Longitudinal Rib				Spacing	
	Height in mm		Width in mm		Height in mm		Width in mm		Between Ribs in mm	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
10	0.65	0.80	0.93	1.20	0.50	1.40	0.80	2.00	5.00	7.90
12	0.78	1.08	1.11	1.44	0.60	1.68	0.96	2.40	6.00	8.40
14	0.91	1.26	1.30	1.68	0.70	1.96	1.12	2.80	7.00	9.80
16	1.04	1.44	1.49	1.92	0.80	2.24	1.28	3.20	8.00	11.20
18	1.17	1.62	1.67	2.16	0.90	2.52	1.44	3.60	9.00	12.60
20	1.30	2.00	1.86	2.40	1.00	2.80	1.60	4.00	10.00	13.60
25	1.63	2.50	2.32	3.00	1.25	3.50	2.00	5.00	12.50	17.60
32	2.08	3.20	2.97	3.84	1.60	4.48	2.56	6.40	16.00	22.40