

ELLEGAAARD.



VOLTA
'V' & Round Profiles

FOOD

V & Round profiles

Round	RTB		RFC		RL		RLC		RLB		RLW		RO		ROS		RPZ		RPZS		RPD-AS**		RPN		RPS						
	Hardness		72A		76A		80A		80A		80A		80A		83A		83A		86A		86A		88A		88A		88A				
	Temp. Range		-40° C to +40° C		-40° C to +50° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-20° C to +50° C		-20° C to +50° C		-30° C to +60° C		-30° C to +80° C		-30° C to +80° C				
	CoF (Steel)		0.85		0.65		0.55		0.55		0.55		0.55		0.55		0.50		0.50		0.50		0.40		0.38		0.40				
	Certifications		Yes		No		Yes		Yes		Yes		Yes		Yes		Yes		No		No		No		No		No		No		
Inch	Diameter		MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	
5/64	2						15	0.06	15	0.06					15	0.06							20	0.13	19	0.13					
1/8	3						20	0.14	20	0.14	20	0.14			20	0.14							30	0.31	29	0.31					
5/32	4		20	0.23	20	0.20	30	0.25	30	0.25	30	0.25			30	0.25							40	0.54	38	0.54					
3/16	5		25	0.35	25	0.30	35	0.40	35	0.40	35	0.40			34	0.40			45	0.80			50	0.85	48	0.85	50	11			
15/64	6				30	0.40			38	0.55									54	1.16			60	1.22	57	1.22	60	16			
1/4	6.30		30	0.50			40	0.60	40	0.60	40	0.60			38	0.68	42	4.50													
9/32	7																									67	1.67	70	18		
5/16	8		40	0.95	40	0.75	55	1	55	1	55	1			48	1.06	54	5	72	2.05			80	2.18	76	2.18	80	19			
9/32	9																								86	2.75	90	21			
3/8	9.50		45	1.13			65	1.40	65	1.40	65	1.40			57	1.54	64	9.50													
23/64	10								70	1.55									89	3.20	95	19.50			95	3.40	100	22			
15/32	12																		108	4.56	112	23			114	4.90	120	26			
1/2	12.50		65	1.50			85	2.50	85	2.50	85	2.50	90	18	75	2.72	86	11.40													
9/16	14														84	3.43	95	12.30													
19/32	15						100	3.50	100	3.50	100	3.50							135	7.25	140	24			143	7.65	150	27			
5/8	16														95	4.25	108	13.60													
23/32	18						120	5.10	120	5.10			125	27											171	11	180	37			
3/4	19														115	6.11	127	15													
25/32	20																								190	13.6					
1	25														150	10.60										190	13.6				
V-Profiles			VFC		VL		VLC		VLB		VLW		VO		VO - GT**		VOS**		VPZ		VPZS		VPY ***								
	Hardness		76A		80A		80A		80A		80A		83A		83A		83A		86A/35D		86A/35D		86A/35D		86A/35D		86A/35D				
	Temp. Range		-40° C to +50° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-20° C to +50° C		-20° C to +50° C		-20° C to +50° C		-20° C to +50° C		-20° C to +50° C				
	CoF (Steel)		0.65		0.55		0.55		0.55		0.55		0.55		0.55		0.55		0.40		0.40		0.40		0.40		0.40				
	Certifications		No		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		No		No		No		No		No		
Inch	Size (mm)		MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	
Size	Width	Height	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	
Y	6	4	20	0.28	25	0.30													25	3.10											
M	8	5.20	25	0.49	40	0.70			40	0.70																					
3L	9.50	5.50	30	0.64											45	0.90			40	5											
Z	10	6.50			45	1	45	1	45	1																					
A	13	8	40	1.23	50	1.60	50	1.60	50	1.60	50	12	50	1.60					53	12	72	3.30	88	26	72	3.30					
B	17	11.50			75	2.90	75	2.90	75	2.90	75	18	75	2.90	75	2.90	72	17	103	6.10	112	39	103	6.10							
-	20	12.50			85	3.90																									
C	22	14.50			100	4.80	100	4.80	100	4.80	100	22	100	4.60	100	4.60	100	22	130	10	142	44	130	10							
-	25	16.50			110	6.30																									
D	32	21.50			145	10.40							145*	24	145	10.40															
E	40	27			180	16.30																									
Ridge-Top			VL-RT		VLC-RT		VLW-RT		VMP-RT		VPZ-RT		VPZS-RT		VPYS-RT		VPN-RT		VPNS-RT		VPF-RT		VPFS-RT		VM-RT						
	Hardness		80A		80A		80A		86A/35D		86A/35D		86A/35D		86A/35D		88A/37D		88A/37D		88A/37D		88A/37D		88A/37D		88A/37D				
	Temp. Range		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-30° C to +60° C		-20° C to +50° C		-20° C to +50° C		-20° C to +50° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C				
	CoF (Steel)		0.55		0.55		0.55		0.38		0.40		0.40		0.40		0.38		0.38		0.38		0.38		0.38		0.45				
	Certifications		Yes		Yes		Yes		No		No		No		No		No		No		No		No		No		Yes				
Inch	Size (mm)		MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	
Size	Width	Height	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	
A	13	16	110	2.70	110	2.70	110	16	150	5.60	145	5.30	152	21.60	152	21.60	150	5.60	160	24	150	5.60	160	24	160	11					
B	17	19.50	130	4.30	130	4.30	130	19	185	9.30	175	8.80	195	41.40	195	41.40	185	9.30	205	46	185	9.30	205	46	195	17.80					
C	22	24.50	190*	7.90	190*	7.90	165	38	235	14.30	220	13.60	245	47	245	47	235	14.30	258	52	235	14.30	250	52	285*	32.50					

RPB		RPBS		RM		RMS		RMDS***		RW		RMW		RMWN		RH		RHN		RCW*		 O.D. I.D.	RFC - HL		RO - HL		RPN - HL		
88A		88A		90A		90A		95A		95A		95A		95A		100A		100A		63D			76A		83A		88A/37D		
-30° C to +80° C		-30° C to +80° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-20° C to +75° C		-20° C to +75° C		-20° C to +75° C			-40° C to +50° C		-40° C to +55° C		-30° C to +80° C		
0.38	0.40	0.45		0.45		0.36		0.36		0.36		0.36		0.28		0.28		0.27		0.27			0.65		0.55		0.50		
Yes		Yes		Yes		Yes		No		Yes		Yes		Yes		Yes		Yes		Yes		No		Yes		No			
MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	Size (mm)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	
				20	0.26											40	0.60					O.D.	I.D.						
29	0.31			30	0.60											60	1.40					4.80	1.80	35	0.29	43	0.37	45	0.68
38	0.54			40	1	40	1									80	2.50					6.30	2.40	45	0.49	55	0.63	60	1.15
48	0.85			50	1.60					50	1.25					100	3.90					8	3.20	55	0.78	65	1.01	75	1.83
57	1.22	60	16							60	2.00											9.50	4	65	1.10	75	1.41	85	2.52
				60	2.60	60	2.60															12.50	5.30	85	1.88	100	2.42	115	4.35
												75	10	75	10	125	6.20			100	13	15*	5.30	100	2.88	120	3.71	150	6.68
76	2.18	80	19	80	4.20	80	4.20			95	5.25	95	17			160	10					18*	7.80	120	3.83	145	4.95	180	8.95
																						20*	7.80	140	4.90	170	6.34	200	11.45
																						Hollow Connector				Diameter (mm)			
				95	5.90					110	7.37	110	18			190	14	190	14	150	20					4.80			
95	3.40	100	22					130*	55												6.30								
114	4.90	120	26																		8								
				125	10.10			150	60			150	28			250	16	250	16	200	21					9.50			
																					12.50								
																					15								
143	7.65	150	27	150	14.60	150	14.60					175	30			300	23	300	23			18							
																		320	26			20							
				180	21							210	32			360	34	360	34										
				200	25.90																								

Notes: Connectors - Available for all Hollow Round Profiles
*RFC-HL & RO-HL - 15/18/20 Not standard

APC-HL & KO-HL*15/18/20 Not standard																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
VPYS				VPN				VPNS				VPF				VPFS				VMF				VM				VMS				VMW**				VMW-NK****				VH				VHB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
86A/35D				88A/37D				88A/37D				88A/37D				88A/37D				88A/37D				90A/40D				90A/40D				90A/40D				95A/46D				95A/46D				100A/55D				100A/55D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
-20° C to +50° C				-30° C to +60° C				-30° C to +60° C				-30° C to +60° C				-30° C to +60° C				-30° C to +60° C				-30° C to +60° C				-30° C to +60° C				-30° C to +60° C				-30° C to +60° C				-30° C to +60° C				-20° C to +75° C				-20° C to +75° C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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MPD (mm)		PF kg (1%)		MPD (mm)		PF kg (1%)		MPD (mm)		PF kg (1%)		MPD (mm)		PF kg (1%)		MPD (mm)		PF kg (1%)		MPD (mm)		PF kg (1%)		MPD (mm)		PF kg (1%)		MPD (mm)		PF kg (1%)		MPD (mm)		PF kg (1%)		MPD (mm)		PF kg (1%)		MPD (mm)		PF kg (1%)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

ELLEGAARD.

Guides									
Products	CL/CLB/CLC	VL/VLB/VLC	CM	VM	CW/CWB	VW/VWB	CSB/CSC	VS	VSC
Shore Hardness	80A	80A	90A	90A	40D	40D	65A	65A	65A
Color	Brown/ Blue/Clear	Brown/ Blue/Clear	Red	Red	White/Blue	White/Blue	Blue/Clear	Blue/Clear	Blue/Clear
Cogged	Yes	No	Yes	No	Yes	No	Yes	No	No
Certifications	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Add To Minimum Pulley Diameter									
Size (mm)									
Width	Height								
6	4	NR	25	NR	NR	NR	NR	NR	15
8	5.20	30	40	NR	60	NR	NR	NR	25
10	6	35	45	50	65	55	70	22	30
13	8	40	50	60	85	60	80	28	35
17	11.50	60	75	85	115	85	110	40	50
20	12.50	NR	85	NR	125	NR	NR	NR	NR
22	14.50	75	100	110	145	110	150	NR	65

Note: Special guides: CFC, CFB, CLSC, VLSB-LT for low temperature (LT) belts; VLB-MD for metal detectable (MD) belts.

Special Profiles										
Products		SPN - 1000	SPY - 1000	SPF-MP	SM - 1400	TO - 9.5	TO 1/2	TO 9/16	SO 3/4	UO - 9.5
Illustration										
Hardness		88A	86A	88A	90A	83A	83A	83A	83A	83A
Size (mm)	Top Width	15.70	15.60	15.70	30	9.50	12.70	14.30	19.20	9.50
	Height	13.60	14.50	13.60	12	3.80	5.50	6.50	5.50	8
	Bottom Width					3.10	8.35	9.50	8	7
MPD (mm)		NR	NR	NR	125	30	38	70	35	50
Certifications		No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Products		SH - 1200	TEMB - 25	SLW 3/4	TLB - 10	TLB - 15	TLW - 30	SLC - 2300	SLC - 2104	TTB - 15
Illustration										
Hardness		100A	95A	80A	80A	80A	80A	80A	80A	72A
Size (mm)	Top Width	17	25	19.30	10	15	30	30	11.70	15
	Height	11.50	2.2	5.50	3.80	5	17	17	11.70	5
	Bottom Width		4	8	3.10	6.50	22	22	10.30	6.50
MPD (mm)		230	60	40	25	30	125	100*	78	27
Certifications		No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Products		Illustration		Hardness	Size (W x H)				Minimum Pulley Diameter	Cert.
					Width		Height			
SH - 1300				100A/55D	16		1.70		50	No
SH - 1301					18		1.70		50	
SH - 1302					20		1.70		50	
SH - 1305					25		1.70		50	
SH - 1306					14		1.70		50	
SH - 1310					16		2		60	
SH - 1311					18		2		60	
SH - 1312					20		2		60	
SH - 1313					8		2		60	
SH - 1314					8		3		80	
SH - 1320					10		4		95	
SH - 1325					17		1.50		45	

Notes: *TLW/30 - Cogged.