



Bearing Interchange Chart

V-Rail vs Bishop Wisecarver DualVee



		Size 1			Size 2		
Item	Material	PBC Linear	Bishop Wisecarver DualVee		PBC Linear	Bishop Wisecarver DualVee	
Wheels	52100 steel w/shields	VW1	W1		VW2	W2	
	52100 steel w/seals	VWS1	W1X		VWS2	W2X	
	440 stainless w/seals	VWSS1	W1SSX		VWSS2	W2SSX	
Item	Type	Mat'l: 303 sst	Mat'l: 303 sst	Electroless nickel plated carbon steel	Mat'l: 303 sst	Mat'l: 303 sst	Electroless nickel plated carbon steel
Bushings Inch	Concentric (fixed)	VB1	B1SS	B1	VB2	B2SS	B2
	Eccentric (adjustable)	VBA1	BX1SS	BX1	VBA2	BX2SS	BX2
Item	Type	303 sst	303 sst	Electroless nickel plated carbon steel	303 sst	303 sst	Electroless nickel plated carbon steel
Bushings Metric	Concentric (fixed)	MVB1	MB1SS	MB1	MVB2	MB2SS	MB2
	Eccentric (adjustable)	MVBA1	MBX1SS	MBX1	MVBA2	MBX2SS	MBX2

		Size 3			Size 4		
Item	Material	PBC Linear	Bishop Wisecarver DualVee		PBC Linear	Bishop Wisecarver DualVee	
Wheels	52100 steel w/shields	VW3	W3		VW4	W4	
	52100 steel w/seals	VWS3	W3X		VWS4	W4X	
	440 stainless w/seals	VWSS3	W3SSX		VWSS4	W4SSX	
Item	Type	Mat'l: 303 sst	Mat'l: 303 sst	Electroless nickel plated carbon steel	Mat'l: 303 sst	Mat'l: 303 sst	Electroless nickel plated carbon steel
Bushings Inch	Concentric (fixed)	VB3	B3SS	B3	VB4	B4SS	B4
	Eccentric (adjustable)	VBA3	BX3SS	BX3	VBA4	BX4SS	BX4
Item	Type	303 sst	303 sst	Electroless nickel plated carbon steel	303 sst	303 sst	Electroless nickel plated carbon steel
Bushings Metric	Concentric (fixed)	MVB3	MB3SS	MB3	MVB4	MB4SS	MB4
	Eccentric (adjustable)	MVBA3	MBX3SS	MBX3	MVBA4	MBX4SS	MBX4

Size 1						
	Drilling	Length (inches)	No. of Holes	PBC Linear V-Rail	Bishop Wisecarver DualVee	
Rail (1045 Steel)	Undrilled rail			VR1-xxx	T1-XX (length in feet)	
	Predrilled rail			VRD1-xxx	T1-XXXX-Y	
			12.5	7	VRD1-1250	T1-1250-7
			24.5	13	VRD1-2450	T1-2450-13
			36.5	19	VRD1-3650	T1-3650-19
			48.5	25	VRD1-4850	T1-4850-25
			60.5	31	VRD1-6050	T1-6050-31
			72.5	37	VRD1-7250	T1-7250-37

Size 2						
	Drilling	Length (inches)	No. of Holes	PBC Linear V-Rail	Bishop Wisecarver DualVee	
Rail (1045 Steel)	Undrilled rail			VR2-xxx	T2-XX (length in feet)	
	Predrilled rail			VRD2-xxx	T2-XXXX-Y	
			12.63	5	VRD2-1263	T2-1263-5
			24.63	9	VRD2-2463	T2-2463-9
			36.63	13	VRD2-3663	T2-3663-13
			48.63	17	VRD2-4863	T2-4863-17
			60.63	21	VRD2-6063	T2-6063-21
			72.63	25	VRD2-7263	T2-7263-25



Bearing Interchange Chart V-Rail to Bishop Wisecarver DualVee



Size 3					
	Drilling	Length (inches)	No. of Holes	PBC Linear V-Rail	Bishop Wisecarver DualVee
Rail (1045 Steel)	Undrilled rail			VR3-xxx	T3-XX (Length in feet)
	Predrilled rail			VRD3-xxx	T3-XXX-Y
		12.75	5	VRD3-1275	T3-1275-5
		24.75	9	VRD3-2475	T3-2475-9
		36.75	13	VRD3-3675	T3-3675-13
		48.75	17	VRD3-4875	T3-4875-17
		60.75	21	VRD3-6075	T3-6075-21
		72.75	25	VRD3-7275	T3-7275-25

Size 4					
	Drilling	Length (inches)	No. of Holes	PBC Linear V-Rail	Bishop Wisecarver DualVee
Rail (1045 Steel)	Undrilled rail			VR4-xxx	T4-XX (Length in feet)
	Predrilled rail			VRD4-xxx	T4-XXX-Y
		13.00	4	VRD3-1300	T4-1300-4
		25.00	7	VRD4-2500	T4-2500-7
		37.00	10	VRD4-3700	T4-3700-10
		49.00	13	VRD4-4900	T4-4900-13
		61.00	16	VRD4-6100	T4-6100-16
		73.00	19	N/A	T3-7300-19

Size 1					
	Drilling	Length (inches)	No. of Holes	PBC Linear V-Rail	Bishop Wisecarver DualVee
Rail (420 Stainless Steel)	Undrilled rail			VRS1-XXXX	T1-SS-XX (Length in feet)
	Predrilled rail			VRSD1-XXXX	T1-SS-XXXX-Y
		12.5	7	VRSD1-1250	T1-SS-1250-7
		24.5	13	VRSD1-2450	T1-SS-2450-13
		36.5	19	VRSD1-3650	T1-SS-3650-19
		48.5	25	VRSD1-4850	T1-SS-4850-25
		60.5	31	VRSD1-6050	T1-SS-6050-31
		72.5	37	VRSD1-7250	T1-SS-7250-37

Size 2					
	Drilling	Length (inches)	No. of Holes	PBC Linear V-Rail	Bishop Wisecarver DualVee
Rail (420 Stainless Steel)	Undrilled rail			VRS3-XXXX	T2-SS-XX (Length in feet)
	Predrilled rail			VRSD3-XXXX	T2-SS-XXXX-Y
		12.63	5	VRSD2-1263	T2-SS-1263-5
		24.63	9	VRSD2-2463	T2-SS-2463-9
		36.63	13	VRSD2-3663	T2-SS-3663-13
		48.63	17	VRSD2-4863	T2-SS-4863-17
		60.63	21	VRSD2-6063	T2-SS-6063-21
		72.63	25	VRSD2-7263	T2-SS-7263-25

Size 3					
	Drilling	Length (inches)	No. of Holes	PBC Linear V-Rail	Bishop Wisecarver DualVee
Rail (420 Stainless Steel)	Undrilled rail			VRS3-XXXX	T3-SS-XX (Length in feet)
	Predrilled rail			VRSD3-XXXX	T3-SS-XXXX-Y
		12.75	5	VRSD3-1275	T3-SS-1275-5
		24.75	9	VRSD3-2475	T3-SS-2475-9
		36.75	13	VRSD3-3675	T3-SS-3675-13
		48.75	17	VRSD3-4875	T3-SS-4875-17
		60.75	21	VRSD3-6075	T3-SS-6075-21
		72.75	25	VRSD3-7275	T3-SS-7275-25

Size 4					
	Drilling	Length (inches)	No. of Holes	PBC Linear V-Rail	Bishop Wisecarver DualVee
Rail (420 Stainless Steel)	Undrilled rail			VRS4-XXXX	T4-SS-XX (Length in feet)
	Predrilled rail			VRSD4-XXXX	T4-SS-XXXX-Y
		13.00	4	VRSD3-1300	T4-SS-1300-4
		25.00	7	VRSD4-2500	T4-SS-2500-7
		37.00	10	VRSD4-3700	T4-SS-3700-10
		49.00	13	VRSD4-4900	T4-SS-4900-13
		61.00	16	VRSD4-6100	T4-SS-6100-16
		73.00	19	N/A	T3-SS-7300-19

The data and specifications have been carefully compiled and are believed to be accurate and correct. Interchangeability is based purely on approximate nominal size and not on functional specifications. However, it is the responsibility of the user to determine and ensure the suitability of PBC Linear® products for a specific application. The only obligation on PBC Linear® will be to repair or replace without charge, any defective components if returned promptly. No liability is assumed beyond such replacement. Specifications are subject to change without notice.