

# Breeze V-Band



V-Band clamps provide fast, secure high-strength coupling to connect flanged joints.

40-Degree Insert Angle | Welded Band Construction | Nominal Diameter Range 2.11" – 14"

## T-BOLT V-BAND

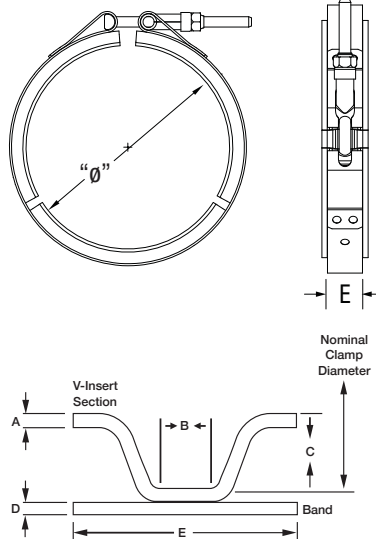
400-Series SS Bolt  
300-Series SS Band  
300-Series SS Insert

## AERO-SEAL V-BAND

400-Series SS Thumb Wing Screw  
9/16" 300-Series SS Band  
300-Series SS Insert

## QUICK-LATCH V-BAND

400-Series SS Bolt  
300-Series SS Band  
300-Series SS Insert

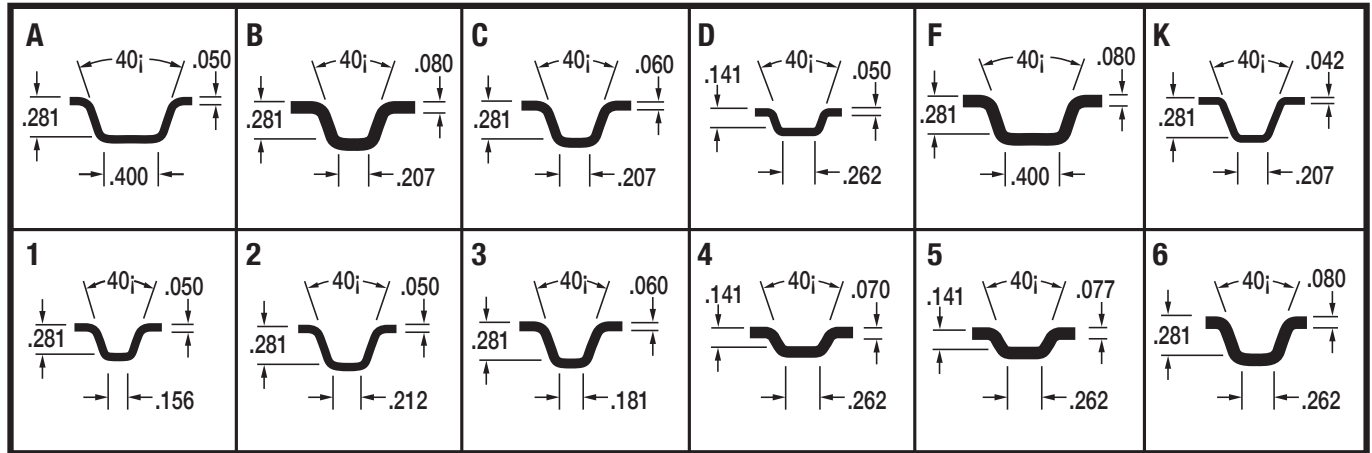


T-BOLT V-BAND		Nominal Diameter (Ø)		Insert Thickness (A)		Insert Apex Width (B)		Insert Depth (C)		Band Thickness (D)		Band Width (E)	
Brand PN	Global PN	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
VT10288	0365 1600 724	2.88	73.2	0.060	1.52	0.207	5.26	0.281	7.14	0.035	0.89	0.750	19.05
VT10321	0365 0431 082	3.21	81.5	0.050	1.27	0.262	6.65	0.141	3.58	0.035	0.89	0.750	19.05
VT10350	0365 1680 889	3.50	88.9	0.080	2.03	0.207	5.26	0.281	7.14	0.040	1.02	0.875	22.23
VT10382	0365 0431 097	3.82	97.0	0.077	1.96	0.207	5.26	0.281	7.14	0.040	1.02	0.875	22.23
VT10388	0365 0431 099	3.88	98.6	0.050	1.27	0.400	10.16	0.281	7.14	0.040	1.02	0.875	22.23
VT10406	0365 0431 103	4.06	103.1	0.077	1.96	0.239	6.07	0.281	7.14	0.050	1.27	0.875	22.23
VT10413	0365 0431 105	4.13	104.9	0.050	1.27	0.262	6.65	0.141	3.58	0.035	0.89	0.750	19.05
VT10419	0365 0402 106	4.19	106.4	0.050	1.27	0.400	10.16	0.281	7.14	0.040	1.02	0.875	22.23
VT10425	0365 3402 108	4.25	108.0	0.050	1.27	0.400	10.16	0.281	7.14	0.040	1.02	0.875	22.23
VT10450	0365 1601 143	4.50	114.3	0.050	1.27	0.262	6.65	0.141	3.58	0.035	0.89	0.750	19.05
VT10450-A	0365 0431 114	4.50	114.3	0.077	1.96	0.207	5.26	0.281	7.14	0.040	1.02	0.875	22.23
VT10461	0365 0431 117	4.61	117.1	0.050	1.27	0.156	3.96	0.218	5.54	0.035	0.89	0.750	19.05
VT10469	0365 0431 119	4.69	119.1	0.050	1.27	0.400	10.16	0.281	7.14	0.040	1.02	0.875	22.23
VT10475	0365 0431 121	4.75	120.7	0.050	1.27	0.400	10.16	0.281	7.14	0.040	1.02	0.875	22.23
VT10475-A	0365 0434 121	4.75	120.7	0.077	1.96	0.158	4.01	0.310	7.87	0.040	1.02	0.875	22.23
VT10481	0365 0431 122	4.81	122.2	0.077	1.96	0.207	5.26	0.281	7.14	0.040	1.02	0.875	22.23
VT10491	0365 1681 247	4.91	124.7	0.040	1.02	0.293	7.44	0.296	7.52	0.050	1.27	0.875	22.23
VT10494	0365 0431 125	4.94	125.5	0.060	1.52	0.181	4.60	0.281	7.14	0.035	0.89	0.750	19.05
VT10510	0365 1681 295	5.10	129.5	0.050	1.27	0.262	6.65	0.141	3.58	0.035	0.89	0.750	19.05
VT10525	0365 0431 133	5.25	133.4	0.050	1.27	0.262	6.65	0.141	3.58	0.035	0.89	0.750	19.05
VT10530	0365 1681 346	5.30	134.6	0.050	1.27	0.262	6.65	0.141	3.58	0.035	0.89	0.750	19.05
VT10565	0365 1681 435	5.65	143.5	0.050	1.27	0.262	6.65	0.141	3.58	0.035	0.89	0.750	19.05
VT10581	0365 1681 476	5.81	147.6	0.077	1.96	0.207	5.26	0.281	7.14	0.062	1.57	0.875	22.23
VT10588	0365 1681 494	5.88	149.4	0.050	1.27	0.400	10.16	0.281	7.14	0.040	1.02	0.875	22.23
VT10588-1	0365 1601 494	5.88	149.4	0.050	1.27	0.400	10.16	0.281	7.14	-	-	-	-
VT10592	0365 0431 150	5.92	150.4	0.090	2.29	0.293	7.44	0.296	7.52	0.050	1.27	0.875	22.23
VT10688	0365 1681 748	6.88	174.8	0.060	1.52	0.400	10.16	0.281	7.14	0.040	1.02	0.875	22.23
VT10808	0365 1682 052	8.08	205.2	0.050	1.27	0.262	6.65	0.141	3.58	0.035	0.89	0.750	19.05
VT11100B03-4HG B	0373 0000 279	11.00	279.4	0.080	2.03	0.207	5.26	0.281	7.14	0.050	1.27	0.875	22.23
VT11200B03-4HG B	0373 0002 305	12.00	304.8	0.080	2.03	0.207	5.26	0.281	7.14	0.050	1.27	0.875	22.23
VT11400B03-4HG B	0373 0001 356	14.00	355.6	0.080	2.03	0.207	5.26	0.281	7.14	0.050	1.27	0.875	22.23

AERO-SEAL V-BAND		Nominal Diameter (Ø)		Insert Thickness (A)		Insert Apex Width (B)		Insert Depth (C)		Band Thickness (D)		Band Width (E)	
Brand PN	Global PN	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
VA10211D03-3A B	0365 0201 054	2.11	53.6	0.050	1.27	0.262	6.65	0.141	3.58	0.023	0.58	0.564	14.33
VA10264D03-3A B	0365 0201 067	2.64	67.1	0.050	1.27	0.262	6.65	0.141	3.58	0.023	0.58	0.564	14.33
VA10317D03-3A B	0365 0201 081	3.17	80.6	0.050	1.27	0.262	6.65	0.141	3.58	0.023	0.58	0.564	14.33
VA10370D03-3A B	0365 0201 094	3.70	94.1	0.050	1.27	0.262	6.65	0.141	3.58	0.023	0.58	0.564	14.33
VA10485D03-3A B	0365 0201 123	4.85	123.2	0.050	1.27	0.262	6.65	0.141	3.58	0.023	0.58	0.564	14.33

QUICK-LATCH V-BAND		Nominal Diameter (Ø)		Insert Thickness (A)		Insert Apex Width (B)		Insert Depth (C)		Band Thickness (D)		Band Width (E)	
Brand PN	Global PN	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
90-0011	0365 5001 081	3.18	80.8	0.060	1.52	0.207	5.26	0.281	7.14	0.040	1.02	0.750	19.05
90-0014	0365 0100 095	3.73	94.7	0.120	3.00	0.400	10.16	0.281	7.14	0.050	1.30	0.875	22.23
90-0012	0365 5001 121	4.75	120.7	0.050	1.27	0.400	10.16	0.281	7.14	0.040	1.02	0.750	19.05
90-0013	0365 5001 149	5.88	149.4	0.050	1.27	0.400	10.16	0.281	7.14	0.040	1.02	0.750	19.05

## Standard V-Band Segment Options



Note: V-Band profiles shown above represent the most commonly used segment configurations.

## Typical V-Band Applications

- Turbocharger Connections
- Diaphragm Pumps
- Diesel Exhaust
- Pool/Spa Filters and Pumps
- Food Processing/Dairy Equipment

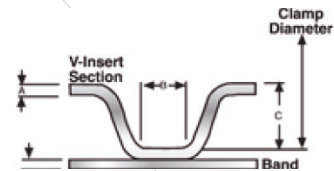
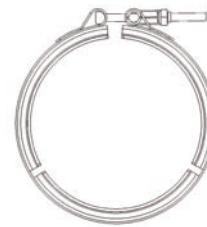
## Pipe Clamps

### Breeze V-Band

Breeze V-Band clamps provide fast, secure coupling for connecting flanged joints. The V-Band clamp features high strength and positive sealing integrity.

Custom designs and sizes available.

Typical applications include heavy duty diesel engine exhaust and turbochargers.



V-Band - Sizes and Part Numbers						
Nominal Diameter	V-Insert Sections			Bands		Part Number
	A	B	C	D	E	
2.88"	.060	.207	.281	.035	.750	VT10288
3.21"	.050	.262	.141	.035	.750	VT10321
3.50"	.080	.207	.281	.040	.875	VT10350
3.82"	.077	.207	.281	.040	.875	VT10382
3.88"	.050	.400	.281	.040	.875	VT10388
4.06"	.077	.239	.281	.050	.875	VT10406
4.13"	.050	.262	.141	.035	.750	VT10413
4.19"	.050	.400	.281	.040	.875	VT10419
4.25"	.050	.400	.281	.040	.875	VT10425
4.50"	.077	.207	.281	.040	.875	VT10450-A
4.50"	.050	.262	.141	.035	.750	VT10450
4.61"	.050	.156	.218	.035	.750	VT10461
4.69"	.050	.400	.281	.040	.875	VT10469
4.75"	.050	.400	.281	.040	.875	VT10475
4.75"	.077	.158	.310	.040	.875	VT10475-A
4.81"	.077	.207	.281	.040	.875	VT10481
4.91"	.040	.293	.296	.050	.875	VT10491
4.94"	.060	.181	.281	.035	.750	VT10494
5.10"	.050	.262	.141	.035	.750	VT10510
5.25"	.050	.262	.141	.035	.750	VT10525
5.30"	.050	.262	.141	.035	.750	VT10530
5.65"	.050	.262	.141	.035	.750	VT10565
5.81"	.077	.207	.281	.062	.875	VT10581
5.88"	.050	.400	.281	.040	.875	VT10588
5.88"	.050	.400	.281			VT10588-1
5.92"	.090	.293	.296	.050	.875	VT10592
6.88"	.060	.400	.281	.040	.875	VT10688
8.08"	.050	.262	.141	.035	.750	VT10808

# Application Guide - Functional Interchange



STOCK NUMBER	OEM	AFTERMARKET	
VT10475	CUMMINS	115774	BIG RIG/ELLCON 88-507
		L-10 T-35	CLAMPS, INC VBC-4810
	CAT	3176T	DYNAFLEX 40-400-2S
	VOLVO	681001	GRAND ROCK VB-475C
	WESTERN STAR	23504-3413	NELSON 89520K
	FREIGHTLINER	681 49200 40	STEMCO 250-0017 OR 250-0023
		VOLVO 8071156	
	RG RAY	10028-6	WALKER 35036 OR
	GMC	TOPKICK/KODAK W/6,6L, 15647159	35290
	NAVISTAR	893945R92	SHUTTLEWORTH 320016
	7.3L, DT-DTA 360		
	DT-DTA 466		
VT10475-A	DDC	2058726	AP 9617
		2295978	CLAMPS, INC VBC-4765
		8.2L, 8.2LT	DYNAFLEX 41-00-1S
	RG RAY	10229	EX AIR 88-401
	FORD	EOHT-5A281-DA	NELSON 89509K
		EOH2-5AQ231C	RIKER UV 405
	CLAMPCO	998LB-0475	STEMCO 250-0002
		WALKER 35499	
		DONALDSON	J009617
		SHUTTLEWORTH	320010
VT10481	DDC	5138363	AP 9399
		6-71T, 12V-71, 8-2T, 8-2N	DONALDSON J009399
	GMC	2041519	P206606
		8.2L	DYNAFLEX 40-400S
	BLUE BIRD	0997791	NELSON 89513K
		1980-90 W/8.2LT	EX AIR 88-406
	FORD	W/DD6-71T, 8.2N	HEAVY DUTY 21-114
		8.2T, 12V-71	RIKER UV 400
	RG RAY	10020-3	STEMCO 250-0640
			WALKER 35805
		SHUTTLEWORTH 320014	
VT10491	DDC	5137618, 6-71N	DONALDSON J009647
	NAVISTAR	433192891	NELSON 89507K
		ALL W/6-71N	RIKER UV 478
	RGRAY	10021-1	STEMCO 250-0902
		WALKER 35641	
		SHUTTLEWORTH	320008
VT10494	MACK	11 ME29	AP 9619
		48RU2289P1	CLAMPS, INC VBC-4812
	RG RAY	10040	DONALDSON J009619
			DYNAFLEX 40-400-1S
			HEAVY DUTY 21-344
			NELSON 89532K
		STEMCO 250-0013	
		WALKER 35640	
		SHUTTLEWORTH 320036	
VT10510	VOLVO	02-7000326	
	HOLSET		
VT10525	CAT	8N2745	AP 9616
	DOC	5132650, 513262	CLAMPS, INC VBC-4860
	GM	2011586	DONALDSON P210110
	VOLVO	02-7105902	DYNAFLEX 41-450S
	RG RAY	10134	EX AIR 88-456
	DD	8V71T, 16V-71, 16V-92T, 6V92, 8V92	GRAND ROCK VB-525D
			HEAVY DUTY 21-125
	AIRESEARCH	T1899-TH08A64	NELSON 89510K
	FREIGHTLINER	01-14551	STEMCO 250-1017
	NAVISTAR	9300 SERIES	WALKER 35746
		WDD8V71,	
		8V92, 780067C91	SHUTTLEWORTH 320011
	CLAMPCO	99506-0525	

STOCK NUMBER	OEM	AFTERMARKET
VT10530	CUMMINS	CUMMINS DYNAFLEX 40-500-2S
	CAT	6L3005 HEAVY DUTY 21-225
VT 10565	CAT	5L7631 DYNAFLEX 41-500S
	VOLVO	23504-0012
	RG RAY	10149-2
	GARRETT	446397-5560
	SWITZER	138374
VT10581	PETERBILT	1411039 DONALDSON P213191
	DD	8V-71 T NELSON 89514K
	CLAMPCO	996KJ-0581 STEMCO 250-0970
		WALKER 35500
		SHUTTLEWORTH 320015
VT10588	CUMMINGS	186917, NT, NTC AP 9615
	VOLVO	543871 CLAMPS, INC VBC-5880
		SHUTTLEWORTH 320004
VT10588-1		8070165 DONALDSON P206607 OR J009615
“(1-PIECE ECONOMY VERSION)”	CAT	3406, 3406B, 3176; 9N1941 DYNAFLEX 40-500S
	WESTERN STAR	543871 EX AIR 88-506
	DDC	SERIES 60, 23505789, 23506159 GRAND ROCK VB-588C
	CLAMPCO	99502-0588 HEAVY DUTY 21-215
	FREIGHT-LINER	04-13828-000 NELSON 89503K
	FRT. FLD	01-14596-000 RIKER UV 501
	MODELS	W/DDSERIES 60, WALKER 250-0931
		CAT 3406, CUMMINS NTC, VT 35806
	RG RAY	10028-3
	MACK	11 ME241
	NAVISTAR	2500/2600 SERIES
		1672105C91
		390226C91
	GARRETT	210046-0000
	GM	23506159
VT10592	DDC	5148101 AP 9397
	MAC	48 RN 19326 CLAMPS, INC VBC-5920
	RG RAY	10034 DYNAFLEX 40-500-1S
	CLAMPCO	99900-0592, 99923-0592 EX AIR 88-511
	DD	8V71, 6V71 HEAVY DUTY 21-192
		12V71 NELSON 90531 K
		RIKER UV 500
		STEMCO 250-1280
		SHUTTLEWORTH 320085
VT10688	CUMMINGS	3016306 DYNAFLEX 40-600S
		VTA 903
VT10808	MACK	48 SB 21 PAI ECL 2860
VT10835	VOLVO	573953
	CAT	1W6694
VT10288	DDC	8920206 CLAMPS, INC VBC-2894
	RG RAY	10183 DYNAFLEX 40-220S
		EX AIR/BIG RIG 88-287
		NELSON 90603K
		RIKER UV 250
VT10321	CUMMINGS B	3903652 NELSON 89571K
	FRTLINER	680 492 00 40 STEMCO 250-0020
	OSHKOSH	RE37055-RE40 WALKER 35636
	BLUE BIRD	1334226 SHUTTLEWORTH 320038
		1988-94 TC2000 W/5.9L
	FORD	1993-95 B500/700 W/5.9LT
		F3H25A281A
RG RAY	10301-1	
VT10350	CAT	8N0878 10148-3

# Application Guide - Functional Interchange



STOCK NUMBER	OEM		AFTERMAR-KET	
VT10382	DOC	5137620	AP	9395
	CAT	8N0879	CLAMPS, INC	VBC-3840
	GMC	644153	DONALDSON	P206604
	DDC	6V71, 6V53,	DYNAFLEX	40-300S
		6V92, 8V92	EX AIR/BIG RIG	88-306
	VOSS	BC1279E-350-Z	HEAVY DUTY	21-113
	FORD	W/DD6V53, 6V71, W/	NELSON	89505K
		CUMMINGS V555, V902	RIKER	UV 300
	NAVISTAR	425624291	STEMCO	250-0900
			WALKER	35695
		SHUTTLEWORTH	320006	
VT10388	CUMMINS	183670	AP	9612 OR 9610
		V555, V903, V902	CLAMPS, INC	VBC-3880
	VOLVO	Y559206	DONALDSON	J009612
				OR J009610
	RG RAY	10028-1	DYNAFLEX	41-300-S OR
		10190		41-300-1S
	FORD	D9HZ-5A231J	EX AIR, BIG RIG	88-316
		D9HT-5C210-DA	HEAVY DUTY	21-213
		MED. DUTY 370, 429	NELSON	89500K OR
				90527K
			RIKER	UV 301 OR
			UV 251	
			STEMCO	250-0930 OR
				250-0005 OR
				250-0018
		WALKER	35690 OR	
			35401	
		SHUTTLEWORTH	320001 OR	
			320082	
VT10406	RG RAY	10302	AP	9611
	FORD	EOHT5A281-BA,	CLAMPS, INC	VBC-4070
		EOHZ5A231B	DONALDSON	J009611
	DDC/GMC	2069773	DYNAFLEX	41-338S
		1980-90 MED. DUTY	EX AIR/BIG RIG	88-326
		TRUCK/BUS W/8.2LNA	NELSON	89508K
			RIKER	UV 355
			STEMCO	250-0001 OR
				250-0006
			WALKER	35495
		SHUTTLEWORTH	320009	
VT10413	CUMMINGS C		NELSON	89573K
	RG RAY	10459	STEMCO	250-0022
	GMC	2032896	DYNAFLEX	40-350-3S
	DDC	5103434	SHUTTLEWORTH	320039
VT10419	CAT	3208T	DYNAFLEX	40-350-1S
		1W5455	GRAND ROCK	VB-419C
		7C0752	NELSON	89531K
	THOMAS	1984-89 SAF-T-LINER	STEMCO	250-0004
		W/3208T	WALKER	WALKER
		61240207	SHUTTLEWORTH	320035
	FORD	E2HZ5A231A,		
		E8H25A231E		
		1987-90 B600/780,		
		SCHOOL BUS CF-600/		
	800 W6.6I.T			
CLAMPCO	998LC-0419			

STOCK NUMBER	OEM		AFTERMARKET	
VT10425	CUMMINGS	102408, V555, VT555	NELSON	89501K
	VOLVO	542127	STEMCO	250-1278
		1987-84 CF600/800	DYNAFLEX	40-350-2S
	FORD	F600/800 W 7.8LT	WALKER	35496
		E7H25A231C	SHUTTLEWORTH	320002
		1986-89 SERIES S		
NAVISTAR	TRUCK/BUS			
	W/DT 380, 893944R92			
	RG RAY	10028-2		
VT10450-A	DDC	5137619	AP	9396
	VOLVO	7BB064	CLAMPS, INC	VBC-4500
	DD	8V92, 4-53	DONALDSON	P206605
		8V-71, 6-71	DYNAFLEX	40-350S
	PETERBILT	14-11040	EX AIR/BIG RIG	88-356
			HEAVY DUTY	21-113 I/2
		NELSON	89506K	
CUMMINGS	VT555	RIKER	UV 350	
NAVISTAR	434252R91	STEMCO	250-0901	
		WALKER	35804	
		SHUTTLEWORTH	320007	
VT10450	CAT	5L9316, 5L9396	NELSON	89502K
	DD	5139024	STEMCO	250-0014
	STEIGER	31-2340	WALKER	35658
	SWITZER	4LDE, 4LE	SHUTTLEWORTH	320003
			4LH, 4LS	
VT10461	MACK	48 RU 2341	AP	9614
	SWITZER	4LF 154977	DONALDSON	J009614
	AIRESEARCH	TE-0699	DYNAFLEX	40-400S
	RG RAY	10039	EX AIR	88-416
	MACK	4ME21409	GRAND ROCK	VB 461M
	CLAMPCO	995VD-0461	HEAVY DUTY	21-314
			NELSON	89533K
			PAI	ECL 2120
			RIKER	UV 401
			STEMCO	250-8001
		WALKER	35498	
		SHUTTLEWORTH	320037	
VT10469	CAT	1W2431	GRAND ROCK	VB-4610
		3306	STEMCO	250-0024
	BLUE BIRD	1250646	WALKER	35131
		ALL AMERICAN W/		
		CAT 3116		
	THOMAS	198489 SCHOOL BUS		
	W/3208T			
	#61240208			

\* FUNCTIONAL INTERCHANGE LISTED ARE "REPLACEMENT FOR, COMPATIBLE WITH, OR FITS"