

Premium V-Belts

- Premium construction for longest belt life

The most common V-belts used on smaller positive displacement blower drives have "B" or "3V" designations. B series belts have a top width of 2¹/₃₂", and the narrow but deep "3V" belts have a 3³/₈" top width. The "X" indicates premium belt construction for superior grip and flexibility, especially on smaller diameter sheaves.

Fractional horsepower belts (usually designated as 3L, 4L or 5L) found in hardware stores may look similar to B and 3V belts dimensionally, but will last only days or a few weeks vs. years for industrial belts.



BELT PART #	NOMINAL OL	STOCK #	EACH	BELT PART #	NOMINAL OL	STOCK #	EACH
BX - PREMIUM RAW EDGE, NOTCHED CONSTRUCTION							
BX34	37"	24182	\$	BX68	71"	24123	\$
BX35	38"	23383		BX69	72"	25024	
BX36	39"	23385		BX70	73"	24125	
BX38	41"	23820		BX71	74"	24127	
BX40	43"	23826		BX72	75"	25026	
BX41	44"	24802		BX73	76"	16741	
BX42	45"	23832		BX74	77"	16743	
BX43	46"	24804		BX75	78"	24129	
BX44	47"	24812		BX76	79"	25116	
BX45	48"	24814		BX77	80"	24131	
BX46	49"	24050		BX78	81"	24133	
BX47	50"	24816		BX79	82"	24135	
BX48	51"	24053		BX80	83"	24137	
BX49	52"	24850		BX81	84"	24162	
BX50	53"	24055		BX82	85"	24164	
BX51	54"	24057		BX83	86"	24166	
BX52	55"	24059		BX84	87"	25118	
BX53	56"	24061		BX85	88"	24168	
BX54	57"	24063		BX86	89"	25172	
BX55	58"	24065		BX87	90"	25441	
BX56	59"	24101		BX88	91"	25443	
BX57	60"	24889		BX89	92"	25445	
BX58	61"	24103		BX90	93"	24172	
BX59	62"	24105		BX91	94"	25604	
BX60	63"	24107		BX92	95"	25623	
BX61	64"	24109		BX93	96"	24174	
BX62	65"	24111		BX95	98"	24176	
BX63	66"	24113		BX97	100"	24178	
BX64	67"	24115		BX99	102"	24180	
BX65	68"	24117		BX103	106"	25863	
BX66	69"	24119		BX105	108"	24186	
BX67	70"	24121					

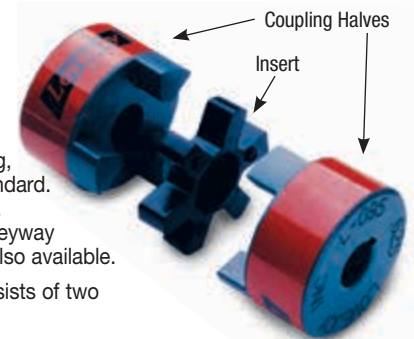
BELT PART #	NOMINAL OL	STOCK #	EACH	BELT PART #	NOMINAL OL	STOCK #	EACH
3VX - PREMIUM RAW EDGE, NOTCHED CONSTRUCTION							
3VX250	25"	24632	\$	3VX530	53"	24239	\$
3VX280	28"	24788		3VX560	56"	24241	
3VX300	30"	24219		3VX600	60"	24243	
3VX315	31.5"	24221		3VX630	63"	24245	
3VX335	33.5"	24223		3VX670	67"	24247	
3VX355	35.5"	24225		3VX710	71"	24249	
3VX375	37.5"	24227		3VX750	75"	24257	
3VX400	40"	24229		3VX800	80"	24404	
3VX425	42.5"	24231		3VX850	85"	24435	
3VX450	45"	24233		3VX900	90"	24437	
3VX475	47.5"	24235		3VX950	95"	24445	
3VX500	50"	24237		3VX1000	100"	24601	
5VX - PREMIUM RAW EDGE, NOTCHED CONSTRUCTION							
5VX450	45"	24188	\$	5VX900	90"	21028	\$
5VX560	56"	21020		5VX950	95"	21029	
5VX600	60"	21021		5VX1000	100"	21030	
5VX630	63"	21022		5VX1060	106"	21031	
5VX670	67"	21023		5VX1080	108"	24196	
5VX710	71"	21024		5VX1120	112"	21032	
5VX750	75"	21025		5VX1180	118"	21033	
5VX780	78"	24190		5VX1250	125"	21034	
5VX800	80"	21026		5VX1320	132"	21035	
5VX810	81"	24192		5VX1400	140"	21036	
5VX850	85"	21027		5VX1600	160"	24217	
5VX880	88"	24194					

DESCRIPTION	STOCK #	EACH
V-Belt Tension Checker	47702	\$

Lovejoy™ Type L Jaw Couplings

These couplings provide high capacity per dollar and are used successfully in treatment plants worldwide. Bodies are either sintered iron or cast iron. Spider inserts are made of oil-resistant and resilient Buna-N. This type of coupling can compensate for 1° of angular misalignment and 0.015" of parallel offset. Couplings shown here provide a nominal 1.5 service factor suitable for water and wastewater plant applications, including water pumps, blowers and gear reducers. Select the appropriate coupling series below.

Coupling halves are available in bore sizes within the ranges listed, in 1/16" increments with standard size keyways. If you are replacing a very old coupling, confirm that your keyway is standard. If not, contact us for assistance. Pilot bore couplings without a keyway and metric bore couplings are also available.



Note: A complete coupling consists of two coupling halves and one insert.

Lovejoy Couplings Selection Guide

MOTOR HP	MOTOR RPM	
	1800	3600
0.50	L050	L050
0.75	L070	L050
1	L075	L050
1.5	L075	L070
2	L090	L075
3	L095	L075
5	L100	L090/L099
7.5	L100	L095/L100
10	L110	L100
15	L110	L100
20	L150	L110
25	L150/190	L110
30	L190	L110/150
40	L225	L150

operator notes

Standard Keyseats

Note: Couplings are supplied with standard keyseats shown. If you have old equipment, your keyseat size may be different. Offset keys are available as special order.

Bore Range	Keyseat
1/2 to 9/16"	1/8" X 1/16"
5/8 to 7/8"	3/16" X 3/32"
15/16 to 1 1/4"	1/4" X 1/8"
15/16 to 1 3/8"	5/16" X 5/32"
1 7/16 to 1 3/4"	3/8" X 3/16"
1 13/16 to 2 1/4"	1/2" X 1/4"
2 5/16 to 2 11/16"	5/8" X 3/8"

LOVEJOY SERIES	BORE RANGE	OVERALL LENGTH*	COUPLING HALF		COUPLING INSERT	
			STOCK #	EACH	STOCK #	EACH
L050	1/4 to 5/8"	1.71"	19471	\$	19470	\$
L070	1/4 to 3/4"	1.98"	19472		19480	
L075	1/4 to 7/8"	2.13"	19473		19490	
L090	1/4 to 1"	2.15"	19474		19500	
L095	7/16 to 1 1/8"	2.51"	19475		19500	
L099	7/16 to 1 3/16"	2.84"	19476		19510	
L100	7/16 to 1 3/8"	3.48"	19477		19510	
L110	5/8 to 1 5/8"	4.22"	19478		19520	
L150	5/8 to 1 7/8"	4.50"	19479		19530	
L190	3/4 to 2 1/8"	4.86"	19481		19540	
L225	3/4 to 2 3/8"	5.38"	19482		19483	

* Overall length of complete coupling (2 coupling halves plus 1 coupling insert).