

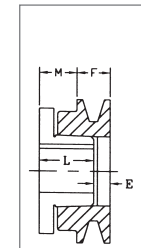
# MAL (A & 3L-4L V-BELTS)

Warehouse Innovation  
Color-coded product labels for easy stock retrieval on shelves

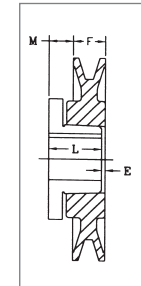


## 1 GROOVE

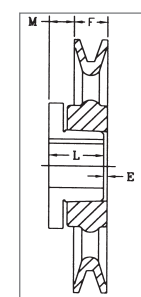
D.D		O.D.	Part No	Cross Refer.	List Price \$	Type	Dimensions*				Wt (lbs)
(3L) Belts	A(4L) Belts						E	F	L	M	
2.46	2.8	3.05	<b>MAL30</b>	AK30H	<b>19.06</b>	1B	3/8	3/4	1 11/32	31/32	1.15
2.66	3.0	3.25	<b>MAL32</b>	AK32H	<b>19.36</b>	1B	3/8	3/4	1 11/32	31/32	1.30
2.86	3.2	3.45	<b>MAL34</b>	AK34H	<b>19.64</b>	1B	3/32	3/4	1 11/32	11/16	1.20
3.16	3.5	3.75	<b>MAL37</b>	AK39H	<b>20.78</b>	1B	3/32	3/4	1 11/32	11/16	1.50
3.36	3.7	3.95	<b>MAL39</b>	AK41H	<b>21.06</b>	1B	3/32	3/4	1 11/32	11/16	1.75
3.66	4.0	4.25	<b>MAL42</b>	AK44H	<b>21.34</b>	1B	3/32	3/4	1 11/32	11/16	2.05
3.86	4.2	4.45	<b>MAL44</b>	AK46H	<b>21.62</b>	1B	3/32	3/4	1 11/32	11/16	2.25
4.16	4.5	4.75	<b>MAL47</b>	AK49H	<b>21.92</b>	3W	3/32	3/4	1 11/32	11/16	2.10
4.36	4.7	4.95	<b>MAL49</b>	AK51H	<b>22.20</b>	3W	3/32	3/4	1 11/32	11/16	2.35
4.66	5.0	5.25	<b>MAL52</b>	AK54H	<b>22.48</b>	3W	3/32	3/4	1 11/32	11/16	2.65
4.86	5.2	5.45	<b>MAL54</b>	AK56H	<b>22.80</b>	3W	3/32	3/4	1 11/32	11/16	2.75
5.16	5.5	5.75	<b>MAL57</b>	AK59H	<b>23.24</b>	5A	3/32	3/4	1 11/32	11/16	2.60
5.36	5.7	5.95	<b>MAL59</b>	AK61H	<b>23.72</b>	5A	3/32	3/4	1 11/32	11/16	2.50
5.66	6.0	6.25	<b>MAL62</b>	AK64H	<b>24.32</b>	5A	3/32	3/4	1 11/32	11/16	2.60
5.86	6.2	6.45	<b>MAL64</b>	AK66H	<b>25.08</b>	5A	3/32	3/4	1 11/32	11/16	2.70
6.16	6.5	6.75	<b>MAL67</b>	AK69H	<b>27.48</b>	5A	3/32	3/4	1 11/32	11/16	2.85
6.36	6.7	6.95	<b>MAL69</b>	AK71H	<b>28.96</b>	5A	3/32	3/4	1 11/32	11/16	2.90
6.66	7.0	7.25	<b>MAL72</b>	AK74H	<b>30.36</b>	5A	3/32	3/4	1 11/32	11/16	3.10
7.16	7.5	7.75	<b>MAL77</b>	AK79H	<b>33.08</b>	5A	3/32	3/4	1 11/32	11/16	3.35
7.66	8.0	8.25	<b>MAL82</b>	AK84H	<b>35.20</b>	5A	1/8	3/4	1 11/32	23/32	3.85
8.16	8.5	8.75	<b>MAL87</b>	AK89H	<b>37.92</b>	5A	3/32	3/4	1 11/32	11/16	4.10
8.66	9.0	9.25	<b>MAL92</b>	AK94H	<b>40.96</b>	5A	3/32	3/4	1 11/32	11/16	4.40
9.16	9.5	9.75	<b>MAL97</b>	AK99H	<b>43.52</b>	5A	3/32	3/4	1 11/32	11/16	4.60
9.66	10.0	10.25	<b>MAL102</b>	AK104H	<b>44.12</b>	5A	3/32	3/4	1 11/32	11/16	4.90
10.16	10.5	10.75	<b>MAL107</b>	AK109H	<b>46.36</b>	5A	3/32	3/4	1 11/32	11/16	5.20
10.66	11.0	11.25	<b>MAL112</b>	AK114H	<b>47.84</b>	5A	3/32	3/4	1 11/32	11/32	5.55
11.66	12.0	12.25	<b>MAL122</b>	AK124H	<b>52.28</b>	5A	3/32	3/4	1 11/32	11/16	5.90
12.66	13.0	13.25	<b>MAL132</b>	AK134H	<b>60.28</b>	5A	3/32	3/4	1 11/32	11/16	6.55
13.66	14.0	14.25	<b>MAL142</b>	AK144H	<b>67.72</b>	5A	3/32	3/4	1 11/32	11/16	7.30
14.66	15.0	15.25	<b>MAL152</b>	AK154H	<b>74.52</b>	5A	3/32	3/4	1 11/32	11/16	9.80
17.66	18.0	18.25	<b>MAL182</b>	AK184H	<b>88.00</b>	5A	3/32	3/4	1 11/32	11/16	9.95



TYPE 1



TYPE 3



TYPE 5



SHEAVES

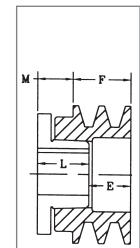
P.D. for "A" (4L) Belts = O.D. P.D. for "3L" Belts = D.D.+0.25 = O.D.-0.34 \* Dimensions to closest fraction  
Legend: "E" and "M" dimensions may vary according to shaft tolerance. MAL Series use "L" bushing. With "L" bushing only reverse mounting is possible, see page 11 for installation instructions.

# 2MAL (A V-BELTS)

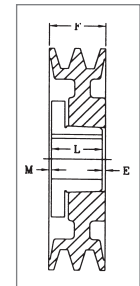
Warehouse Innovation  
Color-coded product labels for easy stock retrieval on shelves

## 2 GROOVES

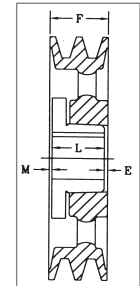
D.D. "A" Belts	O.D.	Part No	Cross Refer.	List Price \$	Type	Dimensions*				Wt (lbs)
						E	F	L	M	
2.8	3.05	2MAL30	2AK30H	33.36	2B	1	1 3/8	1 11/32	31/32	1.70
3.0	3.25	2MAL32	2AK32H	37.48	2B	1	1 3/8	1 11/32	31/32	1.90
3.2	3.45	2MAL34	2AK34H	37.76	2B	23/32	1 3/8	1 11/32	11/16	1.90
3.5	3.75	2MAL37	2AK39H	38.56	2B	23/32	1 3/8	1 11/32	11/16	2.15
3.7	3.95	2MAL39	2AK41H	42.68	4B	3/32	1 3/8	1 11/32	1/16	2.30
4.0	4.25	2MAL42	2AK44H	44.16	4B	3/32	1 3/8	1 11/32	1/16	2.75
4.2	4.45	2MAL44	2AK46H	46.24	4W	3/32	1 3/8	1 11/32	1/16	2.85
4.5	4.75	2MAL47	2AK49H	47.12	4W	3/32	1 3/8	1 11/32	1/16	3.50
4.7	4.95	2MAL49	2AK51H	48.44	4W	3/32	1 3/8	1 11/32	1/16	3.70
5.0	5.25	2MAL52	2AK54H	50.52	4W	3/32	1 3/8	1 11/32	1/16	4.05
5.2	5.45	2MAL54	2AK56H	51.24	4W	3/32	1 3/8	1 11/32	1/16	4.20
5.5	5.75	2MAL57	2AK59H	51.68	6A	3/32	1 3/8	1 11/32	1/16	3.90
5.7	5.95	2MAL59	2AK61H	52.88	6A	3/32	1 3/8	1 11/32	1/16	4.05
6.0	6.25	2MAL62	2AK64H	55.76	6A	3/32	1 3/8	1 11/32	1/16	4.50
6.2	6.45	-	-	-	-	-	-	-	-	-
6.5	6.75	-	-	-	-	-	-	-	-	-
6.7	6.95	-	-	-	-	-	-	-	-	-
7.0	7.25	2MAL72	2AK74H	62.36	6A	3/32	1 3/8	1 11/32	1/16	5.70
7.5	7.75	-	-	-	-	-	-	-	-	-
8.0	8.25	2MAL82	2AK84H	69.20	6A	3/32	1 3/8	1 11/32	1/16	6.50
8.5	8.75	-	-	-	-	-	-	-	-	-
9.0	9.25	2MAL92	2AK94H	74.36	6A	3/32	1 3/8	1 11/32	1/16	7.80
9.5	9.75	-	-	-	-	-	-	-	-	-
10.0	10.25	2MAL102	2AK104H	77.92	6A	3/32	1 3/8	1 11/32	1/16	8.80
10.5	10.75	-	-	-	-	-	-	-	-	-
11.0	11.25	2MAL112	2AK114H	86.68	6A	3/32	1 3/8	1 11/32	1/16	9.50
12.0	12.25	2MAL122	2AK124H	91.40	6A	3/32	1 3/8	1 11/32	1/16	10.60
13.0	13.25	2MAL132	2AK134H	96.76	6A	3/32	1 3/8	1 11/32	1/16	11.90
14.0	14.25	2MAL142	2AK144H	102.36	6A	3/32	1 3/8	1 11/32	1/16	12.45
15.0	15.25	2MAL152	2AK154H	114.68	6A	3/32	1 3/8	1 11/32	1/16	14.00
18.0	18.25	2MAL182	2AK184H	151.12	6A	3/32	1 3/8	1 11/32	1/16	17.95



TYPE 2



TYPE 4



TYPE 6

SHEAVES

P.D. for "A" Belts = O.D.

\* Dimensions to closest fraction

Legend: "E" and "M" dimensions may vary according to shaft tolerance. MAL Series use "L" bushing. With "L" bushing only reverse mounting is possible, see page 11 for installation instructions.

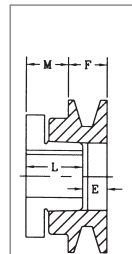
## MBL (A-B & 4L-5L V-BELTS)

**Warehouse Innovation**  
Color-coded product labels for easy stock retrieval on shelves

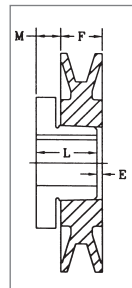
### 1 GROOVE

SHEAVES

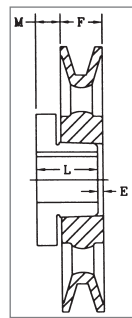
D.D		O.D.	Part No	Cross Refer.	List Price \$	Type	Dimensions*				Wt (lbs)
A(4L) Belts	B(5L) Belts						E	F	L	M	
2.40	2.80	3.15	<b>MBL31</b>	BK30H	<b>21.68</b>	1B	17/32	29/32	1 11/32	63/64	1.25
2.60	3.00	3.35	<b>MBL33</b>	BK32H	<b>23.06</b>	1B	17/32	29/32	1 11/32	63/64	1.40
2.80	3.20	3.55	<b>MBL35</b>	BK34H	<b>23.10</b>	1B	17/32	29/32	1 11/32	63/64	1.65
3.00	3.40	3.75	<b>MBL37</b>	BK36H	<b>23.28</b>	3B	3/32	29/32	1 11/32	17/32	1.40
3.20	3.60	3.95	<b>MBL39</b>	BK40H	<b>23.34</b>	3B	3/32	29/32	1 11/32	17/32	1.70
3.50	3.90	4.25	<b>MBL42</b>	BK45H	<b>23.84</b>	3B	3/32	29/32	1 11/32	17/32	2.05
3.70	4.10	4.45	<b>MBL44</b>	BK47H	<b>24.36</b>	3B	3/32	29/32	1 11/32	17/32	2.35
4.00	4.40	4.75	<b>MBL47</b>	BK50H	<b>24.92</b>	3W	3/32	29/32	1 11/32	17/32	1.95
4.20	4.60	4.95	<b>MBL49</b>	BK52H	<b>25.44</b>	3W	3/32	29/32	1 11/32	17/32	2.40
4.50	4.90	5.25	<b>MBL52</b>	BK55H	<b>25.96</b>	3W	3/32	29/32	1 11/32	17/32	2.35
4.70	5.10	5.45	<b>MBL54</b>	BK57H	<b>26.46</b>	3W	3/32	29/32	1 11/32	17/32	2.90
5.00	5.40	5.75	<b>MBL57</b>	BK60H	<b>26.76</b>	5A	3/32	29/32	1 11/32	17/32	2.45
5.20	5.60	5.95	<b>MBL59</b>	BK62H	<b>28.20</b>	5A	3/32	29/32	1 11/32	17/32	2.80
5.50	5.90	6.25	<b>MBL62</b>	BK65H	<b>30.08</b>	5A	3/32	29/32	1 11/32	17/32	2.70
5.70	6.10	6.45	<b>MBL64</b>	BK67H	<b>30.96</b>	5A	3/32	29/32	1 11/32	17/32	2.80
6.00	6.40	6.75	<b>MBL67</b>	BK70H	<b>32.04</b>	5A	3/32	29/32	1 11/32	17/32	3.00
6.20	6.60	6.95	<b>MBL69</b>	BK72H	<b>33.52</b>	5A	3/32	29/32	1 11/32	17/32	3.60
6.50	6.90	7.25	<b>MBL72</b>	BK75H	<b>34.92</b>	5A	3/32	29/32	1 11/32	17/32	3.45
6.70	7.10	7.45	<b>MBL74</b>	BK77H	<b>35.36</b>	5A	3/32	29/32	1 11/32	17/32	3.65
7.00	7.40	7.75	<b>MBL77</b>	BK80H	<b>35.96</b>	5A	3/32	29/32	1 11/32	17/32	3.80
7.50	7.90	8.25	<b>MBL82</b>	BK85H	<b>39.92</b>	5A	3/32	29/32	1 11/32	17/32	4.55
8.00	8.40	8.75	<b>MBL87</b>	BK90H	<b>42.48</b>	5A	3/32	29/32	1 11/32	17/32	5.10
8.50	8.90	9.25	<b>MBL92</b>	BK95H	<b>45.68</b>	5A	3/32	29/32	1 11/32	17/32	5.30
9.00	9.40	9.75	<b>MBL97</b>	BK100H	<b>47.44</b>	5A	3/32	29/32	1 11/32	17/32	5.80
9.50	9.90	10.25	<b>MBL102</b>	BK105H	<b>48.36</b>	5A	3/32	29/32	1 11/32	17/32	5.50
10.00	10.40	10.75	<b>MBL107</b>	BK110H	<b>52.16</b>	5A	3/32	29/32	1 11/32	17/32	5.85
10.50	10.90	11.25	<b>MBL112</b>	BK115H	<b>53.80</b>	5A	3/32	29/32	1 11/32	17/32	7.20
11.00	11.40	11.75	<b>MBL117</b>	BK120H	<b>57.72</b>	5A	3/32	29/32	1 11/32	17/32	6.59
12.00	12.40	12.75	<b>MBL127</b>	BK130H	<b>63.16</b>	5A	3/32	29/32	1 11/32	17/32	7.90
13.00	13.40	13.75	<b>MBL137</b>	BK140H	<b>71.64</b>	5A	3/32	29/32	1 11/32	17/32	10.15
14.00	14.40	14.75	<b>MBL147</b>	BK150H	<b>77.80</b>	5A	3/32	29/32	1 11/32	17/32	13.25
15.00	15.40	15.75	<b>MBL157</b>	BK160H	<b>83.72</b>	5A	3/32	29/32	1 11/32	17/32	16.05
18.00	18.40	18.75	<b>MBL187</b>	BK190H	<b>114.52</b>	5A	3/32	29/32	1 11/32	17/32	12.45



TYPE 1



TYPE 3



TYPE 5

P.D. for "A" (4L) Belts = Datum.Dia. + 0.35" = O.D. - 0.40"

P.D. for "B" (5L) Belts = O.D.

\* Dimensions to closest fraction

Legend: "E" and "M" dimensions may vary according to shaft tolerance.

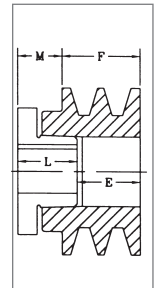
MBL Series use "L" bushing. With "L" bushing only reverse mounting is possible, see page 11.

# 2MBL (A-B V-BELTS)

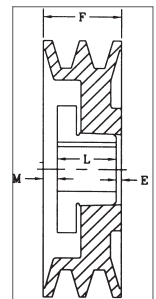
Warehouse Innovation  
Color-coded product labels for easy stock retrieval on shelves

## 2 GROOVES

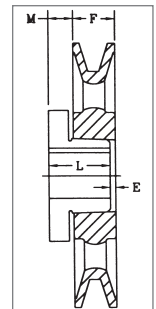
D.D		O.D.	Part No	Cross Refer.	List Price \$	Type	Dimensions*				Wt (lbs)
"A" Belts	"B" Belts						E	F	L	M	
2.40	2.80	3.15	-	-	-	-	-	-	-	-	-
2.60	3.00	3.35	<b>2MBL33</b>	2BK32H	<b>39.56</b>	2B	1 3/8	1 3/4	1 11/32	31/32	2.35
2.80	3.20	3.55	<b>2MBL35</b>	2BK34H	<b>39.84</b>	2B	1 3/8	1 3/4	1 11/32	31/32	2.55
3.00	3.40	3.75	<b>2MBL37</b>	2BK36H	<b>40.64</b>	2B	1 3/8	1 3/4	1 11/32	31/32	3.00
3.20	3.60	3.95	<b>2MBL39</b>	2BK40H	<b>41.04</b>	2B	15/16	1 3/4	1 11/32	17/32	2.80
3.50	3.90	4.25	<b>2MBL42</b>	2BK45H	<b>42.08</b>	2B	15/16	1 3/4	1 11/32	17/32	3.25
3.70	4.10	4.45	<b>2MBL44</b>	2BK47H	<b>46.36</b>	2B	15/16	1 3/4	1 11/32	17/32	3.35
4.00	4.40	4.75	<b>2MBL47</b>	2BK50H	<b>47.24</b>	4W	3/32	1 3/4	1 11/32	5/16	3.85
4.20	4.60	4.95	<b>2MBL49</b>	2BK52H	<b>48.44</b>	4W	3/32	1 3/4	1 11/32	5/16	4.00
4.50	4.90	5.25	<b>2MBL52</b>	2BK55H	<b>52.44</b>	4W	3/32	1 3/4	1 11/32	5/16	4.40
4.70	5.10	5.45	<b>2MBL54</b>	2BK57H	<b>53.32</b>	4W	3/32	1 3/4	1 11/32	5/16	4.95
5.00	5.40	5.75	<b>2MBL57</b>	2BK60H	<b>54.52</b>	4W	3/32	1 3/4	1 11/32	5/16	5.30
5.20	5.60	5.95	<b>2MBL59</b>	2BK62H	<b>55.24</b>	4W	3/32	1 3/4	1 11/32	5/16	5.80
5.50	5.90	6.25	<b>2MBL62</b>	2BK65H	<b>59.56</b>	6A	1/16	1 3/4	1 11/32	11/32	5.40
5.70	6.10	6.45	<b>2MBL64</b>	2BK67H	<b>60.60</b>	6A	1/16	1 3/4	1 11/32	11/32	5.85
6.00	6.40	6.75	<b>2MBL67</b>	2BK70H	<b>62.24</b>	6A	1/16	1 3/4	1 11/32	11/32	5.55
6.20	6.60	6.95	<b>2MBL69</b>	-	<b>64.60</b>	6A	1/16	1 3/4	1 11/32	11/32	6.65
6.50	6.90	7.25	-	-	-	-	-	-	-	-	-
6.70	7.10	7.45	-	-	-	-	-	-	-	-	-
7.00	7.40	7.75	<b>2MBL77</b>	2BK80H	<b>72.28</b>	6A	1/16	1 3/4	1 11/32	11/32	6.85
7.50	7.90	8.25	-	-	-	-	-	-	-	-	-
8.00	8.40	8.75	<b>2MBL87</b>	2BK90H	<b>73.64</b>	6A	1/16	1 3/4	1 11/32	11/32	9.65
8.50	8.90	9.25	-	-	-	-	-	-	-	-	-
9.00	9.40	9.75	<b>2MBL97</b>	2BK100H	<b>85.48</b>	6A	1/16	1 3/4	1 11/32	11/32	9.20
9.50	9.90	10.25	-	-	-	-	-	-	-	-	-
10.00	10.40	10.75	<b>2MBL107</b>	2BK110H	<b>92.60</b>	6A	1/16	1 3/4	1 11/32	11/32	12.80
10.50	10.90	11.25	-	-	-	-	-	-	-	-	-
11.00	11.40	11.75	<b>2MBL117</b>	2BK120H	<b>105.76</b>	6A	1/16	1 3/4	1 11/32	11/32	14.65
12.00	12.40	12.75	<b>2MBL127</b>	2BK130H	<b>113.64</b>	6A	1/16	1 3/4	1 11/32	11/32	14.15
13.00	13.40	13.75	<b>2MBL137</b>	2BK140H	<b>128.60</b>	6A	1/16	1 3/4	1 11/32	11/32	14.95
15.00	15.40	15.75	<b>2MBL157</b>	2BK160H	<b>134.92</b>	6A	1/16	1 3/4	1 11/32	11/32	18.70
18.00	18.40	18.75	<b>2MBL187</b>	2BK190H	<b>151.40</b>	6A	1/16	1 3/4	1 11/32	11/32	24.20



TYPE 2



TYPE 4



TYPE 6

SHEAVES

P.D. for "A" Belts = Datum.Dia. + 0.35" = O.D. - 0.40" P.D. for "B" Belts = O.D.

\* Dimensions to closest fraction

Legend: "E" and "M" dimensions may vary according to shaft tolerance.

MBL Series use "L" bushing. With "L" bushing only reverse mounting is possible, see page 11.



# FRACTIONAL HORSEPOWER SERIES (F.H.P.): MFAL (FIXED BORE A & 4L V-BELT SERIES)

SHEAVES



## DID YOU KNOW THAT...

- Stock items include one set screw with standard keyseat
- Bulk packaged 10 per carton (broken package add 25%)
- MFAM 144 bulk packaged 5 per carton (broken package add 25%)

## IMPORTANT REMINDER



**CAUTION: DO NOT** use "A" gripnotch belts ratings with MFAL and MFAM sheaves.

## HOW TO ORDER

EXAMPLE: **MFAL104X3/4**

**M**

**FAL**

**104**

**X3/4**

**M:** MASKA LIGHT DUTY FAMILY

**FAL:** FRACTIONAL HORSEPOWER SERIE

**104:** OUTSIDE DIAMETER (10")\* (REFER TO THE DIMENSIONS TABLE FOR EXACT VALUE)

**X3/4:** BORE SIZE (3/4")