

INCH-POUND

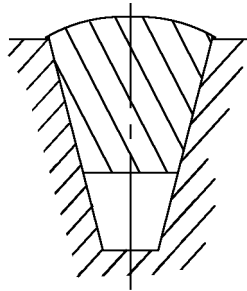
MS51066F
w/ AMENDMENT 2
20 June 2023
SUPERSEDING
MS51066F
w/ AMENDMENT 1
31 March 2020

DETAIL SPECIFICATION SHEET

BELTS, V: ENGINE ACCESSORY DRIVE (0.500 INCH WIDTH)

This specification is approved for use by all Departments
and Agencies of the Department of Defense

The requirements for acquiring the product described herein shall consist of this specification sheet
and MIL-DTL-11040.



Dash no.	Effective length		Dash no.	Effective length		Dash no.	Effective length		Dash no.	Effective length	
	Inches	mm		Inches	mm		Inches	mm		Inches	mm
-20	20	508.0	-31	31	787.4	-42	42	1066.8	-54	54	1371.6
-21	21	533.4	-32	32	812.8	-43	43	1092.2	-55	55	1397.0
-22	22	558.8	-33	33	838.2	-44	44	1117.6	-56	56	1422.4
-23	23	584.2	-34	34	863.6	-45	45	1143.0	-57	57	1447.8
-24	24	609.6	-35	35	889.0	-46	46	1168.4	-58	58	1473.2
-25	25	635.0	-36	36	914.4	-47	47	1193.8	-59	59	1498.6
-26	26	660.4	-37	37	939.8	-48	48	1219.2	-60	60	1524.0
-27	27	685.8	-38	38	965.2	-49	49	1244.6	-62	62	1574.8
-28	28	711.2	-39	39	990.6	-50	50	1270.0	-64	64	1625.6
-29	29	736.6	-40	40	1016.0	-51	51	1295.4	-66	66	1676.4
-30	30	762.0	-41	41	1041.4	-52	52	1320.8	-74	74	1879.6
						-53	53	1346.2	-76	76	1930.4

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.

FIGURE 1. V, belt: engine accessory drive.

AMSC N/A

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

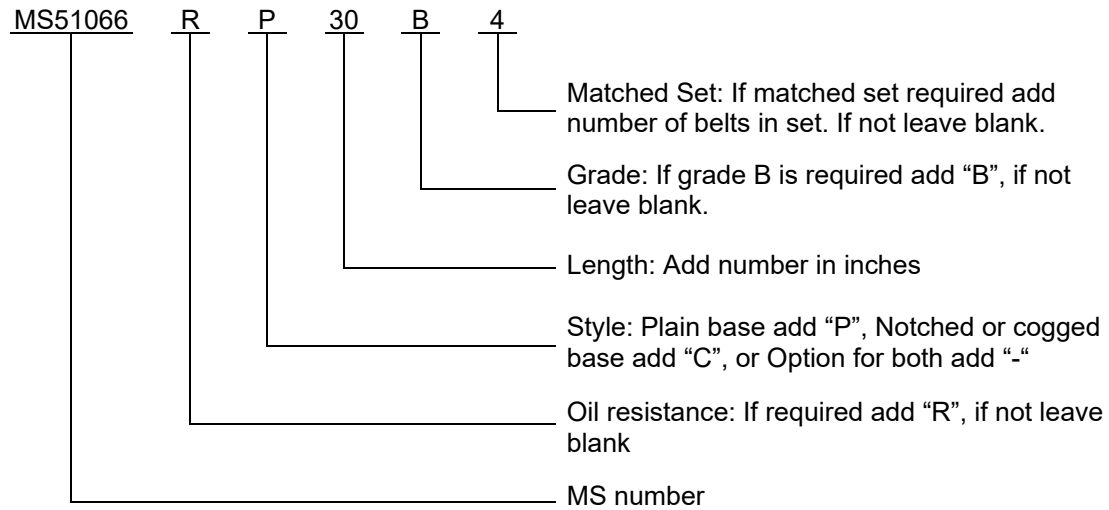
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Requirements

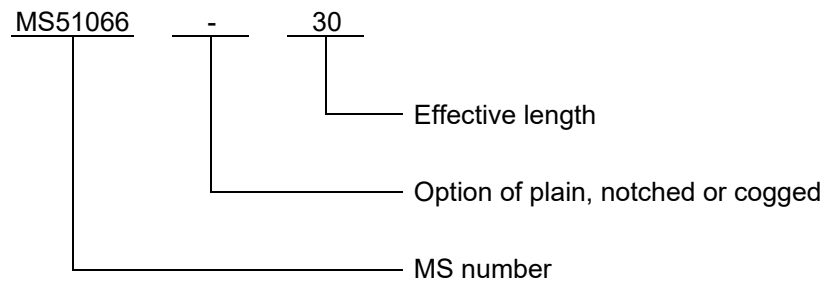
Part or Identifying Number (PIN):



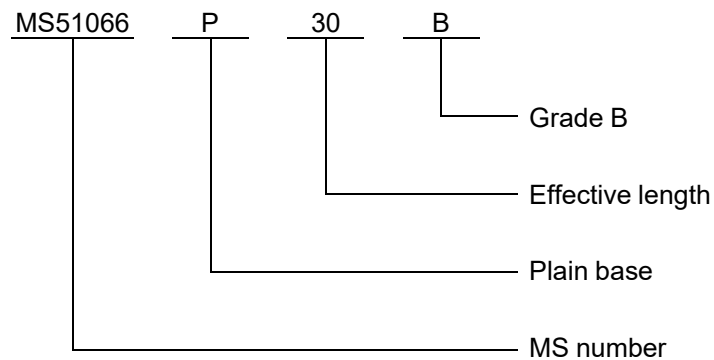
PIN Examples:

Single belt, PIN's

Option of plain, notched or cogged, grade A

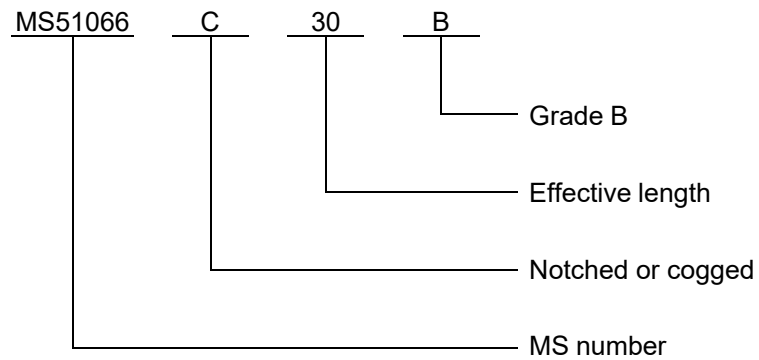


Single belt, plain based, grade B



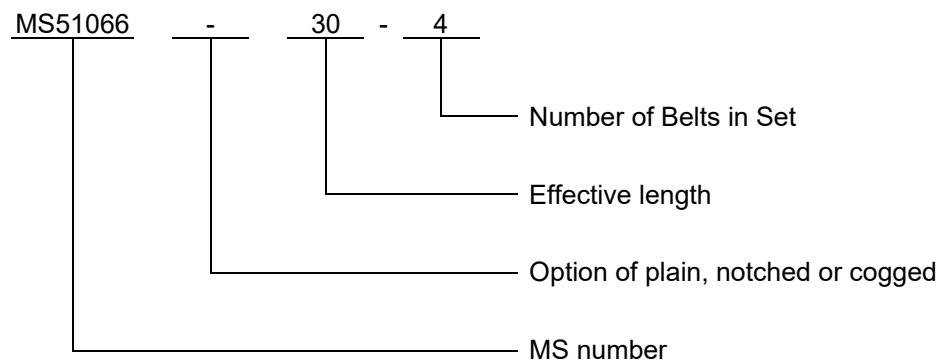
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Single belt, notched or cogged base "C", grade B

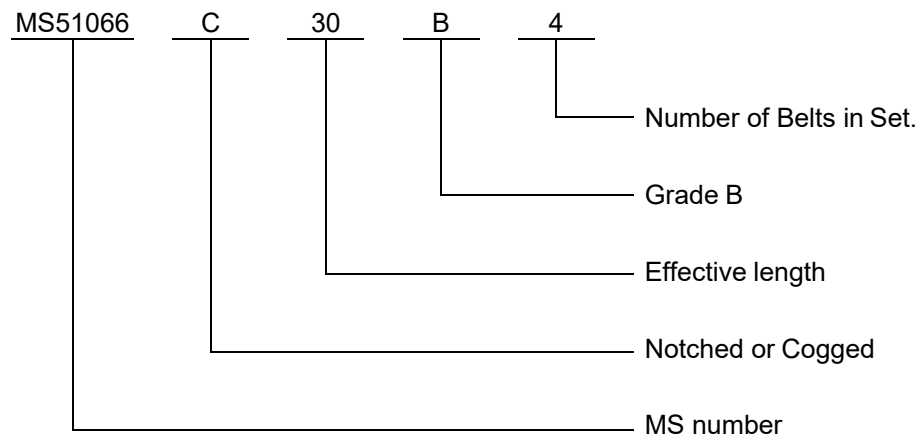


Matched set of belts, PIN configurations:

Option of plain, notched or cogged, grade A



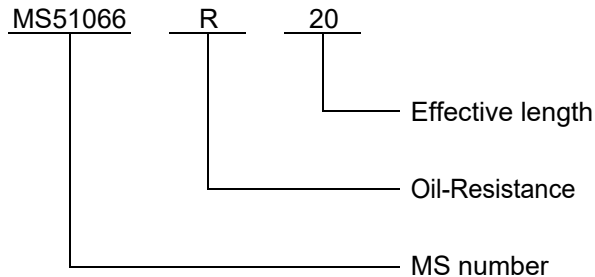
Matched set of belts, notched or cogged base "C", grade B



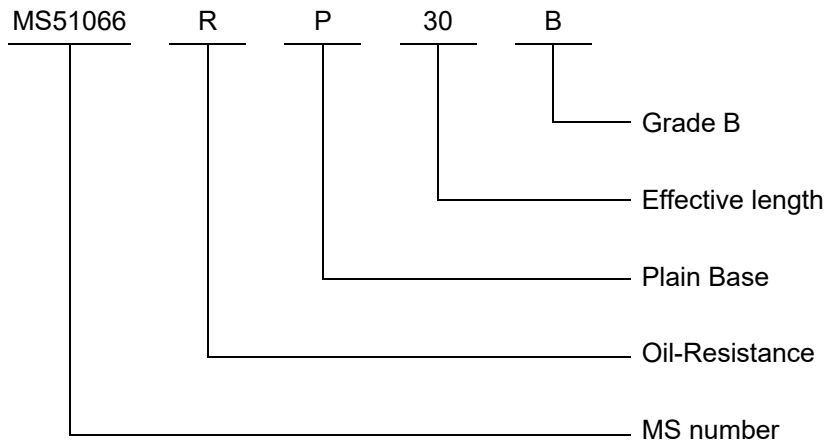
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Oil-resistance: As specified in MIL-DTL-11040 when oil-resistance is specified, the PIN shall include the letter "R".

Single belt, Option of plain, notched or cogged, grade A



Single belt, plain base "P", grade B



Belt length: As specified and are in terms of effective length as measured in accordance with the acquisition specification. These lengths cannot be compared to inside or outside circumference measurements.

Configuration: Plain and notched (cogged) base belts are completely interchangeable on most drives when a plain or notched (cogged) base belt is specifically required. The user shall forward to the procuring activity information to substantiate the particular base configuration drive configuration, pulley sizes, rpm of driver pulley, horsepower requirements of each driven pulley, ambient temperature in which belt must operate, item belt is used on, and other pertinent information.

Temperature: MS51066 belts (MIL-DTL-11040) are -31°F (-35°C) use belts, if -31°F is not a requirement of the end item, do not use this specification, conform to A-A-52155 belts.

Dimensions: See figure 1.

Order of precedence. Unless otherwise noted herein or in the contract, in the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

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Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

Referenced documents. In addition to MIL-DTL-11040, this document references the following:

A-A-52155

CONCLUDING MATERIAL

Custodians:

Army - AT
Navy - YD
Air Force - 71
DLA - CC

Preparing activity:
DLA - CC

(Project 3030-2023-002)

Review activities:

Army - AR
Navy - AS, MC, SH

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online data at <https://assist.dla.mil>.