

INCH-POUND

MIL-DTL-52525/23B  
30 June 1998  
SUPERSEDING  
MIL-F-52525/23A  
30 June 1987

DETAIL SPECIFICATION SHEET

FITTINGS, HOSE, CLAMP-ON TO 4-BOLT  
SPLIT-FLANGE, STRAIGHT, TYPE 100R10

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

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-52525. The fittings described herein are for use with MIL-DTL-52471, type 100R10, 4-spiral-wrap hose.

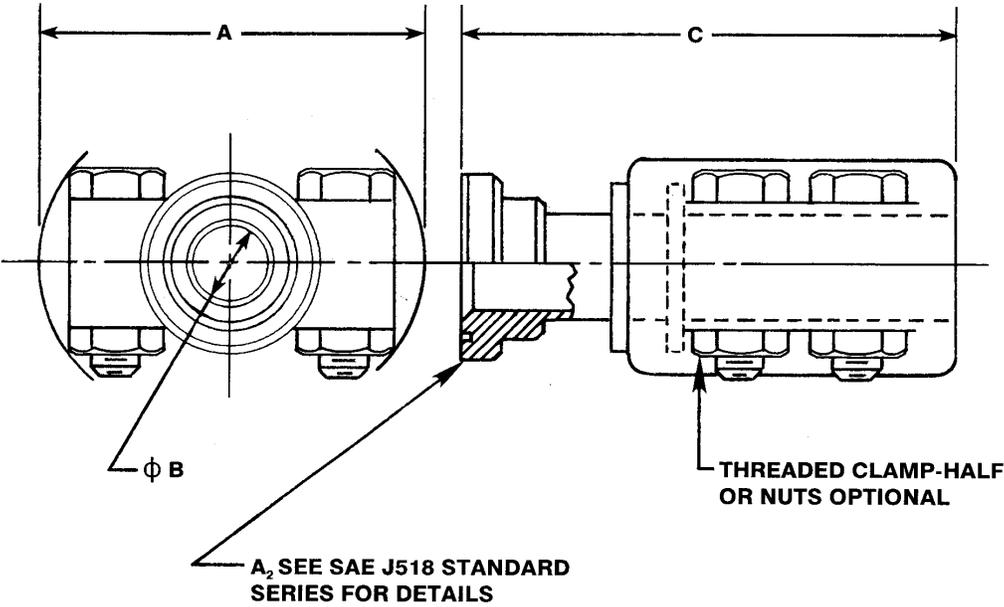


FIGURE 1. Fitting, clamp-on to 4-bolt split-flange, straight.

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TABLE I. Dimensions for type 100R10 fittings, straight.

Part number	Hose size	Hose dash size	A <sub>2</sub> Flange size	Flange dash size	A Max	B Min	C Max
M52525/23-16-16	1	16	1	16	4.69	0.75	5.06
M52525/23-20-20	1-1/4	20	1-1/4	20	4.96	1.00	5.55
M52525/23-24-24	1-1/2	24	1-1/2	24	5.50	1.25	6.13
M52525/23-32-32	2	32	2	32	6.68	1.68	6.91

TABLE II. Maximum operating pressures of fittings.

Hose I.D.	PSI
1	4000
1-1/4	3000
1-1/2	2500
2	2500

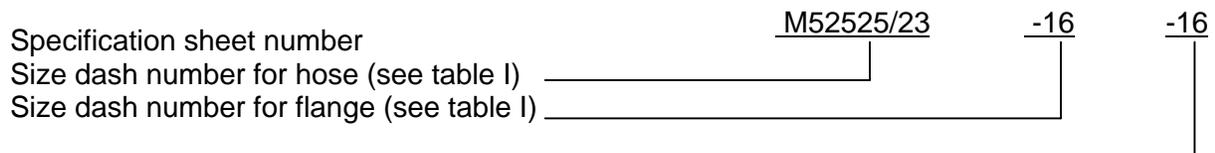
REQUIREMENTS:

1. Fittings shall be in accordance with figure 1 and tables I and II.
2. Materials and finishes shall be as specified in MIL-DTL-52525.
3. Marking shall include the manufacturer's name or trademark, size, and hose identifier R10. Location of marking is optional.

NOTES:

1. Dimensions are in inches.
2. Part number.

Example of a Military part number: M52525/23-16-16



MIL-DTL-52525/23B

CONCLUDING MATERIAL

Custodian:  
Army - AT  
Air Force - 99

Preparing activity:  
DLA - CC

(Project 4730-0859-18)

Review activities:  
Air Force - 82  
Army - AR