

LMUK Ampthill

Materials Database Supplier Guide

Introduction

Lockheed Martin UK – Ampthill have developed Classification Codes for various materials. This is to allow the Supplier to have options on what they choose to supply based on a drawing’s material.

Classification

Codes are split into three groups.

Suppliers need to match the first two groups exactly. If the Third and final group says ‘.0’ then any of the materials which have the same first two group values can be selected.

i.e. for the example below MSS.1.1, MSS.1.2, MSS.1.3 etc can all be used from the latest PDF.

Material Group	.	Material Subgroup	.	Specific Material Identifier
MSS	.	1	.	0

However, should MSS.1.1 be written on the drawing then you must supply the material MSS.1.1.

If you require a material adding, or wish to use a different material, then please contact your LMUK Ampthill contact as you would currently to request the use of a different material.

Example 1

If MSS.1.0 was displayed on a drawing, then from the following list MSS.1.1, MSS.1.2 can be used. The rest cannot be used because they do not match the first two subgroups (the MSS.1 section is not matching; this must always match)

MSS.1.0					
MSS.1.1	S355JR	BS EN 10025-2 2019		1.0045	D ≤ 16mm
MSS.1.2	50B	BS 4360			≥40 ≤50
MSS.2.0					
MSS.2.1	S355 J2	BS EN 10025-2 2019		1.0577	D ≤ 16mm
MSS.2.2	S355 K2	BS EN 10025-2 2019		1.0596	D ≤ 16mm
MSS.2.3	S355MC	BS EN 10149-2		1.0976	
MSS.2.4	25CrMo4	BS EN 10083-3	+QT	1.7218	d ≤ 16mm t ≤ 8mm
MSS.3.0					
MSS.3.1	C40	BS EN 10083-2	+N	1.0511	d ≤ 16mm t ≤ 8mm
MSS.3.2	C40E	BS EN 10083-2	+N	1.1186	d ≤ 16mm t ≤ 8mm
MSS.3.3	C40R	BS EN 10083-2	+N	1.1189	d ≤ 16mm t ≤ 8mm
MSS.3.4	EN 8	BS 970:1955	+N		
MSS.3.5	080M40	BS 970:1991			≥6 ≤150

Example 2

If MSS.1.1 was displayed on a drawing, then only MSS.1.1 (S355JR) can be used. No other material is acceptable without further agreement from LMUK- Ampthill.