



Knowledge Bites

A Guide to RBM Material Codes

Medium Carbons

The structure of a Medium Carbons material code contains the same 5 separate segments as standard mesh & wire rod grades

Product	=	2 Alpha Characters
Grade	=	5 Alpha/Numeric Characters
Diameter	=	3 Numeric Characters
Bundle Size	=	1 Alpha Character
Production Status	=	2 Numeric Characters

As in wire rod and mesh grades the Product code element is designated as **WA**.

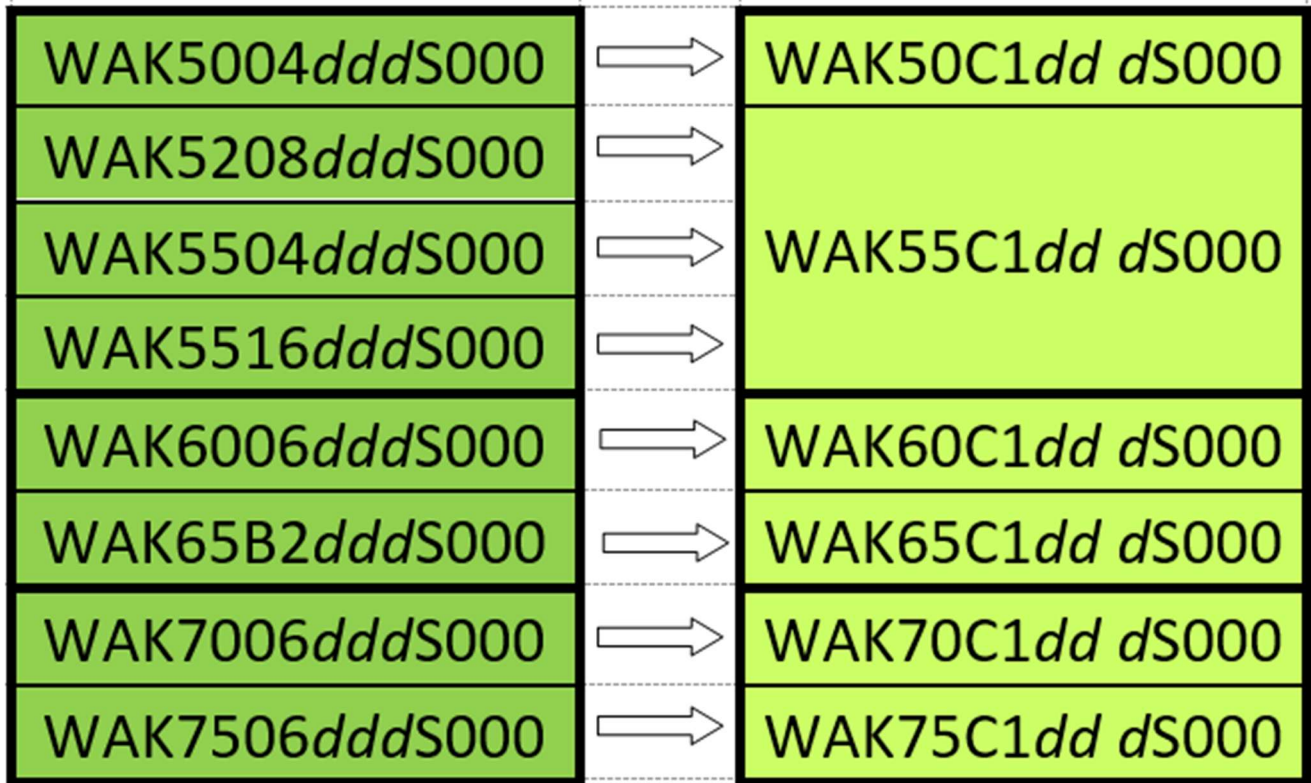
The Grade element for Medium carbons has been designated as the highest level of carbon approved for that material code.

Product Code	Description	C	Mn
WAK5504055S000	K55M-BS 5.5	.50 / .55	.60 / .70
WAK7006055S000	K70M 5.5 S	.65 / .70	.60 / .75
WAK7506055S000	K75M-BS 5.5	.71 / .75	.65 / .75

A number of codes are currently in use as result of customer / supplier relationships established within the industry.

Drawing material is considered the top grade and can be supplied to any of our wire drawing customers, whilst Forming grade material, a step down from the Drawing grade can only be supplied to a specified set of customers.

This is a small sample of how the grading system will work.



The predominant diameter in the manufacture of medium carbons is 5.5mm. The **Diameter** element of the material code consists of three digits, the third digit being the single decimal place. Note there is no decimal point in the material code.

The Bundle Size and Production match the status of mesh and wire rod coils in that they are predetermined codes within the Celsa SAP system globally.

The **Bundle Size** for the RBM is categorised as **S** indicating standard coil (we currently do not use any other indicators for differing size/weight coils). The **Production Status** for the RBM can be either **000** indicating the term 'usual' and referring to an acceptable standard or presentation of the coil, or **900** which indicates a multiple end coil, normally a seconds grade coil.