

The following diagram describes the breakdown of the bar code structure. This diagram briefly explains the importance that each field holds when it is processed by our system.

TW Metals Barcode Structure

<u>Field</u>	<u>Length of Field</u>	<u>Field Description</u>	<u>Explanation of Field Description</u>
1 – TW PO#	8, 0	1 – TW PO#	TW Metals purchase order #.
2 – Country of Origin	3	2 – Country of Origin	The country the material originated from.
3 – Freight info. for Collect & Prepaid Shipments	15	3 – Freight info. for Collect & Prepaid Shipments a – Terms b – Carrier (SCAC Code) c – Weight d – BOL#	Freight information pertaining to shipments that are sent either collect, (monies due upon arrival), or prepaid, (monies paid in full prior to material being shipped). The freight information should contain the terms of the PO, the Carrier's SCAC code, the weight of the shipment & the bill of lading number.
4 – Freight Carrier SCAC Code	4	4 – Freight Carrier SCAC Code	The SCAC code is a 4 letter code that is used to identify various shipping carriers, frequently used in EDI & other documents.
5 – Carrier BOL#	15	5 – Carrier BOL#	The incoming carrier's bill of lading number.
6 – Ttl. Order Gross Weight	10, 3	6 – Ttl. Order Gross Weight	The total gross weight of the shipment by order number.
7 – Partial or Complete Status	1	7 – Partial or Complete Status	If the purchase order is a partial, (only a portion of the material was shipped), or complete, (if all the material was shipped at the same time).
8 –TW PO Line #	4, 0	8 – TW PO Line # material.	TW Metals line number corresponding to incoming
9 – Length	9, 4	9 – Length	The specific length of the incoming material.
10 – Minimum Length	9, 4	10 – Minimum Length	The minimum length of the incoming material.
11 – Maximum Length	9, 4	11 – Maximum Length	The maximum length of the incoming material.
12 – Total line qty & UOM	10, 3 & 3	12 – Total line qty & UOM	Number of pieces for the specific line and the unit of measure that they are being shipped by.
13 – Qty. by Heat # & UOM	10, 3 & 3	13– Qty. by Heat # & UOM	Qty of the incoming material by heat number & the unit of measure that they are being shipped by. – if more than one heat is packaged within the box/bundle there will be more than one label – one for each heat.
14 – Heat #	15	14 Heat #	The specific heat number or numbers of the incoming material.

Please Note: It would be best to have the label on each end of the package and one included with the packing list. The one with the packing list will serve two purposes. The first being if labels are damaged in transit and the second, if the package is too small to accommodate a bar code we will have it with the packing list.