

QLA - USP Dissolution Baskets



Certified Quality

QLA’s USP Dissolution Baskets have been designed to meet the highest quality standards. Our baskets are made from 316 stainless steel and electropolished to insure maximum corrosion resistance, and individually serialized. QLA’s USP Baskets are made from Premium Sintered Wire Cloth to improve structural integrity and to provide maximum service life. QLA’s USP Baskets are 100% inspected on an Optical Comparator and are guaranteed to provide 0.4 mm maximum total runout between the mounting bore and the lower rim. This feature is a critical component of the USP requirement which states: *“Maximum allowable runout at A (lower rim) is ± 1.0 mm when the part is rotated on centerline axis with basket mounted.”*

NOTE: USP 30-NF25 is harmonized with European and Japanese Pharmacopeia and specifies: “0.25-0.31mm wire diameter and with wire openings of 0.36-0.44mm”. QLA 40 mesh Baskets are certified to meet this requirement.

About Sintering

Sintering is a Heat Treat process which is performed on the wire cloth prior to fabrication. Large sheets of wire cloth are heated to extremely high temperatures while being pressed under high pressure. This results in welded joints at all wire overlaps. Un sintered baskets rely on the initial weaving tension of the wire cloth for structural strength. Over time, un sintered baskets lose the initial weave tension due to normal use and handling. Dissolution Baskets which have lost the initial weave tension are structurally weak and may become deformed. Weakened baskets are dimensionally unstable and often fail to comply with the requirements of the U.S. Pharmacopeia.

Ordering Information:

Hanson		Distek		Varian		Erweka	
BSK040-HR	40 mesh	BSK040-DK	40 mesh	BSK040-01	40 mesh	BSK040-EW	40 mesh
BSK020-HR	20 mesh	BSK020-DK	20 mesh	BSK020-01	20 mesh	BSK020-EW	20 mesh
BSK010-HR	10 mesh	BSK010-DK	10 mesh	BSK010-01	10 mesh	BSK010-EW	10 mesh

Other mesh sizes and PTFE coating are available – Contact QLA for any special requirements.