

DOWEL BASKETS

Dowel bars with support basket that provide load transfer between concrete slabs

APPLICATIONS

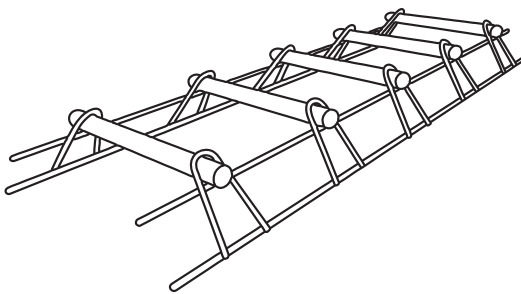
- ▶ Dowel basket for contraction joints in concrete pavements.
- ▶ Mainly used in Highway or Department of Transportation (DOT) projects.
- ▶ Connect different sections of concrete, alleviating some of the stresses transferred in slab joints.

FEATURES

- ▶ Grade 60 hot rolled smooth round steel bars.
- ▶ Steel frame of Grade 85 cold rolled deformed wires to support the dowels.

BENEFITS

- ▶ Smooth round steel bars with a precise cut of their ends that does not leave burrs and allows the longitudinal movement of the dowel.
- ▶ Rigid wire structure that guarantees vertical and horizontal position and spacing of the dowels according to the project.
- ▶ Reduce labor with projects, since the spacing of the dowels is already provided.
- ▶ Clearance is automatically provided for.



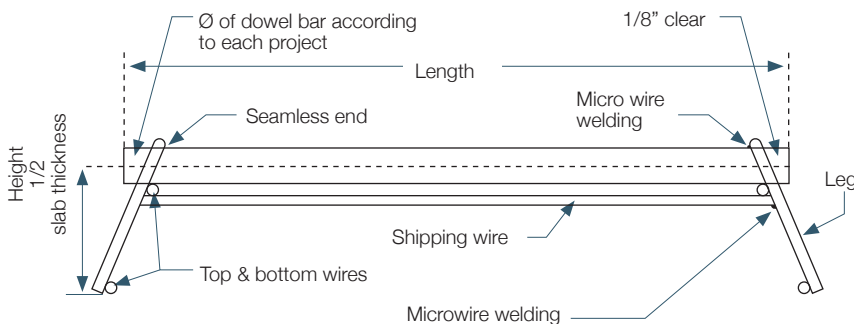
DOWEL BASKET SPECIFICATIONS –

Design	Height in	Diameter in mm		Length in	Spacing in	Area in ²
DB-7/18-1.5-12-11	7	1 1/2	38.1	18	12	1.77
DB-6/18-1.5-12-11	6	1 1/2	38.1	18	12	1.77
DB-5/18-1.5-12-11	5	1 1/2	38.1	18	12	1.77

11 feet Basket Length

BASKET SPECIFICATIONS

5/16" Deformed Top & Bottom support wires	Grade 85
1/4" Deformed Leg wire	Grade 85
1/4" Deformed Shipping wire	Grade 85
* Length according to each project	



MECHANICAL PROPERTIES –

Grade	Yield strength psi	Tensile strength psi
60	60,000	90,000
85	85,000	100,000

Display: 15 pieces bundle

MANUFACTURING STANDARDS: ASTM A 615 (Dowels)