### **DURA-BLOK**<sup>™</sup> Rooftop Supports



Our DURA-BLOK products gives you a versatile and long-term solution for all your roof top support needs. Designed with flexibility in mind, DURA-BLOK is ideal for roof top support applications such as pipe, HVAC, duct, conduit, cable tray, and roof walkways.

Manufactured to provide years of service in harsh, roof top environments, DURA-BLOK is made from 100% recycled rubber, require no supplemental rubber pads, and will not float or blow away. 1" (25.4) gaps between blocks allow water to flow freely around longer assemblies. For added strength, the DURA-BLOK support channel is through bolted on all sizes. For added visibility, a reflective strip is incorporated on both sides of each DURA-BLOK.

Beyond product durability, DURA-BLOK helps to dampen vibration, are not sharp or abrasive and require no roof penetration to maximize existing roof life - and roof structural and environmental integrity.

#### Recommended Torque (In channels)

Bolt Size	1/4"-20	<sup>5</sup> /16"-18	<sup>3</sup> /8"-16	1/2"-13
Foot/Lbs.	6	11	19	50
Nm	8	15	26	68

Bolt Size	M6x1	M8 x1.25	M10 x 1.5	M12x1.75
Nm	12	17	36	62
Foot/Lbs.	9	13	27	46

#### **Materials & Finishes**

See appropriate fitting pages.

Alternative finishes available upon request.

#### Metric

Metric dimensions are shown in parentheses. Unless noted, all metric dimensions are in millimeters.



153 Strut Systems

#### **Support Bases Only**

- Base only see chart for height, width and length.
- 100% recycled rubber, UV resistant.
- Load Rating Ultimate Uniform Load (See Chart Below)\*
- DURA-BLOK channel support is designed as an economical support for piping systems, cable tray, HVAC equipment and many other applications. The DURA-BLOK is UV resistant and suitable for any type of roofing material or other flat surfaces. Material effectively accepts screw fasteners for securing accessories.

Part No.	Height x Width x Length In. mm		Wt./Each Lbs. kg	Load Rating Lbs. kN	
DBM	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	2.35 (1.07)	200	(0.89)
DBP	4" x 6" x 9.6"	(101.6 × 152.4 × 243.8)	4.48 (2.03)	500	(2.22)





#### **DB Series - Support Bases with B44 Channel**

- Base with 14 ga. (1.9mm) galvanized channel 1" high (25.4mm) see chart for height, width and length.
- 100% recycled rubber, UV resistant.
- Load Rating Ultimate Uniform Load (See Chart Below)\*
- DURA-BLOK DB-Series channel support is designed for superior support of
  piping systems, cable tray, HVAC equipment, walkway systems and many other
  applications. The DURA-BLOK is UV resistant and suitable for installation on any
  type of roofing material or other flat surfaces. (For pipe straps/clamps, rollers and
  roller supports that can be used with these DURA-BLOK supports, see page 159)
- For sloped roofs use B634 adjustable hinge fittings (see page 85).

Part No.	Height x In.	Width x Length mm	Wt./Each Lbs. kg	Load Rating Lbs. kN
DB5	5" x 6" x 4.8"	(127.0 x 152.4 x 121.9)	2.75 (125)	200 (0.89)
DB10	5" x 6" x 9.6"	(127.0 x 152.4 x 243.8)	5.28 (2.39)	500 (2.22)
DB20	5" x 6" x 20.2"	(127.0 x 152.4 x 513.1)	10.63 (4.82)	1000 (4.45)
DB30	5" x 6" x 30.8"	(127.0 x 152.4 x 782.3)	15.99 (7.25)	1500 (6.67)
DB40	5" x 6" x 41.4"	(127.0 x 152.4 x 1051.5)	21.34 (9.68)	2000 (8.89)
DB48	5" x 6" x 52.0"	(127.0 x 152.4 x 1320.8)	26.70 (12.40)	2500 (11.12)







#### **DB6 Series - Support Base with B12 Channel**

- Base with 12 ga. (2.6mm) galvanized channel 2<sup>7</sup>/16" high (61.9mm) see chart for height, width and length.
- 100% recycled rubber, UV resistant.
- Load Rating Ultimate Uniform Load (See Chart Below)\*
- DURA-BLOK DB-Series channel support is designed for superior support of piping systems, cable tray, HVAC equipment, walkway systems and many other applications. The DURA-BLOK is UV resistant and suitable for installation on any type of roofing material or other flat surfaces. (For pipe straps/clamps, rollers and roller supports that can be used with these DURA-BLOK supports, see page 159)
- For sloped roofs use B634 adjustable hinge fittings (see page 85).

Part No.	Height x V In.	Vidth x Length mm	Wt./E Lbs.	ach kg	Load I Lbs.	Rating kN
DB610	6 <sup>7</sup> /16" x 6" x 9.6"	(163.5 x 152.4 x 243.8)	6.36	(2.88)	500	(2.22)
DB620	6 <sup>7</sup> /16" x 6" x 20.2"	(163.5 x 152.4 x 513.1)	12.90	(5.85)	1000	(4.45)
DB630	6 <sup>7</sup> /16" x 6" x 30.8"	(163.5 x 152.4 x 782.3)	19.45	(8.82)	1500	(6.67)
DB640	6 <sup>7</sup> /16" x 6" x 41.4"	(163.5 x 152.4 x 1051.5)	26.00 (	11.79)	2000	(8.89)
DB648	6 <sup>7</sup> /16" x 6" x 52.0"	(163.5 x 152.4 x 1320.8)	32.55 (	14.76)	2500	(11.12)

<sup>\*</sup> **General Note:** Consult roofing manufacturer or engineer for roof load capacity.

The weakest point may be the insulation board beneath the rubber membrane.









### DB10 SERIES Support Bases with B22 Channel

- Two (2) bases bridged with 12 ga. (2.6mm) galvanized channel 15/8" high (41.3mm) see chart for height, width and length.
- 100% recycled rubber, UV resistant.
- Load Rating: 1000 lbs. (4.45kN) (Uniform Load)\*
- DURA-BLOK DB10-Series channel support is designed for superior support of piping systems, cable tray, HVAC equipment, walkway systems and many other applications. The DURA-BLOK is UV resistant and suitable for installation on any type of roofing material or other flat surfaces. (For pipe straps/clamps, rollers and roller supports that can be used with these DURA-BLOK supports, see page 159)



Part No.	Height x W	Wt./I Lbs.	Each kg	
DB10-28	5 <sup>5</sup> /8" x 6" x 28"	(142.9 x 152.4 x 711.2)	13.16	(5.97)
DB10-36	5 <sup>5</sup> /8" x 6" x 36"	(142.9 x 152.4 x 914.4)	14.36	(6.51)
DB10-42	5 <sup>5</sup> /8" x 6" x 42"	(142.9 x 152.4 x 1066.8)	15.52	(7.04)
DB10-50	5 <sup>5</sup> /8" x 6" x 50"	(142.9 x 152.4 x 1270.0)	16.45	(7.46)
DB10-60	5 <sup>5</sup> /8" x 6" x 60"	(142.9 x 152.4 x 1524.0)	17.94	(8.14)



### DBM SERIES Support Base with Riser Rod & Clamp

- Base with <sup>3</sup>/<sub>8</sub>"-16 threaded rod and B3198H clamp see chart for height, width and length
- 100% recycled rubber, UV resistant.
- Load Rating" 50 lbs. (0.22kN) (Ultimate Load)\*
- DURA-BLOK DBM-Series pipe/tubing support is designed for support of single piping systems where elevation adjustment is needed. The DURA-BLOK is UV resistant and suitable for installation on any type of roofing material or other flat surfaces.



Part No.	Clamp Part No.†	Block -Heigh	t x Width x Length	Height**	MinMax. mm	Wt.	/Each kg
DBM-1/2CT	B3198HCT- <sup>1</sup> /2	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	9.69"-11.19"	(246.1-284.2)	2.75	(1.25)
DBM-3/4CT	B3198HCT- <sup>3</sup> /4	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	9.84"-11.34"	(249.9-2288.0)	2.76	(1.25)
DBM-1CT	B3198HCT-1	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	9.95"-11.45"	(252.7-290.8)	2.84	(1.29)
DBM-1 <sup>1</sup> / <sub>4</sub> CT	B3198HCT-1 <sup>1</sup> / <sub>4</sub>	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	10.13"-11.63"	(257.3-295.4)	2.95	(1.34)
DBM-1 <sup>1</sup> / <sub>2</sub> CT	B3198HCT-1 <sup>1</sup> / <sub>2</sub>	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	10.28"-11.78"	(261.1-299.2)	2.96	(1.34)
DBM-2CT	B3198HCT-2	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	10.53"-12.03"	(267.4-305.5)	3.03	(1.37)
DBM-1/2	B3198H- <sup>1</sup> /2	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	9.86"-11.36"	(250.4-288.5)	2.78	(1.26)
DBM- <sup>3</sup> /4	B3198H- <sup>3</sup> /4	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	10.06"-11.56"	(255.5-293.6)	2.84	(1.29)
DBM-1	B3198H-1	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	10.14"-11.64"	(257.5-295.6)	2.86	(1.30)
DBM-1 <sup>1</sup> /4	B3198H-1 <sup>1</sup> /4	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	10.25"-11.75"	(260.3-298.4)	2.93	(1.33)
DBM-1 <sup>1</sup> /2	B3198H-1 <sup>1</sup> /2	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	10.42"-11.92"	(264.6-302.7)	2.99	(1.36)
DBM-2	B3198H-2	4" x 6" x 4.8"	(101.6 x 152.4 x 121.9)	10.66"-12.16"	(270.7-308.8)	3.10	(1.41)

<sup>†</sup> See Pipe Hanger Catalog for dimensions and specifications. \*\* From bottom of rubber block to center of pipe/tubing.

<sup>\*</sup> General Note: Consult roofing manufacturer or engineer for roof load capacity.

The weakest point may be the insulation board beneath the rubber membrane.



### DBE Series Support Base with Rod Risers & Channel



- Base with (2) 1/2" electro zinc all threaded rod risers Top channel is 1" (25.4mm) tall.
   See chart for adjustable height x wide x length.
- 100% recycled rubber, UV resistant.
- Load Rating\* 200 lbs. (0.89kN) (To increase load capacity use load distribution plate CLDP10)
- DURA-BLOK DBE-Series channel support is designed as a superior support of piping systems, cable tray, HVAC equipment and many other applications where elevation adjustment is critical. The DURA-BLOK is UV resistant and suitable for installation on any type of roofing material or other flat surfaces. (For pipe straps/clamps, rollers and roller supports that can be used with these DURA-BLOK supports, see page 159)

Part No.	Adjustable Height x Width x Length In. mm			Each kg
DBE10-8	5 <sup>1</sup> /2-8" × 6" × 9.6"	(139.7-152.4 x 152.4 x 243.8)	5.68	(2.58)
DBE10-12	5 <sup>1</sup> /2-12" x 6" x 9.6"	(139.7-304.8 x 152.4 x 243.8)	5.72	(2.59)
DBE10-16	5 <sup>1</sup> /2-16" x 6" x 9.6"	(139.7-406.4 x 152.4 x 243.8)	5.76	(2.61)



### DBR Series Support Base with Rod Risers & Pipe Roll

- Base with (2) 1/2" electro zinc all threaded rod risers and a B3114-31/2 pipe roll with sockets - base is 4" (101.6mm) high x 6" (152.4mm) wide x 9.6" (243.8mm) long. Overall height is 12" (304.8mm) from bottom of base to contact point on roller.
- Pipe roll & sockets for up to 31/2" (90) pipe sizes.
- 100% recycled rubber. UV resistant.
- Load Rating\* 200 lbs. (0.89kN) (To increase load capacity use load distribution plate CLDP10)
- DURA-BLOK DBR-Series support is designed to support pipe up to 31/2" (90) nominal size where difference in elevation is required and longitudinal movement is expected. The DURA-BLOK is UV resistant and approved for installation on any type of roofing material or other flat surfaces.

Part No.	Adjustable Height x Width x Length In. mm			Each kg
DBR10-12	up to 12" x 6" x 9.6"	(up to 304.8 x 152.4 x 243.8)	8.20	(3.72)



#### **CLDP10 Load Distribution Plate**

- 11 ga. (3.0mm) steel plate with slots.
- Dimensions: 15/8" (41.3mm) wide x 91/2" (241.3mm) long.
- DURA-BLOK CLDP10 load bearing stabilizer plate increases load ratings for DBE Series and DBR Series by allowing the load from the threaded rods to be distributed over the length of the base instead of the point load where the rods attach to the base.

Part No.	Thickness x Width x Length		Wt.	/Each kg
CLDP10	11 Ga. x 1 <sup>5</sup> /8" x 9 <sup>1</sup> /2"	(3.0 x 41.3 x 241.3)	0.53	(0.24)



Retighten the hex nuts with plate in place



under the flat washers

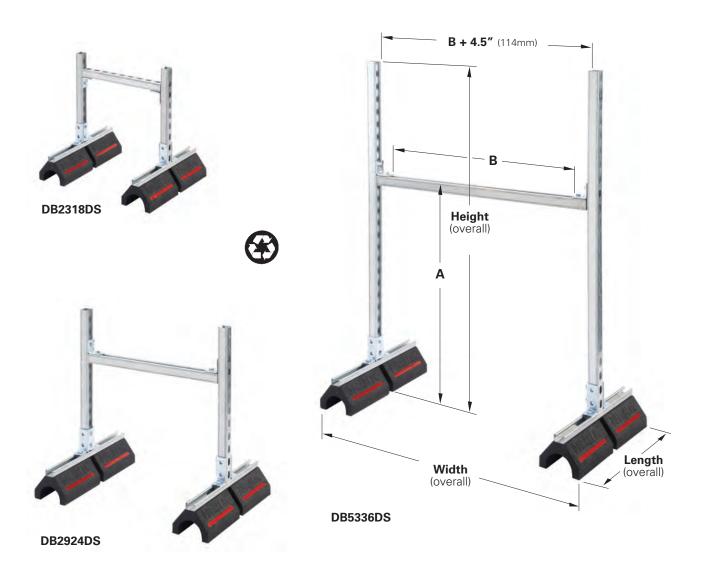
\* **General Note:** Consult roofing manufacturer or engineer for roof load capacity.

The weakest point may be the insulation board beneath the rubber membrane.

B-Line

# DB\_DS Series Support Bases with B22SH Vertical & Horizontal Channel Members

- Product is shipped unassembled.
- Two (2) DB20 bases with 14 ga. (1.9mm) galvanized channel 1" high (25.4mm) Bases are 5" (127.0mm) high x 6" (152.4mm) wide x 20.2" (513.1mm) long.
   Vertical & Horizontal Riser Channels (SH Style) 15/8" (41.3mm) x 15/8" (41.3mm) x 12 ga. (2.6mm) Fittings & Hardware Electro-Plated Steel
- 100% recycled rubber, UV resistant.
- Ultimate Load Rating: 1000 lbs. (4.45kN) (Uniform Load)\*
- DURA-BLOK DB\_DS-Series channel support with risers is designed for superior support of piping systems, cable tray, HVAC equipment, walkway systems and many other applications. The DURA-BLOK is UV resistant and suitable for installation on any type of roofing material or other flat surfaces. (For pipe straps/clamps, rollers and roller supports that can be used with these DURA-BLOK supports, see page 159)



\* General Note: Consult roofing manufacturer or engineer for roof load capacity.

The weakest point may be the insulation board beneath the rubber membrane.



DB\_\_DS Series cont.

**DURA-BLOK™** Rooftop Supports

	A Min. to Ma	ix.	В	
Part No.	In.	mm	ln.	mm
DB2318DS	10.56" to 20.75" (26	8 to 527)	13 <sup>1</sup> /2"	(343)
DB2918DS	10.56" to 26.75" (26	8 to 679)	13 <sup>1</sup> /2"	(343)
DB4118DS	10.56" to 38.75" (26	8 to 984)	13 <sup>1</sup> /2"	(343)
DB5318DS	10.56" to 50.75" (268	3 to 1289)	13 <sup>1</sup> /2"	(343)
DB2324DS	10.56" to 20.75" (26	8 to 527)	19 <sup>1</sup> /2"	(495)
DB2924DS	10.56" to 26.75" (26	8 to 679)	19 <sup>1</sup> /2"	(495)
DB4124DS	10.56" to 38.75" (26	8 to 984)	19 <sup>1</sup> /2"	(495)
DB5324DS	10.56" to 50.75" (268	3 to 1289)	19 <sup>1</sup> /2"	(495)
DB2336DS	10.56" to 20.75" (26	8 to 527)	31 <sup>1</sup> /2"	(800)
DB2936DS	10.56" to 26.75" (26	8 to 679)	31 <sup>1</sup> /2"	(800)
DB4136DS	10.56" to 38.75" (26	8 to 984)	31 <sup>1</sup> /2"	(800)
DB5336DS	10.56" to 50.75" (268	3 to 1289)	31 <sup>1</sup> /2"	(800)
DB2348DS	10.56" to 20.75" (26	8 to 527)	431/2"	(1105)
DB2948DS	10.56" to 26.75" (26	8 to 679)	43 <sup>1</sup> /2"	(1105)
DB4148DS	10.56" to 38.75" (26	8 to 984)	431/2"	(1105)
DB5348DS	10.56" to 50.75" (268	3 to 1289)	431/2"	(1105)

Part No.	Height (overall) In. mm	Width (overall) In. mm	Length (overall) In. mm	Wt./Each lbs. kg
DB2318DS	23" (584)	25 <sup>5</sup> /8" (651)	20.2" (513)	33.31 (15.11)
DB2918DS	29" (736)	25 <sup>5</sup> /8" (651)	20.2" (513)	35.00 (15.88)
DB4118DS	41" (1041)	25 <sup>5</sup> /8" (651)	20.2" (513)	38.40 (17.42)
DB5318DS	53" (1346)	25 <sup>5</sup> /8" (651)	20.2" (513)	41.80 (18.96)
DB2324DS	23" (584)	31 <sup>5</sup> /8" (803)	20.2" (513)	34.15 (15.49)
DB2924DS	29" (736)	31 <sup>5</sup> /8" (803)	20.2" (513)	35.84 (16.26)
DB4124DS	41" (1041)	31 <sup>5</sup> /8" (803)	20.2" (513)	39.25 (17.80)
DB5324DS	53" (1346)	31 <sup>5</sup> /8" (803)	20.2" (513)	42.65 (19.34)
DB2336DS	23" (584)	43 <sup>5</sup> /8" (1108)	20.2" (513)	35.84 (16.26)
DB2936DS	29" (736)	43 <sup>5</sup> /8" (1108)	20.2" (513)	37.56 (17.03)
DB4136DS	41" (1041)	43 <sup>5</sup> /8" (1108)	20.2" (513)	40.95 (18.57)
DB5336DS	53" (1346)	43 <sup>5</sup> /8" (1108)	20.2" (513)	44.34 (20.11)
DB2348DS	23" (584)	55 <sup>5</sup> /8" (1415)	20.2" (513)	37.55 (17.03)
DB2948DS	29" (736)	55 <sup>5</sup> /8" (1415)	20.2" (513)	39.25 (17.80)
DB4148DS	41" (1041)	55 <sup>5</sup> /8" (1415)	20.2" (513)	42.65 (19.34)
DB5348DS	53" (1346)	55 <sup>5</sup> /8" (1415)	20.2" (513)	46.03 (20.88)

A = Adjustable height from bottom of DURA-BLOK to top of horizontal channel.

B = Space between fittings that support horizontal channel.

Height (overall) = Distance from bottom of DURA-BLOK to top of upright channel.

Width (overall) = Distance from outside-to-outside of DURA-BLOK supports.

Length (overall) = Distance from end-to-end of DURA-BLOK supports.



### DBR Series Support Bases with B42 Channel & Pipe Roller

- Base with 14 ga. (1.9mm) galvanized channel 1" high (25.4mm) tallsee chart for height, width and length.
- 100% recycled rubber, UV resistant.
- Load Rating: (See Chart Below)\*
- DURA-BLOK DBR-Series support is designed to support pipe where longitudinal movement is expected. The DURA-BLOK is UV resistant and approved for installation on any type of roofing material or other flat surfaces.

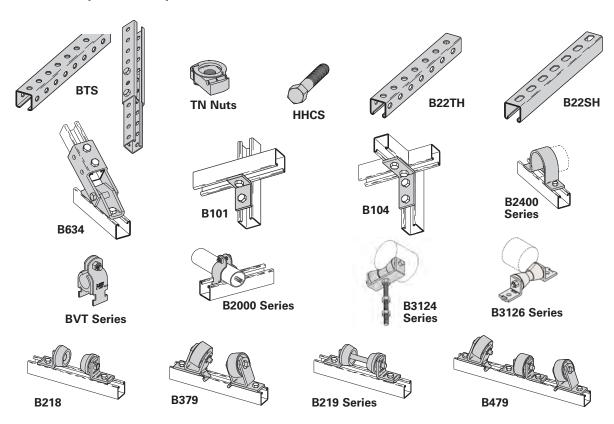




Part No.	Roller Part No.†	Block & Channel -H	eight x Width x Length	Height** In. mm	Wt./Each Lbs. kg	Load F Lbs.	Rating kN
DBR2-3 <sup>1</sup> /2	B3126-2 to 3 <sup>1</sup> /2	5" x 6" x 9.6"	(127.0 x 152.4 x 243.8)	7.09" (180)	5.28 (2.39)	500	(2.22)
DBR4-6	B3126-4 to 6	5" x 6" x 9.6"	(127.0 x 152.4 x 243.8)	7.09" (180)	10.63 (4.82)	500	(2.22)
DBR8-10	B3126-8-10	5" x 6" x 20.2"	(127.0 x 152.4 x 513.1)	8.34" (212)	15.99 (7.25)	1000	(4.45)
DBR12-14	B3126-12-14	5" x 6" x 20.2"	(127.0 x 152.4 x 513.1)	9.38" (238)	21.34 (9.68)	1000	(4.45)
DBR16-20	B3126-16-20	5" x 6" x 20.2"	(127.0 x 152.4 x 513.1)	9.78" (248)	26.70 (12.11)	1000	(4.45)

<sup>†</sup> See Pipe Hanger Catalog for dimensions and specifications. \*\* From bottom of rubber block to bottom of pipe/tubing.

#### Compatible Components Available to make DURA-BLOK bases more versatile



Above rollers can be mounted on DB Series, DB6 Series, and DB10 Series units.



Reference page 153 for general fitting and standard finish specifications.

#### **Rooftop Applications**





















#### **Rooftop Supports In Walkway Applications**



- Safety Grating is available with slip resistant GRATE-LOCK™, helping provide a safe walkway for foot traffic on the roof.
- Easy to install, elevated design, creates an identifiable path for foot traffic helping prevent wear and tear to the roof surface.
- The cross-over design offers safe passage over existing cabling, piping, cable tray or any other interference on the rooftop.
- The self cleaning pattern allows water and dirt to easily flow through, helping make the grating an ideal walkway in all weather conditions.
- Handrail options are available







Strut Systems

<b>DURA-BLOK</b> ™	<b>Rooftop Supports</b>

