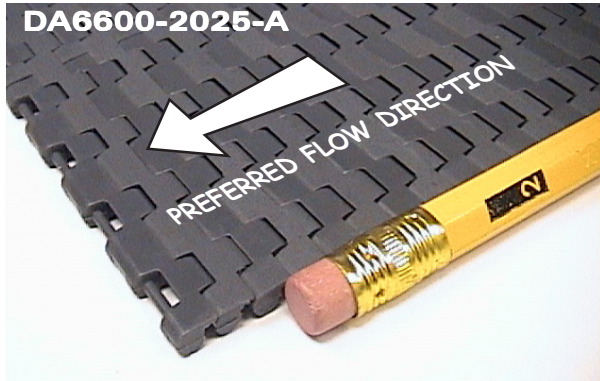


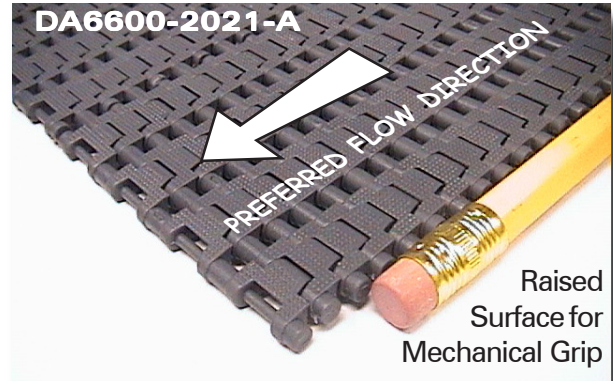
MicroSpan® Chain Options

4mm Thickness – for SMALLEST Nose Diameter

4mm Plain

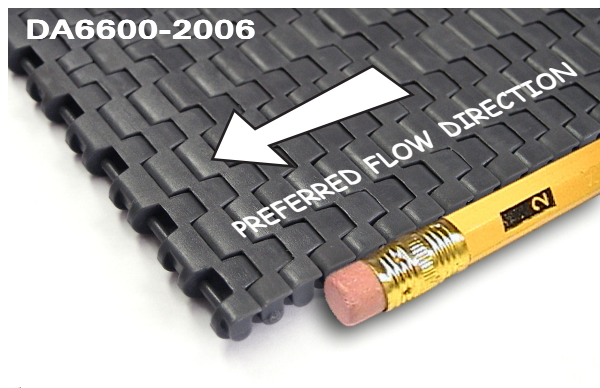


4mm Raised

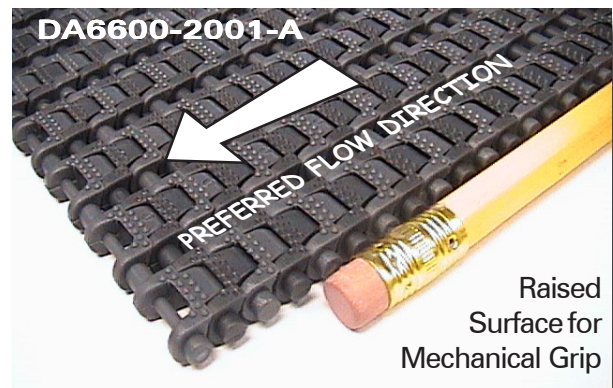


6mm Thickness – for Maximum STRENGTH

6mm Plain



6mm Raised



MicroSpan® chain is sold in rolls – 300mm (11.8") wide, 15.2m (50 ft.) long

MicroSpan® Standard Sprocket Types



DA6600-2008-191
48.5mm Bore (1.91")



DA6600-2008-125
31.75mm Bore (1.25")



DA6600-2008-20mm
20mm Bore (0.79")

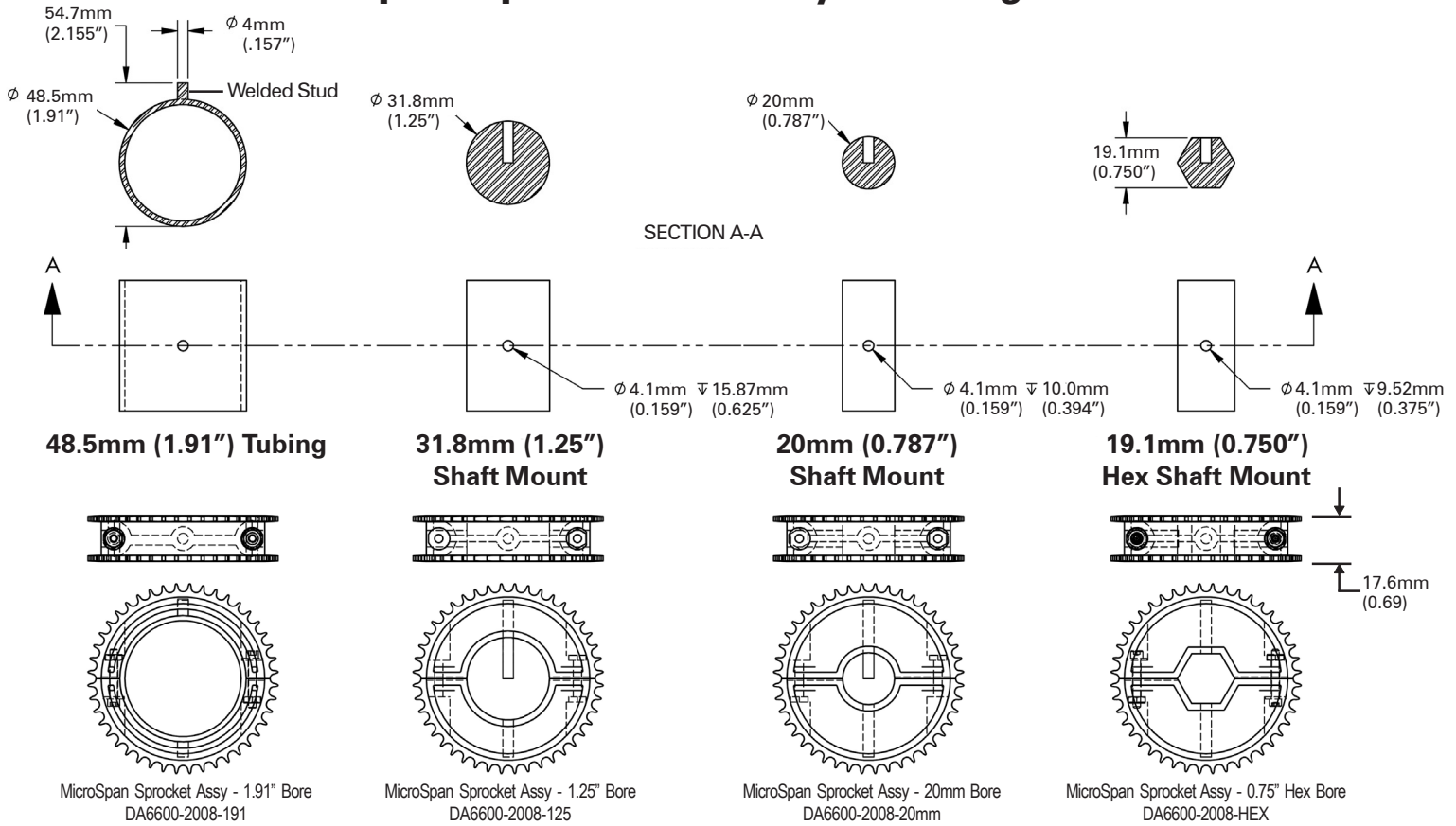


DA6600-2008-HEX
Hex Bore 19.1mm (0.75")

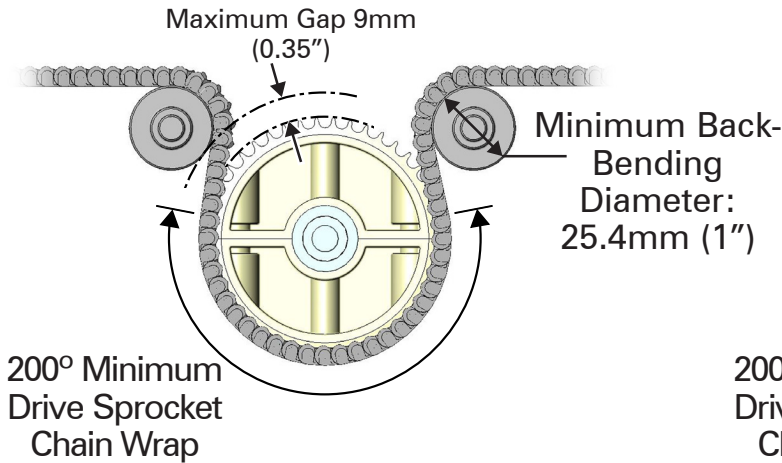
- 2-piece bolt-together design
- Material: natural color Nylon
- Sprocket halves are identical

- 44-tooth sprocket
- 70.08mm (2.76") pitch diameter
- 220mm (8.66") chain travel per revolution

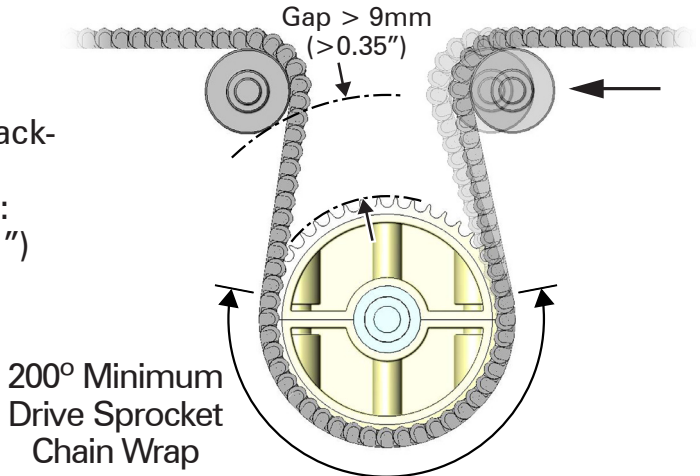
MicroSpan® Sprocket Assembly Mounting Details



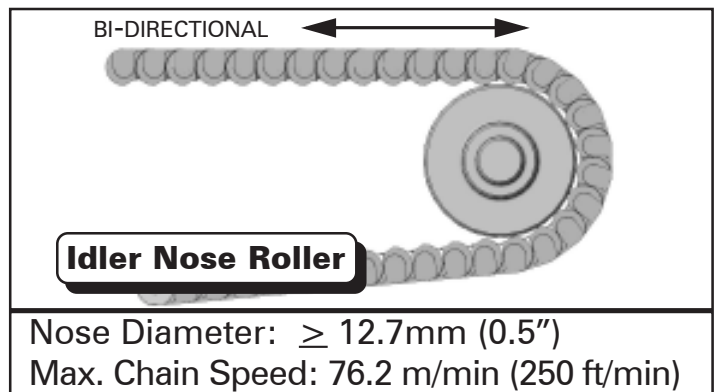
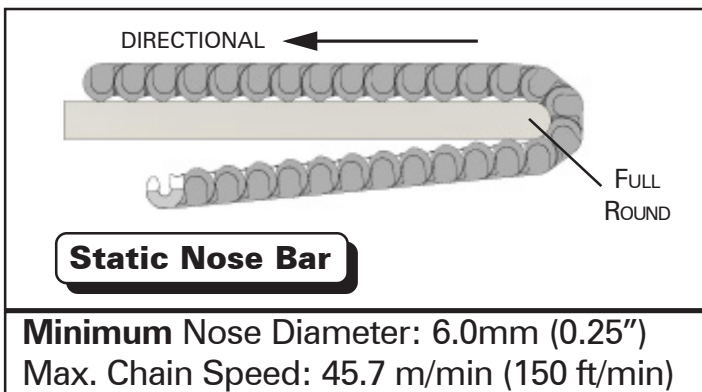
NO Live Tensioner Required



Live Tensioner REQUIRED



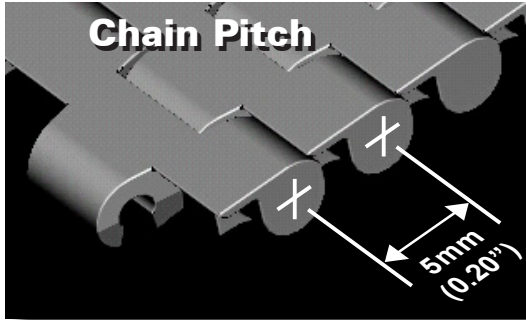
Nose Bar / Nose Roller Specifications



MicroSpan® Chain

- Material: Acetal
- Color: dark grey
- Bi-directional around 12.7mm (1/2") or larger Nose Roller*
- Directional around 6mm (1/4") diameter Static Nose Bar*

* see illustrations - page 2



Tensile Strength of Chain ("Chain Pull")

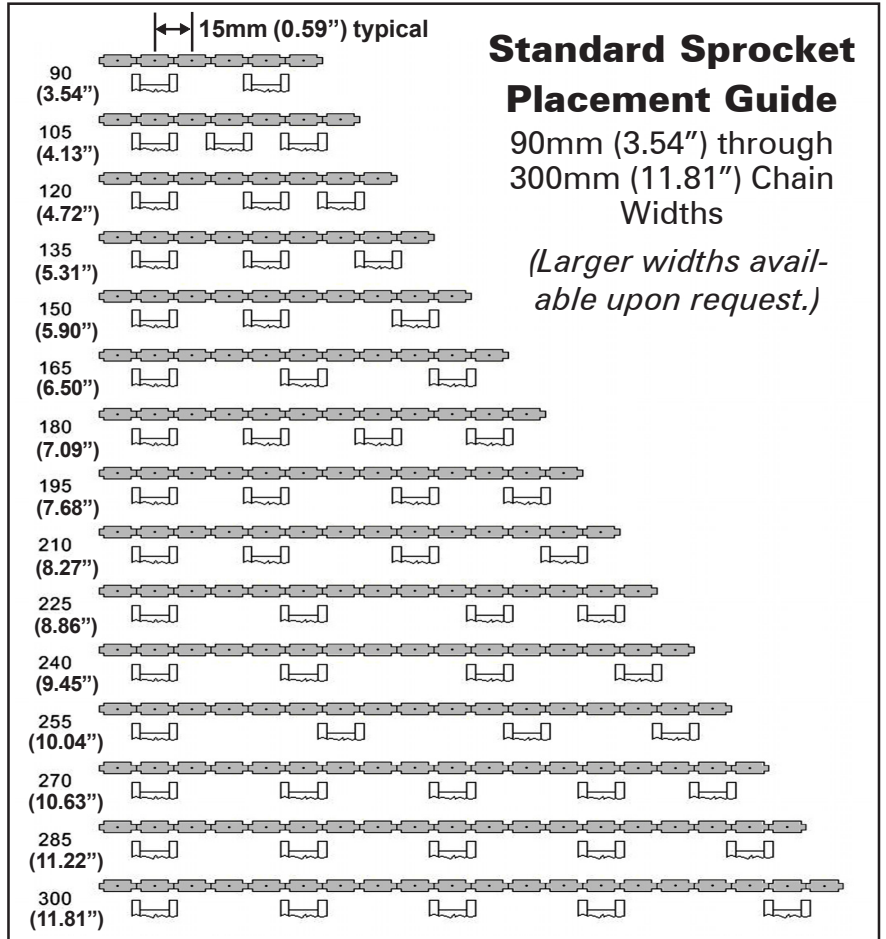
- **6mm Chain** (Plain or Raised)
Chain Pull = **27.2 kg (60 lbs.)**
- **4mm Chain** (Plain or Raised)
Chain Pull = **9.0 kg (20 lbs.)**

The above values apply for 300mm (11.8") wide chain, used with 25.4mm (1") Idler Nose Rollers & standard 44-tooth sprockets.

NOTE: Any other configurations must be tested and verified by Developer.

Approved Running Surfaces for MicroSpan® Chain

- UHMW-PE Bed
- Electroless Nickel Plated Aluminum
- Hard Chrome Plated Stainless Steel
- UHMW-PE Tape on rigid surface



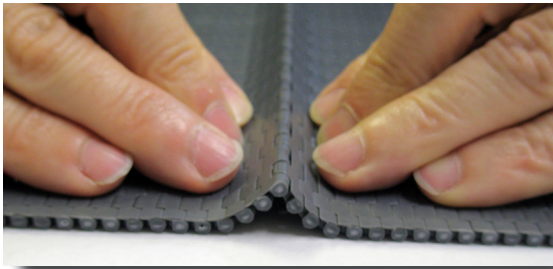
Special One-Piece Sprockets

Span Tech can provide machined one-piece sprockets for various special applications.

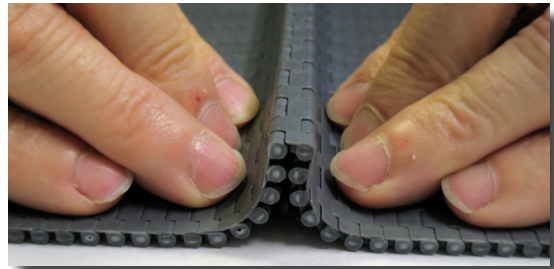


One-Piece Sprocket Specifications

No. of Teeth	Pitch Diameter	Standard Bore + .05mm / -.00mm (+.002" / -.000")
29	46.24mm (1.8206")	31.75mm (1.25")
28	44.65mm (1.7581")	31.75mm (1.25")
27	43.07mm (1.6956")	25.40mm (1.0")
26	41.48mm (1.6331")	25.40mm (1.0")
25	39.89mm (1.5706")	25.40mm (1.0")
24	38.30mm (1.5081")	25.40mm (1.0")
23	36.72mm (1.4456")	19.05mm (0.75")
22	35.13mm (1.3832")	19.05mm (0.75")
21	33.54mm (1.3207")	19.05mm (0.75")
20	31.96mm (1.2583")	19.05mm (0.75")
19	30.37mm (1.1959")	12.70mm (0.5")
18	28.79mm (1.1336")	12.70mm (0.5")
17	27.21mm (1.0712")	12.70mm (0.5")
16	25.63mm (1.0090")	12.70mm (0.5")



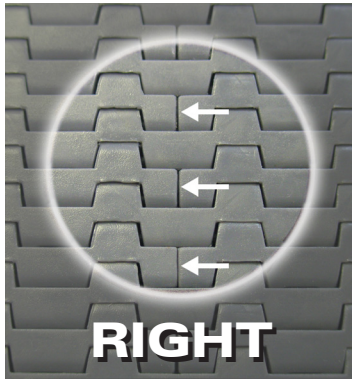
Recommended chain slack



Excessive chain slack

“Brickwork” Pattern

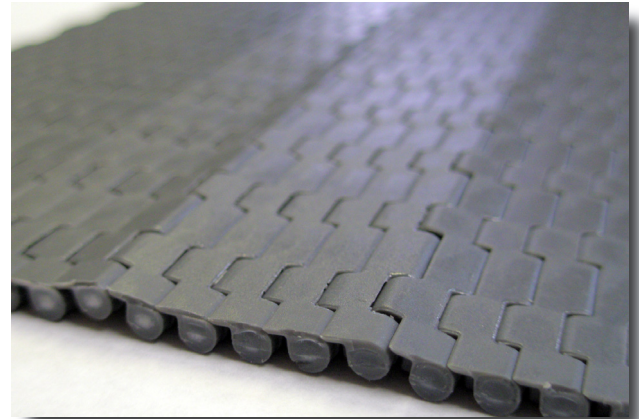
MicroSpan® chain is assembled in an alternating “brickwork” pattern. Correct (left) and Incorrect (right) examples are shown below:



RIGHT



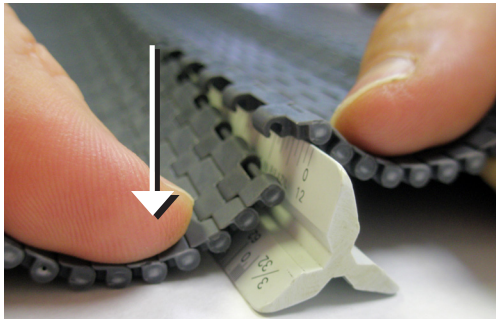
WRONG



Natural “tenting” with new chain. This is normal and will disappear with run-in.

Opening MicroSpan® chain

Use a standard engineer’s scale to open MicroSpan® Chain.



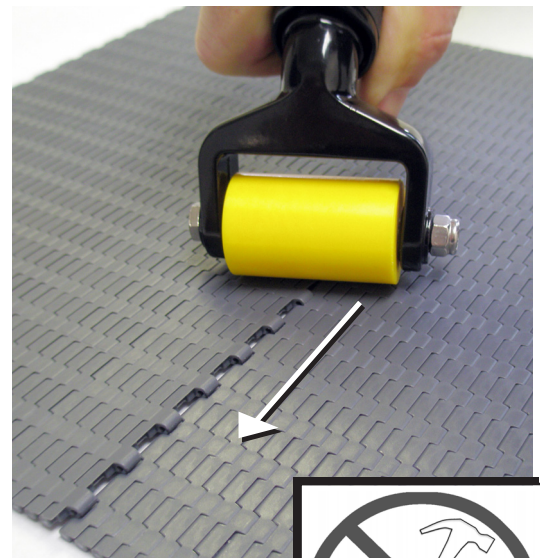
Removing links from bottom

Use a small flat screwdriver to remove excess rows of chain.

Always remove rows in pairs – see “Brickwork” Pattern illustration above.



Connecting MicroSpan® chain



Use a roller to reconnect MicroSpan® Chain.



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