Dynamic "Anchor or Guide" Slope Adjusting Hanger / Rod Mount Unit

One piece unit with attached dynamic rod. Hanger rods are available in lengths ranging from min of 1.26" to 96". Standard length is 6".

Features: A dynamic union between the hanger rod and hanger housing allows for the housing to self adjust to the tube's slope for drainability as well as a 360° swivel. A 6" rod is the standard length with other lengths available. Fig 221 CH can also be used in combination with the figure 223, 225 or 226 stanchions. This combination will allow the support to be adjusted telescopically to the tube or pipe elevation. Call customer service for the price and availability of special rod lengths.

Size Range: 0.24" diameters through 6.00" diameter covering imperial tube, pipe and copper sizes. ISO and DIN standards, and special diameters available upon request.

Hardware: 304 Stainless Steel (Standard), 316 Stainless Steel

Finish: Stainless Steel at a 25 RA

Plastic: Polysulfone (Black = Anchor and Gray = Guide)

Shearing: Anchors - Refer to shear force diagram in technical section (page 29)
Guides - Allows free axial movement for thermal expansion of tube or pipe

Fig. 221CH Compact Dynamic Hanger - Part Number Configurator

Housing Type
Compact Hygienic = CH

Plastic Insert Material & Feature
Anchor - Black = PS
Guide - Gray = PG

Tube, Pipe or Guide Size
Anchor "D" Dimension
For sizing refer to "D" column on dimensional chart
"Round Part Number to the Hundredth 0.79 = 079

Hardware Material
304 Stainless Steel = T
316 Stainless Steel = X

Dynamic Rod Length
minimum length of 1.4" = 1.4
Standard Length 6" = 06
12" = 12
18" = 18
24" = 24
36" = 36
48" = 48
96" = 96

Pipe & Tube Support

BEHRINGER

Fig. 221 CH Dynamic Mount Hanger
### Pipe & Tube Support

**Fig. 221 CH**

**Dynamic Mount Hanger**

<table>
<thead>
<tr>
<th>Group No.</th>
<th>Stainless Pipe</th>
<th>Copper Tube</th>
<th>Outside Diameter (mm)</th>
<th>0° Anchor Plastic</th>
<th>90° Guide Plastic</th>
<th>W1</th>
<th>W2</th>
<th>Z</th>
<th>L, min</th>
<th>U</th>
<th>H</th>
<th>Rod Diameter</th>
<th>Weight, lb/ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.0</td>
<td>CH-PS-024 T-??</td>
<td>0.24</td>
<td>0.27</td>
<td>0.63</td>
<td>1.02</td>
<td>0.75</td>
<td>1.26</td>
<td>0.95</td>
<td>1.54</td>
<td>0.63</td>
<td>0.76</td>
<td>(0.4)</td>
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<tr>
<td>2</td>
<td>0.0</td>
<td>CH-PS-025 T-??</td>
<td>0.25</td>
<td>0.28</td>
<td>1.06</td>
<td>1.15</td>
<td>0.75</td>
<td>1.26</td>
<td>1.07</td>
<td>1.77</td>
<td>0.63</td>
<td>0.79</td>
<td>(0.36)</td>
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<tr>
<td>3</td>
<td>0.0</td>
<td>CH-PS-038 T-??</td>
<td>0.38</td>
<td>0.40</td>
<td>1.20</td>
<td>1.28</td>
<td>0.75</td>
<td>1.26</td>
<td>1.20</td>
<td>2.04</td>
<td>0.63</td>
<td>0.82</td>
<td>(0.37)</td>
</tr>
<tr>
<td>4</td>
<td>0.0</td>
<td>CH-PS-050 T-??</td>
<td>0.50</td>
<td>0.54</td>
<td>1.45</td>
<td>1.56</td>
<td>0.75</td>
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<td>1.45</td>
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<td>CH-PS-054 T-??</td>
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<td>0.58</td>
<td>1.74</td>
<td>1.79</td>
<td>0.75</td>
<td>1.26</td>
<td>1.70</td>
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<td>CH-PS-055 T-??</td>
<td>0.63</td>
<td>0.67</td>
<td>2.02</td>
<td>2.04</td>
<td>1.00</td>
<td>1.36</td>
<td>2.04</td>
<td>3.65</td>
<td>0.75</td>
<td>1.37</td>
<td>(0.62)</td>
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<td>0.68</td>
<td>0.91</td>
<td>2.27</td>
<td>2.29</td>
<td>1.00</td>
<td>1.36</td>
<td>2.29</td>
<td>4.13</td>
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<td>2.04</td>
<td>1.00</td>
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<td>2.04</td>
<td>3.65</td>
<td>0.75</td>
<td>1.52</td>
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<td>4.63</td>
<td>0.75</td>
<td>1.72</td>
<td>(0.78)</td>
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All standard sizes shown, special diameters available upon request.