

## SmartDWC Drywall Furring Channel (HAT)

7/8" Drywall Furring Channel Properties				
Product Height / Gauge	Design Thickness	Gross Area	Effective Properties	
			Ix	Ma
7/8" DWC-25	0.0157"	0.059	0.0068	30.50
7/8" DWC-20	0.0245"	0.091	0.0114	54.90
7/8" DWC-18	0.0451"	0.162	0.0196	69.17

1-1/2" Drywall Furring Channel Properties				
Product Height / Gauge	Design Thickness	Gross Area	Effective Properties	
			Ix	Ma
1-1/2" DWC-25	0.0157"	0.0786	0.0239	65.8
1-1/2" DWC-20	0.0245"	0.1218	0.0399	114.7
1-1/2" DWC-18	0.0451"	0.219	0.0699	146.25

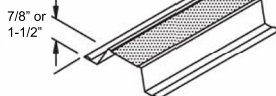
SmartDWC Drywall Furring Channel Allowable Ceiling Spans L/240											
Product Height / Gauge	Fy (ksi)	Span Type	Uniform Load								
			4 psf			6 psf			13 psf		
			Spacing (in) on center			Spacing (in) on center			Spacing (in) on center		
			12	16	24	12	16	24	12	16	24
7/8" DWC-25	50	Single	4'-10"	4'-5"	3'-10"	4'-2"	3'-10"	3'-4"	3'-3"	2'-11"	2'-7"
7/8" DWC-25	50	Multiple	5'-11"	5'-5"	4'-9"	5'-2"	4'-9"	4'-2"	4'-0"	3'-8"	3'-1"
7/8" DWC-20	50	Single	5'-9"	5'-2"	4'-7"	5'-0"	4'-7"	4'-0"	3'-10"	3'-6"	3'-1"
7/8" DWC-20	50	Multiple	6'-10"	6'-3"	5'-5"	6'-0"	5'-5"	4'-9"	4'-7"	4'-2"	3'-8"
7/8" DWC-18	33	Single	8'-6"	7'-8"	6'-9"	7'-5"	6'-9"	5'-10"	5'-9"	5'-2"	4'-6"
7/8" DWC-18	33	Multiple	7'-1"	6'-5"	5'-7"	6'-2"	5'-7"	4'-11"	4'-9"	4'-4"	3'-10"
1-1/2" DWC-25	50	Single	7'-4"	6'-8"	5'-10"	6'-5"	5'-10"	5'-1"	4'-11"	4'-6"	3'-11"
1-1/2" DWC-25	50	Multiple	9'-1"	8'-3"	7'-2"	7'-11"	7'-2"	6'-3"	6'-1"	5'-1"	3'-11"
1-1/2" DWC-20	50	Single	8'-8"	7'-11"	6'-11"	7'-7"	6'-11"	6'-0"	5'-10"	5'-4"	4'-8"
1-1/2" DWC-20	50	Multiple	10'-9"	9'-9"	8'-6"	9'-5"	8'-6"	7'-5"	7'-3"	6'-7"	5'-9"
1-1/2" DWC-18	33	Single	10'-6"	9'-6"	8'-4"	9'-2"	8'-4"	7'-3"	7'-1"	6'-5"	5'-7"
1-1/2" DWC-18	33	Multiple	13'-0"	11'-9"	10'-3"	11'-4"	10'-3"	9'-0"	8'-9"	8'-0"	6'-8"

SmartDWC Drywall Furring Channel Allowable Ceiling Spans L/360											
Product Height / Gauge	Fy (ksi)	Span Type	Uniform Load								
			4 psf			6 psf			13 psf		
			Spacing (in) on center			Spacing (in) on center			Spacing (in) on center		
			12	16	24	12	16	24	12	16	24
7/8" DWC-25	50	Single	4'-2"	3'-10"	3'-4"	3'-8"	3'-4"	2'-11"	2'-10"	2'-7"	2'-3"
7/8" DWC-25	50	Multiple	5'-2"	4'-9"	4'-2"	4'-7"	4'-2"	3'-7"	3'-6"	3'-2"	2'-9"
7/8" DWC-20	50	Single	5'-0"	4'-7"	4'-0"	4'-4"	4'-0"	3'-6"	3'-5"	3'-1"	2'-8"
7/8" DWC-20	50	Multiple	6'-2"	5'-7"	4'-11"	5'-5"	4'-11"	4'-3"	4'-2"	3'-10"	3'-4"
7/8" DWC-18	33	Single	6'-0"	5'-5"	4'-9"	5'-3"	4'-9"	4'-2"	4'-0"	3'-8"	3'-2"
7/8" DWC-18	33	Multiple	7'-5"	6'-9"	5'-10"	6'-6"	5'-10"	5'-2"	5'-0"	4'-6"	4'-0"
1-1/2" DWC-25	50	Single	6'-5"	5'-10"	5'-1"	5'-7"	5'-1"	4'-5"	4'-4"	3'-11"	3'-5"
1-1/2" DWC-25	50	Multiple	7'-11"	7'-2"	6'-3"	6'-11"	6'-3"	5'-6"	5'-4"	4'-10"	3'-11"
1-1/2" DWC-20	50	Single	7'-7"	6'-11"	6'-0"	6'-8"	6'-0"	5'-3"	5'-1"	4'-8"	4'-1"
1-1/2" DWC-20	50	Multiple	9'-5"	8'-6"	7'-5"	8'-2"	7'-5"	6'-6"	6'-4"	5'-9"	5'-0"
1-1/2" DWC-18	33	Single	9'-2"	8'-4"	7'-3"	8'-0"	7'-3"	6'-4"	6'-2"	5'-7"	4'-11"
1-1/2" DWC-18	33	Multiple	11'-4"	10'-3"	9'-0"	9'-11"	9'-0"	7'-10"	7'-8"	6'-11"	6'-1"

**SmartDWC Drywall Furring Channel (HAT)**

**USE:** As furring over masonry walls and hot rolled steel shapes, cross furring for gypsum wallboard and plaster soffits and ceilings.

**Available Gauges:**  
25, 20 & 18



**Furring Channel Clip**

**USE:** Provides economical method of attaching 7/8" Drywall Furring Channels to 1-1/2" Cold Rolled Channel.

**Note:** Alternate Direction of every other clip along the cold rolled channel.

