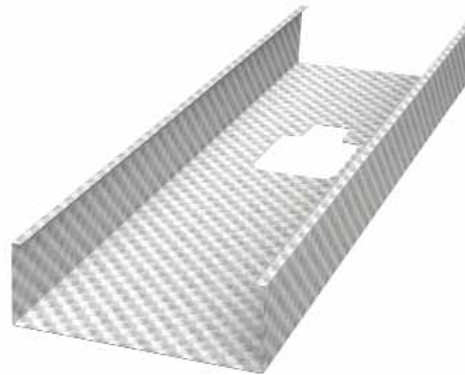


Drywall Nonload-Bearing (Nonstructural) Studs (UST-Series™) Featuring UltraSTEEL® Framing Technology

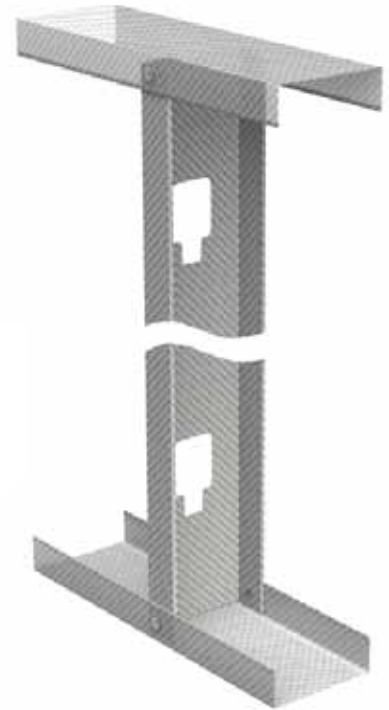
- Roll-formed from corrosion-resistant galvanized steel that conforms to ASTM C 645
- Pre-punched knockouts for easy installation of electrical, plumbing and bridging
- Available sizes: 1-5/8", 2-1/2", 3-1/2"* , 3-5/8", 4", 5-1/2"* and 6"
- Available gauges: 25 EQ, 20 DW EQ and 20 STR EQ*
EQ = equivalent to traditional stud gauges

* Available in limited markets

Drywall UltraSTEEL® (nonload-bearing) interior studs are used in nonload-bearing (nonstructural) interior wall systems or partitions that support gypsum wallboard construction. Drywall metal studs are available in 25 Gauge EQ (equivalent), 20 DW Gauge EQ (equivalent) and 20 STR Gauge EQ (equivalent) thickness* and are manufactured utilizing UltraSTEEL® framing technology. In order to determine the proper gauge, wall height, stud spacing, deflection limitations and lateral loading must all be considered.



Drywall Stud



Studs are available in a variety of web sizes and can be ordered in stock and custom lengths. Metal studs are twisted into the top and bottom track and either friction fit, crimped or screw attached at 12", 16" or 24" on center spacing.

In contrast to wood studs, metal studs will not warp, twist or bow resulting in straighter walls free from cracks and nail pops. Metal studs are impervious to insects, mold and rot. They are noncombustible and will not add fuel to a fire.

UltraSTEEL® Drywall Nonload-Bearing (Nonstructural) Studs (UST-Series™)

DMF Product Code	Member Designation	Gauge Equivalent	Base Metal Thickness (Inches)	Effective Metal Thickness* (Inches)	Size		Weight		Packaging	
					Inches	mm	lbs/ft	kg/m	Pcs/Bundle	Pcs/Skid
USTN	162 USTN	25 EQ	0.015	0.034	1-5/8	41.3	0.239	0.355	10	480
	250 USTN		0.015	0.034	2-1/2	63.5	0.286	0.425		480
	362 USTN		0.015	0.034	3-5/8	92.1	0.347	0.516		360
	400 USTN		0.015	0.034	4	101.6	0.367	0.546		360
	600 USTN		0.015	0.034	6	152.4	0.474	0.705		180
USTE	162 USTE	20 DW EQ	0.025	0.055	1-5/8	41.3	0.390	0.580	10	480
	250 USTE		0.025	0.055	2-1/2	63.5	0.469	0.698		480
	362 USTE		0.025	0.055	3-5/8	92.1	0.569	0.847		360
	400 USTE		0.025	0.055	4	101.6	0.603	0.897		360
	600 USTE		0.025	0.055	6	152.4	0.782	1.163		180
USTX	162 USTX	20 STR EQ	0.028	0.060	1-5/8	41.3	0.436	0.648	10	480
	250 USTX		0.028	0.060	2-1/2	63.5	0.524	0.779		480
	362 USTX		0.028	0.060	3-5/8	92.1	0.637	0.947		360
	400 USTX		0.028	0.060	4	101.6	0.674	1.002		360
	600 USTX		0.028	0.060	6	152.4	0.875	1.300		180

*The term "Effective Thickness" was created by Underwriters Laboratory (UL) to establish a minimum thickness measurement after the UltraSTEEL® manufacturing process has occurred. Effective thickness is the measurement across the peaks of the dimples or the thickest part of the steel. The manufacturing, base steel and quality control process is verified by independent third party UL representatives, who make regular unannounced visits to Dietrich's manufacturing facilities to assure full compliance with UL established quality control standards.

Drywall Knockouts

Conveniently placed holes for easy installation of wiring, plumbing and bridging

- Pre-punched at regular intervals
- Designed to accept the installation of standard grommets
- Custom hole placement available on request

Dietrich UltraSTEEL® studs for interior nonload-bearing, nonstructural framing are pre-punched with knockouts at regular intervals. These punch-outs are specifically designed to allow for the rapid installation of pipes, electrical conduit, wiring and bridging.

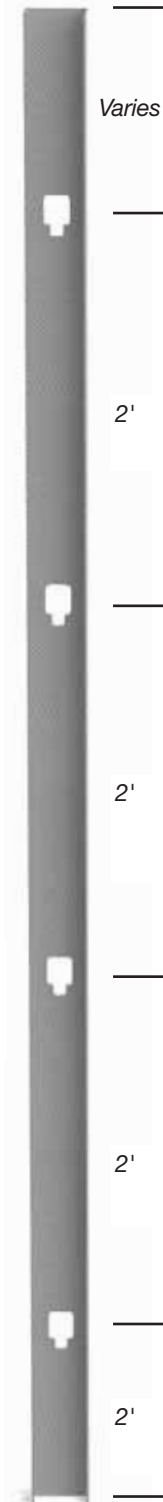


1-1/2" wide knockout in 3-5/8" and wider studs

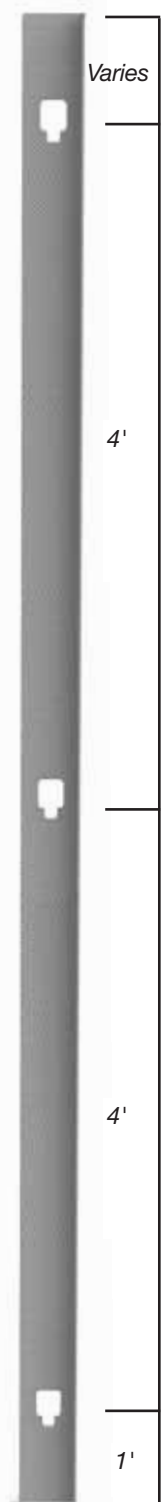


3/4" wide knockout in 1-5/8" and 2-1/2" studs

CAUTION: Care must be taken during installation to ensure consistent alignment of knockouts. Conduit, grommets, hangers or insulators must be used to keep mechanical piping and electrical wires from direct contact with the steel.



West Coast Punch Pattern



East and Central Punch Pattern

Interior (Drywall) Nonload-Bearing UltraSTEEL® Framing

Dietrich UltraSTEEL® Framing's 25-Gauge EQ Physical and Structural Properties

Member Designation	Base Metal Thickness (inches)	Effective Metal Thickness (inches)	Weight (lbs/ft)	Gross Section Properties					Effective Section Properties		Allowable Moment M_a (in-lbs)	Torsional Section Properties				
				Area (in ²)	I_x (in ⁴)	r_x (in)	I_y (in ⁴)	r_y (in)	I_{xe} (in ⁴)	S_{xe} (in ³)		X_o (in)	J (10 ³ in ⁴)	C_w (in ⁶)	R_o (in)	Beta (degree)
162 USTN	0.015	0.034	0.237	0.070	0.033	0.689	0.015	0.460	0.029	0.024	578	-1.062	0.580	0.009	1.347	0.378
250 USTN	0.015	0.034	0.284	0.084	0.087	1.020	0.017	0.452	0.078	0.045	1,087	-0.935	0.694	0.021	1.456	0.587
362 USTN	0.015	0.034	0.345	0.101	0.204	1.418	0.019	0.435	0.189	0.057	1,363	-0.815	0.842	0.049	1.693	0.768
400 USTN	0.015	0.034	0.365	0.107	0.256	1.546	0.020	0.429	0.233	0.063	1,509	-0.783	0.891	0.061	1.785	0.808
600 USTN*	0.015	0.034	0.472	0.139	0.675	2.205	0.022	0.396	0.535	0.108	2,580	-0.648	1.154	0.153	2.332	0.923

Notes: Section properties are determined in accordance with AISI-NASPEC 2001.

Section properties are conservatively calculated using the thickness and yield strength of the base material, prior to the Dietrich UltraSTEEL® forming process.

Calculated effective moment of inertia (I_{xe}) is based on serviceability determination.

Effective section properties and moment capacity did not incorporate stress increase as a result of cold work of forming.

* Depth over thickness ratio (h/t) is greater than 300.

Yield Strength = 40 ksi

Dietrich UltraSTEEL® Framing's 25-Gauge EQ Composite Limiting Heights (1 layer 1/2" thick gypsum wallboard)¹

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTN	12	12'-6"	9'-11"	8'-8"	10'-11"	8'-8"	—	9'-11"	7'-11"	—	8'-8"	—	—
	16	11'-4"	9'-0"	7'-11"	9'-11"	7'-11"	—	9'-0"	—	—	—	—	—
	24	9'-11"	7'-11"	—	8'-8"	—	—	7'-11"	—	—	—	—	—
250 USTN	12	15'-8"	12'-5"	10'-10"	13'-8"	10'-10"	9'-6"	12'-4" f	9'-11"	8'-8"	10'-1" f	8'-8"	—
	16	14'-2"	11'-3"	9'-10"	12'-5"	9'-10"	8'-7"	11'-3"	8'-11"	7'-10"	8'-11" s	7'-10"	—
	24	12'-4"	9'-10"	8'-7"	10'-9"	8'-7"	—	9'-9" f	7'-9"	—	—	—	—
362 USTN	12	20'-10"	16'-7"	14'-3"	18'-3"	12'-3"	16'-3" f	12'-10"	11'-0"	12'-10" f	11'-0"	11'-0" f	9'-6"
	16	19'-1"	15'-1"	12'-10"	16'-5" f	12'-10"	11'-0"	13'-11" f	11'-6"	9'-11"	11'-0" f	9'-11"	8'-6"
	24	16'-6" f	12'-11"	11'-0"	13'-1" f	11'-0"	9'-5"	11'-2" f	9'-11"	8'-6"	8'-10"	8'-6"	—
400 USTN	12	22'-5"	17'-9"	15'-6"	19'-7"	15'-6"	13'-2"	17'-0" f	13'-10"	11'-9"	13'-4" s	11'-9"	10'-1"
	16	20'-6"	16'-3"	13'-10"	17'-0" f	13'-10"	11'-9"	14'-6"	12'-4"	10'-6"	11'-1" s	10'-6"	9'-0"
	24	17'-1" f	13'-11"	11'-9"	13'-8" f	11'-9"	10'-10"	11'-7" f	10'-6"	9'-0"	8'-11" s	8'-11" s	—
600 USTN	12	29'-10"	23'-8"	20'-9"	24'-7" f	20'-9"	18'-1"	20'-9" s	18'-10"	16'-5"	13'-10" s	13'-10" s	13'-10" s
	16	25'-7" f	21'-6"	18'-9"	20'-11" f	18'-9"	16'-5"	17'-1" s	17'-1" s	14'-8"	11'-5" s	11'-5" s	11'-5" s
	24	20'-6" f	18'-9"	16'-5"	16'-9"	16'-5"	13'-10"	13'-5" s	13'-5" s	12'-3"	9'-0" s	9'-0" s	9'-0" s

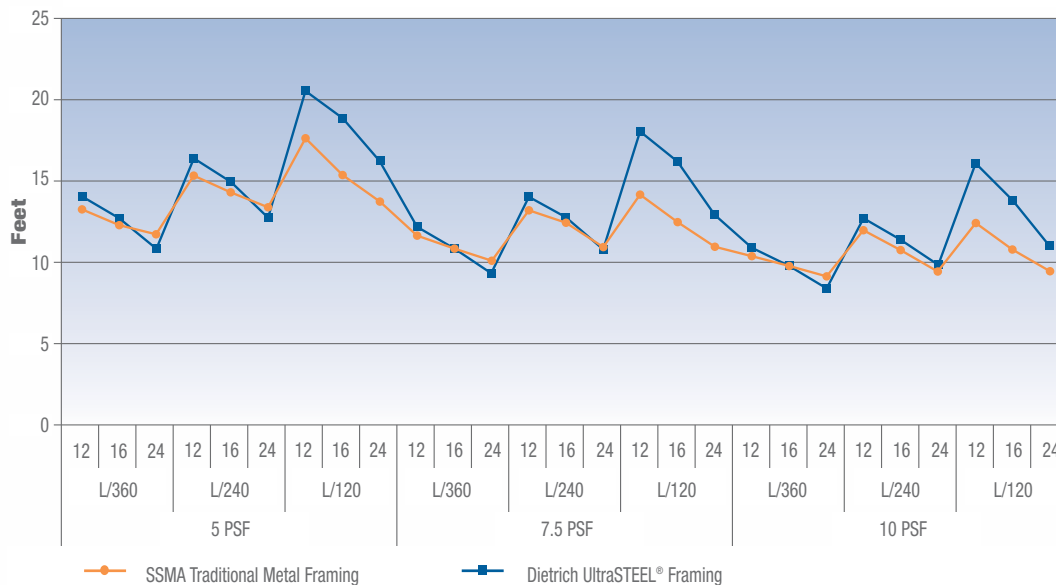
f: Flexural stress controls allowable wall height

s: Shear/web crippling control allowable wall height

Minimum yield strength = 40 ksi

¹ Composite limiting heights based on single layer 1/2" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754. Tested to ICC acceptance criteria AC86

25-Gauge EQ Dietrich UltraSTEEL® Framing with 1 layer 1/2" thick gypsum wallboard Compared to Traditional SSMA 362S125-18



Patents

Products manufactured using the UltraSTEEL® process are protected by granted USA Patents (Nos. 6,183,879 and 5,689,990) and granted Canadian Patent (No. 2,149,914/1993) together with design registration. UltraSTEEL® is a Trademark of Hadley Industries plc.

Dietrich UltraSTEEL® Framing's 25-Gauge EQ Composite Limiting Heights (1 layer 5/8" thick gypsum wallboard)²

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTN	12	13' 2"	10' 6"	9' 2"	11' 6"	9' 2"	—	10' 6"	8' 5"	—	8' 8"	—	—
	16	12' 2"	9' 8"	8' 5"	10' 8"	8' 5"	—	9' 8"	—	—	—	—	—
	24	10' 9"	8' 6"	—	9' 4"	—	—	8' 6"	—	—	—	—	—
250 USTN	12	16' 0"	13' 1"	11' 5"	14' 3"	11' 5"	9' 11"	12' 4"	10' 5"	8' 10"	10' 1"	8' 10"	—
	16	14' 11"	11' 10"	10' 4"	13' 1"	10' 4"	9' 1"	11' 4"	9' 5"	8' 3"	8' 11"	8' 3"	—
	24	13' 0"	10' 4"	8' 11"	11' 3"	8' 11"	—	9' 9"	7' 11"	—	—	—	—
362 USTN	12	21' 4"	17' 1"	14' 7"	18' 8"	14' 7"	12' 5"	16' 3"	13' 0"	11' 1"	12' 10"	11' 1"	9' 6"
	16	19' 5"	15' 4"	13' 1"	16' 6"	13' 1"	11' 2"	13' 11"	11' 9"	10' 1"	11' 0"	10' 1"	8' 8"
	24	16' 8"	13' 2"	11' 2"	13' 1"	11' 2"	9' 6"	11' 2"	10' 0"	8' 6"	8' 10"	8' 6"	—
400 USTN	12	23' 1"	18' 4"	15' 11"	19' 7"	15' 11"	13' 7"	17' 0"	14' 2"	12' 1"	13' 4"	12' 1"	10' 3"
	16	20' 10"	16' 8"	14' 3"	17' 0"	14' 3"	12' 1"	14' 6"	12' 8"	10' 10"	11' 1"	10' 10"	9' 3"
	24	17' 1"	14' 4"	12' 2"	13' 8"	12' 2"	10' 2"	11' 7"	10' 9"	9' 1"	8' 11"	8' 11"	—
600 USTN	12	30' 1"	23' 11"	20' 10"	24' 7"	20' 10"	18' 3"	20' 9"	19' 0"	16' 7"	13' 10"	13' 10"	13' 10"
	16	25' 7"	21' 8"	19' 0"	20' 11"	19' 0"	16' 7"	17' 1"	17' 1"	14' 9"	11' 5"	11' 5"	11' 5"
	24	20' 6"	19' 0"	16' 8"	16' 9"	16' 8"	14' 0"	13' 5"	13' 5"	12' 3"	9' 0"	9' 0"	9' 0"

Minimum yield strength = 40 ksi

² Composite limiting heights based on single layer 5/8" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754.

Dietrich UltraSTEEL® Framing's 25-Gauge EQ Composite Limiting Heights (2 layers 1/2" thick gypsum wallboard)³

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTN	12	15' 6"	13' 1"	11' 5"	12' 8"	11' 5"	—	11' 0"	10' 3"	—	8' 8"	—	—
	16	14' 8"	11' 10"	10' 4"	12' 0"	10' 4"	—	10' 5"	—	—	—	—	—
	24	12' 11"	10' 5"	—	10' 7"	—	—	8' 8"	—	—	—	—	—
250 USTN	12	16' 0"	15' 3"	13' 4"	14' 3"	13' 4"	11' 5"	12' 4"	12' 1"	9' 9"	10' 1"	9' 9"	—
	16	16' 0"	13' 9"	12' 0"	13' 1"	12' 0"	10' 6"	11' 4"	10' 11"	9' 6"	8' 11"	8' 11"	—
	24	13' 9"	11' 11"	10' 0"	11' 3"	10' 0"	—	9' 9"	8' 6"	—	—	—	—
362 USTN	12	23' 0"	18' 5"	15' 8"	18' 10"	15' 8"	13' 0"	16' 3"	13' 9"	11' 5"	12' 10"	11' 5"	9' 6"
	16	20' 1"	16' 1"	13' 9"	16' 6"	13' 9"	11' 10"	13' 11"	12' 4"	10' 7"	11' 0"	10' 7"	9' 2"
	24	16' 8"	14' 2"	11' 8"	13' 1"	11' 8"	9' 8"	11' 2"	10' 3"	8' 6"	8' 10"	8' 6"	—
400 USTN	12	24' 0"	20' 0"	17' 5"	19' 7"	17' 5"	14' 10"	17' 0"	15' 6"	13' 2"	13' 4"	13' 2"	10' 11"
	16	20' 10"	18' 0"	15' 5"	17' 0"	15' 5"	13' 1"	14' 6"	13' 9"	11' 9"	11' 1"	11' 1"	10' 1"
	24	17' 1"	15' 10"	13' 3"	13' 8"	13' 3"	10' 9"	11' 7"	11' 5"	9' 4"	8' 11"	8' 11"	—
600 USTN	12	30' 1"	24' 6"	21' 5"	24' 7"	21' 5"	18' 8"	20' 9"	19' 5"	17' 0"	13' 10"	13' 10"	13' 10"
	16	25' 7"	22' 5"	19' 7"	20' 11"	19' 7"	17' 1"	17' 1"	17' 1"	15' 3"	11' 5"	11' 5"	11' 5"
	24	20' 6"	20' 0"	17' 6"	16' 9"	16' 11"	14' 5"	13' 5"	13' 5"	12' 5"	9' 0"	9' 0"	9' 0"

Minimum yield strength = 40 ksi

³ Composite limiting heights based on double layer 1/2" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754.

Dietrich UltraSTEEL® Framing's 25-Gauge EQ Composite Limiting Heights (2 layers 5/8" thick gypsum wallboard)⁴

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTN	12	15' 6"	14' 9"	12' 11"	12' 8"	12' 8"	—	11' 0"	11' 0"	—	8' 8"	—	—
	16	14' 8"	13' 4"	11' 8"	12' 0"	11' 8"	—	10' 5"	—	—	—	—	—
	24	12' 11"	11' 9"	—	10' 7"	—	—	8' 8"	—	—	—	—	—
250 USTN	12	16' 0"	16' 0"	14' 7"	14' 3"	14' 3"	12' 5"	12' 4"	12' 4"	10' 4"	10' 1"	10' 1"	—
	16	16' 0"	15' 1"	13' 2"	13' 1"	13' 1"	11' 6"	11' 4"	11' 4"	10' 5"	8' 11"	8' 11"	—
	24	13' 9"	13' 1"	10' 10"	11' 3"	10' 10"	—	9' 9"	9' 0"	—	—	—	—
362 USTN	12	23' 0"	19' 5"	16' 5"	18' 10"	16' 5"	13' 5"	16' 3"	14' 3"	11' 8"	12' 10"	11' 8"	9' 6"
	16	20' 1"	16' 8"	14' 3"	16' 6"	14' 3"	12' 3"	13' 11"	12' 10"	11' 1"	11' 0"	11' 0"	9' 6"
	24	16' 8"	14' 10"	12' 1"	13' 1"	12' 1"	9' 10"	11' 2"	10' 6"	8' 6"	8' 10"	8' 6"	—
400 USTN	12	24' 0"	21' 2"	18' 5"	19' 7"	18' 5"	15' 9"	17' 0"	16' 6"	13' 11"	13' 4"	13' 4"	11' 5"
	16	20' 10"	19' 0"	16' 3"	17' 0"	16' 3"	13' 10"	14' 6"	14' 6"	12' 5"	11' 1"	11' 1"	10' 8"
	24	17' 1"	16' 10"	14' 1"	13' 8"	13' 8"	11' 3"	11' 7"	11' 7"	9' 6"	8' 11"	8' 11"	—
600 USTN	12	30' 1"	25' 0"	21' 10"	24' 7"	21' 10"	19' 1"	20' 9"	19' 10"	17' 4"	13' 10"	13' 10"	13' 10"
	16	25' 7"	22' 11"	20' 0"	20' 11"	20' 0"	17' 6"	17' 1"	17' 1"	15' 7"	11' 5"	11' 5"	11' 5"
	24	20' 6"	20' 6"	18' 1"	16' 9"	16' 11"	14' 10"	13' 5"	13' 5"	12' 7"	9' 0"	9' 0"	9' 0"

Minimum yield strength = 40 ksi

⁴ Composite limiting heights based on double layer 5/8" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754.

Dietrich UltraSTEEL® Framing's 20 DW-Gauge EQ Physical and Structural Properties

Member Designation	Base Metal Thickness (inches)	Effective Metal Thickness (inches)	Weight (lbs/ft)	Gross Section Properties					Effective Section Properties		Allowable Moment M_a (in-lbs)	Torsional Section Properties				
				Area (in ²)	I_x (in ⁴)	r_x (in)	I_y (in ⁴)	r_y (in)	I_{xe} (in ⁴)	S_{xe} (in ³)		X_o (in)	J (10 ³ in ⁴)	C_w (in ⁶)	R_o (in)	Beta (degree)
162 USTE	0.025	0.055	0.391	0.115	0.054	0.685	0.024	0.455	0.052	0.048	1,157	-1.050	2.653	0.014	1.333	0.380
250 USTE	0.025	0.055	0.469	0.138	0.142	1.015	0.028	0.447	0.136	0.090	2,166	-0.923	3.184	0.034	1.442	0.591
362 USTE	0.025	0.055	0.570	0.168	0.334	1.412	0.031	0.430	0.320	0.119	2,841	-0.804	3.868	0.078	1.681	0.771
400 USTE	0.025	0.055	0.604	0.177	0.421	1.540	0.032	0.423	0.403	0.132	3,155	-0.771	4.095	0.098	1.774	0.811
600 USTE	0.025	0.055	0.782	0.230	1.111	2.197	0.035	0.391	1.017	0.234	5,593	-0.637	5.310	0.247	2.321	0.925

Notes: Section properties are determined in accordance with AISI-NASPEC 2001.
 Section properties are conservatively calculated using the thickness and yield strength of the base material, prior to the Dietrich UltraSTEEL® forming process.
 Calculated effective moment of inertia (I_{xe}) is based on serviceability determination.
 Effective section properties and moment capacity did not incorporate stress increase as a result of cold work of forming.
 Yield Strength = 40 ksi

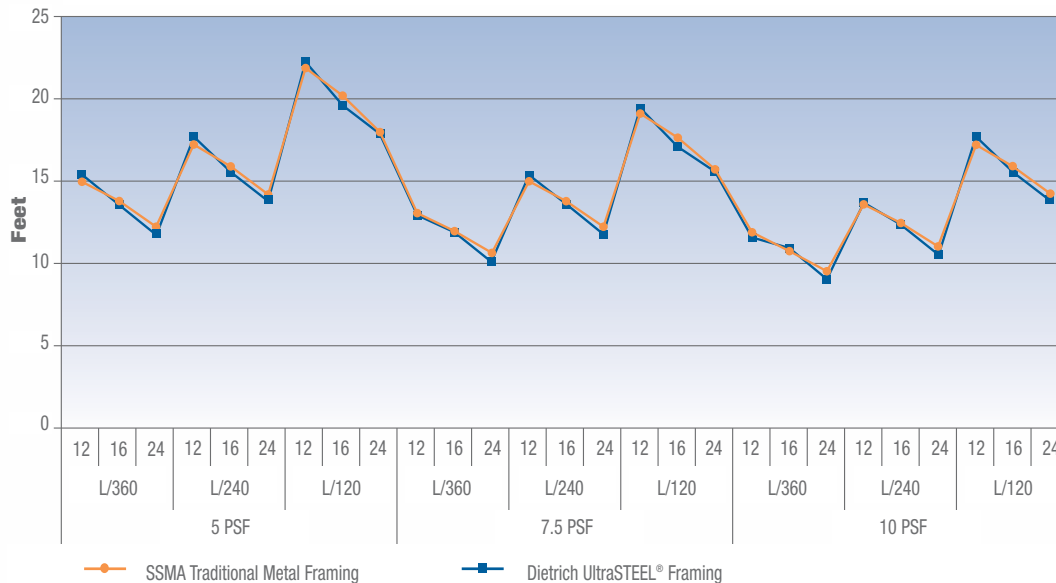
Dietrich UltraSTEEL® Framing's 20 DW-Gauge EQ Composite Limiting Heights (1 layer 1/2" thick gypsum wallboard)¹

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTE	12	17' 4"	13' 9"	12' 0"	15' 2"	12' 0"	7' 7"	13' 9"	8' 9"	—	12' 0"	—	—
	16	12' 8"	10' 1"	8' 10"	11' 1"	8' 10"	7' 8"	10' 1"	8' 0"	—	8' 10"	—	—
	24	14' 0"	9' 0"	—	12' 3"	—	—	9' 0"	—	—	—	—	—
250 USTE	12	19' 10"	15' 9"	13' 6"	17' 4"	13' 6"	10' 8"	15' 9"	11' 5"	9' 1"	13' 6"	9' 1"	—
	16	16' 5"	13' 0"	11' 4"	14' 4"	11' 4"	9' 11"	13' 0"	10' 4"	9' 0"	9' 5" f	9' 0"	7' 10"
	24	16' 0"	11' 10"	9' 5"	14' 0"	9' 5"	7' 8"	11' 10"	8' 1"	—	9' 5"	—	—
362 USTE	12	22' 0"	17' 5"	15' 1"	19' 2"	15' 1"	12' 10"	17' 5"	13' 5"	11' 5"	15' 1"	11' 5"	9' 9"
	16	19' 4"	15' 4"	13' 5"	16' 11"	13' 5"	11' 9"	15' 4"	12' 2"	10' 8"	12' 11" f	10' 8"	9' 3"
	24	17' 8"	13' 8"	11' 7"	15' 5"	11' 7"	9' 11"	13' 8"	10' 4"	8' 10"	11' 7"	8' 10"	7' 7"
400 USTE	12	24' 3"	19' 3"	16' 9"	21' 2"	16' 9"	14' 8"	19' 3"	15' 3"	13' 2"	16' 9"	13' 2"	11' 3"
	16	21' 9"	17' 3"	15' 0"	19' 0"	15' 0"	13' 2"	17' 3"	13' 8"	11' 11"	15' 0"	11' 11"	10' 5"
	24	19' 5"	15' 5"	13' 3"	17' 0"	13' 3"	11' 1"	15' 5"	11' 8"	9' 10"	12' 10" f	9' 10"	8' 3"
600 USTE	12	30' 8"	24' 4"	21' 3"	26' 9"	21' 3"	18' 7"	24' 4"	19' 4"	16' 10"	21' 3"	16' 10"	14' 7"
	16	28' 0"	22' 3"	19' 5"	24' 6"	19' 5"	17' 0"	22' 3"	17' 8"	15' 5"	18' 9" f	15' 5"	13' 5"
	24	25' 0"	19' 10"	17' 4"	21' 10" f	17' 4"	14' 10"	18' 11" f	15' 7"	13' 2"	14' 3" s	13' 2"	11' 3"

f: Flexural stress controls allowable wall height s: Shear/web crippling control allowable wall height Minimum yield strength = 40 ksi

¹ Composite limiting heights based on single layer 1/2" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754. Tested to ICC acceptance criteria AC86

20 DW-Gauge EQ Dietrich UltraSTEEL® Framing with 1 layer 1/2" thick gypsum wallboard Compared to Traditional SSMA 362S125-30



Patents

Products manufactured using the UltraSTEEL® process are protected by granted USA Patents (Nos. 6,183,879 and 5,689,990) and granted Canadian Patent (No. 2,149,914/1993) together with design registration. UltraSTEEL® is a Trademark of Hadley Industries plc.

Dietrich UltraSTEEL® Framing's 20 DW-Gauge EQ Composite Limiting Heights (1 layer 5/8" thick gypsum wallboard)²

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTE	12	18' 1"	14' 5"	12' 7"	15' 10"	12' 7"	7' 11"	14' 5"	9' 4"	—	12' 7"	—	—
	16	13' 7"	10' 9"	9' 5"	11' 10"	9' 5"	8' 3"	10' 9"	8' 7"	—	9' 5"	—	—
	24	15' 5"	9' 9"	—	13' 6"	—	—	9' 9"	—	—	—	—	—
250 USTE	12	21' 1"	16' 9"	14' 5"	18' 5"	14' 5"	11' 2"	16' 9"	12' 0"	9' 5"	14' 5"	9' 5"	—
	16	17' 2"	13' 8"	11' 11"	15' 0"	11' 11"	10' 5"	13' 8"	10' 10"	9' 5"	9' 6"	9' 5"	8' 3"
	24	17' 1"	12' 6"	9' 9"	14' 11"	9' 9"	7' 9"	12' 6"	8' 4"	—	9' 9"	—	—
362 USTE	12	22' 6"	17' 10"	15' 5"	19' 8"	15' 5"	13' 0"	17' 10"	13' 8"	11' 6"	15' 5"	11' 6"	9' 9"
	16	19' 8"	15' 8"	13' 8"	17' 2"	13' 8"	11' 11"	15' 8"	12' 5"	10' 10"	12' 11"	10' 10"	9' 6"
	24	18' 3"	14' 0"	11' 10"	15' 10"	11' 10"	10' 0"	14' 0"	10' 6"	8' 11"	11' 10"	8' 11"	7' 9"
400 USTE	12	24' 11"	19' 9"	17' 3"	21' 9"	17' 3"	15' 1"	19' 9"	15' 8"	13' 6"	17' 3"	13' 6"	11' 5"
	16	22' 3"	17' 8"	15' 5"	19' 5"	15' 5"	13' 6"	17' 8"	14' 0"	12' 3"	15' 5"	12' 3"	10' 8"
	24	20' 1"	15' 11"	13' 8"	17' 6"	13' 8"	11' 4"	15' 11"	11' 11"	9' 11"	12' 10"	9' 11"	8' 5"
600 USTE	12	30' 11"	24' 7"	21' 5"	27' 0"	21' 5"	18' 9"	24' 7"	19' 6"	17' 0"	21' 5"	17' 0"	14' 9"
	16	28' 4"	22' 6"	19' 8"	24' 9"	19' 8"	17' 2"	22' 6"	17' 10"	15' 7"	18' 10"	15' 7"	13' 7"
	24	25' 5"	20' 2"	17' 8"	21' 11"	17' 8"	15' 0"	18' 11"	15' 9"	13' 3"	14' 4"	13' 3"	11' 5"

Minimum yield strength = 40 ksi

² Composite limiting heights based on single layer 5/8" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754.

Dietrich UltraSTEEL® Framing's 20 DW-Gauge EQ Composite Limiting Heights (2 layers 1/2" thick gypsum wallboard)³

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTE	12	22' 7"	17' 11"	15' 8"	19' 5"	15' 8"	9' 0"	16' 10"	11' 1"	—	13' 9"	—	—
	16	16' 3"	12' 11"	11' 3"	14' 3"	11' 3"	9' 10"	12' 11"	10' 3"	—	11' 3"	—	—
	24	17' 7"	11' 9"	—	14' 4"	—	—	11' 9"	—	—	—	—	—
250 USTE	12	23' 6"	19' 9"	16' 11"	21' 3"	16' 11"	12' 7"	18' 5"	13' 8"	10' 3"	15' 0"	10' 3"	—
	16	19' 7"	15' 7"	13' 7"	17' 2"	13' 7"	11' 11"	15' 7"	12' 4"	10' 10"	9' 6"	9' 6"	9' 5"
	24	19' 2"	14' 5"	10' 10"	15' 8"	10' 10"	8' 2"	13' 5"	8' 11"	—	10' 3"	—	—
362 USTE	12	24' 2"	19' 2"	16' 6"	21' 2"	16' 6"	13' 7"	19' 2"	14' 4"	11' 10"	16' 6"	11' 10"	9' 10"
	16	20' 8"	16' 5"	14' 4"	18' 1"	14' 4"	12' 6"	16' 5"	13' 0"	11' 5"	12' 11"	11' 5"	9' 11"
	24	19' 9"	14' 11"	12' 4"	17' 2"	12' 4"	10' 2"	14' 11"	10' 9"	8' 11"	12' 2"	8' 11"	7' 9"
400 USTE	12	27' 0"	21' 5"	18' 9"	23' 7"	18' 9"	16' 4"	21' 5"	17' 0"	14' 7"	17' 10"	14' 7"	12' 2"
	16	23' 11"	19' 0"	16' 7"	20' 11"	16' 7"	14' 6"	19' 0"	15' 1"	13' 2"	15' 9"	13' 2"	11' 6"
	24	21' 11"	17' 4"	14' 10"	18' 5"	14' 10"	11' 11"	16' 0"	12' 8"	10' 2"	12' 10"	10' 2"	8' 5"
600 USTE	12	31' 8"	25' 2"	22' 0"	27' 8"	22' 0"	19' 3"	25' 2"	20' 0"	17' 5"	21' 7"	17' 5"	15' 1"
	16	29' 2"	23' 2"	20' 3"	25' 6"	20' 3"	17' 8"	23' 1"	18' 5"	16' 1"	18' 10"	16' 1"	14' 0"
	24	26' 7"	21' 1"	18' 5"	21' 11"	18' 5"	15' 5"	18' 11"	16' 5"	13' 5"	14' 4"	13' 5"	11' 5"

Minimum yield strength = 40 ksi

³ Composite limiting heights based on double layer 1/2" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754.

Dietrich UltraSTEEL® Framing's 20 DW-Gauge EQ Composite Limiting Heights (2 layers 5/8" thick gypsum wallboard)⁴

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTE	12	23' 6"	20' 4"	17' 9"	19' 5"	17' 9"	9' 9"	16' 10"	12' 5"	—	13' 9"	—	—
	16	18' 2"	14' 5"	12' 7"	15' 11"	12' 7"	11' 0"	14' 5"	11' 6"	—	12' 2"	—	—
	24	17' 7"	13' 2"	—	14' 4"	—	—	12' 5"	—	—	—	—	—
250 USTE	12	23' 6"	21' 10"	18' 8"	21' 3"	18' 8"	13' 7"	18' 5"	14' 11"	10' 11"	15' 0"	10' 11"	—
	16	21' 4"	16' 11"	14' 10"	18' 8"	14' 10"	12' 11"	16' 3"	13' 5"	11' 9"	9' 6"	9' 6"	9' 6"
	24	19' 2"	15' 10"	11' 8"	15' 8"	11' 8"	8' 6"	13' 5"	9' 4"	—	10' 3"	—	—
362 USTE	12	25' 5"	20' 2"	17' 4"	22' 3"	17' 4"	14' 0"	20' 2"	14' 11"	12' 1"	17' 3"	12' 1"	9' 10"
	16	21' 5"	17' 0"	14' 10"	18' 9"	14' 10"	13' 0"	17' 0"	13' 6"	11' 10"	12' 11"	11' 10"	10' 4"
	24	20' 11"	15' 8"	12' 9"	17' 11"	12' 9"	10' 4"	15' 6"	11' 0"	9' 0"	12' 2"	9' 0"	7' 9"
400 USTE	12	28' 6"	22' 7"	19' 9"	24' 11"	19' 9"	17' 3"	21' 10"	17' 11"	15' 4"	17' 10"	15' 4"	12' 8"
	16	25' 2"	20' 0"	17' 5"	22' 0"	17' 5"	15' 3"	19' 3"	15' 10"	13' 10"	15' 9"	13' 10"	12' 1"
	24	22' 7"	18' 5"	15' 8"	18' 5"	15' 8"	12' 4"	16' 0"	13' 3"	10' 5"	12' 10"	10' 5"	8' 5"
600 USTE	12	32' 3"	25' 7"	22' 5"	28' 2"	22' 5"	19' 7"	25' 7"	20' 4"	17' 9"	21' 7"	19' 7"	15' 3"
	16	29' 10"	23' 8"	20' 8"	26' 1"	20' 8"	18' 1"	23' 1"	18' 9"	16' 5"	18' 10"	16' 5"	14' 4"
	24	26' 10"	21' 9"	19' 1"	21' 11"	19' 1"	15' 10"	18' 11"	16' 10"	13' 7"	14' 4"	13' 7"	11' 5"

Minimum yield strength = 40 ksi

⁴ Composite limiting heights based on double layer 5/8" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754.

Dietrich UltraSTEEL® Framing's 20 STR-Gauge* EQ Physical and Structural Properties

Member Designation	Base Metal Thickness (inches)	Effective Metal Thickness (inches)	Weight (lbs/ft)	Gross Section Properties					Effective Section Properties		Allowable Moment M_a (in-lbs)	Torsional Section Properties				
				Area (in ²)	I_x (in ⁴)	r_x (in)	I_y (in ⁴)	r_y (in)	I_{xe} (in ⁴)	S_{xe} (in ³)		X_o (in)	J (10 ³ in ⁴)	C_w (in ⁶)	R_o (in)	Beta (degree)
162 USTX	0.028	0.060	0.436	0.128	0.060	0.683	0.026	0.453	0.059	0.056	1,347	-1.046	3.714	0.015	1.329	0.381
250 USTX	0.028	0.060	0.524	0.154	0.158	1.013	0.031	0.445	0.154	0.104	2,481	-0.919	4.460	0.038	1.438	0.592
362 USTX	0.028	0.060	0.637	0.187	0.372	1.410	0.034	0.428	0.364	0.140	3,349	-0.800	5.420	0.086	1.677	0.772
400 USTX	0.028	0.060	0.674	0.198	0.469	1.538	0.035	0.422	0.458	0.155	3,723	-0.768	5.740	0.108	1.770	0.812
600 USTX	0.028	0.060	0.875	0.257	1.240	2.195	0.039	0.389	1.150	0.278	6,654	-0.634	7.447	0.274	2.318	0.925

Notes: Section properties are determined in accordance with AISI-NASPEC 2001.
 Section properties are conservatively calculated using the thickness and yield strength of the base material, prior to the Dietrich UltraSTEEL® forming process.
 Calculated effective moment of inertia (I_{xe}) is based on serviceability determination.
 Effective section properties and moment capacity did not incorporate stress increase as a result of cold work of forming.
 Yield Strength = 40 ksi

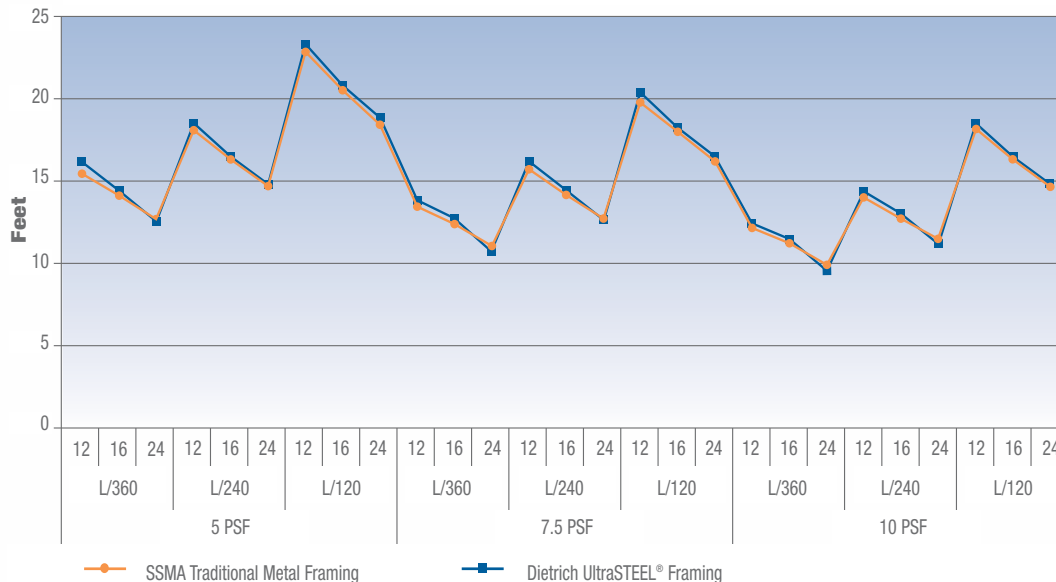
Dietrich UltraSTEEL® Framing's 20 STR-Gauge* EQ Composite Limiting Heights (1 layer 1/2" thick gypsum wallboard)¹

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTX	12	14' 8"	11' 8"	9' 8"	12' 10"	9' 8"	8' 1"	11' 8"	8' 6"	—	9' 8"	—	—
	16	12' 4"	9' 10"	8' 7"	10' 10"	8' 7"	—	9' 10"	7' 10"	—	8' 7"	—	—
	24	12' 3"	8' 10"	—	10' 2"	—	—	8' 10"	—	—	—	—	—
250 USTX	12	18' 8"	14' 10"	12' 8"	16' 4"	12' 8"	10' 9"	14' 10"	11' 3"	9' 7"	12' 8"	9' 7"	8' 2"
	16	16' 4"	13' 0"	11' 4"	14' 3"	11' 4"	9' 11"	13' 0"	10' 4"	9' 0"	11' 4"	9' 0"	7' 10"
	24	15' 4"	11' 8"	9' 10"	13' 3"	9' 10"	8' 4"	11' 8"	8' 9"	—	9' 10"	—	—
362 USTX	12	23' 5"	18' 7"	16' 3"	20' 5"	16' 3"	13' 11"	18' 7"	14' 7"	12' 5"	16' 3"	12' 5"	10' 7"
	16	20' 11"	16' 7"	14' 6"	18' 3"	14' 6"	12' 8"	16' 7"	13' 2"	11' 6"	14' 6"	11' 6"	10' 1"
	24	18' 11"	14' 11"	12' 8"	16' 7"	12' 8"	10' 10"	14' 11"	11' 4"	9' 8"	12' 8"	9' 8"	8' 4"
400 USTX	12	25' 0"	19' 10"	17' 4"	21' 10"	17' 4"	15' 1"	19' 10"	15' 9"	13' 8"	17' 4"	13' 8"	11' 9"
	16	22' 8"	17' 11"	15' 8"	19' 9"	15' 8"	13' 8"	17' 11"	14' 3"	12' 5"	15' 8"	12' 5"	10' 11"
	24	20' 1"	16' 0"	13' 11"	17' 7"	13' 11"	11' 10"	16' 0"	12' 5"	10' 7"	12' 2" s	10' 7"	9' 0"
600 USTX	12	33' 1"	26' 3"	22' 11"	28' 10"	22' 11"	20' 0"	26' 3"	20' 10"	18' 2"	22' 11"	18' 2"	15' 9"
	16	30' 3"	24' 0"	21' 0"	26' 5"	21' 0"	18' 4"	24' 0"	19' 1"	16' 8"	20' 3" s	16' 8"	14' 7"
	24	27' 0"	21' 5"	18' 9"	23' 7"	18' 9"	16' 1"	21' 5"	16' 10"	14' 4"	15' 0" s	14' 4"	12' 2"

f: Flexural stress controls allowable wall height s: Shear/web crippling control allowable wall height Minimum yield strength = 40 ksi

¹Composite limiting heights based on single layer 1/2" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754. Tested to ICC acceptance criteria AC86

20 STR-Gauge* EQ Dietrich UltraSTEEL® Framing with 1 layer 1/2" thick gypsum wallboard Compared to Traditional SSMA 362S125-33



Patents

Products manufactured using the UltraSTEEL® process are protected by granted USA Patents (Nos. 6,183,879 and 5,689,990) and granted Canadian Patent (No. 2,149,914/1993) together with design registration. UltraSTEEL® is a Trademark of Hadley Industries plc.

*Available in limited markets

Dietrich UltraSTEEL® Framing's 20 STR-Gauge* EQ Composite Limiting Heights (1 layer 5/8" thick gypsum wallboard)²

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTX	12	15' 8"	12' 5"	10' 2"	13' 8"	10' 2"	8' 5"	12' 5"	8' 11"	—	10' 2"	—	—
	16	13' 0"	10' 4"	9' 0"	11' 4"	9' 0"	—	10' 4"	8' 2"	—	9' 0"	—	—
	24	13' 2"	9' 4"	—	10' 10"	—	—	9' 4"	—	—	—	—	—
250 USTX	12	19' 6"	15' 5"	13' 2"	17' 0"	13' 2"	11' 1"	15' 5"	11' 7"	9' 10"	13' 2"	9' 10"	8' 4"
	16	16' 11"	13' 5"	11' 9"	14' 10"	11' 9"	10' 3"	13' 5"	10' 8"	9' 4"	11' 9"	9' 4"	8' 2"
	24	16' 1"	12' 2"	10' 2"	13' 10"	10' 2"	8' 7"	12' 2"	9' 0"	—	10' 2"	—	—
362 USTX	12	24' 0"	19' 1"	16' 8"	21' 0"	16' 8"	14' 2"	19' 1"	14' 11"	12' 8"	16' 8"	12' 8"	10' 9"
	16	21' 5"	17' 0"	14' 10"	18' 8"	14' 10"	13' 0"	17' 0"	13' 6"	11' 9"	14' 10"	11' 9"	10' 4"
	24	19' 7"	15' 4"	12' 11"	17' 1"	12' 11"	11' 0"	15' 4"	11' 6"	9' 10"	12' 10"	9' 10"	8' 5"
400 USTX	12	25' 6"	20' 3"	17' 8"	22' 4"	17' 8"	15' 6"	20' 3"	16' 1"	14' 0"	17' 8"	14' 0"	12' 0"
	16	23' 2"	18' 4"	16' 0"	20' 3"	16' 0"	14' 0"	18' 4"	14' 7"	12' 9"	16' 0"	12' 9"	11' 1"
	24	20' 8"	16' 5"	14' 4"	18' 1"	14' 4"	12' 1"	16' 5"	12' 8"	10' 8"	12' 2"	10' 8"	9' 1"
600 USTX	12	33' 6"	26' 7"	23' 3"	29' 3"	23' 3"	20' 4"	26' 7"	21' 1"	18' 5"	23' 3"	18' 5"	15' 11"
	16	30' 9"	24' 5"	21' 4"	26' 10"	21' 4"	18' 8"	24' 5"	19' 5"	16' 11"	20' 3"	16' 11"	14' 9"
	24	27' 7"	21' 11"	19' 2"	24' 1"	19' 2"	16' 4"	21' 11"	17' 2"	14' 6"	15' 0"	14' 6"	12' 3"

Minimum yield strength = 40 ksi

² Composite limiting heights based on single layer 5/8" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754.

Dietrich UltraSTEEL® Framing's 20 STR-Gauge* EQ Composite Limiting Heights (2 layers 1/2" thick gypsum wallboard)³

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTX	12	18' 10"	14' 11"	12' 0"	16' 5"	12' 0"	9' 9"	14' 11"	10' 4"	—	12' 0"	—	—
	16	15' 2"	12' 0"	10' 6"	13' 3"	10' 6"	—	12' 0"	9' 6"	—	10' 6"	—	—
	24	16' 0"	11' 0"	—	13' 0"	—	—	11' 0"	—	—	—	—	—
250 USTX	12	22' 1"	17' 7"	14' 9"	19' 4"	14' 9"	12' 2"	17' 7"	12' 11"	10' 8"	14' 8"	10' 8"	8' 10"
	16	18' 11"	15' 0"	13' 1"	16' 6"	13' 1"	11' 5"	15' 0"	11' 11"	10' 5"	12' 2"	10' 5"	9' 1"
	24	18' 5"	13' 9"	11' 4"	15' 1"	11' 4"	9' 4"	13' 0"	9' 11"	—	10' 7"	—	—
362 USTX	12	26' 1"	20' 9"	18' 1"	22' 10"	18' 1"	15' 3"	20' 9"	16' 1"	13' 5"	18' 1"	13' 5"	11' 2"
	16	23' 0"	18' 3"	15' 11"	20' 1"	15' 11"	13' 11"	18' 3"	14' 6"	12' 8"	15' 10"	12' 8"	11' 1"
	24	21' 6"	16' 9"	13' 11"	18' 3"	13' 11"	11' 8"	15' 10"	12' 3"	10' 3"	12' 10"	10' 3"	8' 7"
400 USTX	12	27' 5"	21' 10"	19' 1"	24' 0"	19' 1"	16' 8"	21' 10"	17' 3"	15' 0"	19' 1"	15' 0"	12' 9"
	16	24' 10"	19' 9"	17' 3"	21' 9"	17' 3"	15' 1"	19' 9"	15' 8"	13' 8"	16' 9"	13' 8"	11' 11"
	24	22' 5"	17' 10"	15' 6"	19' 4"	15' 6"	12' 10"	16' 9"	13' 7"	11' 3"	12' 2"	11' 3"	9' 4"
600 USTX	12	35' 1"	27' 10"	24' 4"	30' 8"	24' 4"	21' 3"	27' 10"	22' 1"	19' 4"	23' 11"	19' 4"	16' 7"
	16	32' 4"	25' 8"	22' 5"	28' 3"	22' 5"	19' 7"	25' 8"	20' 5"	17' 10"	20' 3"	17' 10"	15' 7"
	24	29' 5"	23' 4"	20' 5"	25' 5"	20' 5"	17' 3"	22' 0"	18' 2"	15' 0"	15' 0"	15' 0"	12' 6"

Minimum yield strength = 40 ksi

³ Composite limiting heights based on double layer 1/2" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754.

Dietrich UltraSTEEL® Framing's 20 STR-Gauge* EQ Composite Limiting Heights (2 layers 5/8" thick gypsum wallboard)⁴

Stud Member	Spacing (in.)	5 psf			7.5 psf			10 psf			15 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162 USTX	12	21' 1"	16' 8"	13' 4"	17' 6"	13' 4"	10' 8"	15' 2"	11' 5"	—	12' 5"	—	—
	16	16' 9"	13' 3"	11' 7"	14' 7"	11' 7"	—	13' 3"	10' 6"	—	10' 6"	—	—
	24	16' 0"	12' 2"	—	13' 0"	—	—	11' 3"	—	—	—	—	—
250 USTX	12	23' 6"	19' 1"	15' 11"	20' 9"	15' 11"	13' 1"	17' 11"	13' 10"	11' 4"	14' 8"	11' 4"	9' 4"
	16	20' 4"	16' 1"	14' 1"	17' 9"	14' 1"	12' 4"	15' 9"	12' 9"	11' 2"	12' 2"	11' 2"	9' 9"
	24	18' 5"	14' 11"	12' 2"	15' 1"	12' 2"	9' 11"	13' 0"	10' 6"	—	10' 7"	—	—
362 USTX	12	27' 8"	21' 11"	19' 2"	24' 2"	19' 2"	16' 0"	21' 11"	16' 11"	13' 11"	18' 3"	13' 11"	11' 7"
	16	24' 3"	19' 3"	16' 9"	21' 2"	16' 9"	14' 8"	19' 3"	15' 3"	13' 4"	15' 10"	13' 4"	11' 8"
	24	22' 5"	17' 9"	14' 8"	18' 3"	14' 8"	12' 1"	15' 10"	12' 9"	10' 7"	12' 10"	10' 7"	8' 10"
400 USTX	12	28' 10"	22' 11"	20' 0"	25' 2"	20' 0"	17' 6"	22' 11"	18' 2"	15' 9"	19' 3"	15' 9"	13' 4"
	16	26' 1"	20' 8"	18' 1"	22' 10"	18' 1"	15' 10"	20' 6"	16' 5"	14' 4"	16' 9"	14' 4"	12' 6"
	24	23' 8"	18' 10"	16' 5"	19' 4"	16' 5"	13' 5"	16' 9"	14' 3"	11' 8"	12' 2"	11' 8"	9' 7"
600 USTX	12	35' 6"	28' 9"	25' 1"	31' 7"	25' 1"	21' 11"	28' 9"	22' 10"	19' 11"	23' 11"	19' 11"	17' 0"
	16	33' 6"	26' 7"	23' 3"	29' 3"	23' 3"	20' 3"	26' 7"	21' 1"	18' 5"	20' 3"	18' 5"	16' 1"
	24	30' 9"	24' 5"	21' 4"	25' 5"	21' 4"	17' 10"	22' 0"	18' 11"	15' 5"	15' 0"	15' 0"	12' 7"

Minimum yield strength = 40 ksi

⁴ Composite limiting heights based on double layer 5/8" thick gypsum board full height on each side with screws spaced 12" O.C. to framing members per ASTM C 754.

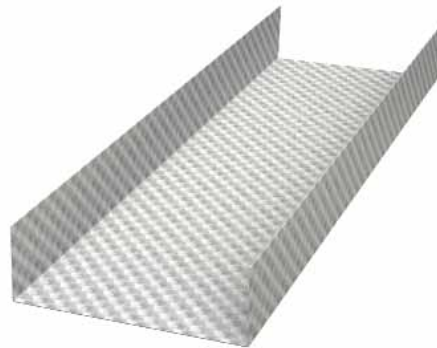
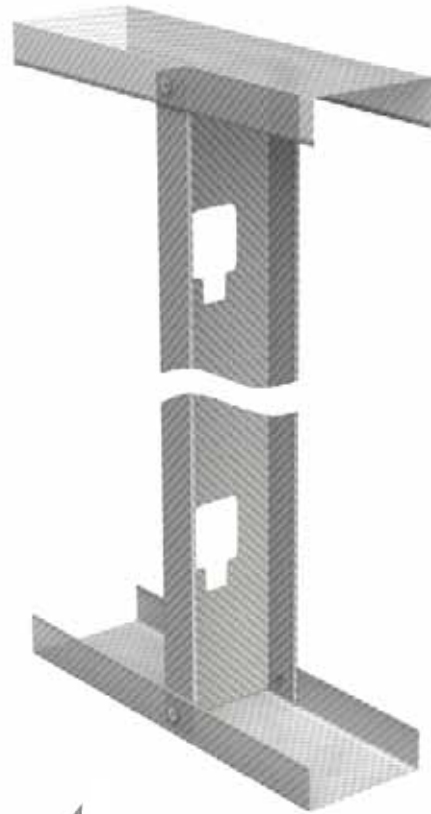
*Available in limited markets

UltraSTEEL® Drywall Nonload-Bearing (Nonstructural) Track (UT-Series™) Economical top and bottom plate or runner used to secure drywall studs to the floor and ceiling.

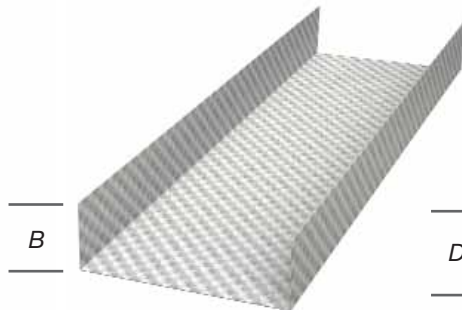
- Available in multiple leg heights
 - Standard 10' lengths, custom lengths available
 - Available Sizes:
1-5/8", 2-1/2", 3-1/2"* , 3-5/8", 4", 5-1/2"* and 6"
 - Available Gauges: 25 EQ, 20 DW EQ and 20 STR* EQ
EQ = Equivalent to traditional metal stud gauges
 - Product Code Designators
- | (Product) | (Gauge) | (Leg) |
|-----------|--------------|----------------|
| UT | N = 25EQ | B = 1-1/4" Leg |
| | E = 20DWEQ | D = 2" Leg |
| | X = 20STREQ* | F = 3" Leg |

* Available in limited markets

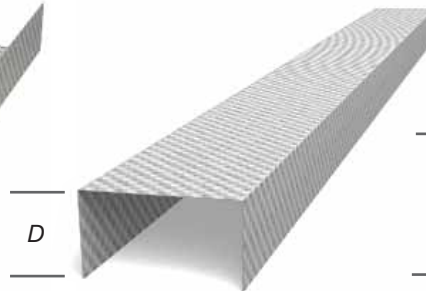
UltraSTEEL® track or runner is manufactured from corrosion-resistant, galvanized steel for corresponding stud sizes and gauges. The inside width of the track or web is equivalent to the outside width of the studs. Varying leg heights are available for deflection conditions or to accommodate uneven or inconsistent floor or ceiling conditions.



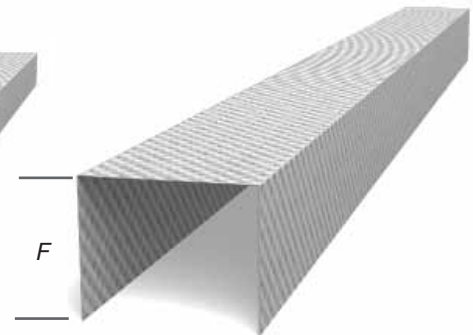
Drywall Track



1-1/4" Leg Drywall Track



2" Leg Drywall Track



3" Leg Drywall Track

