

America's Largest Light Gauge Steel Framing Manufacturer

An Introduction to Light Gauge Metal Framing



DIETRICH
METAL FRAMING
A Worthington Industries Company



Dietrich Metal Framing

The Dedicated and Preferred Light Gauge Metal Framing Partner

Dietrich Metal Framing is the largest manufacturer of steel framing products in the world. Since our founding in 1959, employees in our 19 state-of-the-art facilities have been committed to delivering exceptional building components and the most comprehensive customer support.

Our growth over the past five decades has been accomplished by providing products and services that meet the changing demands of the construction industry. The company's innovative framing systems, fire rated assemblies, engineering services and national distribution network streamline the building process. Couple those capabilities with company-owned production facilities, in-house metallurgy labs, domestic steel sourcing and a convenient JIT inventory management system, and you have a partner you can count on for continuity of supply, exemplary service and timely deliveries.

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Discover why Dietrich is the first choice in metal framing products. See the difference we can make on your next framing job.



WARNING:



Handling of this product without the proper use of hand and eye protection may result in injury.



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www.dietrichmetalframing.com

How to Use This Book

This guide is designed to introduce you to Dietrich Light Gauge Steel Framing and its applications. By understanding the various Dietrich products, you can recommend construction materials that effectively address the needs of your customers.

This publication is divided into 16 convenient sections that allow you to quickly find information about specific Dietrich products and their applications. It may also be used as a quick reference guide to help answer questions commonly asked by contractors, builders or do-it-yourself homeowners.

As the world's leading producer of light gauge steel framing, Dietrich manufactures a full range of products for any application. If you have questions or need additional technical information about a specific product, contact us. We're committed to helping both you and your customers.



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The Benefits of Light Gauge Steel Framing

Dietrich Light Gauge Steel Framing offers the unbeatable combination of durability, strength and stability. Ideal for use in commercial buildings, houses and schools, steel framing offers the following benefits:

Corrosion Resistance

- Steel framing members built into wall cavities, attic spaces or crawl spaces will last over 300 years when not exposed to water, according to a recent study conducted in England.
- Forensic studies recently conducted on Oahu, Hawaii residences built over 40 years ago with steel wall studs showed no visible signs of corrosion.
- Zinc coating protects steel by providing a physical barrier, as well as cathodic protection, to the underlying steel. When the base is exposed, such as at a cut or scratch, the steel is cathodically protected by the sacrificial corrosion of the zinc coating adjacent to the exposed steel.



Fire Resistance

- Steel framing is non-combustible and will not add fuel to a fire. It actually improves fire safety compliance with local codes and regulations.
- Steel framing offers code-approved increases in allowable floor area and/or allowable building heights, compared to conventional wood framing.
- One-third of all fires start in wall cavities.
- Actual case studies show steel houses perform extremely well in house fires, and experience little or no damage to the structural framing.



Termites

- Over \$1 billion is spent annually for prevention and control of termites, and to address the damage they create.
- Steel framing provides a termite-proof solution for the structural integrity of your project.
- The most ferocious termite is the Formosan Subterranea “Super Termite.”
- An average colony of termites consists of about 3 million insects, but can be as large as 10 million insects. A single colony normally survives approximately 35 years.
- A well-fed Formosan queen termite can live for 25 years and lay 1,000 eggs a day.



Mold

- Steel does not promote the growth of mold and reduces the threat of staggering litigation and expenses.
- Mold requires an organic nutrient source and moisture to grow and flourish. Unlike wood, steel is inorganic and does not contain moisture. Kiln-dried lumber still contains 11-14% residual water content.
- California has already passed mold-related laws, and nine other states have legislation pending.

Costs

- Steel is more economical than traditional masonry, concrete and other types of construction materials.
- Steel reduces or eliminates callback costs for nail pops, floor squeaks and wall cracks due to shrinkage. The National Association of Home Builders (NAHB) estimates the average callback costs the builder over \$350.00 per call.

- Steel lowers construction and homeowner's insurance costs.

Environmental Compatibility

- Steel offers builders an environmentally friendly alternative to wood.
- There is little waste when steel framing materials are used.
- Builders can reduce their disposal costs and divert material from local landfills.
- Building an average wood-frame home generates approximately 50 cubic feet of landfill waste. A comparable steel-frame home generates about 1.5 cubic feet of waste.



Pollution Control

- The Healthy House Institute recommends steel framing to support good indoor air quality.
- Homeowners sensitive to chemicals, and those susceptible to asthma, are exposed to fewer toxins in a steel-framed home.
- The American Lung Association encourages the use of steel framing with its Healthy House program.
- Steel resists mold spores that can lead to chronic illness.
- No pesticides or toxins are required to protect steel framing from termites or vermin.
- No emissions from resins, adhesives or chemicals normally used for wood construction occurs with steel.
- Better insulation values can be achieved with a combination of steel and EPS foam to reduce outside noise pollution.



Recycleability

- Steel is 100% recyclable and considered to be a green building material.



- Steel framing materials contain, on average, 67% recycled steel.
- Steel can be a significant factor in the LEED certification process.
- It takes 25 old-growth trees to build a 2,500 square-foot home, compared with 7 recycled automobiles for the same home with steel framing.
- 60 million tons of steel scrap is recycled each year – more than paper, aluminum, glass and plastic combined.



Lightning Resistance

- Steel buildings are lightning resistant because steel framing provides multiple conductive paths directly to the ground.

- A steel frame reduces the likelihood of explosions, secondary fires or personal injury.
- Steel skyscrapers have provided occupants with safe offices and residences for decades.



Earthquakes and Hurricanes

- Steel framing can be engineered to meet the highest seismic and wind loads prescribed by building codes.
- Steel has the highest strength-to-weight ratio of any framing material – a lighter structure with stronger connections results in less damage from seismic forces.
- Steel's strength and resiliency help it to survive earthquakes.
- With a steel structure, there is a smaller probability of wind damage due to stronger (screwed vs. nailed) connections.
- For generations, we have relied on the strength and durability of steel in our commercial buildings, hospitals and schools.

Handling

- Interior non-structural studs are cut easily with metal snips (aviator snips). They do not require the use of a circular saw.
- Metal studs simply twist into place and attach with screws. Mistakes can be corrected by reversing the screw gun.
- Steel studs are up to 50% lighter than wood.
- Pre-punched knock-outs eliminate drilling for electrical and plumbing lines.
- Special order cut-to-length material eliminates field cutting and waste.



A Basic Overview of Metal Framing

Metal framing (also referred to as metal or steel studs) has been used in noncombustible commercial construction for more than 40 years. Recently, however, metal framing has become more commonly used to frame entire structures, including non-structural interior walls, load-bearing exterior walls, floor joists, curtain walls and roof trusses.

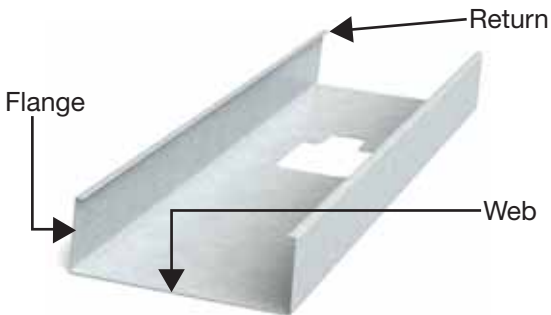
Regardless of the application, steel framing offers strength, quality and performance that is superior to wood. Those characteristics have broadened the capabilities of architects, and enabled them to design structures that are safer, as well as durable and dynamic.

The two primary applications for cold-formed metal framing are:

- Curtain wall or load bearing framing (structural framing)
- Interior non-structural (drywall framing)

Approximately 60% of metal studs used in the United States are interior non-structural wall partitions. This means they are not designed to carry a load other than wallboard.

Unlike conventional wood studs, where 2x4s are used as top and bottom plates, metal framing requires runners or tracks on the top and bottom.



Common Steel Framing Terms

Wooden boards are described as having faces and edges. Steel studs are described differently. Please note the following differences:

- Instead of a face, a steel stud has a web
- Instead of edges, steel studs have flanges and returns

Metal track also has its own terminology. Features of metal track are described in the following way:

- Instead of a face, metal track also has a web dimension
- What are called flanges on metal studs are known as legs for track
- Studs are manufactured in lengths ranging from 8' to 24'

Most building centers only stock steel studs in 8', 10' and 12' lengths. Track is available only in 10' lengths. Large orders may be cut to size at the factory.





UltraSTEEL® Drywall Framing For Non-Structural Interior Walls

Dietrich UltraSTEEL is the latest innovation in steel non-structural framing. UltraSTEEL has been engineered to deliver greater load-carrying capacity and stiffness, increased limiting heights, enhanced acoustical and fire performance and streamlined installation.

By using Dietrich's patented UltraSTEEL forming process, the depth of the steel sheet used to form UltraSTEEL components has effectively been increased while performance qualities are enhanced. In addition, because the raw steel sheet has been worked between two proprietary forming rolls to form UltraSTEEL, the material yield strength on each piece has been increased through work hardening.

A New Approach to Selecting the Correct Gauge

Metal framing comes in a wide variety of gauges or thicknesses. Generally speaking, the lower the gauge, the heavier and thicker the stud. For example, 20 gauge studs are thicker than 25 gauge studs. 25 gauge is the lightest or thinnest material available.

Since it is impossible to measure the base steel thickness of the UltraSTEEL® product, Underwriters Laboratories has created the term Effective Thickness which is the measurement across the peaks of the UltraSTEEL dimples, the thickest point of the steel. As a result, the base metal thicknesses of UltraSTEEL may be referenced in the following way:

- 25 gauge EQ; 0.015" bare metal; 0.034" dimple to dimple
- 20 DW gauge EQ; 0.025" bare metal; 0.055" dimple to dimple
- 20 STR gauge EQ; 0.028" bare metal; 0.060" dimple to dimple

UltraSTEEL® studs are:

- Twisted into the top and bottom tracks
- Screwed in place using 7/16" pan head framing screws
- Spaced at either 12", 16" or 24" on-center spacing, based on wall height or design preference
- Designed with C-shaped channels
- Roll-formed from corrosion-resistant, galvanized steel
- Ideal for efficient, low-cost framing of partition walls, ceilings and column fireproofing

Wall height, stud spacing and wind load determine the gauge required for the job. All UltraSTEEL interior studs may be cut to length, and are designed to support quick screw attachment of drywall or plaster facing materials. The tracks align and secure the studs to both floors and ceilings. UltraSTEEL tracks may also be used in conjunction with studs to construct openings, headers and sills.

Metal vs. Wood Sizing

Wood framing is commonly referenced in nominal terms. A 2x4, for example, is really 3-1/2" x 1-1/2". Metal framing, on the other hand, is referenced by actual size. As a result, you will get exactly what you order. If you request a 3-5/8" stud, you will get a full 3-5/8" width.

When a contractor asks for a metal 2x4, does he or she want an actual 2x4 stud or 3-5/8" metal stud? Be sure to ask for specifics, or call your Dietrich Metal Framing sales representative for assistance.

Dietrich interior framing studs are easily distinguished by their unique UltraSTEEL dimpled pattern. Punch-outs provide mechanical access and reduce or eliminate the need to cut or drill holes. When running wire or pipe through the punch-outs, protection is required to:



- Avoid damaging wire insulation
- Prevent the potential for chemical reactions between dissimilar metals
- Eliminate the potential for components to rattle inside the wall
- Comply with building codes

Protection for pipe or wire is easily handled with plastic grommets or sections of pipe insulation.

Drywall Track*

- Size: (Web): 1-5/8", 2-1/2", 3-1/2", 3-5/8", 4", 5-1/2" and 6"
- Gauge: 25 EQ, 20 DW EQ and 20 STR EQ
- Flange: 1-1/4", 2" and 3"
- Market Synonyms: Runner, Plate, Drywall Track (DWT) and Cold Runner (CR)
- Applications: Drywall track is attached to floors and ceilings to hold studs in place

Drywall Stud*

- Size: (Web): 1-5/8", 2-1/2", 3-1/2", 3-5/8", 4", 5-1/2" and 6"
- Gauge: 25 EQ, 20 DW EQ and 20 STR EQ
- Flange: 1-1/4"
- Market Synonyms: Tin Can, Drywall Stud (DWS) SS, Light Gauge Stud (LGS)
- Applications: Non-structural partition walls, ceilings, column fire proofing

* Not all sizes are available in all markets





Dietrich Metal Framing manufactures a complete line of UltraSTEEL drywall studs. Made from corrosion-resistant, galvanized steel, drywall studs are available in:

- 25, 20 DW EQ and 20 STR EQ gauges
- 1-5/8", 2-1/2", 3-1/2", 3-5/8", 4", 5-1/2" and 6" widths

The 3-5/8" width is the most common web size used in interior non-structural wall framing. Matching track is available for each stud size with 1-1/4", 2" and 3" leg heights.

Non-structural interior framing (often called drywall framing) is only used for:

- Construction of interior walls that do not support any load from above
- Walls that will not be exposed to any wind forces

UltraSTEEL drywall studs are used for non-structural partition walls and ceilings. Knockouts (pre-punched holes) are conveniently placed in the studs to facilitate the installation of electrical wiring, plumbing, and bridging.

At the jobsite, UltraSTEEL studs are:

- Connected to floor and ceiling tracks (runners) with pan head screws
- Spaced at either 12", 16" or 24" on-center spacing.
- Covered with wallboard or other sheathing.

Like most products, drywall studs can be purchased in stock lengths or custom ordered to match specific job requirements. This flexibility allows the end user to more efficiently control labor costs at the job site.



Exterior and Curtain Wall Framing

Structural framing members are used to construct exterior and load-bearing walls for residential or commercial buildings. They may also be utilized in curtain wall assemblies (the outer skin of commercial buildings), or for floor and ceiling joists. In addition, structural framing members may be used in combination to create roof trusses and a variety of sophisticated assemblies.

Dietrich Metal Framing Big “D” Curtain Wall/Light Gauge Framing Systems offer the most diverse range of products available in the industry today. The flexibility to choose from a wide selection of gauges, yield strengths (KSIs), sizes and flanges allows designers to achieve optimal structural performance as economically as possible.

Proper use of these materials requires evaluation of a number of factors, including end uses and load criteria. Load tables, construction details and other important support information for proper selection and application of these members is available from any of the Dietrich locations shown at the back of this publication, or at www.dietrichmetalfaming.com.



Dietrich also provides assistance through Dietrich Design Group, our design services company. Our design group is equipped with a unique computer design aid that is optimized to analyze construction parameters, and provide critical comparisons based on required design criteria. The system will also recommend the most effective and economical products from our Big “D” Metal Framing Product line.

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Dietrich’s lightweight, cold-formed steel members can be assembled in various combinations to create framing systems for curtain walls, axial loaded walls, floors and roof systems. They are easily insulated for high levels of energy efficiency, and provide noncombustible support for fire rated construction. Dietrich light gauge metal framing offers a wide range of options that can be used in headers for doors, windows, and other openings.

Dietrich Metal Framing Components

Dietrich's Big "D" metal framing components are optimized for use in prefabricated panel construction, and provide exceptional performance and economy. Our structural product line consists of:

Structural Studs, available in the following configurations:

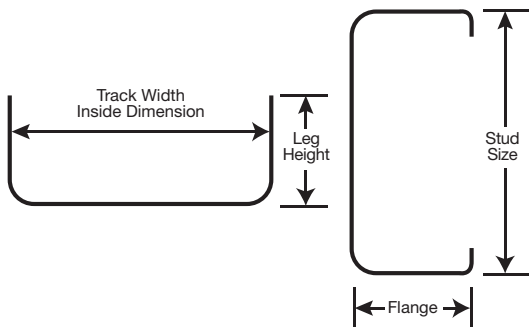
- Web sizes ranging from 2-1/2", 3-1/2"* , 3-5/8", 4", 5-1/2"* , 6", 8", 10", 12" and 14"
- Equal Flanges of 1 3/8", 1-5/8", 2", 2-1/2" and 3"
- Returns (lips) of 1/2", 5/8" and 1"
- Yield Strengths of 33 and 50 KSI
- Gauges of 20, 18, 16, 14 and 12

Structural Track (TSB), available in the following configurations:

- Matching Web sizes ranging from 2-1/2" to 14"
- Standard leg heights of 1-1/4" (unequal and equal leg heights up to 3" are available upon request)
- Standard 10' lengths (other lengths are available upon request) 33 and 50 KSI yield strengths also by special request, and gauges of 20, 18, 16, 14 and 12

Other sizes and gauges may be custom rolled as required. Call us for more information at 1-800-873-2443.

* Available in some markets.



Metal Trusses

Metal trusses are the high-performance, cost-effective alternative to structural steel, pressure treated wood, bar joist, and site assembled cold-formed trusses. Prefabricated, non-combustible, light-gauge trusses are available through Dietrich's joint venture company, AEGIS Metal Framing.

Our nationwide network of truss fabricators will engineer, design and factory-build trusses to your specifications. For more information and pricing, call AEGIS Metal Framing at 1-866-902-3447.



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

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"	14'-3"	12'-3"	16'-3" f	12'-10"	11'-0"	12'-10" f	11'-0"	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

How to Build an Interior Non-Structural Wall

Interior non-structural walls can be quickly and easily built when the following steps are followed:

Calculate the Room Dimensions: It is recommended that you sketch a top view of your project. Measure the lineal footage of all walls with a tape measure and write each wall's length on the layout.

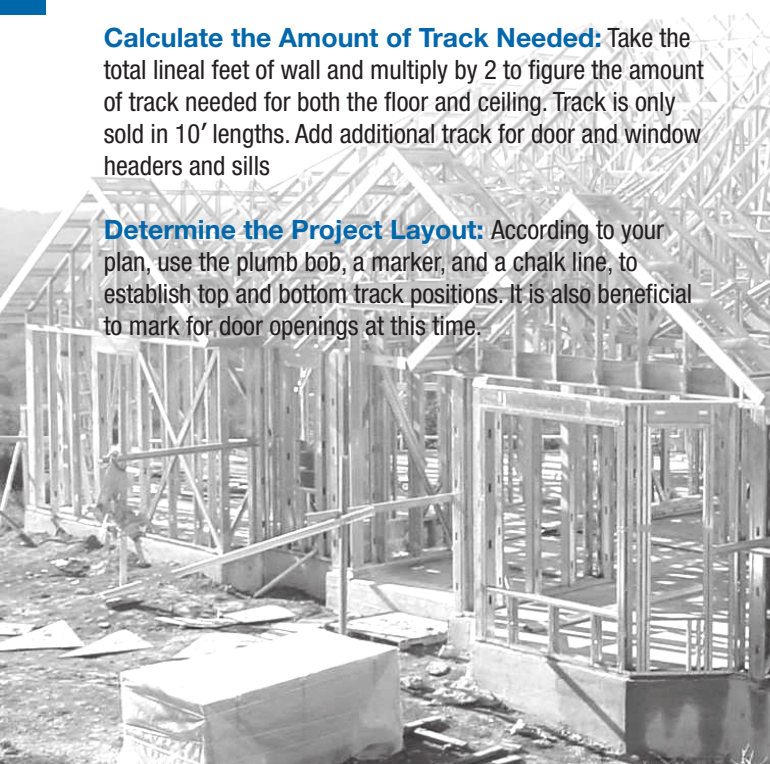
Determine the Stud Spacing: Based on the room height you will space studs on the following guidelines:

Interior Partition – Allowable Wall Height
Stud Spacing: 12", 16", 24"

Calculate the Number of Studs Needed: Based on spacing requirements, divide the wall length in feet by 1 (12" o.c.), 1.3 (16" o.c.), or 2 (24" o.c.) in order to calculate the number of studs needed. Be sure to add additional studs to accommodate corners and openings.

Calculate the Amount of Track Needed: Take the total lineal feet of wall and multiply by 2 to figure the amount of track needed for both the floor and ceiling. Track is only sold in 10' lengths. Add additional track for door and window headers and sills

Determine the Project Layout: According to your plan, use the plumb bob, a marker, and a chalk line, to establish top and bottom track positions. It is also beneficial to mark for door openings at this time.





Helpful Hints

Most wood trim can be attached with adhesive, and may require temporary screws while the adhesive sets.

If mechanical attachment is required, consider inserting sections of wood 2x4 inside the track for nailing.

Doorframes may be attached directly to steel framing, but some installers prefer wood 2x4 framing around the rough opening. If this option is chosen, frame the rough opening 3" wider to allow for wood studs.

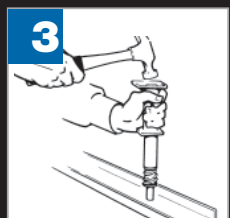
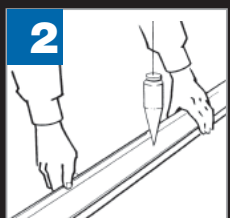
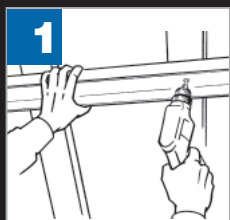
If framing is used to support insulation blankets, the insulation must be ordered to the full 16" or 24" width dimension.

Pictures or artwork can be easily hung with a standard drywall hanging hardware. Drywall screws are recommended, however, to attach directly to studs.

Extremely heavy shelving and other heavy objects should be anticipated and accommodated within the wall structure. Cross bracing with C-runners is recommended.

LIMITATION: 25-gauge steel studs are designed only for use in non-structural construction. Check your local building codes before beginning construction.

THE 1-2-3's OF



STEEL FRAMING



Structural Framing

Load Bearing and Curtain Wall Applications

Dietrich Metal Framing Big “D” Light Gauge Framing Systems offer the most diverse range of framing components available in the industry. The flexibility to choose from a wide selection of gauges, yield strengths, sizes and flange widths enables building designers to obtain optimal, cost-effective performance.

Lightweight steel framing from DMF can be assembled in a variety of ways to provide:

- Framing for curtain walls
- Axial loaded walls
- Floors
- Roof systems



Light gauge framing is ideal for use in:


- Low-rise and mid-rise construction
- Multifamily housing
- Most commercial, institutional and industrial structures

Structural or curtain wall framing is available in a variety of gauges, ranging from 20 to 12 gauge. The gauge or thickness is determined based on application, load and spacing.

Structural Gauges

Steel Thickness		Design Thickness		Minimum Thickness	
Gauge	Mils	in	mm	in	mm
20	33	0.0346	0.88	0.0329	0.84
18	43	0.0451	1.14	0.0428	1.08
16	54	0.0566	1.44	0.0538	1.37
14	68	0.0713	1.81	0.0677	1.72
12	97	0.1017	2.58	0.0966	2.45





Hole Placement – Dietrich studs and joists are made with pre-punched 1-1/2" wide holes in the web to accommodate plumbing and electrical installation. Holes are 12" o.c. from each end, with intermediate holes placed at 24" or 48" o.c. intervals. Webs less than 3-1/2" are punched with a 3/4" wide hole, unless otherwise specified. (on the West Coast holes short of 24" from the end)

Flange Dimensions

The key variation among stud styles is in the flange dimension. For most projects, the flange is the attachment surface for cladding materials. It also is a key contributor to the load-bearing capacity of the member.

Curtain Wall Studs, (CWN) A 1-3/8" flange stud used in light duty applications.

Standard Studs and Joists – (CSJ) Outfitted with a 1-5/8" flange, these components are Dietrich's most popular structural members, and provide the vertical strength necessary for demanding curtain wall and load-bearing structural applications.

Wide Studs and Joists – (CSW) These members have a wide 2" flange dimension that provides a larger bearing surface for attaching sub flooring or panel materials.

Extra Wide Studs and Joist – (CSE) These components feature an extra wide flange of 2-1/2". The additional 1/2" makes this member even more rigid in certain applications.

Super Wide Studs and Joist – (CSS) These components have the widest flange of 3". The super wide flange is especially useful for reducing the number of members needed for jamb or king stud conditions.

Structural Track – Designed to serve as channel runners at the top and base of curtain wall and load-bearing wall constructions, these members also work as end caps for joists.

Curtain Wall Framing

Curtain Wall Framing Systems support the exterior skin or cladding of commercial and industrial buildings. The studs for these framing systems must be able to withstand:

- The weight of the cladding material (metal, stone, tile, etc.)
- The wind loads to which they will be subjected

These studs do not support the floors and roof of a building.

Curtain Wall Studs – These are specifically designed for use in curtain wall applications. The 1-3/8" flange offers a sufficient surface for easy attachment of exterior cladding material. The studs also may be used in some light load-bearing situations.

Curtain Wall Studs are available in six standard web depths for added design flexibility:

- 2-1/2"
- 3-5/8"
- 4"
- 6"
- 8"

Gauges range from 20 to 12 (.033" - .097" thick). Additional sizes and gauges are available in some areas. Check with your Dietrich Sales Representative.

Structural Track

Web: 2-1/2", 3-1/2", 3-5/8", 4", 6", 8", 10", 12", 14" and 16"

Gauge: 20, 18, 16, 14 and 12

KSI Rating: 33 (50 KSI available by special request)

Applications:

- Axial Load Bearing Interior Walls
- Axial Load Bearing Exterior Walls
- Non-Axial Interior & Exterior Walls

Structural Stud

Web: 2-1/2", 3-1/2"* , 3-5/8", 4", 5-1/2"* , 6", 8", 10", 12", 14" and 16"

Gauge: 20, 18, 16, 14 and 12

KSI Rating: 33 and 50

Applications:

- Axial and Curtain Wall Framing
- Floor Joists
- Roof Trusses

* not available in all markets

Framing Accessory Products

Dietrich manufactures a number of accessories for use in a wide variety of framing configurations.

These products include:

- Drywall Furring Channel
- Z-Furring
- Resilient Channel
- U-Channel
- SPAZZER® Bridging
- Corner Angle

Drywall Furring Channel

Size (Web): 7/8" and 1-1/2"

Gauge: 25, 20, and 18

Market Synonyms:

- Hat Channel
- "DWC"
- High Hat
- Drywall Channel

Applications: Dietrich Drywall Furring Channel is a roll formed, hat-shaped section available in three gauges of galvanized steel. The DWC-25 channel is used for attachment of:

- Gypsum panels
- Veneer or conventional plaster base in ceiling construction
- Noncombustible furring for interior or exterior walls

Heavier FCE-20 and FCS-18 channels permit greater spans and load capacity. The channels are available in 7/8" and 1-1/2" depths.

Resilient Channel

Size: 1/2" (Single Leg and Double Leg)

Gauge: 25 and 20

Market Synonyms:

- RC-1
- RC-2
- RC Channel
- Sound Channel



Z-Furring

Size: 1", 1-1/2", 2" and 2-1/2"

Gauge: 25, 20, 18, 16, and 14

Applications: Dietrich Z-Furring Channel, made of 25 gauge, galvanized steel, is used to attach the following:

- Rigid foam and other types of insulation
- Gypsum panels
- Veneer gypsum base or conventional plaster base to the interior side of masonry walls
- Mineral fiber Z-furring insulation blankets when fire-resistant construction is required



U Channel

Size (Web): 3/4", 1-1/2", 2" and 2-1/2"

Gauge: 16

Market Synonyms:

- Cold Rolled Channel/CRC
- Black Iron
- Horizontal Bracing

Applications: Dietrich

U-Channel, made of 16-

gauge steel, is used to laterally

brace studs or with furring channels

in ceiling applications. When used as

lateral bracing, a clip angle is attached

to both the stud and U-Channel to prevent

stud rotation.





Bridging

The TradeReady® SPAZZER® 5400 Bar

Size: 50"

Gauge: 16

Market Synonyms:

- Bridging Bar



The TradeReady® SPAZZER® 5400 bar provides bridging for structural stud systems without mechanical attachment (Except in axial load bearing applications) in much the same way the SPAZZER 9200 bar works for drywall partitions. The 5400 is galvanized 16-gauge bar that is 50" long and is notched to rigidly hold studs on 12", 16" or 24" centers.

The SPAZZER bar's slots are engineered to use "shear" to bridge steel studs into a rigid, accurate pattern grid work. The 5400 bar is simply passed through the stud punch outs, rotated 90 degrees, and then the pre-notched slots are seated down over the web of the stud.

The TradeReady® SPAZZER® 9200 Bar

Size: 50"

Gauge: 20

Market Synonyms:

- Bridging Bar



The TradeReady® SPAZZER® 9200 bar provides bridging for drywall stud systems without mechanical attachment. The 9200 is a 20-gauge bar that is 50" long and is pre-notched to rigidly hold studs on 16" and 24" centers. A new concept in bridging, the 9200 bar is simply passed through the stud punch-outs, rotated 90 degrees, and then the pre-notched slots are seated down over the web of the stud.

The TradeReady® SPAZZER® System provides excellent resistance to stud rotation and displacement. This is particularly important for eliminating the bow that can occur in the middle of tall interior studs. The SPAZZER 9200 enables head-of-wall deflection without the need for:

- Slotted Head Tracks
- Double Head Tracks
- Proprietary Profile Head Tracks

Corner Angle

Size: 1-1/2" x 1-1/2" , 2" x 2" , 3" x 3" , 1-3/8" x 7/8"

Gauge: 25, 20, 18 and 16

Market Synonyms:

- L-Angle
- Utility Angle
- Shiny 90
- Angle

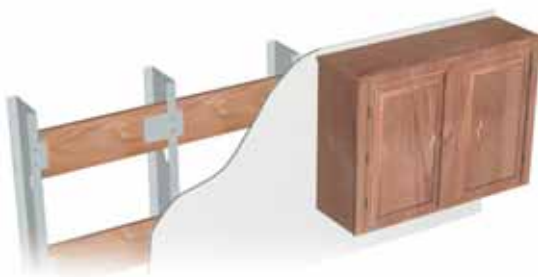


Applications: Metal Angle is made of 25, 20, 18 and 16 gauge, galvanized steel. All-purpose metal angle is available in four common sizes. The 1-3/8" x 7/8" size is used to secure core board to floors and ceilings in laminated drywall and veneer plaster systems. Other sizes are used for a variety of purposes.

Backing

Danback® Flexible Backing System the perfect backing solution for any project that requires heavy-duty backing.

- Reduces installation time up to 90%
- Available for 16" and 24"
- Eliminates cutting, notching, ripping and routing





Clips

Dietrich's exclusive Clip ExpressSM Service is a dedicated, streamlined support and delivery system for steel framing connection products. No matter what your needs are, the Dietrich Clip Express Service can provide you with the products, pricing and quantities you need to keep your project on track. With huge finished product inventories and a ship-it-now mentality, we'll keep you on time and under budget. We offer hundreds of varieties of clips and connectors, allowing you to choose the components that work best for you.

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Dietrich Metal Framing's Clip ExpressSM Service offers a wide range of accessory clips, including:

- **Deflection Connectors** – Fast ClipTM
Deflection Connectors are commonly used for bypass framing that require vertical movement.
- **Rigid Connectors** – Uni-ClipTM Connectors can be used for numerous rigid connections and conditions, including two axis loading, shear and tension.
- **Interior Bridging** – The Spazzer[®] 9200 Spacing Bar is a pre-notched bridging and spacing bar that facilitates the rapid erection of interior, non-structural studs onto a rigid grid that resists stud rotation and displacement.
- **Exterior Bridging** – The Spazzer[®] 5400 Spacing Bar is a pre-notched bridging and spacing bar engineered to facilitate the rapid erection of exterior curtain wall framing, load-bearing walls and high interior partitions constructed with structural studs.



Finishing Accessories

As the leader in steel construction products, Dietrich produces a number of finishing accessories for both drywall and veneer systems, including:

- Beads
- Trims
- Metal Lath

We also offer a full selection of plastering products, including:

- Rib Laths
- Casing Beads
- Corner Beads
- Control Joints
- Expansion Joints
- Other Specialized Plastering Products

Contact the nearest Dietrich sales location for catalog information on these specialized products.

Beads and Trims

The correct corner bead and trim products are essential to achieving superior drywall finishing. Dietrich's metal beads and trims are recognized as the industry's finest finishing products.

Our family of trim products provides crisp, clean corners, sweeping archways, and straight ends at abutments. Dietrich bead and trim products are offered in metal, vinyl and paperfaced metal. They are intended for the following applications:

- Metal beads are the most common and widely used
- Vinyl beads and trims provide a stronger and more corrosion-resistant finish
- Paper-faced beads provide an even stronger finish and are significantly more resistant to cracking

Metal Lath

Conventional plaster continues to provide the highest quality wall finish. Typically applied in three applications scratch, brown and finish coats – conventional plaster provides extraordinary fire protection, sound control and highly refined surfaces. Metal lath and finishing products enhance the capabilities of conventional plaster.

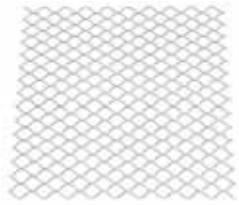
Junior Diamond Mesh Lath

Size: 27" x 96"

Weights: 1.75 lb/yd², 2.5lb/yd²,
3.4 lb/yd²

Applications: This is a small mesh, galvanized metal plaster base. A general all-purpose lath is best for contour plastering.

Small meshes conserve plaster and reduce droppings.

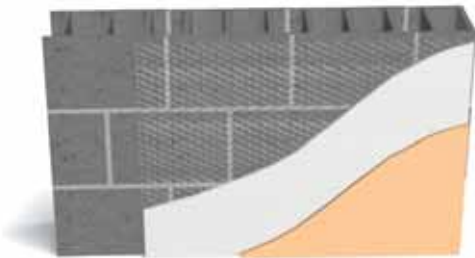


Self-furring Diamond Mesh Lath

Size: 27" x 96"

Weights: 1.7 lb/yd², 2.5 lb/yd²,
3.4 lb/yd²

Applications: The same galvanized mesh configuration as our junior mesh, but with 1/2" dimple indentations spaced 1-1/2" o.c. each way for use as exterior stucco base or for plastering over solid surfaces.



Metal Corner Bead & Trims

Size: 1-1/4" x 1-1/4" x 8' or 10'

Corner Beads

Dietrich's 103 Deluxe and Quicksilver products are galvanized steel angles that ensure straight, protective, clean-finished drywall corners. They may be nailed or stapled into place, and can be completely concealed with joint compound.



The premium 103 Deluxe has a dull, electro-galvanized and wiped finish. The Quicksilver is a bright, hot-dip galvanized bead offering superior corrosion protection. Both models are supplied with holes for nail attachment.

Bullnose Corner Bead

Equipped with a 3/4" radius for gently rounded corners, bullnose corner bead is available for 90 degree and 135 degree corners.



Metal Trims

Dietrich offers a wide array of metal trims, control joints as well as an extensive selection of casing beads for nearly every finishing condition.



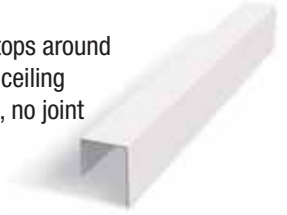
Vinyl Beads



Vinyl beads and trims provide an exceptionally durable and moisture-resistant finish. Vinyl Corp is one of the largest full-line vinyl bead and trim manufacturers in the U.S. Product categories include vinyl beads, trims and control joints for stucco/plaster, drywall, exterior insulation finish systems (EIFS) and direct-applied Exterior Finish Systems (DFS).

J-Bead

J-Bead forms a finish at gypsum stops around door and window openings, and at ceiling intersections. When J-bead is used, no joint compound is necessary.



Tear-Away L-Bead

Tear-Away L-Bead provides an easy, top-quality finish at intersections of gypsum board and ceiling grid. Once joint compound is applied, the tear-away strip is removed to form a clean, crisp edge.



Corner Bead

Vinyl Corner Bead serves as a durable reinforcement for finishing square gypsum corners. It's flexibility resists dents and helps to speed the finishing process.



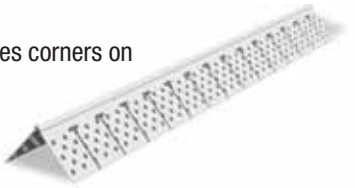
Bullnose Corner Bead

Bullnose Corner Bead creates a smooth rounded corner that resists dents, and will not corrode. Gypsum panels must be cut back 3/4" to accommodate the bullnose radius.



Archway Corner Bead

Archway Corner Bead reinforces corners on radius windows and doors. The notched flange adapts to virtually any radius condition.



Paperfaced Corner Bead

By combining galvanized corner protection with high-grade paper-tape facing, paper faced corner beads provide superior compound-embedded fastening. Finished corners and edges are stronger than with metal or vinyl beads. Joint compound bonds with wallboard resisting edge cracking. Select a metal flange width that will successfully bridge and protect board ends and edges. Paper facing extends beyond the metal to bond securely with the wallboard face paper.



Fire-Rated Assemblies

Shaftwall Framing

Shaftwall framing consists of galvanized CT studs and tab track. It is used in gypsum-panel assemblies to enclose elevator or stairwell shafts in multistory buildings. It also provides a 2-hour fire rating.

25-gauge and 20-gauge components are available in the following sizes:

- 2-1/2"
- 4"
- 6"

These components are tested and approved for use with USG, National Gypsum, G-P Gypsum, Lafarge, Pabco, Eagle, Temple, Standard and James Hardie liner panels.



Shaftwall Stud

Size (Web): 2-1/2", 4" and 6"

Gauge: 25 and 20

Market Synonyms:

- CH-Studs
- I-Studs

Applications:

- Elevator Shafts
- Stairwells in multi-story buildings

Shaftwall Track

Size (Web): 2-1/2", 4" and 6"

Gauge: 25, and 20

Market Synonyms:

- J-Track
- J-Runner

Applications:

- Top and bottom track for shaftwall studs
- Cap ends of wall sections or openings

Area Separation Wall Framing

The Dietrich Area Separation Wall System provides a lightweight, easy-to-install 2-hour fire-rated barrier for common walls in apartment, condominiums and townhouses up to 50 feet high.

The Area Separation Wall System consists of:

- 2" x 25 gauge steel H-studs in 8' or 10', and special order sizes
- 2" x 25 gauge steel C-runners (10')
- Aluminum breakaway clips

Completing the area separation wall system are standard 1" thick gypsum liner panels. The system itself achieves a 2-hour fire rating, and offers a level of protection against spreading fire that is simply not attainable with common partition walls.

Steel H-Studs are the key to the structural integrity of the area separation wall system.

Pairs of 1" thick liner panels are gripped on either side by the H-Studs. Tops and bottoms of the paired panels are housed with in C-runners. Assembled in series, the system creates a solid-core wall of noncombustible material.

H-Stud & Track

H-Stud

Size (Web): 2-1/16"

Gauge: 25

Nomenclature:

- HSN

Market Synonyms:

- H-Stud

Applications:

- Used with top and bottom track commonly utilized in multi-family construction



H-Track

Size (Web): 2-1/8"

Gauge: 25

Nomenclature:

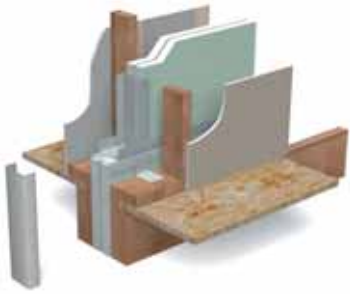
- HRN1 = 1" LEG

Market Synonyms:

- C Runner

Applications:

- Used as top and bottom track for the H-studs



When gypsum board and shaft liner are properly installed the H-stud and track provide a fire rated system.



Residential Applications

A growing number of home builders are turning to metal framing. Rapidly changing wood prices, diminishing wood quality and continued tool and engineering advancements have continued to sway more

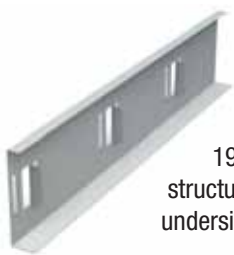
builders toward metal framing. Many builders have made the change to steel floors using the Dietrich TradeReady® Steel Joist System, and have discovered the many benefits the system provides.



Some builders have made the leap to framing the entire home with metal framing. In both cases, steel simply produces a higher-quality, stronger home.

Homeowners and basement finish contractors are also using interior non-structural Studs, due to their superior framing quality, ease of use, and low costs.

Perhaps the greatest advance in the use of light-gauge steel in residential applications is Dietrich's TradeReady® Steel Joist System. The system includes specially designed joists to make electrical, mechanical and plumbing installations easier, pre-punched joist rim components to simplify joist layout and construction, and pre-cut structural blocking to stabilize the system and prevent joist rotation.



The uniquely designed TradeReady® Joist Rim drastically reduces framing layout by providing pre-punched tabs at either 12, 16, 19.2 or 24 inch o.c. The pre-cut structural blocking easily installs to the underside of the joists to prevent rotation.

The TradeReady® System is available in a variety of sizes and thicknesses from 18-12 gauge 7-1/4" – 14" deep web members and the joist can single span in excess of 33 feet. Hole sizes range from 4-1/4" x 7", 6-1/4" x 9", 8" or 10" round based on web member size.

A Good Idea to Build On



Dietrich engineers residential steel flooring systems for performance and construction efficiency. Our galvanized steel joists use a trade-friendly C-shaped design with flanged openings to accommodate electrical, plumbing and technology lines. Steel floor joists integrate easily with other building materials such as concrete and wood.

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Buyers Love the Feel of Steel.

Homeowners will notice the difference in a house built with the Dietrich System. The feel is solid underfoot. It's perfectly flat with no warps – ever. And, steel floors are virtually squeak-proof. Since strong TradeReady® Systems permit greater design flexibility, you have more exciting options to consider in your design.

There are Some Things in Your Design The System Won't Do.

The Dietrich TradeReady® Steel Floor System won't interfere with portable radios, cordless phones, TV signals or cellular phones. It won't rust, because all framing members, screws and accessories are galvanized.



TradeReady® Floor System

TradeReady® Joist

Size:

- 1-3/4" Flange 7-1/4", 8", 9-1/4" and 11- 1/4" depths
- 2" Flange 10", 12", and 14" depths

Gauge:

- 18
- 16
- 14
- 12

KSI:

- 33
- 50

Nomenclature:

- TDJ
- TDW



Flange:

- TDJ 1-3/4" Flange
- TDW 2" Flange

Applications:

- Floor Joist for the TRFS

TradeReady® Rim

Size: 7-1/4", 8", 9-1/4", 10", 11-1/4" 12" and 14"

Gauge:

- 18
- 16
- 14
- 12

KSI:

- 33
- 50



Nomenclature:

- TD12=12" o.c. spacing
- TD16=16" o.c. spacing
- TD19=19.2" o.c. spacing
- TD24=24" o.c. spacing

Applications:

- Joist Rim for the TRFS

TradeReady® Blocking

Size:

- 2-1/2" width x length to match required joist spacing

Gauge:

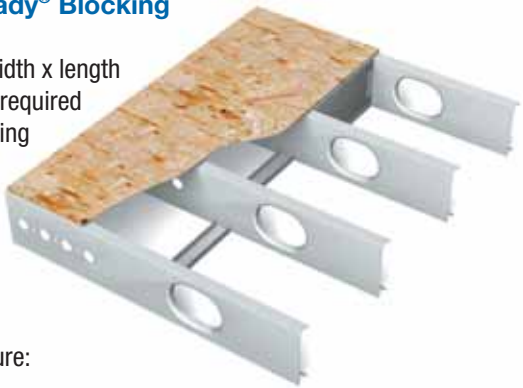
- 18

KSI:

- 33

Nomenclature:

- TDSB



Applications:

- Blocking for the TRFS used to prevent rolling of joists

Why Steel Floors?

Following are five reasons why should you recommend the Dietrich TradeReady® Steel Floor System:

- Dimensionally stable – Won't twist, warp, or sag
- Squeak free – Properly installed, this system is virtually squeak free
- Affordable – Cost is comparable to traditional wood floor systems
- Strong, durable – Ideal for homes at seismic or environmental risk
- Environmentally friendly – Made from 70% recycled steel

Fasteners

Screws

Power Actuated Fasteners

A variety of screws and power-actuated fasteners can be used to connect framing components and also to fasten other materials to the framing.

Self-Drilling Screws

These externally threaded fasteners have the ability to drill their own hole and form, or “tap,” their own internal threads without deforming their own thread and without breaking during assembly. These screws are used with 33-mil (20 gauge) steel or thicker.



Sharp-Point Screws

These externally threaded fasteners are self-piercing and are used to attach rigid materials, such as gypsum wallboard, and sub flooring. They are used with 25 and 20 gauge components.

Fasteners for Drywall Systems

Pan Head Type ‘S’ Framing Screws

- Used for attachment of steel stud to steel track

Bugle Head Type ‘S’ Drywall Screws

- Utilized for attachment of drywall to steel framing

Trim Head Type ‘S’ Trim Screw

- Used to attach wood trim to steel framing

Masonry Screws or Powder Actuated Fasteners

- Used to attach steel track to concrete floor

Fasteners for Steel to Steel and Wood to Steel

Pan Head

- 8 x 7/16 Framing Screw
- Used with 20-25 gauge steel
- Unique grip-tight, high-torque pan head



Hex Head 8 x 1/2

- Attaches fixtures, backup plates, door frames and lathers channel to structural studs, metal decks and trusses, etc.
- 20-14 gauge



Wafer Head

- 8 x 1/2
- Attaches metal K-lath, wire lath, wood grounds, etc. to lathers channel, structural studs, metal decks, etc.
- Used for attachment of steel studs to track 20-14 gauge



Wafer Head Winged

- 10 x 1-7/16
- Used to attach 3/16" to 3/4" plywood to 20-14 gauge metal



Bugle Head

- 10 x 1-7/16
- Used to attach 3/16" to 3/4" plywood to 20-14 gauge metal



How to Sell Steel Framing

At first, selling metal framing may seem very complicated and intimidating. It really isn't. Unlike wood framed construction, gypsum supply houses, lumberyards, or home centers do not provide take-off services for metal framing projects. The take-off (also referred to as a materials or cut list) is provided by the contractor. Almost all commercial contractors have an estimator who compiles and develops a list of materials.

The sales process starts by contacting the contractor and asking for the opportunity to bid. Once they provide the materials list, fax it to the closest Dietrich Metal Framing facility for quotation.

We maintain strict confidentiality in pricing. Once you send the materials list to us, we will work to prepare the quote. The completed quotation will be faxed directly back to your attention so that you can add in coordination costs and markup.

During the sales process, you will need to ask the contractor a few questions to help you determine the appropriate mark-up on the project.

Frequently Asked Questions

Q. Will the contractor bulk buy the job?

A. If not, base the pricing coming out of your yard inventory.

Q. Do they have equipment to unload material at the site?

A. If yes, will they unload the material and can you direct ship from the Dietrich facility? Job site-direct shipments not available in all locations.

Q. If you need to unload, will the material get dropped to the ground or do you need to load and scatter the material in the building?

A. Remember, you should not be asked nor should you do a take-off for metal framing. There are simply too many nonstandard members and lengths.

If you have any questions or you are unsure of how to proceed, call your nearest Dietrich facility and ask for help.



About Dietrich Metal Framing Pricing

All metal framing products are quoted in dollars per thousand lineal feet (\$/MLF). It's the way we post prices on our price sheets and the way we quote on the phone. To get the price per lineal foot, you need to divide the price list amount by 1,000. For example, if studs are priced at \$150/MLF, the per foot price is 15¢; an 8' stud would be 8 x 15¢ or \$1.20 each.

www.dietrichmetalframing.com

From plan and specification development, to design assistance and member sizing, to product submittals, to application assistance and material procurement, this site provides many tools that will assist during all phases of the building process.

- Light Gauge Specifications
- Extensive CAD Library
- Member Sizing
- Professional Submittal Builder
- Design, Load and Span Tables
- Plant Tour Video
- Product Installation Videos
- Product and Catalog Library

one **CALL**
can do it **ALL**SM

Shipping

Need it fast — we ship 95% of in-stock orders within 48 hours.

Ordering

Phone, fax, e-mail or EDI — you decide.

Service

Far more than order takers, Dietrich Customer Care Representatives are experts in the industry. Let us put our knowledge to work for you.

Support

Have questions? We have the answers. Call, fax or e-mail us and we will answer your questions promptly.

Products

Over 3,000 different products/product combinations. The largest selection of products in the industry. One call that truly does it all.

Custom

When “off-the-shelf” just won’t do, call Dietrich. We can custom fabricate and provide made-to-order products to meet your needs.

World Headquarters
500 Grant Street, Suite 2226
Pittsburgh, PA 15219
412-281-2805 phone
412-281-2965 fax



Plant Locations

There is a Dietrich location within 500 miles of most U.S. and Canadian cities.

Arizona	<i>Phoenix</i>	602-447-0204
	<i>Goodyear</i>	623-932-1407
California	<i>Colton</i>	909-824-9717
	<i>Stockton</i>	209-547-9066
Colorado	<i>Denver</i>	303-289-4092
Florida	<i>Miami</i>	305-652-5423
	<i>Wildwood</i>	352-748-7200
Georgia	<i>McDonough</i>	678-304-5500
Hawaii	<i>Kapolei</i>	808-682-5747
Illinois	<i>Joliet</i>	815-207-0110
Indiana	<i>Hammond</i>	219-931-3741
Kansas	<i>Lenexa</i>	913-599-2026
Maryland	<i>Baltimore</i>	410-477-8700
Massachusetts	<i>Lunenburg</i>	978-342-9742
New Jersey	<i>Boonton</i>	973-335-3240
Ohio	<i>Warren</i>	330-372-4014
South Carolina	<i>Rock Hill</i>	803-324-4144
Texas	<i>Baytown</i>	281-383-1617
	<i>Hutchins</i>	972-225-1100
Washington	<i>Renton</i>	425-251-1497
International	<i>Miami</i>	305-652-5423

Other Dietrich Locations and Divisions

Dietrich Metal Framing Canada	780-437-1763
Accelerated Building Technologies....	412-490-5035
AEGIS Metal Framing	314-851-2200
Vinyl Corp.	800-648-4695
Dietrich Design Group North	800-873-2443
or	219-853-9474
Dietrich Design Group South	800-873-2443
or	678-304-5525
Dietrich Design Group West	800-873-2443
or	760-931-0465



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NOTE: Information contained herein, believed to be correct as of the time of publication, is subject to change without notice.

WARRANTY: Our products are manufactured in accordance with company standards and/or industry standards, as applicable. All Dietrich Metal Framing products are covered by our standard warranty which is contained in our Standard Terms and Conditions of Sale and which will be provided upon request. Generally, we warrant our products will be free from defects in material and workmanship at the time of shipment, subject to the limitations stated in the warranty. Unless specifically agreed in writing by us with respect to specific orders, we do not make any warranty of merchantability or fitness for a particular purpose. The buyer is responsible to assure that buyer orders the appropriate product for any applicable code or specification requirements.

NOTICE: Our liability is expressly limited to replacement of defective products. We shall not be liable for incidental and consequential damages, nor for any loss caused by misuse or misapplication of our products. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from the date it was or reasonably should have been discovered.

