



WIRE SUSPENSION SYSTEM MW

Won't leave you hanging
around

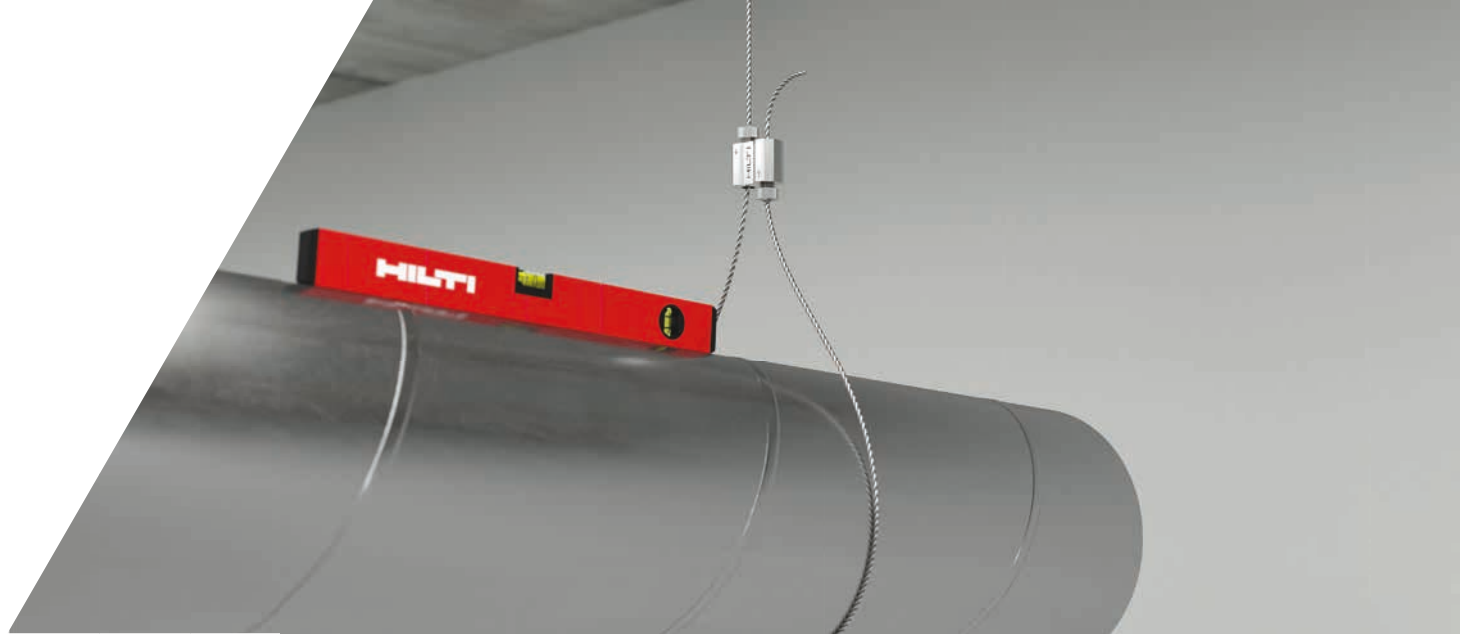


ADVANTAGES OF WIRE /

Wire is a discreet and virtually invisible way to suspend mechanical, electrical, ventilation, lighting, signage and more.

Compared to traditional methods – such as threaded rods – it is faster to install, easier to adjust and gives more flexibility for long distance and/or challenging base material situations.

Hilti channel systems wire suspension system is compatible with Hilti channel systems and ventilation hardware, meaning you can get solutions for virtually every installation from just one partner.



Advantages vs. traditional methods

- **Fast:** with fewer components, wire is up to 4 times faster, to install, helping to save time and labor costs
- **Cost-effective:** as it is faster than traditional methods, wire has a lower total cost of installation
- **Flexible:** for long distance and/or challenging base material situations (T/V precast concrete)
- **Aesthetics:** wire is a virtually invisible solution for Architects and Building Owners who prefer open soffits and exposed services
- **Productive:** supplied in ready-to-use kits so no pre-work, such as cutting or filing, is needed
- **Versatile:** use for a wide range of applications and base materials, simplifying inventory management
- **Convenient:** no special tools needed, just wire cutters, making it hassle-free to install
- **Safety:** no potentially hazardous cutting tools, such as circular saws or angle grinders needed, and no hot work permit needed for trimming threaded rods
- **Lightweight:** one kit weighing just 60g, can support the same services as 1 kg of threaded rod and pipe rings, meaning less packaging, transport and CO₂

Advantages vs. other wire systems

- **Compatible:** with Hilti channel systems (MQ/MM/MT) and MVA ventilation hardware, meaning you can get solutions for virtually every MEP installation from just one partner
- **Safety:** a nut on the top of the lock can be used to close and lock the system after installation
- **Adjustable:** self-closing wire lock can be adjusted, no need for tools to adjust the self-closing lock, making adjusting, levelling, retrofitting and long drop lengths much simpler
- **Premium-Quality:** robust design meeting ASTM and SMACNA standard, with no plastic components, for tough jobsite conditions
- **Simplicity:** a slim but smart portfolio which covers a wide variety of applications – providing ease of selection and stock keeping
- **Support:** your local Hilti Engineers can provide calculation services on more complex projects
- **Higher loads:** compared to many competitors
- **Software:** integrated with the Hilti MEP supports selector, Hilti PROFIS design software and supported with a full BIM Library

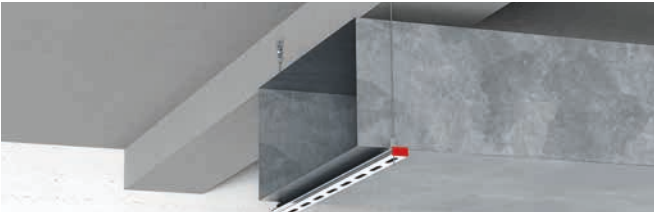
KEY APPLICATIONS /

Wire brings great flexibility to the jobsite and is relevant for a wide range of mechanical and electrical supports.

You can fasten it to nearly any configuration in concrete and steel using compatible Hilti anchors or direct fastening solutions.



HVAC – rectangular duct



Electrical – Busbar



Ceiling panel



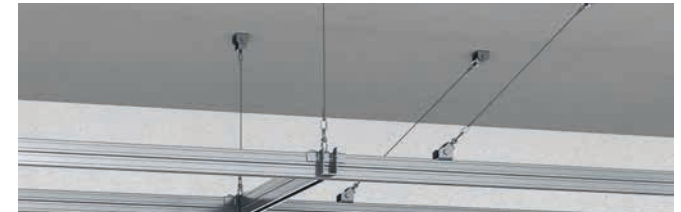
HVAC – rectangular duct



Electrical – Cable tray



Overhead grid



HVAC – spiral duct



Electrical – Lighting



Bracing





KIT & ITEM SELECTION TABLE

MW Wire & Lock Kits

| Wire no. | 1.5 | 2.0 | 3.0 | 5.0 | 6.0 |
|-----------------------|------|------|------|------|------|
| Working load limit kg | 30 | 56 | 113 | 270 | 380 |
| Working load limit kN | 0.29 | 0.55 | 1.11 | 2.65 | 3.73 |

Kit wire & lock



Wire length

| | | | | | | |
|---|------|---------|---------|---------|---------|---------|
|  | 1 m | 2280019 | 2280044 | 2280049 | 2280054 | |
| | 2 m | 2280040 | 2280045 | 2280050 | 2280055 | |
| | 3 m | 2280041 | 2280046 | 2280051 | 2280056 | 2280059 |
| | 5 m | 2280042 | 2280047 | 2280052 | 2280057 | 2280060 |
| | 10 m | 2280043 | 2280048 | 2280053 | 2280058 | 2280061 |
|  | 1 m | 2280072 | 2280077 | 2280082 | 2280096 | |
| | 2 m | 2280073 | 2280078 | 2280083 | 2280097 | |
| | 3 m | 2280074 | 2280079 | 2280084 | 2280098 | |
| | 5 m | 2280075 | 2280080 | 2280085 | 2280099 | |
| | 10 m | 2280076 | 2280081 | 2280086 | 2280580 | |

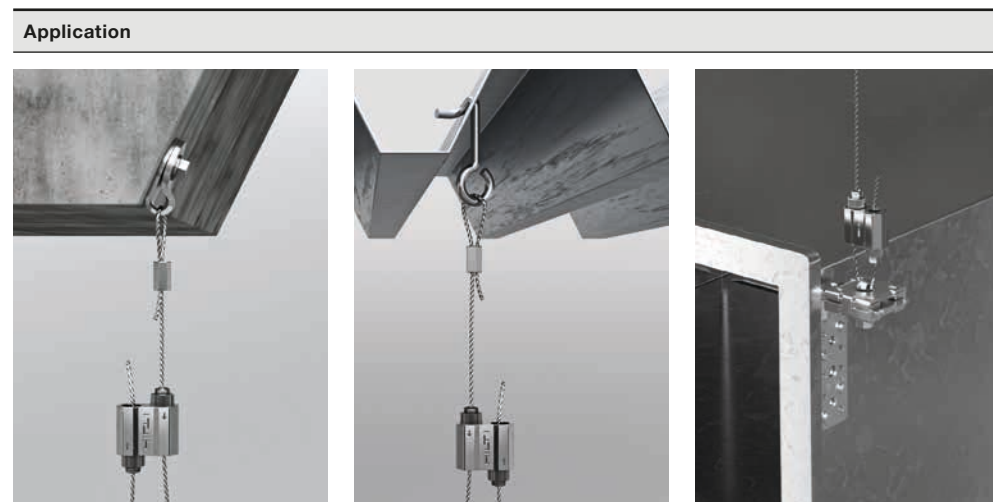
| Wire no. | 1.5 | 2.0 | 3.0 | 5.0 | 6.0 |
|-----------------------|-----|------|------|-----|-----|
| Working load limit kg | | 46 | 98 | | |
| Working load limit kN | | 0.45 | 0.96 | | |

Channel lock & wire

Wire length

| | | | |
|---|------|---------|---------|
|  | 1 m | 2280062 | 2280067 |
| | 2 m | 2280063 | 2280068 |
| | 3 m | 2280064 | 2280069 |
| | 5 m | 2280065 | 2280070 |
| | 10 m | 2280066 | 2280071 |
|  | 1 m | 2280087 | 2280092 |
| | 2 m | 2280088 | 2280093 |
| | 3 m | 2280089 | 2280094 |
| | 5 m | 2280090 | 2280095 |
| | 10 m | 2280091 | 2280096 |

MW Accessories



MW-C Clip



MW-DH Deck Hook



MW-EB Eyebolt

| Wire no. | Item no. |
|----------|----------|
| 1.5 | 2287563 |
| 2.0 | 2287563 |
| 3.0 | 2287563 |
| 5.0 | 2287563 |
| 6.0 | x |

| Wire no. | Item no. |
|----------|----------|
| 1.5 | 2277567 |
| 2.0 | 2277567 |
| 3.0 | x |
| 5.0 | x |
| 6.0 | x |

| Thread size | Thread length | Item no. |
|-------------|---------------|----------|
| M8 | 26 mm | 2277563 |
| M10 | 39 mm | 2277565 |
| M12 | 42 mm | 2277566 |



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