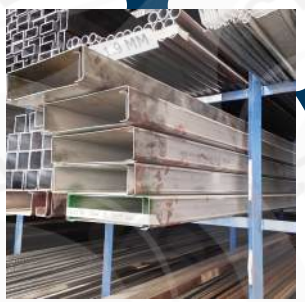
PERLÍN PHR-C ACERO A572 GR50

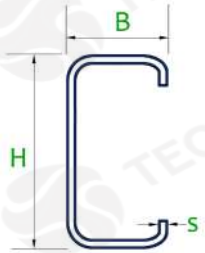
TECTUL

MATERIALES

APLICACIONES

CARACTERÍSTICAS DIMENSIONALES





Especificaciones técnicas							
Designación	Dimensiones			Peso nominal [Kg/m]	Propiedades mecánicas		
	h [mm]	s [mm]	b [mm]		Resistencia a la tracciòn	Esfuerzo de fluencia	Elongación mínima [%]
100mm, s: 1.5mm, B: 50mm	100	1.5	50	2,65			
100mm, s: 2.0mm, B: 50mm	100	2.0	50	3,53			
120mm, s: 1.5mm, B: 60mm	120	1.5	60	3,18			
120mm, s: 2.0mm, B: 60mm	120	2.0	60	4,24			
120mm, s: 2.5mm, B: 60mm	120	2.5	60	5,30			
150mm, s: 2.0mm, B: 50mm	150	2.0	50	4,32			
150mm, s: 2.5mm, B: 50mm	150	2.5	50	5,40			
160mm, s: 1.5mm, B: 60mm	160	1.5	60	3,65			
160mm, s: 2.0mm, B: 60mm	160	2.0	60	4,87			
160mm, s: 2.5mm, B: 60mm	160	2.5	60	6,08			
160mm, s: 3.0mm, B: 60mm	160	3.0	60	7,30			
220mm, s: 1.5mm, B: 80mm	220	1.5	80	4,95			
220mm, s: 2.0mm, B: 80mm	220	2.0	80	6,59	450 [Mpa]	345 [Mpa]	20-21
220mm, s: 2.5mm, B: 80mm	220	2.5	80	8,24			
220mm, s: 3.0mm, B: 80mm	220	3.0	80	9,89			
254mm, s: 1.5mm, B: 67mm	254	1.5	67	4,96			
254mm, s: 2.0mm, B: 67mm	254	2.0	67	6,62			
254mm, s: 2.5mm, B: 67mm	254	2.5	67	8,27			
254mm, s: 3.0mm, B: 67mm	254	3.0	67	9,93			
305mm, s: 2.0mm, B: 80mm	305	2.0	80	7,93			
305mm, s: 2.5mm, B: 80mm	305	2.5	80	9,91			
305mm, s: 3.0mm, B: 80mm	305	3.0	80	11,89			
355mm, s: 2.0mm, B: 110mm	355	2.0	110	9,89			
355mm, s: 2.5mm, B: 110mm	355	2.5	110	12,36			
355mm, s: 3.0mm, B: 110mm	355	3.0	110	14,84			

MATERIALES

Fabricado en acero estructural ASTM A572 grado 50

APLICACIONES

Usado en aplicaciones industriales como construcción de estructuras y fabricación de piezas para usos generales de ingeniería

CARACTERÍSTICAS DIMENSIONALES

Todas los perlines presentadas en la tabla tiene 6 [m] de longitud

Composición química					
C	Si	Mn	S	P	Cu
0,23	0,40	1,35	0,05	0,04	0,50

* Fotos y medidas referenciales, sujetas a cambios sin previo aviso por parte del proveedor o fabricante.

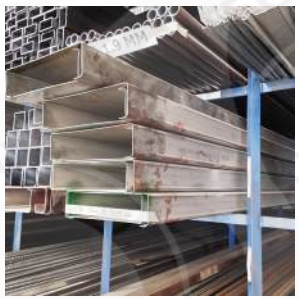
PERLIN PHR-C STEEL A572 GR50

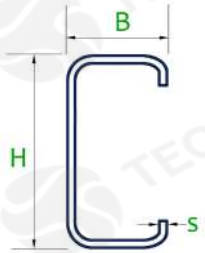
TECTUL

MATERIALS

APPLICATIONS

DIMENSIONAL CHARACTERISTICS





Technical specifications							
Designation	Dimentions			Nominal Weight [Kg/m]	Mechanical properties		
	h [mm]	s [mm]	b [mm]		Tensile streght	Yield stress	Minimum elongation [%].
100mm, s: 1.5mm, B: 50mm	100	1.5	50	2,65			
100mm, s: 2.0mm, B: 50mm	100	2.0	50	3,53			
120mm, s: 1.5mm, B: 60mm	120	1.5	60	3,18			
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355mm, s: 2.5mm, B: 110mm	355	2.5	110	12,36			
355mm, s: 3.0mm, B: 110mm	355	3.0	110	14,84			

MATERIALS

Made of structural steel ASTM A572 grade 50

APPLICATIONS

Used in industrial applications such as structural construction and parts manufacturing for general engineering applications.

DIMENSIONAL CHARACTERISTICS

All sections presented in the table have a length of 6 [m].

Chemical composition					
C	Si	Mn	S	P	Cu
0,23	0,40	1,35	0,05	0,04	0,50

* Reference photos and measurements, subject to change without prior notice from the supplier or manufacturer.