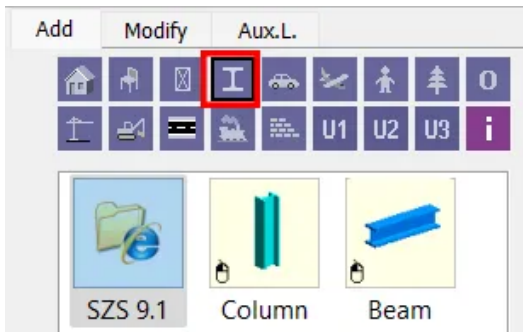


## 5.32 Metal construction

There are 2 ways to add a metal profile from the catalog

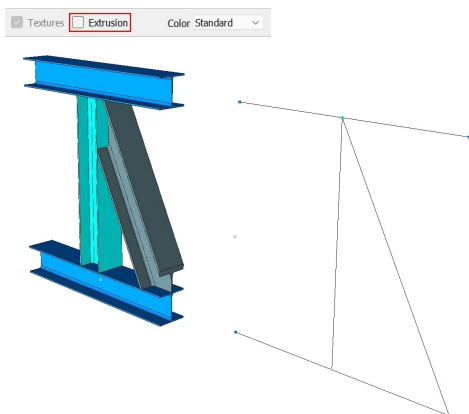
1. By 2 points L
2. By Drag & Drop



Regarding the placement of the elements:

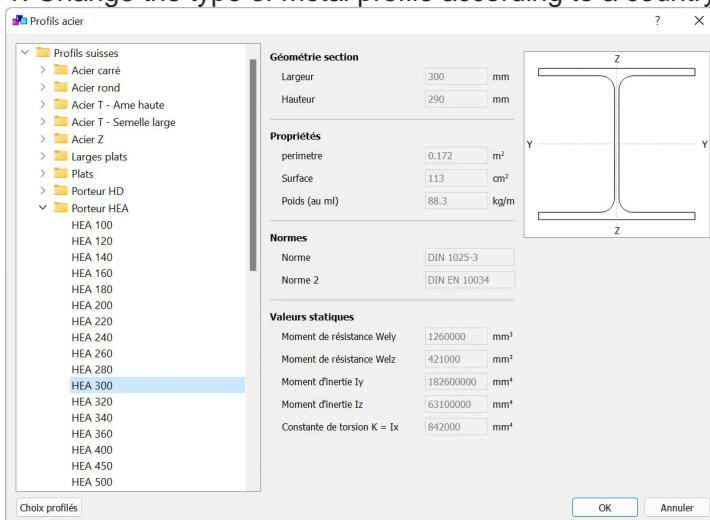
Pillar (IFC Column) = always vertical // Beam (IFC Beam) = always horizontal // Beam (IFC Member) = any orientation

It is possible to work either with axes ("Extrusion" option unchecked) or with volumes ("Extrusion" option checked)



The "Edit" menu also allows you to:

1. Change the type of metal profile according to a country database



2. Give a tilt angle
3. Define overlengths

Bar (Member Ime)	
Type	Metal shape CH
Profile	Metal shape CH
length	Rectangle
Angle	Circle
Cut	Ellipse
<input type="checkbox"/> Pset_MemberCon	Trapezoid
<input type="checkbox"/> Advanced	Tube
	User-defined

Note: "Stretch" and "Cut" functions applied on volumes do not affect the axes (they remain joined at the level of nodes)