



Steel C-Profiles  
and Fixing Bolts

## A Selection of our Steel C-Profiles combined with Profiles Material "S"<sup>®</sup>



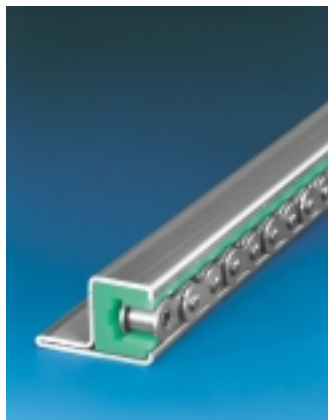
Type CKG



Type CT



Type CT + CKG



Type CKG 14H



Type CKG 15V



Type CTS



Type CTU + CT

## Steel C-Profiles

galvanized or stainless steel



Thermoplastics subject to temperature fluctuations have a significantly higher coefficient of linear expansion than metals. That is why, for some applications, it is better for plastic guides to be held in place by a steel C-profile. (It also makes it easier and faster to replace them.)

In many cases, steel profiles are in fact indispensable both for fixing and stabilizing purposes and can be welded or bolted-on where appropriate.



Basically we recommend DIN bolts or – a special method – T-head bolts. For details of how to install steel C-profiles using T-head bolts, please see pg 140.

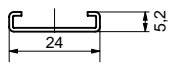
Steel C-profiles are available ex stock galvanized or in stainless steel or, on request, in 'black' (untreated surface).

### All the advantages of steel C-profiles at a glance:

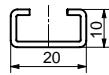
- ▶ easy assembly and dismantling of guide system
- ▶ steel C-profiles only need through holes to be drilled
- ▶ easy alignment of guide system
- ▶ no distortion of steel C-profile during assembly
- ▶ as the plastic guide runs free within the steel C-profile, it can expand and contract in line with temperature fluctuations
- ▶ easy replacement of plastic guides due to wear.

# Standard Range of Steel C-Profiles to DIN59413

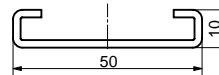
2000mm length, 6000mm length



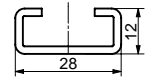
C1



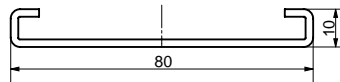
C3



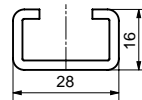
C4



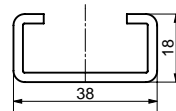
C5



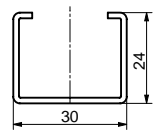
C6



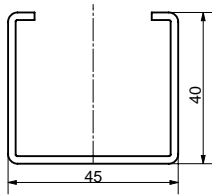
C7



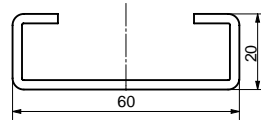
C9



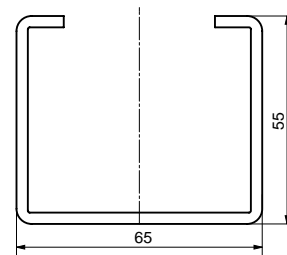
C10



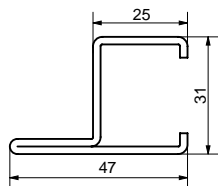
C11



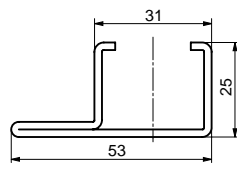
C12



C13



C14 H



C15 V