

TALLDENT - Co

Co Based round bar or line are used in Dental application , for example, ceramic veneered crowns and bridges, telescopic crowns, combined restorations and attachments. Co round bars are commonly use in Dental Surgery application with different type of production technique according to requirement. Therefore, these materials are a partial removable dental materials which, exploiting the alloy's elasticity, can be attached to natural teeth of casted hooks. Moreover, Co round bars have strong resistance to traction and excellent workability, which are smooth, also compact surface. Regarding to Co properties its reduce the oxide formation, with a low specific weight and excellent mechanical properties. All in all, the bars have good biocompatibility and suitable mechanical and physical properties for Dental Industry

(values given in mass-%; Co = base):

Cr	Si	Mn	Cr	Mo	W	Fe	Ni
< 0,1	1	0,8	25	4	10	< 0,1	< 0,1