

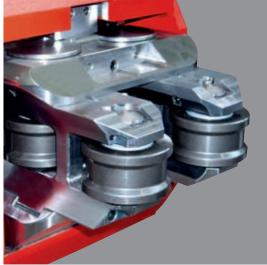




## Ferrodur Rollers have been specifically developed to grant high durability and low wear at high speed.



Feature	Ferrodur	Tool Steel	wc
Density (g/cm <sup>3</sup> )	6.5	7.9-8.5	12.8-14.4
Hardness (HRc)	69-71	54-62	57-68
Transverse rupture strenght (MPa)	590-980	1470-1760	2450-2750
Compressive strength (MPa)	2000-2700	3500-3700	2850-4700





## Ferrodur Rollers are based on Titanium Carbide dispersed into a tool metal matrix

## Main Features

- > High wear resistance thanks also to the smooth, rounded structure that offers an extremely non-abrasive surface to metal to metal contact.
- > Lower specific weight (one third lighter than steel, less than one half the weight of tungsten carbide).

Therefore it has less inertia leading to longer bearing life and lower wearing during acceleration phase.

> The sintered carbide composing the rollers is virtually porosity-free thanks to the hot isostatic process.





