

IRON DC01

This steel is characterized by maximum yield strength and breakage limits and guaranteed minimum elongations. it is classified in increasing order of formability and can therefore be used in the different cold working processes, from the less critical mouldings to the less critical ones.

Dati Tecnici / *Technical Data*

Material quality

Iron
Standard: EN1030: 2007

Chemical composition

C% Max	Mn% Max	P% Max	S% Max	Ti% Max
0,12	0,60	0,045	0,045	

Mechanical properties

	R_e (MPa) min-max		R_m (MPa) min-max		A₈₀ (%) min		r min	n min
t?0,5	0,5 ?0,7	t>0,7	t? 0,5	0,5 ?0,7	t>0,7	t<2,0	t?2,0	
(140)-320	(140)-300	(140)-280	270-410	24	26	28		