MATERIALS - TYPES AND CHARACTERISTICS

COMPOSIZIONE CHIMICA
CHEMICAL COMPOSITION

Descrizione Description	%	Fe	Mn	Mg	Si	Cu	Sn	Zn	Ni	Ti	Pb	Altri Others	Alu
Alluminio Aluminium	max	1,300	0,500	0,300	12,000	3,500	0,200	1,000	0,500	0,300	0,100	0,250	rest
ADC-12 / EN AC-46000	min				9,600	1,500						tot	

Descrizione Description	%	C	Mn	P	S	Si	Cr	Ni	Cu	Mo			
Acciaio Steel	max	0,350	1,050	0,035	0,040	0,350	0,300	0,400	0,040	0,120			
ASTM A-105 / DINC21	min		0,600			0,100							
Acciaio Steel	max	0,170	1,400	0,045	0,045								
S235JRG2 / EN10025	min												
Inox Stainless S.	max	0,070	2,000	0,045	0,030	1,000	18,500	13,000		2,500			
AISI 316 / DIN14401	min						16,500	10,000		2,000			
Inox Stainless S.	max	0,070	2,000	0,045	0,030	1,000	19,500	10,500					
AISI 304 / DIN14301	min						17,500	8,000					
Inox Stainless S.	max	0,100	2,000	0,045	0,350	1,000	19,000	10,000					
AISI 303 / DIN14305	min				0,150		17,000	8,000					

PROPRIETA' MECCANICHE
MECHANICAL PROPERTY

Descrizione Description		R N/mm2	Rp 0,2 N/mm2	A %	HB	KV
Alluminio Aluminium	max	310	150	3	75	
ADC-12 / EN AC-46000	min			1,5		
Acciaio Steel	max				187	
ASTM A-105 / DINC21	min	485	250	22		
Acciaio Steel	max	710				
S235JRG2 / EN10025	min	420	300	9		
Inox Stainless S.	max	700			215	100
AISI 316 / DIN14401	min	500	200	40		
Inox Stainless S.	max	700			215	100
AISI 304 / DIN14301	min	500	190	45		
Inox Stainless S.	max	750			230	100
AISI 303 / DIN14305	min	500	190	35		