

SINTER

STAINLESS SINTERED STEEL & SINTERED BRONZE

		THICKNESS	CHEMICAL COMPOSITION (MASS FRACTION)									HARDNESS
MATERIAL	ABBREVIATION (SINT)	G/CM ³ (P)	C (%)	CU (%)	NI (%)	MO (%)	SN (%)	P (%)	FE (%)	OTHER (%)	(HB)	
STAINLESS SINTERED STEEL	AISI 316	C 40 D 40	6,4 - 6,8 6,8 - 7,2	< 0,08	-	10 - 14	2 - 4	-	Cr 16 - 19	rest	< 2	> 95 > 125
	AISI 430	C 42	6,4 - 6,8	< 0,08	-	-	-	-	Cr 16 - 19	rest	< 2	> 140
	AISI 410	C 43	6,4 - 6,8	< 0,3	-	-	-	-	Cr 11 - 13	rest	< 2	> 165
SINTERED BRONZE	-	C 50 D 50	7,2 - 7,7 7,7 - 8,1	-	rest	-	-	9 - 11	-	-	< 2	> 35 > 45