Analysis of non-sparking material

Material	Specialbronze SB „S“ Aluminium-multi-substance-bronze					Copper-Beryllium CuBe „C“			
Analysis	Cu	Al	Ni	Fe	Mn	Be	Ni	Co	Cu
min. in %	Rest	8	4	4	–	1,8	0,1	0,4	Rest
max. in %	Rest	10,5	6	5,5	1,33	2,3	0,5	0,7	Rest
Mechanical properties	**cured**			**untreated**					
Strength N/mm²	780-989			600-670		1117-1326			
Yield point N/mm²	450-550			250-270		840-880			
Hardness	230-290			140-180		280-365			
Physical properties									
Magnetic properties	1,35 max.					1,005 max.			

Explosion prevention ATEX = ATmosphere Explosible

ATEX 137 (118), also called guideline 99/2/EG, is responsible for the safety of persons at commissioning, operation and attendance of explosive plants.

Corresponding ATEX 99/92/EC are to be used in Ex-Zones.
Since July 2003 only operating material, which conforms to this guideline, is allowed to be placed into circulation.

APPLICATION ADVICE

Because of its application methods, non-sparking tools have to be softer than conventional tools.
For this reason the use of these tools has to be occurred with special care.

Overstraining has to be avoided.

The use of non-sparking tools must not be the only preventive measurement in areas of fire and explosion risk.

For overall protection of staff and equipping, please follow the instructions of your professional association.

Electrician's screwdriver

article no	*blade mm*	*blade length mm*	*weight g*
0800380C	3	75	25
0800480C	4	150	55
0800580C	5	150	75
0800680C	6	200	110
0800780C	6,5	300	150