

SPARK-PROOF TOOLS

Copper-Berillium Cu-Be

The **Beta** spark-proof tools are specially designed for safe operations in environments subject to potential risk of explosion, in the presence of flammable liquids or gases, or for any applications that require using perfectly antimagnetic, corrosion-resistant tools.



The Beta sparkproof tools are certified by the Federal Institute for Materials Research and Testing, BAM, under European Directive 99/92/EC.

CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK			
ATEX	HIGH	MEDIUM-LOW	EXTREMELY LOW
GASES	ZONE 0 An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is continuously present or present for long periods or frequently.	ZONE 1 An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is likely to occur in normal operation.	ZONE 2 An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
	ZONE 20 An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is continuously present or present for long periods or frequently.	ZONE 21 An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is likely to occur in normal operation occasionally.	ZONE 22 An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
DUSTS			



WARNING! Risk of explosion in ACETYLENE environment

The mechanical characteristics of sparkproof tools differ from those of normal steel tools. Sparkproof tools should be used with extreme caution, avoiding overloads.

30BA

sparkproof drift punches



Ø mm	L mm	S mm		
5	150	15	1	000300806
8	150	17	1	000300808
10	150	19	1	000300810

31BA

sparkproof pin punches



Ø mm	L mm		
3	110	1	000310853
4	110	1	000310854
6	115	1	000310856
8	120	1	000310858

34BA

sparkproof flat chisels



L mm	A mm		
200	22	1	000340801
250	23	1	000340803
300	24	1	000340802

39BA

sparkproof wedges



L mm	A mm		
150	40	1	000390801
230	40	1	000390802
250	40	1	000390803

42BA

sparkproof combination wrenches, open bi-hex ring ends



Ø mm	L mm		
6x6	105	1	000420806
7x7	105	1	000420807
8x8	120	1	000420808
9x9	120	1	000420809
10x10	135	1	000420810
11x11	135	1	000420811
12x12	150	1	000420812
13x13	150	1	000420813
14x14	175	1	000420814
15x15	175	1	000420815
16x16	195	1	000420816

Ø mm	L mm		
17x17	200	1	000420817
18x18	215	1	000420818
19x19	220	1	000420819
20x20	230	1	000420820
21x21	240	1	000420821
22x22	250	1	000420822
24x24	268	1	000420824
27x27	290	1	000420827
28x28	290	1	000420828
30x30	313	1	000420830
32x32	333	1	000420832
35x35	360	1	000420835
36x36	355	1	000420836
38x38	430	1	000420838
41x41	430	1	000420841
46x46	480	1	000420846
50x50	520	1	000420850
55x55	560	1	000420855
60x60	580	1	000420860
*65x65	595	1	000420865
*70x70	630	1	000420870

42BA/AS

sparkproof combination wrenches, open bi-hex ring ends



Ø mm	L mm		
3/8x3/8	128	1	000420950
7/16x7/16	135	1	000420951
1/2x1/2	140	1	000420953
9/16x9/16	163	1	000420954
5/8x5/8	177	1	000420956
11/16x11/16	195	1	000420957
3/4x3/4	215	1	000420959
13/16x13/16	230	1	000420961
7/8x7/8	235	1	000420962
15/16x15/16	256	1	000420964
1x1	266	1	000420965
1.1/16x1.1/16	283	1	000420967
1.1/8x1.1/8	297	1	000420969
1.3/16x1.3/16	308	1	000420970
1.1/4x1.1/4	324	1	000420973

55BA

sparkproof double open end wrenches



Ø mm	L mm		
6x7	90	1	000550801
8x9	100	1	000550802
8x10	100	1	000550795
9x11	110	1	000550797
10x11	120	1	000550803
12x13	130	1	000550804
13x14	133	1	000550799
14x15	145	1	000550805
14x17	150	1	000550806
16x17	165	1	000550807
18x19	170	1	000550809
20x22	185	1	000550811
21x23	210	1	000550813
22x24	210	1	000550815
24x26	230	1	000550817
24x27	230	1	000550818
25x28	230	1	000550819
27x29	246	1	000550820
30x32	265	1	000550822
36x38	320	1	000550826
36x41	335	1	000550828
41x46	355	1	000550829
*46x50	370	1	000550830
*50x55	385	1	000550831
*55x60	415	1	000550832

55BA/AS

sparkproof double open end wrenches



Ø "	L mm		
3/8x7/16	110	1	000550853
1/2x9/16	130	1	000550854
5/8x11/16	160	1	000550857
3/4x13/16	180	1	000550859
7/8x15/16	210	1	000550865
1x1.1/16	230	1	000550868
1.1/8x1.3/16	245	1	000550870
1.1/4x1.5/16	255	1	000550872

58BA

sparkproof open end slogging wrenches



Ø mm	L mm		
17	125	1	000580817
19	125	1	000580819
22	135	1	000580822
24	150	1	000580824
27	165	1	000580827
30	180	1	000580830
32	190	1	000580832
36	210	1	000580836
38	220	1	000580838
41	230	1	000580841
46	240	1	000580846
50	255	1	000580850
*55	305	1	000580855
*60	315	1	000580860
*65	335	1	000580865
*70	370	1	000580870
*75	375	1	000580875
*80	400	1	000580880

78BA

sparkproof bi-hex ring slogging wrenches



Ø mm	L mm		
17	145	1	000780817
19	145	1	000780819
22	165	1	000780822
24	140	1	000780824
27	155	1	000780827
30	165	1	000780830
32	180	1	000780832
34	192	1	000780834
36	208	1	000780836
38	215	1	000780838
41	225	1	000780841
46	245	1	000780846
50	250	1	000780850
55	265	1	000780855
60	275	1	000780860
65	295	1	000780865
70	310	1	000780870
75	325	1	000780875
80	340	1	000780880

78BA/AS

sparkproof bi-hex ring slogging wrenches



mm	L mm		
1.1/4	177	1	000780910
1.7/16	208	1	000780912
1.5/8	225	1	000780914
1.13/16	243	1	000780916
2	254	1	000780918
2.3/16	264	1	000780920
2.3/8	275	1	000780922
★2.9/16	286	1	000780924
★2.15/16	311	1	000780926
★3.1/8	325	1	000780928
★3.1/2	355	1	000780930

89BA

spark-proof single ring wrenches



mm	L mm		
10	200	1	000890810
11	210	1	000890811
12	220	1	000890812
13	230	1	000890813
14	240	1	000890814
16	260	1	000890816
17	270	1	000890817
18	280	1	000890818
19	300	1	000890819
20	310	1	000890820
22	330	1	000890822
24	350	1	000890824
27	370	1	000890827
30	400	1	000890830
32	420	1	000890832

90BA

sparkproof double ended offset ring wrenches



mm	L mm		
6x7	122	1	000900801
8x9	128	1	000900802
10x11	155	1	000900803
12x13	175	1	000900806
14x15	200	1	000900808
14x17	220	1	000900809
16x17	230	1	000900811
16x18	235	1	000900812
18x19	265	1	000900815
20x22	295	1	000900818
21x23	298	1	000900820
22x24	315	1	000900821
24x26	333	1	000900822
24x27	340	1	000900823
30x32	395	1	000900824
34x36	410	1	000900826
★36x41	450	1	000900828
★41x46	470	1	000900829
★46x50	490	1	000900830

91BA

sparkproof heavy duty offset ring wrenches



mm	∅ mm		
24	38	1	000910824
27	42	1	000910827
30	48	1	000910830
32	49	1	000910832
36	54	1	000910836
41	62	1	000910841
★46	69	1	000910846
★50	75	1	000910850
★55	82	1	000910855

92BA

sparkproof tubes for item 91BA



	L mm	91BA mm	∅ mm		
92BA/1	460	24÷30	25	1	000920810
92BA/2	610	32÷41	28	1	000920820
★92BA/3	760	46÷55	32	1	000920830

93BA

ratcheting double-ended offset ring wrench for scaffolding bolts, sparkproof



mm	L mm		
21x22	345	1	000930821

95BA

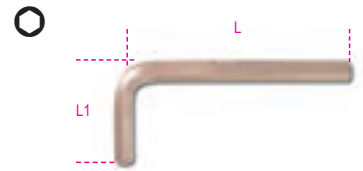
double ended flat ring wrenches, sparkproof



mm	L mm		
7x9	115	1	000950801
8x10	115	1	000950802
10x11	140	1	000950804
10x12	140	1	000950805
12x14	145	1	000950806
14x17	165	1	000950807
★16x18	170	1	000950809
★17x19	185	1	000950808
★18x19	185	1	000950810
★19x22	200	1	000950812
★21x23	230	1	000950815
★24x27	255	1	000950817
★30x32	295	1	000950820

96BA

sparkproof offset hexagon key wrenches



mm	L mm	L1 mm		
1,5	50	17	1	000960760
2	50	16	1	000960762
2,5	56	20	1	000960761
3	63	21	1	000960763
4	69	25	1	000960764
5	78	29	1	000960765
6	88	33	1	000960766
7	93	34	1	000960767
8	97	36	1	000960768
9	104	37	1	000960769
10	110	39	1	000960770
12	122	44	1	000960772

96BA/BP

ball head offset hexagon key wrenches, sparkproof



mm	L mm	L1 mm		
3	60	20	1	000961803
4	66	25	1	000961804
5	75	28	1	000961805
6	84	32	1	000961806
8	92	36	1	000961808
10	102	40	1	000961810
12	113	45	1	000961812

99BA

sparkproof hook wrenches with square noses, for ring nuts UNI/ISO 2982, 2983



mm	A mm		
32-75	4,0	1	000990803
50-120	4,5	1	000990805
115-170	4,5	1	000990811

110BA

sparkproof adjustable wrenches



L mm	A max		
100	13	1	001100810
150	18	1	001100815
200	24	1	001100820
250	32	1	001100825
300	39	1	001100830
375	48	1	001100837
★450	55	1	001100845
★600	65	1	001100860

330BA

sparkproof pipe cutters for gas pipes



	Ø max mm	L mm	
330BA/2	50 mm	375	1 003300802
	2"		

363BA

sparkproof heavy duty pipe wrenches



L mm	Ø max mm	Ø max mm	
150	1/2" gas	20	1 003630815
200	1" gas	30	1 003630820
250	1 1/2" gas	49	1 003630825
300	2" gas	60	1 003630830
350	2" gas	60	1 003630835
450	2 1/2" gas	76	1 003630845
600	3" gas	90	1 003630860

378BA

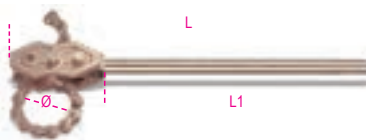
sparkproof pipe wrench, Swedish pattern, made from copper/beryllium alloy



L mm	Ø max "	
430	1" 1/2 gas	1 003780800
530	2" gas	1 003780801

386BA

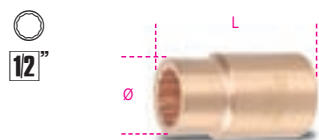
sparkproof heavy duty reversible chain pipe wrenches



L mm	Ø max mm	L1 mm	
600	100	470	1 003860806
900	200	750	1 003860809

921BA

sparkproof bi-hex sockets



mm	Ø mm	L mm	
8	24,0	40	1 009210808
9	24,0	40	1 009210809
10	16,5	40	1 009210810
11	17,5	40	1 009210811

mm	Ø mm	L mm	
12	18,5	40	1 009210812
13	19,5	40	1 009210813
14	20,0	40	1 009210814
15	21,5	40	1 009210815
16	24,0	40	1 009210816
17	25,0	40	1 009210817
18	25,0	40	1 009210818
19	28,0	42	1 009210819
20	29,0	42	1 009210820
21	30,0	43	1 009210821
22	30,5	43	1 009210822
24	34,0	43	1 009210824
25	36,0	43	1 009210825
26	37,5	43	1 009210826
27	37,5	45	1 009210827
28	38,9	46	1 009210828
30	41,5	46	1 009210830
32	43,5	46	1 009210832

921BA/21 - 921BA/22

sparkproof 1/2" wobble extension bars



	L mm	Ø mm	
921BA/21	125	30	1 009210842
921BA/22	250	31	1 009210844

921BA/25

sparkproof 1/2" drive universal joint



L mm	Ø mm	1/2	1/2	
80	25	1/2	1/2	1 009210845

921BA/42

sparkproof 1/2" drive sliding T handle



L mm		
250		1 009210846

921BA/50

sparkproof 1/2" drive push-through square ratchet



L mm	D mm	A mm	
250	45	16,5	1 009210850

921BA/R50

sparkproof spare set



1/2"	1 009210851
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926BA

sparkproof bi-hex hand sockets



mm	Ø mm	L mm	
24	40	55	1 009260824
26	40	55	1 009260826
27	40	55	1 009260827
28	41	55	1 009260828
30	43	60	1 009260830
32	45	60	1 009260832
34	48	60	1 009260834
36	50	60	1 009260836
38	53	60	1 009260838
41	57	65	1 009260841
46	63	65	1 009260846
50	68	70	1 009260850

926BA/22

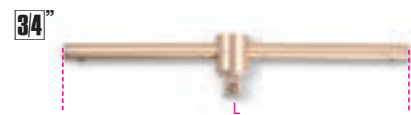
sparkproof 3/4" drive extension bars



L mm	Ø mm	
926BA/22	200	38
		1 009260872

926BA/42

sparkproof 3/4" drive slide T-handle



L mm		
400		1 009260876

926BA/50

sparkproof 3/4" push-through drive ratchet



L mm	D mm	A mm	
300	61	22	1 009260880

926BA/R50

sparkproof
spare set

3/4"



3/4"

1 009260881

937BA

hexagon socket wrenches, sparkproof



mm	L mm	A mm	
13	240	45	1 009370813
17	260	51	1 009370817
19	270	55	1 009370819
22	278	59	1 009370822
24	286	63	1 009370824
27	294	69	1 009370827
30	302	75	1 009370830
32	310	81	1 009370832
*36	330	85	1 009370836
*41	350	90	1 009370841

961BA

sparkproof scrapers



L mm	A mm	
250	39	1 009610802
350	55	1 009610806

963BA

sparkproof pry bars with pointed and flat bent ends



L mm	A mm	
500	24	1 009630801
*800	24	1 009630803
*1000	30	1 009630805

964BA

sparkproof wrench bungs



L mm	
385	1 009640801

964BA/L

universal shears for barrels,
sparkproof
For opening edged metal barrels



*964BA/L	L mm	
	510	1 009640821

965BA

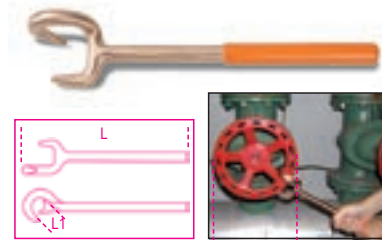
safety valve wrenches, sparkproof



A mm	A1 mm	L mm	
30	44	200	1 009650830
32	50	300	1 009650832
35	47	250	1 009650835
40	50	300	1 009650840
45	58	350	1 009650845
48	62	375	1 009650848
50	67	400	1 009650850
55	73	450	1 009650855
60	79	500	1 009650860
*65	82	550	1 009650865
*70	85	600	1 009650870

966BA

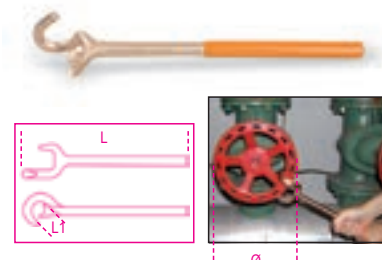
sparkproof safety valve wrench



L mm	L1 mm	Ø min+max mm	
350	40	50+150	1 009660801

966BA/V

sparkproof safety valve wrenches



L mm	L1 mm	Ø min+max mm	
370	36	125+250	1 009660812
430	48	250+400	1 009660814

1032BA

sparkproof internal circlip pliers, straight
pattern,
PVC-coated handles



L mm	Ø mm	
200	40+100	1 010320820

1036BA

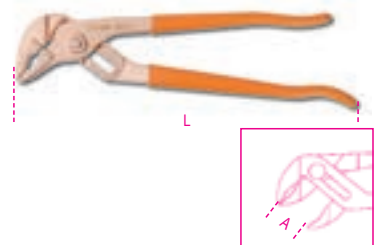
sparkproof external circlip pliers, straight
pattern,
PVC-coated handles



L mm	Ø mm	
200	40+100	1 010360820

1046BA

sparkproof slip joint pliers



L mm	A max mm	
250	32	1 010460801
*300	52	1 010460803

1082BA

sparkproof diagonal cutting nippers



L mm	L1 mm	
160	22	1 010820801

1137BA

blasting pliers



L mm	L1 mm	
185	30	1 011370801

1137BA/RC

spare blade for item 1137BA

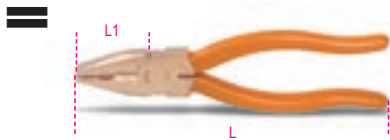


1137BA/RC

1 011370851

1150BA

sparkproof combination pliers



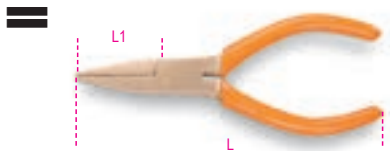
L mm
200

L1 mm
40

1 011500820

1162BA

sparkproof extra-long flat knurled nose pliers



L mm
150

L1 mm
54

1 011620815

1166BA

sparkproof extra-long needle knurled nose pliers



L mm
150

L1 mm
54

1 011660815

1270BA

sparkproof screwdrivers for slotted head screws



AxL mm	L1 mm	
3x75	178	1 012700803
4x100	209	1 012700804
5x150	250	1 012700805
6x150	270	1 012700806
10x250	382	1 012700810
8x200	312	1 012700808

1272BA

sparkproof screwdrivers for cross head Phillips® screws



PHxDxL mm	L1 mm	
1x5x100	209	1 012720801
2x6x150	270	1 012720802
3x8x200	332	1 012720803

1370BA

sparkproof engineer's hammers, wooden shafts



g	L1 mm	L mm	
500	108	310	1 013700805
1000	137	340	1 013700810

1370BA/MR

spare shafts for item 1370BA

1370BA/MR500	1 013700865
1370BA/500	
1370BA/MR1000	1 013700870
1370BA/1000	

1375BA/PL

sparkproof ball pein and claw hammer, wooden shaft



g	L mm	L1 mm	Ø mm	
680	321	125	30	1 013750800

1377BA

sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths



g	L1 mm	L mm	
340	90	280	1 013770834

1377BA/PL

sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths



g	L1 mm	L mm	
340	90	280	1 013770884

1379BA

sparkproof scraping hammer, wooden shaft



g	L1 mm	L mm	
500	142	315	1 013790850

1380BA

sparkproof lump hammers, wooden shafts



g	L1 mm	L mm	
1000	100	400	1 013800810
1500	118	400	1 013800815
2000	126	449	1 013800820

1380BA/MR

spare shafts for item 1380BA

1380BA/MR1000	1 013800860
1380BA/1000	
1380BA/MR1500	1 013800865
1380BA/1500	
1380BA/MR2000	1 013800870
1380BA/2000	

1381BA

sparkproof sledge hammers, wooden shafts



g	L1 mm	L mm	
5000	179	900	1 013810850
*8000	190	900	1 013810858

1381BA/MR

spare shaft for item 1381BA

1381BA/MR5000 1381BA/5000	1 013810870
*1381BA/MR8000 1381BA/8000	1 013810878

1390BA

spark-proof soft face hammer



∅ mm	L mm	L1 mm	
*52	370	130	1 013900805

1390BA/R

spare nylon faces for item 1390BA



D mm	
52	4 013900885

1602BA

sparkproof crimping pliers for insulated terminals, lightweight series



mm ²	L mm	
0.75+6	200	1 016020801

1701BA

sparkproof hexagon chisels



L mm	A mm	S mm	
150	12	10	1 017010810
200	16	14	1 017010814
250	18	14	1 017010815
350	19	17	1 017010817

1703BA/A

sparkproof axe



L mm	L1 mm	A mm	
340	145	82	1 017030082

1703BA/P

sparkproof pick



A mm	L mm	L1 mm	
56	1050	410	1 017030150

1703BA/PL

sparkproof shovel



A mm	L1 mm	L mm	
240	420	990	1 017030200

1717BA

sparkproof rigid spatulas



A mm	
60	1 017170801
80	1 017170803

1717BA/1

sparkproof wall scraper



A mm	L mm	
100	220	1 017170805

1719BA8

sparkproof files, 8"



	L mm	
1719BA8/P	200	1 017190801
1719BA8/M	200	1 017190805
1719BA8/R	200	1 017190810
1719BA8/T	200	1 017190815
1719BA8/Q	200	1 017190820

1719BA12

sparkproof files, 12"



L mm	
300	1 017190831

1727BA

sparkproof hacksaw and blade



L mm	L1 mm	
500	300	1 017270801

1728BA

spark-proof blades for hacksaw frames, made from copper-beryllium alloy



L mm	
300	1 017280801

1737BA

brush with sparkproof wires



L mm	A mm	
294	29	1 017370801

1776BA

sparkproof knife



L1 mm	L mm	
145	250	1 017760801

1784BA

sparkproof scissors



L mm	
225	1 017840822