

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.



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.

CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK

		CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK	
ATEX		MEDIUM-LOW	EXTREMELY LOW
GASES		<p>ZONE 1</p> <p>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.</p>	<p>ZONE 2</p> <p>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.</p>
		<p>ZONE 21</p> <p>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.</p>	<p>ZONE 22</p> <p>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.</p>
DUSTS			

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

31BA/C sparkproof drift punches



Ø mm	Ø1 mm	L mm		
★6	12	150	1	000310876
★7	13	150	1	000310877
★12	18	175	1	000310882
★13	29	255	1	000310883

32BA sparkproof centre punch



● mm	L mm		
14	150	1	000320811

34BA sparkproof flat chisels



L mm	A mm		
200	22	1	000340801
250	24	1	000340803
300	25	1	000340802

39BA

sparkproof wedges



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

42BA

sparkproof combination wrenches, open bi-hex ring ends



mm	L		
mm	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
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
26x26	290	1	000420826
27x27	290	1	000420827
28x28	290	1	000420828
30x30	313	1	000420830
32x32	333	1	000420832
34x34	360	1	000420834
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



mm	L		
mm	mm		
9/32x9/32	120	1	000420946
5/16x5/16	120	1	000420947
11/32x11/32	135	1	000420948
3/8x3/8	128	1	000420950
7/16x7/16	135	1	000420951
15/32x15/32	140	1	000420949
1/2x1/2	140	1	000420953
9/16x9/16	163	1	000420954

mm	L		
mm	mm		
*19/32x19/32	195	1	000420955
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
*31/32x31/32	265	1	000420963
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
*1.7/16x1.7/16	360	1	000420976

55BA

sparkproof double open end wrenches



mm	L		
mm	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
*12x14	130	1	000550846
13x14	133	1	000550799
14x15	145	1	000550805
14x17	150	1	000550806
16x17	165	1	000550807
17x19	170	1	000550847
18x19	170	1	000550809
*19x22	185	1	000550810
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



mm	L		
mm	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



mm	L		
mm	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
*34	200	1	000580834
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
*85	400	1	000580885
*90	445	1	000580890
*95	445	1	000580895
*100	485	1	000580900
*110	513	1	000580901

58BA-AS

sparkproof double open end slogging wrenches



mm	L	A	S		
mm	mm	mm	mm		
*11/16	125	40,5	11,0	1	000580904
*3/4	125	40,5	11,0	1	000580905
*7/8	135	46,2	12,0	1	000580906
*15/16	150	50,3	12,0	1	000580907
*31/32	150	50,3	12,0	1	000580954
*1	175	56,9	15,0	1	000580908
*1.1/8	190	64,0	15,5	1	000580909
*1.1/4	190	64,0	15,5	1	000580910
*1.7/16	210	75,0	18,5	1	000580912
*1.1/2	220	82,0	18,5	1	000580913
*1.5/8	230	86,8	18,5	1	000580914
*1.3/4	250	98,0	20,	1	000580970

78BA

sparkproof bi-hex ring slogging wrenches



mm	L		
mm	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

mm	L mm		
70	310	1	000780870
75	325	1	000780875
80	340	1	000780880
*85	355	1	000780885
*90	380	1	000780890
*95	390	1	000780895
*100	410	1	000780900
*105	420	1	000780903
*110	445	1	000780901
*120	480	1	000780902

78BA-AS

sparkproof bi-hex ring slogging wrenches



"	L mm		
11/16	145	1	000780908
3/4	145	1	000780909
7/8	155	1	000780935
15/16	165	1	000780936
*31/32	165	1	000780937
1	175	1	000780938
*1.1/16	175	1	000780939
1.1/8	180	1	000780940
1.3/16	185	1	000780941
1.1/4	177	1	000780910
*1.5/16	200	1	000780954
*1.3/8	205	1	000780911
1.7/16	208	1	000780912
*1.1/2	215	1	000780913
*1.9/16	225	1	000780947
*1.11/16	225	1	000780962
1.5/8	225	1	000780914
*1.3/4	235	1	000780963
1.13/16	243	1	000780916
1.7/8	235	1	000780915
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
12X14	180	1	000900807
14x15	200	1	000900808
14x17	220	1	000900809
16x17	230	1	000900811
16x18	235	1	000900812
17X19	250	1	000900814
18x19	265	1	000900815
19x22	280	1	000900817
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	Ø 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	Ø 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

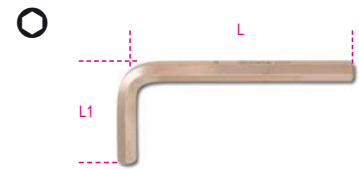
double ended flat ring wrenches, sparkproof



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

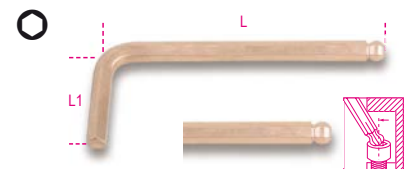
sparkproof offset hexagon key wrenches



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
11	118	42	1	000960771
12	122	44	1	000960772
14	150	58	1	000960774
15	156	60	1	000960775
16	162	63	1	000960776
17	168	65	1	000960777
19	177	72	1	000960779
22	186	77	1	000960802
24	192	82	1	000960804

96BA/BP

ball head offset hexagon key wrenches, sparkproof



mm	L mm	L1 mm		
1,5	50	16	1	000961800
2	50	16	1	000961801
2,5	63	20	1	000961802
3	60	20	1	000961803
3,5	70	25	1	000961799
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

96BAF-AS

sparkproof offset hexagon key wrenches



mm	L mm	L1 mm		
★1/16	59	25	1	000962831
★5/64	59	25	1	000962832
★3/32	59	25	1	000962833
★7/64	59	25	1	000962834
★1/8	59	25	1	000962835
★9/64	64	29	1	000962836
★5/32	65	30	1	000962837
★3/16	79	31	1	000962838
★7/32	85	37	1	000962839
★1/4	85	37	1	000962840
★5/16	92	44	1	000962842
★3/8	110	45	1	000962844
★7/16	119	48	1	000962845
★1/2	140	55	1	000962846
★9/16	150	58	1	000962847

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 mm		
100	13	1	001100810
150	18	1	001100815
200	24	1	001100820
250	30	1	001100825
300	36	1	001100830
375	46	1	001100837
★450	55	1	001100845
★600	65	1	001100860

330BA

sparkproof pipe cutters for gas pipes



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

330BA/2R

spare pin and knife for gas pipe cutter 330BA, sparkproof



330BA/2-R		
	1	003300822

363BA

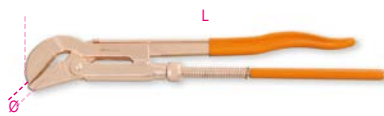
sparkproof heavy duty pipe wrenches



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

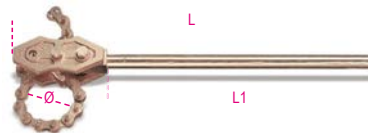
sparkproof pipe wrench, Swedish pattern, made from copper/beryllium alloy



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

386BA

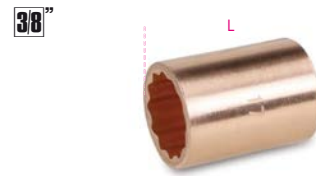
sparkproof heavy duty reversible chain pipe wrenches



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

911BA

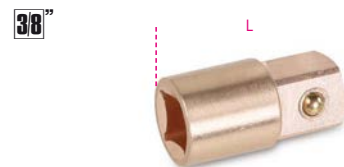
bi-hex hand sockets, spark-proof



mm	L mm		
6	28	1	009110806
7	28	1	009110807
8	28	1	009110808
9	28	1	009110809
10	32	1	009110810
11	32	1	009110811
12	32	1	009110812
13	32	1	009110813
14	32	1	009110814
15	32	1	009110815
16	32	1	009110816
17	32	1	009110817
18	32	1	009110818
19	32	32	1 009110819

911BA/16

adaptor, 3/8" female and 1/2" male drives, spark-proof



L mm	□	■		
34	3/8	1/2	1	009110836

911BA/20

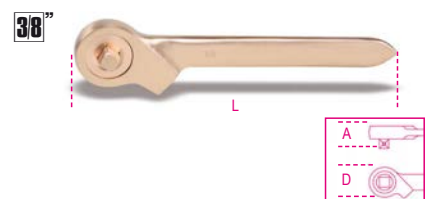
extension bar, 3/8" male and female drives, spark-proof



L mm		
75	1	009110840

911BA/55

3/8" push-through drive ratchet, spark-proof

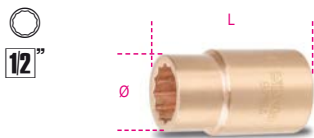


L mm	D mm	A mm		
200	45	16.5	1	009110882

Beta

921BA

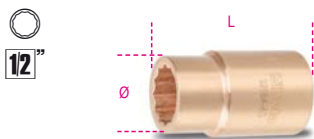
sparkproof bi-hex sockets



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
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-AS

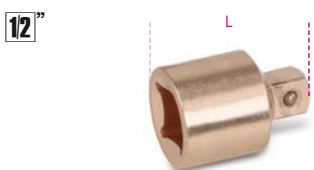
sparkproof bi-hex sockets



"	Ø mm	L mm		
5/16	24,0	40	1	009210958
3/8	24,0	40	1	009210960
7/16	24,0	40	1	009210961
1/2	24,0	40	1	009210963
9/16	24,0	40	1	009210964
5/8	25,0	40	1	009210966
11/16	25,5	40	1	009210967
3/4	28,0	42	1	009210969
13/16	30,0	43	1	009210971
7/8	31,5	43	1	009210972
15/16	34,0	43	1	009210974
1	36,0	43	1	009210975
1.1/16	38,0	46	1	009210977
1.1/4	42,0	46	1	009210982
1.7/16	50,5	50	1	009210986

921BA/15

adaptor,
1/2" female and 3/8" male drives,
spark-proof



L mm	□	■		
34	1/2	3/8	1	009210839

921BA/16

adaptor, 1/2" female and 3/4" male
drives, sparkproof



L mm	□	■		
34	1/2	3/4	1	009210840

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

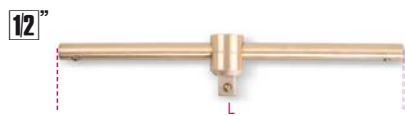
sparkproof 1/2" drive universal joint



L mm	Ø mm	□	■		
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

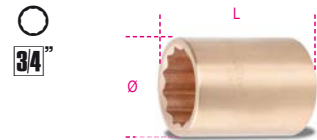
sparkproof
spare set



L mm	□	■		
1/2"			1	009210851

926BA

sparkproof bi-hex hand sockets



mm	Ø mm	L mm		
22	40	55	1	009260822
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/15

adaptor, 3/4" female and 1/2" male
drives, sparkproof



L mm	□	■		
55	3/4	1/2	1	009260861

926BA/22

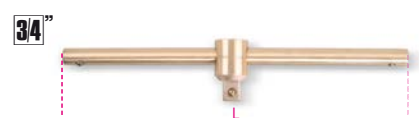
sparkproof 3/4" drive extension bars



926BA/22	L mm	Ø mm		
	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	D	A	
mm	mm	mm	
300	61	22	1 009260880

926BA/R50

sparkproof spare set



3/4"	
	1 009260881

937BA

hexagon socket wrenches, sparkproof



mm	L	A	
mm	mm	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

951BA

T-handle wrenches with hexagon male ends, sparkproof



mm	L	L1	
mm	mm	mm	
4	100	90	1 009510904
5	100	90	1 009510905
6	100	90	1 009510906

961BA

sparkproof scrapers



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

963BA

sparkproof pry bars with pointed and flat bent ends



L	A	
mm	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

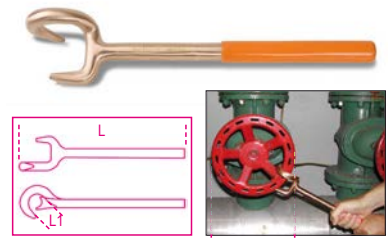
safety valve wrenches, sparkproof



A	A1	L	
mm	mm	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

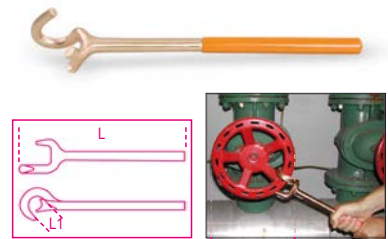
sparkproof safety valve wrench



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

966BA/V

sparkproof safety valve wrenches



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

1032BA

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



L	Ø	
mm	mm	
200	40÷100	1 010320820

1036BA

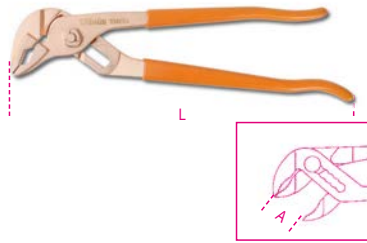
sparkproof external circlip pliers, straight pattern, PVC-coated handles



L	Ø	
mm	mm	
200	40÷100	1 010360820

1046BA

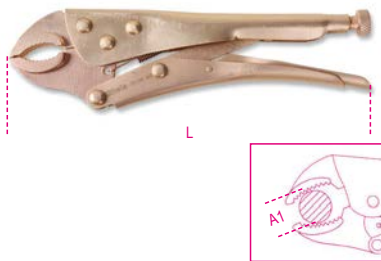
sparkproof slip joint pliers



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

1052BA

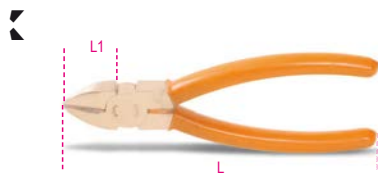
adjustable self-locking pliers, concave jaws, sparkproof



L mm	A1 max mm		
225	40,0	1	010520824

1082BA

sparkproof diagonal cutting nippers



L mm	L1 mm		
160	22	1	010820801

1100BA

bolt cutters, spark-proof



L mm			
600		1	011000860

1137BA

blasting pliers



L mm	L1 mm		
185	30	1	011370801

1137BA/RC

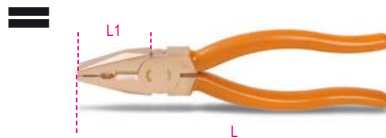
spare blade for item 1137BA



1137BA/RC			
	1	011370851	

1150BA

sparkproof combination pliers



L mm	L1 mm		
200	40	1	011500820

1162BA

sparkproof extra-long flat knurled nose pliers



L mm	L1 mm		
150	54	1	011620815

1166BA

sparkproof extra-long needle knurled nose pliers



L mm	L1 mm		
150	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

1277BA

screwdrivers for Torx® head screws, sparkproof



Ø	L mm	L1 mm	Ø mm		
T10	75	184	5	1	012770810
T15	75	184	5	1	012770815
T20	100	209	6	1	012770820
T25	125	209	6	1	012770825
T30	150	270	6	1	012770830
T40	200	332	8	1	012770840

1370BA

sparkproof engineer's hammers, wooden shafts



g	A mm	L mm	L1 mm		
500	30	310	108	1	013700805
1000	35	340	137	1	013700810

1370BA/MR

spare shafts for item 1370BA

1370BA/MR 500	1	013700865
1370BA/500		
1370BA/MR 1000	1	013700870
1370BA/1000		

1370BA/PL

sparkproof engineer's hammers, fibre shafts



g	A mm	L mm	L1 mm		
500	30	310	108	1	013700815
1000	35	340	137	1	013700820

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

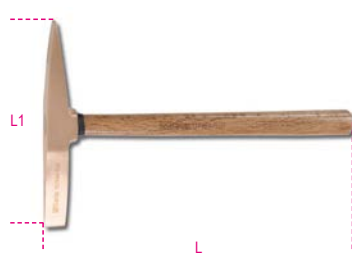
sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths



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	400	1	013800820

1380BA/MR

spare shafts for item 1380BA

1380BA/MR 1000	1	013800860
1380BA/1000		
1380BA/MR 1500	1	013800865
1380BA/1500		
1380BA/MR 2000	1	013800870
1380BA/2000		

1380BA/PL

sparkproof mason club hammers, fibre shafts



g	L1 mm	L mm		
500	80	310	1	013800955
1000	94	350	1	013800960
1500	115	400	1	013800965
2000	125,5	400	1	013800970

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/MR 5000	1	013810870
1381BA/5000		
*1381BA/MR 8000	1	013810878
1381BA/8000		

1381BA/PL

sparkproof sledge hammers, fibre shafts



g	L1 mm	L mm		
5000	172	900	1	013810885
8000	204	900	1	013810888

1390BA

spark-proof soft face hammer



Ø 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



$\frac{1}{2}$	L		
mm ²	mm		
0.75+6	200	1	016020801

1701BA

sparkproof hexagon chisels



L	A	S	
mm	mm	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	L1	A	
mm	mm	mm	
340	145	82	1 017030082

1703BA/P

sparkproof pick



A	L	L1	
mm	mm	mm	
56	1050	410	1 017030150

1703BA/PL

sparkproof shovel



A	L1	L	
mm	mm	mm	
240	420	990	1 017030200

1717BA

sparkproof rigid spatulas



A		
mm		
60	1	017170801
80	1	017170803

1717BA/1

sparkproof wall scraper



A	L	
mm	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	
1719BA12/P	300	1 017190831

1727BA

sparkproof hacksaw and blade



L	L1	
mm	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	A	
mm	mm	
294	29	1 017370801

1758BA

sparkproof funnel



Ø	H	
mm	mm	
160	150	1 017580815

1776BA

sparkproof knife



L1	L	
mm	mm	
145	250	1 017760801

1784BA

sparkproof scissors



L		
mm		
225	1	017840822

