

PROJECTION WELD NUT M4

AIR-COOLED

Item number example
for a complete electrode



for sheet hole diameter
> 5.4 mm



Change electrode SW 19
> 1111-ZK-10009



Centring pin long, Cerazur
> 8228-ZK-10009



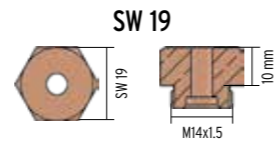
Spring for BE (stud insert) up to 30 mm
> 1112-ZK-12205



Base electrode standard \varnothing 18,
30 mm length
> 1111-ZK-10500



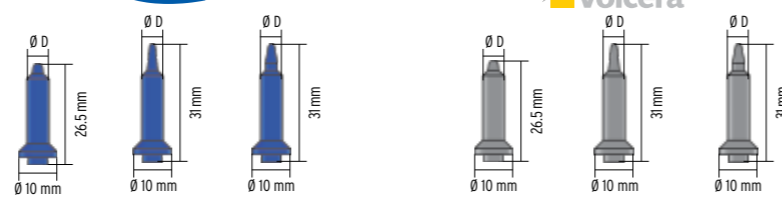
O-ring
> 1123-ZK-16434



Change electrodes

Item No.	SW 19		Item No.	SW 19		Item No.	SW 19	
	1111-ZK-	1111-ZK-		1111-ZK-	1111-ZK-		1111-ZK-	1111-ZK-
4.5	10000		5.2	10007		5.9	10014	
4.6	10001		5.3	10008		6.0	10015	
4.7	10002		5.4	10009		6.1	10016	
4.8	10003		5.5	10010		6.2	10017	
4.9	10004		5.6	10011		6.3	10018	
5.0	10005		5.7	10012		6.4	10019	
5.1	10006		5.8	10013		6.5	10020	

Centring pins



Item No.	Short			Long			With collar		
	8228-ZK-	8228-ZK-	8228-ZK-	8440-ZK-	8440-ZK-	8440-ZK-	8440-ZK-	8440-ZK-	8440-ZK-
4.5	11000	10000	10300	4.5	11000	10000	10300	4.5	11000
4.6	11001	10001	10301	4.6	11001	10001	10301	4.6	11001
4.7	11002	10002	10302	4.7	11002	10002	10302	4.7	11002
4.8	11003	10003	10303	4.8	11003	10003	10303	4.8	11003
4.9	11004	10004	10304	4.9	11004	10004	10304	4.9	11004
5.0	11005	10005	10305	5.0	11005	10005	10305	5.0	11005
5.1	11006	10006	10306	5.1	11006	10006	10306	5.1	11006
5.2	11007	10007	10307	5.2	11007	10007	10307	5.2	11007
5.3	11008	10008	10308	5.3	11008	10008	10308	5.3	11008
5.4	11009	10009	10309	5.4	11009	10009	10309	5.4	11009
5.5	11010	10010	10310	5.5	11010	10010	10310	5.5	11010
5.6	11011	10011	10311	5.6	11011	10011	10311	5.6	11011
5.7	11012	10012	10312	5.7	11012	10012	10312	5.7	11012
5.8	11013	10013	10313	5.8	11013	10013	10313	5.8	11013
5.9	11014	10014	10314	5.9	11014	10014	10314	5.9	11014
6.0	11015	10015	10315	6.0	11015	10015	10315	6.0	11015

Accessories for base electrodes

Springs

For base electrodes up to 30 mm

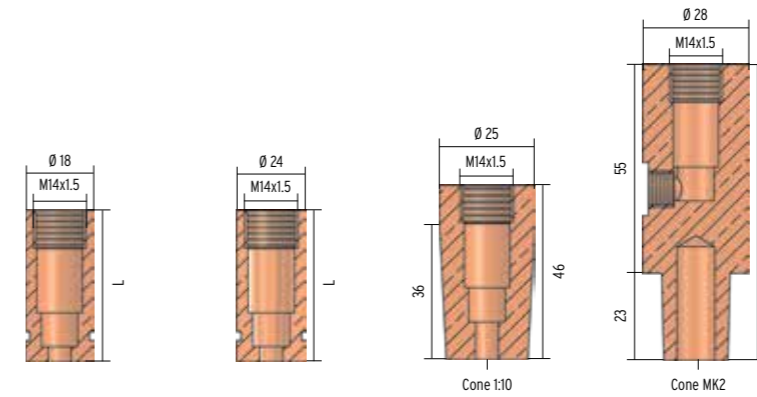
Length	Item No.	Spring M4
30 mm	1112-ZK-	12205

Springs

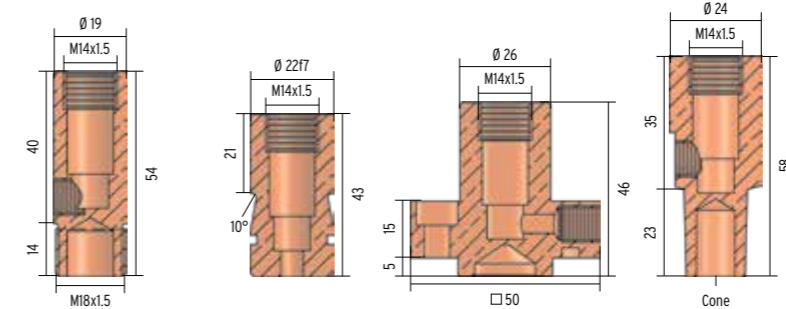
For base electrodes from 40 mm

Length	Item No.	Spring M4
40 mm	1112-ZK-	12204

BASE ELECTRODES



Length (L in mm)	Standard \varnothing 18		Standard \varnothing 24		Cone 1:10		Cone MK2	
	Item No.	1111-ZK-	Item No.	1111-ZK-	Item No.	1111-ZK-	Item No.	1111-ZK-
30	10500		10506		-		-	
40	10501		10507		-		-	
50	10502		10508		-		-	
	-		-		10580		10540	



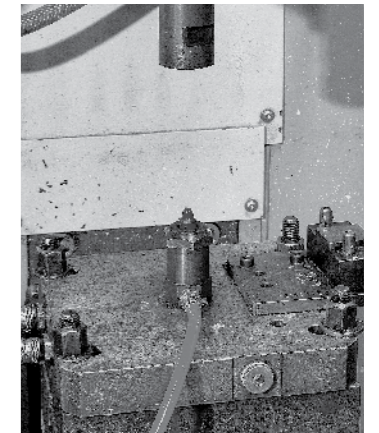
Item No.	Thread M18x1.5		S-type		R-type		T-type	
	1111-ZK-	1111-ZK-	1111-ZK-	1111-ZK-	1111-ZK-	1111-ZK-	1111-ZK-	1111-ZK-
	10560		10680		10608		10640	

O-rings

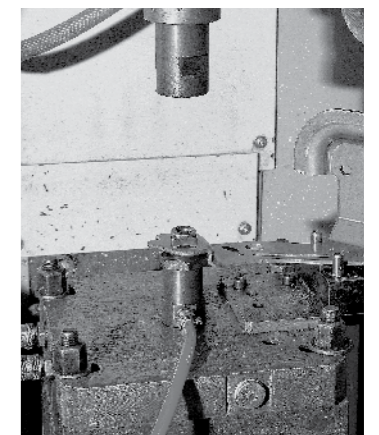
Item No.	O-rings M4	
	18	1123-ZK-
24	1123-ZK-	16435
S-type	1123-ZK-	58440

Compressed air connector

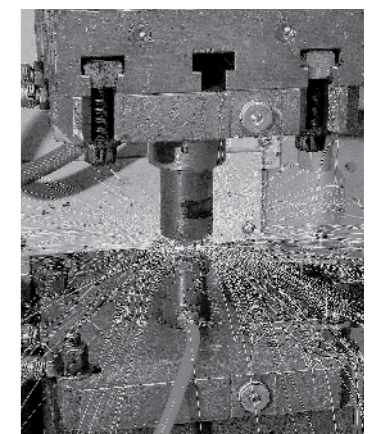
Item No.	Compressed air connector 1/8-6	
	1116-ZK-	1116-ZK-



Centring pin made of CERAZUR
in a complete electrode



Precise centring of sheet
and projection weld nut



Welding process