

CODE			CODE		
BX0430		transformer 230 V - 35 Vac	1	BX0520	cable 50 mm 2 - 1,5 m
BX0431		transformer 120 V - 35 Vac	1	BX0695	remote control



TECHNICAL DATA	
	S62490D00
V PEAK	113
	Argon
	0,5÷3,2 mm .020" ÷ 1/8"
X 100%	320A DC - 250A AC
	4 bar
	1.5 l/min

TECHNICAL DATA	
	S12490D00
X 100%	400A DC - 300A AC
TECHNICAL DATA	
	SK2490A00
X 35%	400A DC - 300A AC
V PEAK	113
	Argon
	0,5 ÷ 4,0 mm .020" ÷ 5/32"
	4 bar
	1.5 l/min

TECHNICAL DATA	
	S92490D00
V PEAK	113
	Argon
	0,5÷3,2 mm .020" ÷ 1/8"
X 100%	250A DC - 220A AC
	4 bar
	1.5 l/min

CODE		
S62490D00	DUALTIG RC SUPER 20	1
BX0455	Potentiometer 1K	1
FA0026	liner nut M10x1	10
FE0169	wire guide holder 20HC	1
GM0096	graphite liner	200
MD0222-08	Ø 0,8 Cu	5
MD0222-10	Ø 1,0 Cu	5
MD0222-12	Ø 1,2 Cu	5
TC0014	tig nozzle	10
TD0005-24	tig collet	10
TE0003-24	tig collet body	10
TG0912	tig torch head 20HC	1
TT0170	Tip kit	1

CODE		
S12490D00	DUALTIG RC SUPER 18	1
SK2490A00	DUALTIG RC 26	1
BX0455	Potentiometer 1K	1
FE0179	wire guide holder 18HC/26	1
GM0096	graphite liner	200
MD0222-08	Ø 0,8 Cu	5
MD0222-10	Ø 1,0 Cu	5
MD0222-12	Ø 1,2 Cu	5
TF0026	tig torch head	1
TG0913	tig torch head 18HC	1
TT0170	Tip kit	1

CODE		
S92490D00	AUTOTIG 20	1
FE0189	wire guide holder	1
GM0096	graphite liner	200
MD0222-08	Ø 0,8 Cu	5
MD0222-10	Ø 1,0 Cu	5
MD0222-12	Ø 1,2 Cu	5
TG1010	tig torch head	1
TT0170	Tip kit	1

TPRO SUPER 18

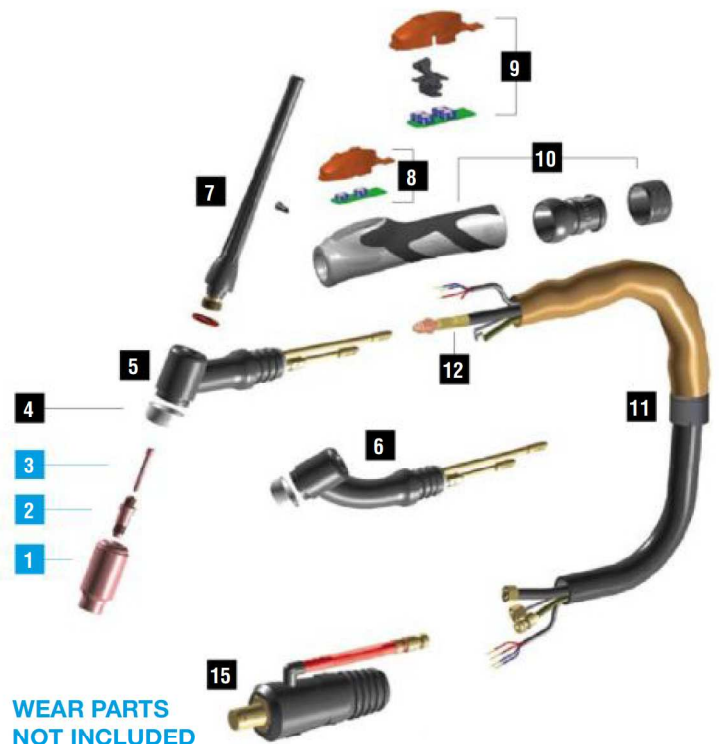
CE EN60974-7



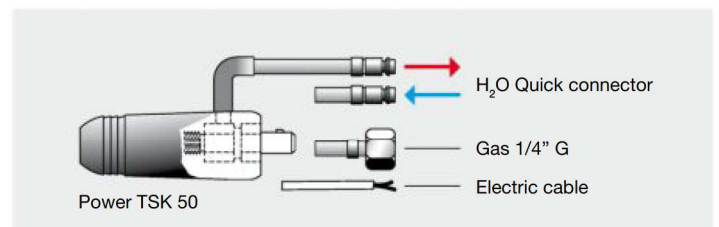
CODE	↔		↕	⚡
H12410-00	4 m	12.5'	dual	TSK 50-1/4G
H12810-00	8 m	25'	dual	

TECHNICAL DATA	
TPRO SUPER 18	
	0,90 kg 1.98 lb
V PEAK	113
	Argon
	0,5 ÷ 4,0 mm .020" ÷ 5/32"
X 100%	400A DC - 300A AC
	4 bar
	1.5 l/min

	CODE			
4	TQ0008		insulator	10
5	TG0913		tig 18HC torch head	1
6	TG0914		tig 18HC flex torch head	1
7	BW0066		back cap 117 mm	10
7	EA0130		O-ring Ø 9x2 mm	10
8	TT0183		kit Tpro Dual	1
9	TT0184		kit Tpro Multi	1
10	BW0311		cable joint	1
10	EA0329		screw	50
10	TP0139		Tpro handle	1
11	TH1228		cable assembly - 4 m / 12.5'	1
11	TH1229		cable assembly - 8 m / 25'	1
12	TH1016		power cable - 4 m / 12.5'	1
12	TH1017		power cable - 8 m / 25'	1
15	CX0080		TSK 50 - quick plug	1



WEAR PARTS NOT INCLUDED
 Starter kits page 360
 Wear parts page 362



TUNGSTEN ELECTRODES

UNI EN ISO 6848-2004



CODE		\varnothing	\longleftrightarrow	
TR0001-10	WP	1 mm	150 mm	1
TR0001-16		1,6 mm	150 mm	1
TR0001-20		2 mm	150 mm	1
TR0001-24		2,4 mm	150 mm	1
TR0001-32		3,2 mm	150 mm	1
TR0001-40		4 mm	150 mm	1
TR0001-48		4,8 mm	150 mm	1
TR0002-10		WP	1 mm	175 mm
TR0002-16	1,6 mm		175 mm	1
TR0002-20	2 mm		175 mm	1
TR0002-24	2,4 mm		175 mm	1
TR0002-32	3,2 mm		175 mm	1
TR0002-40	4 mm		175 mm	1
TR0002-48	4,8 mm		175 mm	1
TR0002-64	6,4 mm		175 mm	1
TR0007-10	WC20	1 mm	150 mm	1
TR0007-16		1,6 mm	150 mm	1
TR0007-20		2 mm	150 mm	1
TR0007-24		2,4 mm	150 mm	1
TR0007-32		3,2 mm	150 mm	1
TR0007-40		4 mm	150 mm	1
TR0007-48		4,8 mm	150 mm	1
TR0008-10		WC20	1 mm	175 mm
TR0008-16	1,6 mm		175 mm	1
TR0008-20	2 mm		175 mm	1
TR0008-24	2,4 mm		175 mm	1
TR0008-32	3,2 mm		175 mm	1
TR0008-40	4 mm		175 mm	1
TR0008-48	4,8 mm		175 mm	1
TR0011-10	WL10		1 mm	150 mm
TR0011-16		1,6 mm	150 mm	1
TR0011-20		2 mm	150 mm	1
TR0011-24		2,4 mm	150 mm	1
TR0011-32		3,2 mm	150 mm	1
TR0011-40		4 mm	150 mm	1
TR0011-48		4,8 mm	150 mm	1
TR0012-16		WL10	1,6 mm	175 mm
TR0012-24	2,4 mm		175 mm	1
TR0012-32		3,2 mm	175 mm	1

CODE		\varnothing	\longleftrightarrow		
TR0013-10	WL15	1 mm	150 mm	1	
TR0013-16		1,6 mm	150 mm	1	
TR0013-20		2 mm	150 mm	1	
TR0013-24		2,4 mm	150 mm	1	
TR0013-32		3,2 mm	150 mm	1	
TR0013-40		4 mm	150 mm	1	
TR0013-48		4,8 mm	150 mm	1	
TR0014-10		WL15	1 mm	175 mm	1
TR0014-16	1,6 mm		175 mm	1	
TR0014-20	2 mm		175 mm	1	
TR0014-24	2,4 mm		175 mm	1	
TR0014-32	3,2 mm		175 mm	1	
TR0014-40	4 mm		175 mm	1	
TR0014-48	4,8 mm		175 mm	1	
TR0017-10	WL20		1 mm	150 mm	1
TR0017-16		1,6 mm	150 mm	1	
TR0017-20		2 mm	150 mm	1	
TR0017-24		2,4 mm	150 mm	1	
TR0017-32		3,2 mm	150 mm	1	
TR0017-40		4 mm	150 mm	1	
TR0017-48		4,8 mm	150 mm	1	
TR0018-10		WL20	1 mm	175 mm	1
TR0018-16	1,6 mm		175 mm	1	
TR0018-20	2 mm		175 mm	1	
TR0018-24	2,4 mm		175 mm	1	
TR0018-32	3,2 mm		175 mm	1	
TR0018-40	4 mm		175 mm	1	
TR0021-10	WR2		1 mm	150 mm	1
TR0021-16			1,6 mm	150 mm	1
TR0021-20		2 mm	150 mm	1	
TR0021-24		2,4 mm	150 mm	1	
TR0021-32		3,2 mm	150 mm	1	
TR0021-40		4 mm	150 mm	1	
TR0021-48		4,8 mm	150 mm	1	
TR0022-10		WR2	1 mm	175 mm	1
TR0022-16	1,6 mm		175 mm	1	
TR0022-20	2 mm		175 mm	1	
TR0022-24	2,4 mm		175 mm	1	
TR0022-32	3,2 mm		175 mm	1	
TR0022-40	4 mm		175 mm	1	

WEAR PARTS KITS





STARTER KITS





9 - 20 - 20 HC - 25

CODE	Ø			
TT0101	1,6 mm	1/16"	WR2	1
TT0102	2,4 mm	3/32"	WR2	1

17 - 18 - 18 HC - 26

CODE	Ø			
TT0103	1,6 mm	1/16"	WR2	1
TT0104	2,4 mm	3/32"	WR2	1
TT0105	3,2 mm	1/8"	WR2	1



24 - 24W

CODE	Ø			
TT0203	1,6 mm	1/16"	WC20	1
TT0204	2,4 mm	3/32"	WC20	1

STARTER KITS



9 - 20 - 20 HC - 25

CODE	Ø			
TT0221	1,6 mm	1/16"		1
TT0222	2,4 mm	3/32"		1

17 - 18 - 18 HC - 26

CODE	Ø			
TT0223	1,6 mm	1/16"		1
TT0224	2,4 mm	3/32"		1


24 - 24W

CODE	Ø			
TT0226	1,6 mm	1/16"		1


MASTER KITS



9 - 20 - 20 HC - 25

CODE	Ø		
TT0109	1,0 mm - 1,6 mm - 2,0 mm - 2,4 mm - 3,2 mm		1



17 - 18 - 18 HC - 26

CODE	Ø		
TT0110	1,6 mm - 2,0 mm - 2,4 mm - 3,2 mm - 4,0 mm		1



STARTER KITS WITH BACK CAP



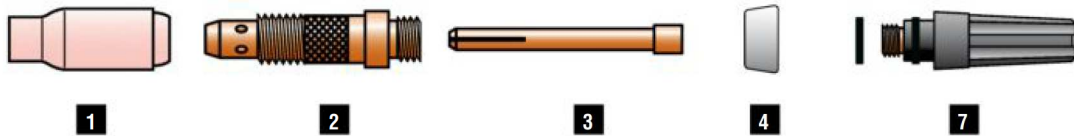
9 - 20 - 20 HC - 25

CODE	Ø			
TT0021	1,6 mm	1/16"	WC20	1
TT0022	2,4 mm	3/32"	WC20	1

17 - 18 - 18 HC - 26

CODE	Ø			
TT0023	1,6 mm	1/16"	WC20	1
TT0024	2,4 mm	3/32"	WC20	1
TT0025	3,2 mm	1/8"	WC20	1

SERIES 17 - 18 - 26 - SUPER 18 WEAR PARTS



STANDARD

	CODE		Gr	Ø		REF	
1	TC0002		4	6,4 mm 1/4"	47 mm	10N50	10
1	TC0003		5	8 mm 5/16"	47 mm	10N49	10
1	TC0004		6	9,8 mm 3/8"	47 mm	10N48	10
1	TC0005		7	11,2 mm 7/16"	47 mm	10N47	10
1	TC0006		8	12,7 mm 1/2"	47 mm	10N46	10
1	TC0007		10	15,7 mm 5/8"	47 mm	10N45	10
1	TC0008		12	19 mm 3/4"	47 mm	10N44	10
1	TC0091		5	8 mm 5/16"	76 mm	10N49L	10
1	TC0092		6	9,5 mm 3/8"	76 mm	10N48L	10
1	TC0093		7	11 mm	76 mm	10N47L	10
2	TE0001-05			0,5 mm .020"	47 mm	10N29	10
2	TE0001-10			1,0 mm .040"	47 mm	10N30	10
2	TE0001-16			1,6 mm 1/16"	47 mm	10N31	10
2	TE0001-20			2,0 mm 5/64"	47 mm	-	10
2	TE0001-24			2,4 mm 3/32"	47 mm	10N32	10
2	TE0001-32			3,2 mm 1/8"	47 mm	10N28	10
2	TE0001-40			4,0 mm 5/32"	47 mm	406488	10
2	TE0001-48			4,8 mm 3/16"	47 mm	30126	10

	CODE		Gr	Ø		REF	
3	TD0001-05			0,5 mm .020"	50 mm	10N21	10
3	TD0001-10			1,0 mm .040"	50 mm	10N22	10
3	TD0001-16			1,6 mm 1/16"	50 mm	10N23	10
3	TD0001-20			2,0 mm 5/64"	50 mm	-	10
3	TD0001-24			2,4 mm 3/32"	50 mm	10N24	10
3	TD0001-32			3,2 mm 1/8"	50 mm	10N25	10
3	TD0001-40			4,0 mm 5/32"	50 mm	54N20	10
3	TD0001-48			4,8 mm 3/16"	50 mm	30028	10
4	TQ0002					18CG	10
4	TQ0008 *					-	10
7	BW0056				58 mm	57Y03	10
7	BW0066				117 mm	57Y02	10
7	BW0067				22,5 mm	57Y04	10
7	EA0130						10

* ONLY FOR 18 HC

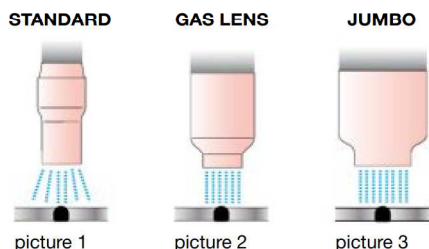
GAS LENS

	CODE		Gr	Ø		REF	
1	TC0031		4	6,4 mm 1/4"	42 mm	54N18	10
1	TC0032		5	8 mm 5/16"	42 mm	54N17	10
1	TC0033		6	9,8 mm 3/8"	42 mm	54N16	10
1	TC0034		7	11,2 mm 7/16"	42 mm	54N15	10
1	TC0035		8	12,7 mm 1/2"	42 mm	54N14	10
1	TC0036		11	19 mm 3/4"	42 mm	53N87	10
1	TC0037			17,2 mm	28,6 mm	54N19	10
1	TC0086		5	8 mm 5/16"	76 mm	54N17L	10
1	TC0087		6	9,5 mm 3/8"	76 mm	54N16L	10
1	TC0088		7	11 mm	76 mm	54N15L	10
2	TE0006-05			0,5 mm .020"	50 mm	45V29	10
2	TE0006-10			1,0 mm .040"	50 mm	45V24	10
2	TE0006-16			1,6 mm 1/16"	50 mm	45V25	10
2	TE0006-20			2,0 mm 5/64"	50 mm	-	10
2	TE0006-24	Cu + CuZn		2,4 mm 3/32"	50 mm	45V26	10
2	TE0006-32			3,2 mm 1/8"	50 mm	45V27	10
2	TE0006-40			4,0 mm 5/32"	50 mm	45V28	10
3	TD0022-10			1,0 mm .040"	52 mm	-	10
3	TD0022-16			1,6 mm 1/16"	52 mm	-	10
3	TD0022-24			2,4 mm 3/32"	52 mm	-	10
3	TD0022-32			3,2 mm 1/8"	52 mm	-	10
3	TD0022-40			4,0 mm 5/32"	52 mm	-	10
4	TQ0003					54N01	10
7	BW0056				58 mm	57Y03	10
7	BW0066				117 mm	57Y02	10
7	BW0067				22,5 mm	57Y04	10
7	EA0130						10

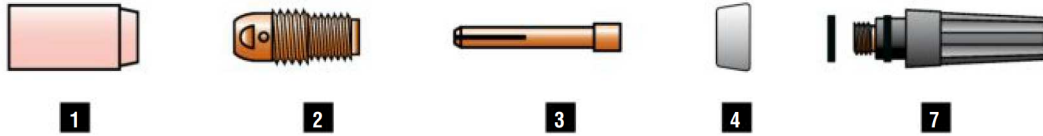
GAS LENS XL (JUMBO)

	CODE		Gr	Ø		REF	
1	TC0118		8	12,7 mm 1/2"	48 mm	57N74	10
1	TC0119		10	15,7 mm 5/8"	48 mm	53N88	10
1	TC0120		12	19,5 mm 3/4"	48 mm	53N87	10
2	TE0009-16			1,6 mm 1/16"	51 mm	45V16	2
2	TE0009-24			2,4 mm 3/32"	51 mm	45V64	2
2	TE0009-32			3,2 mm 1/8"	51 mm	995795	2
2	TE0009-40			4,0 mm 5/32"	51 mm	45V63	2
3	TD0001-05			0,5 mm .020"	50 mm	10N21	10
3	TD0001-10			1,0 mm .040"	50 mm	10N22	10
3	TD0001-16			1,6 mm 1/16"	50 mm	10N23	10
3	TD0001-20			2,0 mm 5/64"	50 mm	-	10
3	TD0001-24			2,4 mm 3/32"	50 mm	10N24	10
3	TD0001-32			3,2 mm 1/8"	50 mm	10N25	10
3	TD0001-40			4,0 mm 5/32"	50 mm	54N20	10
3	TD0001-48			4,8 mm 3/16"	50 mm	30028	10
4	TQ0027					54N63	10
7	BW0056				58 mm	57Y03	10
7	BW0066				117 mm	57Y02	10
7	BW0067				22,5 mm	57Y04	10
7	EA0130						10

Gas protection flow is usually guttered by a STANDARD ceramic nozzle (picture 1). Such flow is affected by turbulences of head torch which are caused by the inlet pressure. In order to assure a uniform gas distribution, above all in stainless steel, titanium and aluminium alloys welding, we suggest the use of GAS LENS spare parts. The electrode holder equipped with a gas lens net, uniform the flow (picture 2) and aid to save the protection gas. Where permitted by external dimensions, it is recommended the JUMBO version which increases the protected surface with advantage for welding quality (picture 3).



SERIES 17 - 18 - 26 - SUPER 18 STUBBY WEAR PARTS



STUBBY

	CODE		Gr	Ø		REF	
1	TC0012		4	6,4 mm 1/4"	30 mm	13N08	10
1	TC0013		5	8 mm 5/16"	30 mm	13N09	10
1	TC0014		6	9,8 mm 3/8"	30 mm	13N10	10
1	TC0015		7	11,2 mm 7/16"	30 mm	13N11	10
1	TC0016		8	12,7 mm 1/2"	30 mm	13N12	10
1	TC0017		10	15,7 mm 5/8"	30 mm	13N13	10
1	TC0096		4	6,5 mm 1/4"	48 mm	796F71	10
1	TC0097		5	8 mm 5/16"	48 mm	796F72	10
1	TC0098		6	9,5 mm 3/8"	48 mm	796F73	10
1	TC0101		4	6,5 mm 1/4"	63 mm	796F75	10
1	TC0102		5	8 mm 5/16"	63 mm	796F76	10
1	TC0103		4	6,5 mm 1/4"	89 mm	796F79	10
2	TE0002-00			1,0 mm .040"	24,5 mm	17CB20	10
3	TD0002-10			1,0 mm .040"	29 mm	10N22S	10
3	TD0002-16			1,6 mm 1/16"	29 mm	10N23S	10
3	TD0002-20			2,0 mm	29 mm		10
3	TD0002-24			2,4 mm 3/32"	29 mm	10N24S	10
3	TD0002-32			3,2 mm 1/8"	29 mm	10N25S	10
4	TQ0002					18CG	10
4	TQ0008 *					-	10
7	BW0056				58 mm	57Y03	10
7	BW0066				117 mm	57Y02	10
7	BW0067				22,5 mm	57Y04	10
7	EA0130						10

* ONLY FOR 18 HC

STUBBY GAS LENS

	CODE		Gr	Ø		REF	
1	TC0041		4	6,4 mm 1/4"	25,5 mm	53N58	10
1	TC0042		5	8 mm 5/16"	25,5 mm	53N59	10
1	TC0043		6	9,8 mm 3/8"	25,5 mm	53N60	10
1	TC0044		7	11,2 mm 7/16"	25,5 mm	53N61	10
1	TC0045		8	12,7 mm 1/2"	25,5 mm	53N61S	10
2	TE0095-16			1,6 mm 1/16"	29 mm	-	10
2	TE0095-20			2,0 mm 5/64"	29 mm	-	10
2	TE0095-24			2,4 mm 3/32"	29 mm	-	10
2	TE0095-32			3,2 mm 1/8"	29 mm	-	10
3	TD0095-16			1,6 mm 1/16"	30,7 mm	-	10
3	TD0095-20			2,0 mm 5/64"	30,7 mm	-	10
3	TD0095-24			2,4 mm 3/32"	30,7 mm	-	10
3	TD0095-32			3,2 mm 1/8"	30,7 mm	-	10
4	TQ0095					18CG20	10
4	TQ0096 *						10
7	BW0056				58 mm	57Y03	10
7	BW0066				117 mm	57Y02	10
7	BW0067				22,5 mm	57Y04	10
7	EA0130						10

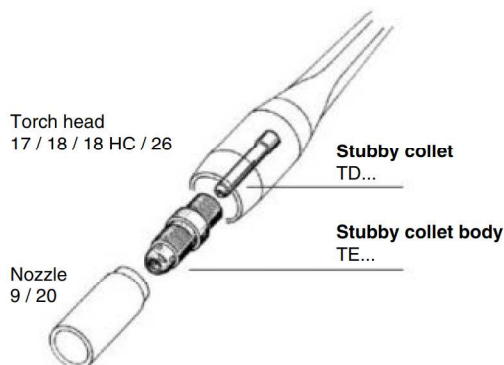
* ONLY FOR 18 HC

STUBBY GAS LENS (Cu)

	CODE		Gr	Ø		REF	
1	TC0041		4	6,4 mm 1/4"	25,5 mm	53N58	10
1	TC0042		5	8 mm 5/16"	25,5 mm	53N59	10
1	TC0043		6	9,8 mm 3/8"	25,5 mm	53N60	10
1	TC0044		7	11,2 mm 7/16"	25,5 mm	53N61	10
1	TC0045		8	12,7 mm 1/2"	25,5 mm	53N61S	10
2	TE0096-16			1,6 mm 1/16"	30,6 mm	-	10
2	TE0096-20			2,0 mm 5/64"	30,6 mm	-	10
2	TE0096-24			2,4 mm 3/32"	30,6 mm	-	10
2	TE0096-32			3,2 mm 1/8"	30,6 mm	-	10
3	TD0096-16			1,6 mm 1/16"	33 mm	-	10
3	TD0096-20			2,0 mm 5/64"	33 mm	-	10
3	TD0096-24			2,4 mm 3/32"	33 mm	-	10
3	TD0096-32			3,2 mm 1/8"	33 mm	-	10
4	TQ0095					18CG20	10
4	TQ0096 *						10
7	BW0056				58 mm	57Y03	10
7	BW0066				117 mm	57Y02	10
7	BW0067				22,5 mm	57Y04	10
7	EA0130						10

* ONLY FOR 18 HC

The Stubby collets allow the use of the small nozzles of the 9/20 series on the 17/18/26 torch bodies.



TIG BLISTERED WEAR PARTS



CODE		DESCRIPTION	SIZE	PCS X	BOX X
BW0056P		tig cap 58 mm	17 - 18 - 26	3	10
BW0064P		back cap 53 mm	9 - 20	3	10
BW0065P		back cap 17,5 mm	9 - 20	3	10
BW0067P		back cap 22,5 mm	17 - 18 - 26	3	10
TC0003P		gr 5	17 - 18 - 26	6	10
TC0004P		gr 6	17 - 18 - 26	6	10
TC0005P		gr 7	17 - 18 - 26	6	10
TC0006P		gr 8	17 - 18 - 26	6	10
TC0007P		gr 10	17 - 18 - 26	6	10
TC0008P		gr 12	17 - 18 - 26	6	10
TC0012P		gr 4	9 - 20	6	10
TC0013P		gr 5	9 - 20	6	10
TC0014P		gr 6	9 - 20	6	10
TC0015P		gr 7	9 - 20	6	10
TC0016P		gr 8	9 - 20	6	10
TC0017P		gr 10	9 - 20	6	10
TD0001P16		Ø 1.6	17 - 18 - 26	4	10
TD0001P20		Ø 2.0	17 - 18 - 26	4	10
TD0001P24		Ø 2.4	17 - 18 - 26	4	10
TD0001P32		Ø 3.2	17 - 18 - 26	4	10
TD0001P40		Ø 4.0	17 - 18 - 26	4	10
TD0003P16		Ø 1.6	9 - 20	4	10
TD0003P20		Ø 2.0	9 - 20	4	10
TD0003P24		Ø 2.4	9 - 20	4	10
TD0003P32		Ø 3.2	9 - 20	4	10

CODE		DESCRIPTION	SIZE	PCS X	BOX X
TE0001P16		Ø 1.6	17 - 18 - 26	3	10
TE0001P20		Ø 2.0	17 - 18 - 26	3	10
TE0001P24		Ø 2.4	17 - 18 - 26	3	10
TE0001P32		Ø 3.2	17 - 18 - 26	3	10
TE0001P40		Ø 4.0	17 - 18 - 26	3	10
TE0003P16		Ø 1.6	9 - 20	3	10
TE0003P20		Ø 2.0	9 - 20	3	10
TE0003P24		Ø 2.4	9 - 20	3	10
TE0003P32		Ø 3.2	9 - 20	3	10
TQ0001P		insulator	9 - 20	3	10
TQ0002P		insulator	17 - 18 - 26	3	10

