




# PRODUCT SPECIFICATION

**Carl  
Kammerling**  
International

<b>Brand</b>	C.K
<b>Product Range</b>	Top cutters & Pincers
<b>Catalogue number</b>	3987, 3988 & 4108
<b>Date</b>	30/03/2010

<p><b>Range Description</b> Top cutters &amp; Pincers</p> <hr/> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Drop forged carbon steel with induction hardened cutting edges – for durability</li> <li>• Black lacquered with red comfort PVC coated handles</li> <li>• Display packed</li> </ul>	 <p>3987</p>  <p>3988</p>  <p>4108</p>  <p>4112A</p>
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Item Number	Item Description	EAN No	Commodity code	Carton Qty
T3987A 7	Heavy duty top cutters 180mm	5013969999402	82032090	3
T3988 180	Top cutters 180mm	5013969974225	82032090	3
T3988 200	Top cutters 200mm	5013969978964	82032090	3
T4108A 06	Pincers 160mm	5013969997705	82032090	3
T4108A 07	Pincers 180mm	5013969997804	82032090	3
T4108A 08	Pincers 200mm	5013969998108	82032090	3
T4112A 08	Steel Fixers Nippers 200mm	5013969998108	82032090	1
T4112A 10	Steel Fixers Nippers 200mm	5013969998207	82032090	3
T4112A 11	Steel Fixers Nippers 200mm	5013969998306	82032090	3

Technical product information	<b>Cutting capacities</b>																																																							
	<table border="1"> <thead> <tr> <th rowspan="2">Item No</th> <th rowspan="2">Description</th> <th colspan="3">Cutting capacity mm diameter wire</th> </tr> <tr> <th>Hard 2200MPa</th> <th>Med/Hard 1600MPa</th> <th>Soft 220MPa</th> </tr> </thead> <tbody> <tr> <td>T3987A 7</td> <td>Heavy duty top cutters 180mm</td> <td>2.5</td> <td>3.0</td> <td>4.0</td> </tr> <tr> <td>T3988A 8</td> <td>Heavy duty top cutters 200mm</td> <td>2.5</td> <td>3.2</td> <td>4.0</td> </tr> <tr> <td>T3988 200</td> <td>Top cutters 200mm</td> <td>2.8</td> <td>3.5</td> <td>4.0</td> </tr> <tr> <td>T4108A 06</td> <td>Pincers 160mm</td> <td>-</td> <td>2.0</td> <td>4.0</td> </tr> <tr> <td>T4108A 07</td> <td>Pincers 180mm</td> <td>-</td> <td>2.0</td> <td>4.0</td> </tr> <tr> <td>T4108A 08</td> <td>Pincers 200mm</td> <td>-</td> <td>2.0</td> <td>4.0</td> </tr> <tr> <td>T4112A 08</td> <td>Steel Fixers Nippers 200mm</td> <td>-</td> <td>2.0</td> <td>-</td> </tr> <tr> <td>T4112A 10</td> <td>Steel Fixers Nippers 250mm</td> <td>-</td> <td>2.0</td> <td>-</td> </tr> <tr> <td>T4112A 11</td> <td>Steel Fixers Nippers 280mm</td> <td>-</td> <td>2.0</td> <td>-</td> </tr> </tbody> </table>				Item No	Description	Cutting capacity mm diameter wire			Hard 2200MPa	Med/Hard 1600MPa	Soft 220MPa	T3987A 7	Heavy duty top cutters 180mm	2.5	3.0	4.0	T3988A 8	Heavy duty top cutters 200mm	2.5	3.2	4.0	T3988 200	Top cutters 200mm	2.8	3.5	4.0	T4108A 06	Pincers 160mm	-	2.0	4.0	T4108A 07	Pincers 180mm	-	2.0	4.0	T4108A 08	Pincers 200mm	-	2.0	4.0	T4112A 08	Steel Fixers Nippers 200mm	-	2.0	-	T4112A 10	Steel Fixers Nippers 250mm	-	2.0	-	T4112A 11	Steel Fixers Nippers 280mm	-	2.0
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Standards compliance	<b>Dimensional and performance</b> 3987 & 3988 - DIN ISO 5748 4108 - DIN ISO 9243																																																							
User health and safety information	None applicable																																																							
RoHS/WEEE compliance	This product range does not fall within the scope of RoHS or WEEE regulations																																																							
Material safety data	None applicable																																																							
Warranty	C.K tools are guaranteed for life against imperfect materials or workmanship These tools have cutting edges that will wear with use, such wear is not covered under the terms of the warranty																																																							
Country of origin	Germany																																																							

## Dimensional details

Item	Product only				Product on primary packaging			
	Width mm	Depth mm	Height mm	Net weight g	Width mm	Depth mm	Height mm	Gross weight g
T3987A 7	52	29	190	322	60	30	275	337
T3988 180	50	27	180	285	60	30	235	300
T3988 200	50	32	200	344	60	34	270	359
T4108A 06	45	22	160	243	60	25	240	258
T4108A 07	50	23	180	307	60	26	265	322

T4108A 08	54	25	210	415	60	28	285	430
T4112A 08	50	22	230	327	60	28	310	342
T4112A 10	50	25	250	425	60	28	330	440
T4112A 11	50	25	280	459	60	28	360	474

Item	Shelf box (secondary packaging)				Euro Pallet data Wi x Hi	
	Width mm	Depth mm	Height mm	Gross weight g	No of cartons on base	Number of rows high
T3987A 7	90	290	60	1083		
T3988 180	175	265	55	990		
T3988 200	170	270	53	1165		
T4108A 06	205	280	33	854		
T4108A 07	100	300	65	1035		
T4108A 08	100	300	65	1370		
T4112A 08	-	-	-	-		
T4112A 10	140	390	40	1400		
T4112A 11	140	390	40	1500		

### Packaging waste details

Item	Primary Packaging				Secondary packaging			
	Plastic g	Use	Card g	Use	Plastic g	Use	Card g	Use
T3987A 7	15	Hanger					72	Box
T3988 180	15	Hanger					90	Box
T3988 200	15	Hanger					88	Box
T4108A 06	15	Hanger					80	Box
T4108A 07	15	Hanger					69	Box
T4108A 08	15	Hanger					80	Box
T4112A 08	15	Hanger					-	-
T4112A 10	15	Hanger					84	Box
T4112A 11	15	Hanger					84	Box