



# rtc<sup>®</sup>

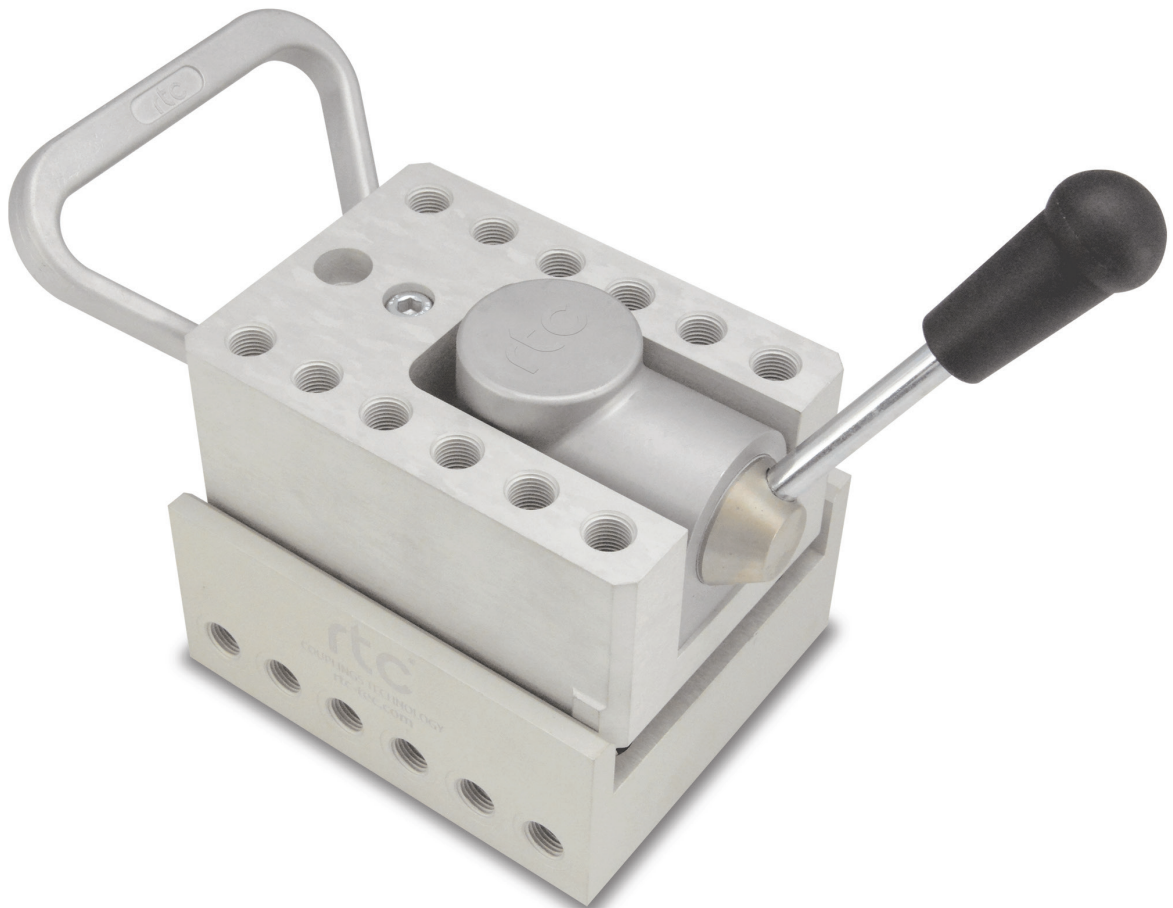
QUICK CONNECT TECHNOLOGY  
[www.rtc-tec.com](http://www.rtc-tec.com)

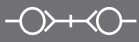


## M115

rtc TYPE

rtc Multicoupling systems  
rtc Multikupplungssysteme type M115



**rtc Multicoupling systems / rtc Multikupplungssysteme type M115**


Type	Max. Working Pressure Max. Betriebsdruck	Flow size Nennweite	Circuits Anschlüsse
rtc M115.03	100 bar	03	8 / 6
rtc M115.05	100 bar	05	8 / 6

**Temperature Range - Temperaturbereich**  
 For oil / bei Öl                      -10°C +150°C - FPM (V)


**Specification**

Connecting and disconnecting the circuits  
 in one operation for quick mold change  
 2 different sizes (Ø3, Ø5)  
 Compact design  
 Non spill

**Eigenschaften**

Verbinden und Trennen von mehreren Kreisläufen in einem  
 Arbeitsgang für das schnelle Rüsten  
 Erhältlich in 2 Nennweiten  
 Kompakte BauGröße  
 Flat Face

**Applications**



Aluminium die casting  
 Test units  
 Plastics industry / caskades

**Anwendungen**

Aluminiumdruckguß  
 Prüfstände  
 Kunststoffindustrie / Kaskaden

**rtc** TYPE M 115.03

Flow diameter 3 mm / Nennweite 3 mm

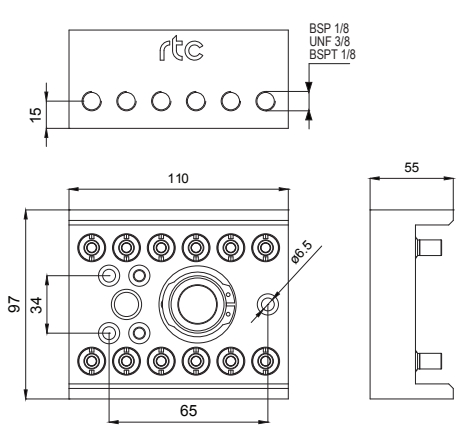










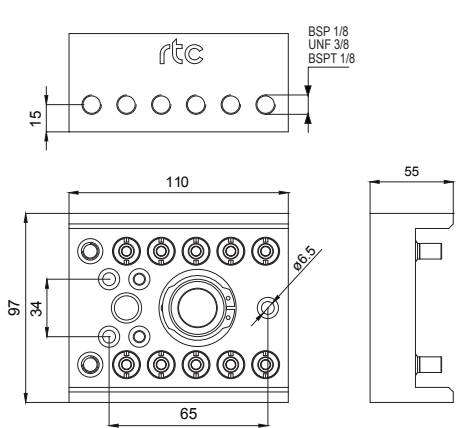










TYPE M 115.03	Mobile side / Versorgerseite	Item code / Artikelnummer		
<p>8 ↔ 8</p>		<p>Female thread Innengewinde</p>	<p>            BSP 1/8            UNF 3/8-24            BSPT 1/8         </p>	<p>           M 115.03-16 SAB 10            M 115.03-16 SAB 09 U            M 115.03-16 SAB 10 Q         </p>
<p>6 ↔ 6</p>		<p>Female thread Innengewinde</p>	<p>            BSP 1/8            UNF 3/8-24            BSPT 1/8         </p>	<p>           M 115.03-12 SAB 10            M 115.03-12 SAB 09 U            M 115.03-12 SAB 10 Q         </p>



Flow diameter 3 mm / Nennweite 3 mm

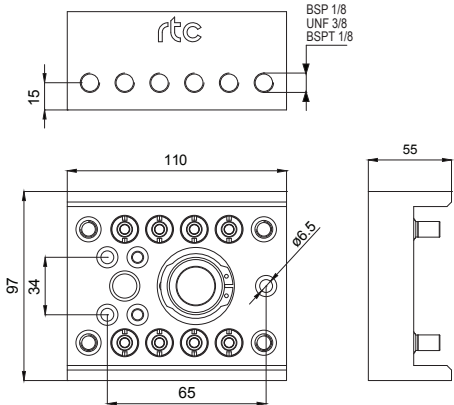

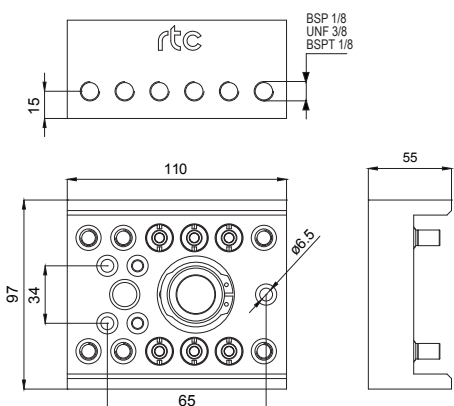

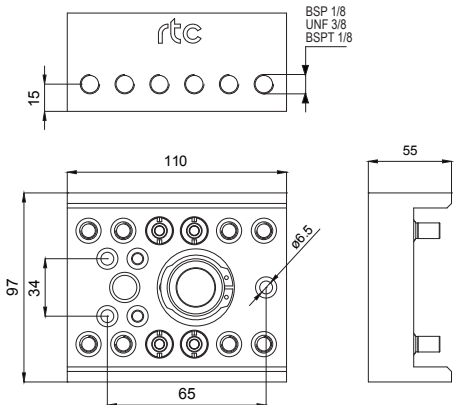

TYPE M 115.03 **rtc**

TYPE K 115.03	Mould side / Abnehmerseite		Item code / Artikelnummer						
<p>8 ↔ 8</p>		<p>Mould plate with 16 plugs Platte mit 16 Anschlüsse</p>	<table border="1"> <tr> <td>BSP 1/8</td> <td>K 115.03-16 PMB 10</td> </tr> <tr> <td>UNF 3/8-24</td> <td>K 115.03-16 PMB 09 U</td> </tr> <tr> <td>BSPT 1/8</td> <td>K 115.03-16 PMB 10 Q</td> </tr> </table>	BSP 1/8	K 115.03-16 PMB 10	UNF 3/8-24	K 115.03-16 PMB 09 U	BSPT 1/8	K 115.03-16 PMB 10 Q
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UNF 3/8-24	K 115.03-16 PMB 09 U								
BSPT 1/8	K 115.03-16 PMB 10 Q								
<p>7 ↔ 7</p>		<p>Mould plate with 14 plugs Platte mit 14 Anschlüsse</p>	<table border="1"> <tr> <td>BSP 1/8</td> <td>K 115.03-14 PMB 10</td> </tr> <tr> <td>UNF 3/8-24</td> <td>K 115.03-14 PMB 09 U</td> </tr> <tr> <td>BSPT 1/8</td> <td>K 115.03-14 PMB 10 Q</td> </tr> </table>	BSP 1/8	K 115.03-14 PMB 10	UNF 3/8-24	K 115.03-14 PMB 09 U	BSPT 1/8	K 115.03-14 PMB 10 Q
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BSPT 1/8	K 115.03-14 PMB 10 Q								

TYPE K 115.03	Mould side / Abnehmerseite		Item code / Artikelnummer									
<p>6 ↔ 6</p>		<p>Mould plate with 12 plugs Platte mit 12 Anschlüsse</p> <table border="1" data-bbox="1069 331 1268 414"> <tr> <td></td> <td>BSP 1/8</td> </tr> <tr> <td></td> <td>UNF 3/8-24</td> </tr> <tr> <td></td> <td>BSPT 1/8</td> </tr> </table>		BSP 1/8		UNF 3/8-24		BSPT 1/8	<table border="1" data-bbox="1284 331 1540 414"> <tr> <td>K 115.03-12 PMB 10</td> </tr> <tr> <td>K 115.03-12 PMB 09 U</td> </tr> <tr> <td>K 115.03-12 PMB 10 Q</td> </tr> </table> 	K 115.03-12 PMB 10	K 115.03-12 PMB 09 U	K 115.03-12 PMB 10 Q
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K 115.03-12 PMB 10												
K 115.03-12 PMB 09 U												
K 115.03-12 PMB 10 Q												
<p>5 ↔ 5</p>		<p>Mould plate with 10 plugs Platte mit 10 Anschlüsse</p> <table border="1" data-bbox="1069 1232 1268 1310"> <tr> <td></td> <td>BSP 1/8</td> </tr> <tr> <td></td> <td>UNF 3/8-24</td> </tr> <tr> <td></td> <td>BSPT 1/8</td> </tr> </table>		BSP 1/8		UNF 3/8-24		BSPT 1/8	<table border="1" data-bbox="1284 1232 1540 1310"> <tr> <td>K 115.03-10 PMB 10</td> </tr> <tr> <td>K 115.03-10 PMB 09 U</td> </tr> <tr> <td>K 115.03-10 PMB 10 Q</td> </tr> </table> 	K 115.03-10 PMB 10	K 115.03-10 PMB 09 U	K 115.03-10 PMB 10 Q
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K 115.03-10 PMB 10												
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K 115.03-10 PMB 10 Q												

Flow diameter 3 mm / Nennweite 3 mm

TYPE M 115.03 **rtc**

TYPE K 115.03	Mould side / Abnehmerseite		Item code / Artikelnummer
<p>4 ↔ 4</p>	 <p>BSP 1/8 UNF 3/8 BSPT 1/8</p>	<p>Mould plate with 8 plugs Platte mit 8 Anschlüsse</p>	<p>                        BSP 1/8                      UNF 3/8-24                      BSPT 1/8                 </p> <p>                     K 115.03-08 PMB 10                      K 115.03-08 PMB 09 U                      K 115.03-08 PMB 10 Q                 </p>
<p>3 ↔ 3</p>	 <p>BSP 1/8 UNF 3/8 BSPT 1/8</p>	<p>Mould plate with 6 plugs Platte mit 6 Anschlüsse</p>	<p>                        BSP 1/8                      UNF 3/8-24                      BSPT 1/8                 </p> <p>                     K 115.03-06 PMB 10                      K 115.03-06 PMB 09 U                      K 115.03-06 PMB 10 Q                 </p>
<p>2 ↔ 2</p>	 <p>BSP 1/8 UNF 3/8 BSPT 1/8</p>	<p>Mould plate with 4 plugs Platte mit 4 Anschlüsse</p>	<p>                        BSP 1/8                      UNF 3/8-24                      BSPT 1/8                 </p> <p>                     K 115.03-04 PMB 10                      K 115.03-04 PMB 09 U                      K 115.03-04 PMB 10 Q                 </p>



**rtc** TYPE M 115.05

Flow diameter 5 mm / Nennweite 5 mm

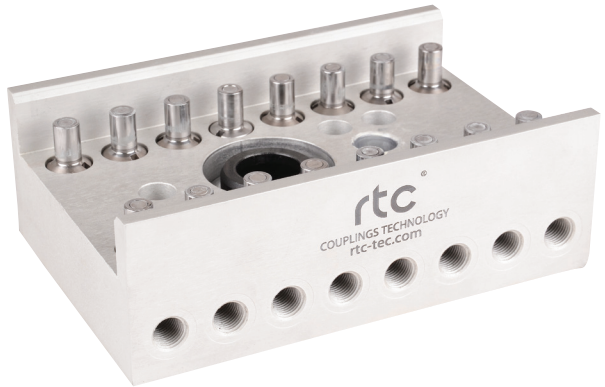
TYPE M 115.05	Mobile side / Versorgerseite	Item code / Artikelnummer		
<p>8 ↔ 8</p>		<p>Female thread Innengewinde</p>	<p>BSP 1/4 UNF 9/16-18 BSPT 1/4</p>	<p>M 115.05-16 SAB 13 M 115.05-16 SAB 14 U M 115.05-16 SAB 13 Q</p>
<p>8 ↔ 8</p>		<p>Female thread Innengewinde</p>	<p>BSP 1/4 UNF 9/16-18 BSPT 1/4</p>	<p>M 115.05-16-01 SAB 13 M 115.05-16-01 SAB 14 U M 115.05-16-01 SAB 13 Q</p>
<p>6 ↔ 6</p>		<p>Female thread Innengewinde</p>	<p>BSP 1/4" UNF 9/16-18 BSPT 1/4"</p>	<p>M 115.05-12 SAB 13 M 115.05-12 SAB 14 U M 115.05-12 SAB 13 Q</p>



Flow diameter 5 mm / Nennweite 5 mm

TYPE M 115.05 **rtc**

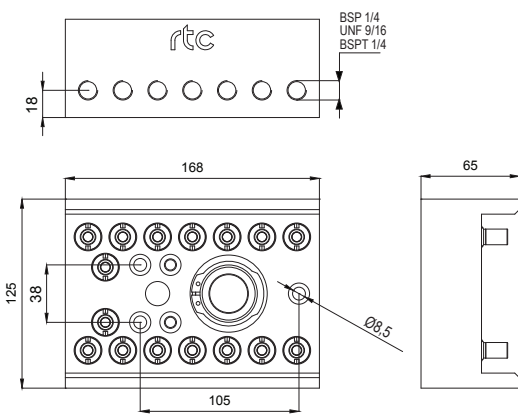

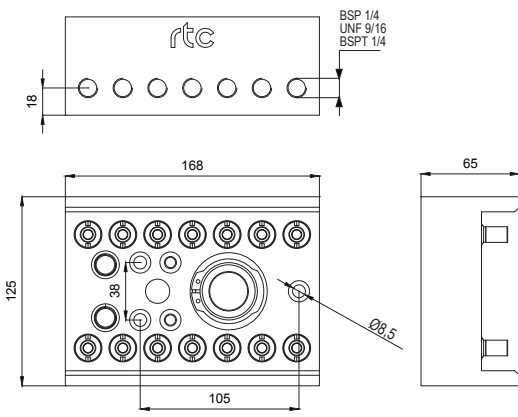

TYPE K 115.05	Mould side / Abnehmerseite		Item code / Artikelnummer	
<p style="text-align: center;"><b>8</b> ↔ <b>8</b></p>		<p>Mould plate with 16 plugs Platte mit 16 Anschlüsse</p>	<p>BSP 1/8 UNF 9/16-18 BSPT 1/4</p>	<p>K 115.05-16 PMB 13 K 115.05-16 PMB 14 U K 115.05-16 PMB 13 Q</p>
<p style="text-align: center;"><b>7</b> ↔ <b>7</b></p>		<p>Mould plate with 14 plugs Platte mit 14 Anschlüsse</p>	<p>BSP 1/4 UNF 9/16-18 BSPT 1/4</p>	<p>K 115.05-14 PMB 13 K 115.05-14 PMB 14 U K 115.05-14 PMB 13 Q</p>





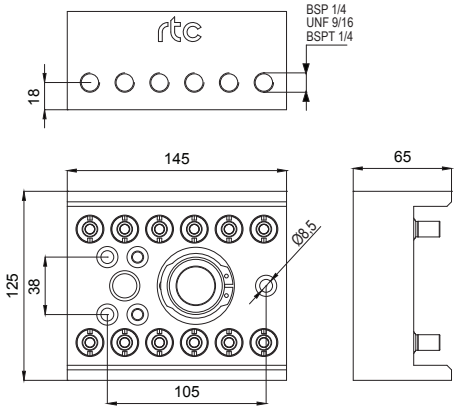

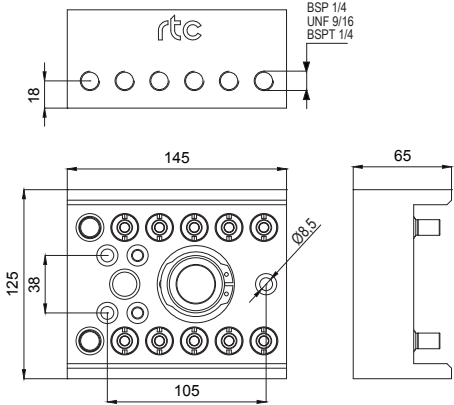

rtc TYPE M 115.05

Flow diameter 5 mm / Nennweite 5 mm

TYPE K 115.05	Mould side / Abnehmerseite		Item code / Artikelnummer						
<p>8 ↔ 8</p> 	<p>Mould plate with 16 plugs Platte mit 16 Anschlüsse</p>	<table border="1"> <tr> <td>BSP 1/4</td> <td>K 115.05-16-01 PMB 13</td> </tr> <tr> <td>UNF 9/16-18</td> <td>K 115.05-16-01 PMB 14 U</td> </tr> <tr> <td>BSPT 1/4</td> <td>K 115.05-16-01 PMB 13 Q</td> </tr> </table> 	BSP 1/4	K 115.05-16-01 PMB 13	UNF 9/16-18	K 115.05-16-01 PMB 14 U	BSPT 1/4	K 115.05-16-01 PMB 13 Q	
BSP 1/4	K 115.05-16-01 PMB 13								
UNF 9/16-18	K 115.05-16-01 PMB 14 U								
BSPT 1/4	K 115.05-16-01 PMB 13 Q								
<p>7 ↔ 7</p> 	<p>Mould plate with 14 plugs Platte mit 14 Anschlüsse</p>	<table border="1"> <tr> <td>BSP 1/4</td> <td>K 115.05-14-01 PMB 13</td> </tr> <tr> <td>UNF 9/16-18</td> <td>K 115.05-14-01 PMB 14 U</td> </tr> <tr> <td>BSPT 1/4</td> <td>K 115.05-14-01 PMB 13 Q</td> </tr> </table> 	BSP 1/4	K 115.05-14-01 PMB 13	UNF 9/16-18	K 115.05-14-01 PMB 14 U	BSPT 1/4	K 115.05-14-01 PMB 13 Q	
BSP 1/4	K 115.05-14-01 PMB 13								
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BSPT 1/4	K 115.05-14-01 PMB 13 Q								

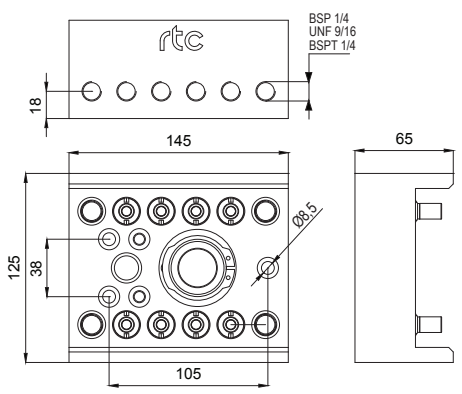


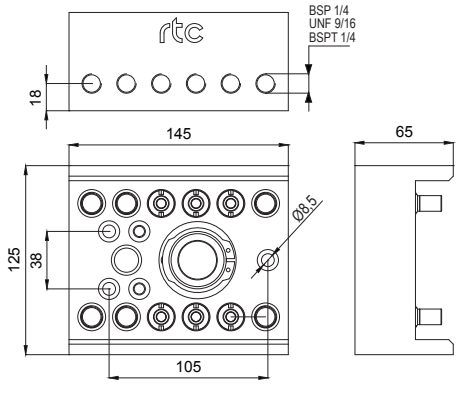


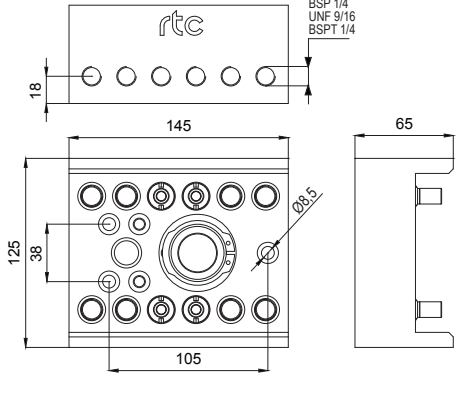


Flow diameter 5 mm / Nennweite 5 mm

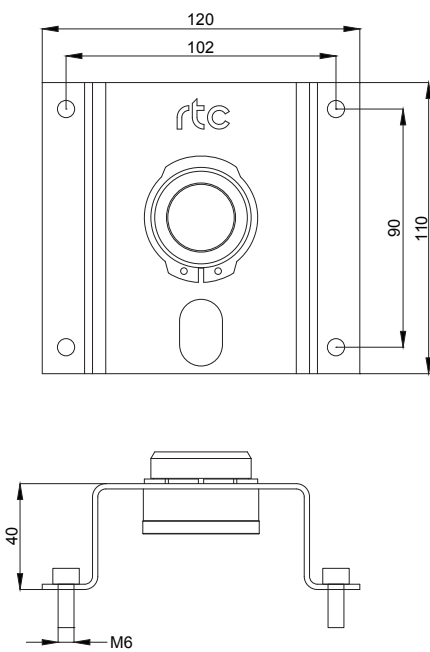

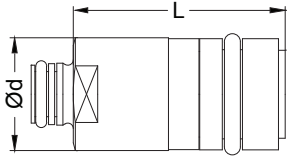

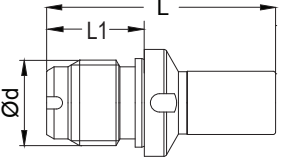
TYPE M 115.05 **rtc**

TYPE K 115.05	Mould side / Abnehmerseite		Item code / Artikelnummer						
<p>6 ↔ 6</p>		<p>Mould plate with 12 plugs Platte mit 12 Anschlüsse</p>	<table border="1"> <tr> <td>BSP 1/4</td> <td>K 115.05-12 PMB 13</td> </tr> <tr> <td>UNF 9/16-18</td> <td>K 115.05-12 PMB 14 U</td> </tr> <tr> <td>BSPT 1/4</td> <td>K 115.05-12 PMB 13 Q</td> </tr> </table> 	BSP 1/4	K 115.05-12 PMB 13	UNF 9/16-18	K 115.05-12 PMB 14 U	BSPT 1/4	K 115.05-12 PMB 13 Q
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UNF 9/16-18	K 115.05-12 PMB 14 U								
BSPT 1/4	K 115.05-12 PMB 13 Q								
<p>5 ↔ 5</p>		<p>Mould plate with 10 plugs Platte mit 10 Anschlüsse</p>	<table border="1"> <tr> <td>BSP 1/4</td> <td>K 115.05-10 PMB 13</td> </tr> <tr> <td>UNF 9/16-18</td> <td>K 115.05-10 PMB 14 U</td> </tr> <tr> <td>BSPT 1/4</td> <td>K 115.05-10 PMB 13 Q</td> </tr> </table> 	BSP 1/4	K 115.05-10 PMB 13	UNF 9/16-18	K 115.05-10 PMB 14 U	BSPT 1/4	K 115.05-10 PMB 13 Q
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UNF 9/16-18	K 115.05-10 PMB 14 U								
BSPT 1/4	K 115.05-10 PMB 13 Q								

**rtc** TYPE M 115.05

Flow diameter 5 mm / Nennweite 5 mm

TYPE K 115.05	Mould side / Abnehmerseite	Item code / Artikelnummer	
<p>4 ↔ 4</p> 	<p>Mould plate with 8 plugs Platte mit 8 Anschlüsse</p> 	 <p>BSP 1/4 UNF 9/16-18 BSPT 1/4</p>	<p>K 115.05-08 PMB 13 K 115.05-08 PMB 14 U K 115.05-08 PMB 13 Q</p>
<p>3 ↔ 3</p> 	<p>Mould plate with 6 plugs Platte mit 6 Anschlüsse</p> 	 <p>BSP 1/4 UNF 9/16-18 BSPT 1/4</p>	<p>K 115.05-06 PMB 13 K 115.05-06 PMB 14 U K 115.05-06 PMB 13 Q</p>
<p>2 ↔ 2</p> 	<p>Mould plate with 4 plugs Platte mit 4 Anschlüsse</p> 	 <p>BSP 1/4 UNF 9/16-18 BSPT 1/4</p>	<p>K 115.05-04 PMB 13 K 115.05-04 PMB 14 U K 115.05-04 PMB 13 Q</p>

TYPE M 115	Parking plate / Parkplatte					Item code / Artikelnummer	
		For mobile side Für Versorgerseiten	12 / 16			M 115.05 PP	
TYPE M 115	Sockets / Kupplungen		Size Größe	L	D	Item code / Artikelnummer	
		Assembling socket Kupplung für den Einbau	Ø3 mm Ø5 mm	26.6 34.7	12.5 18.5	M 115.03 SAB 00 M 115.05 SAB 00	
TYPE M 115	Plugs / Nippel		Size Größe	L	L1	D	Item code / Artikelnummer
		Male thread Aussengewinde	Ø3 mm Ø5 mm	27.8 37.5	10 16	M8x1 M14x1.5	M 115.03 PMB 0810 M 115.05 PMB 1415