



rtc[®]

COUPLING TECHNOLOGY
www.rtc-tec.com



454

rtc TYPE





Temperature Range

Nitrile (N)	-20°C + 110°C (-4°F + 230°F)
FPM (V)	-20°C + 180°C (-4°F + 356°F)
EPDM (Ethylene Propylene)	-40°C + 150°C (-40°F + 302°F)

Working Pressure

25 Bar (360 PSI)

Connction/Disconnection Pressure

15 Bar (220 PSI)

Flow size

rtc type 454.11 5.5mm (1/4")

Standard version

Seals - Dichtung : Nitrile (N)

Material of steel version

Socket Body - Kupplungsgrundkörper	Steel zinc-nickel plated
Back Part - Hinterteil	Stahl Zink-Nickel beschichtet
Sleeve - Hülse	Steel zinc-nickel plated and orange painted
Hülse	Stahl Zink-Nickel beschichtet und orange Lackiert
Springs - Federn	Stainless steel - Edelstahl
Seals - Dichtungen	Nitrile (N)

Plug - Nippel

Steel zinc-nickel plated
Stahl Zink-Nickel beschichtet

Material of stainless steel version

Socket Body - Kupplungsgrundkörper	Stainless steel
Back Part - Hinterteil	Edelstahl
Sleeve - Hülse	Stainless steel - Edelstahl
Springs - Federn	Stainless steel - Edelstahl
Seals - Dichtungen	FPM (V)

Plug - Nippel

Stainless steel - Edelstahl

Advantages

- The system perfectly fits to the **ISO 4414, EN 983** safety requirements.
- 2 stage disconnection safety feature
- Suitable for Heavy Duty Applications
- Un-interchangeable serie

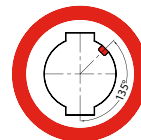
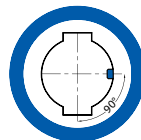
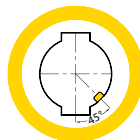
Working Principle

- Connection

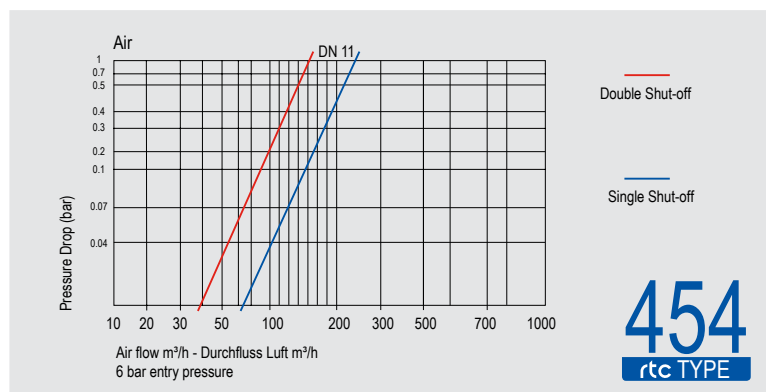
Push the plug in the right position into the coupling and turn until it is heard to "engage" by a click by one-hand

- Disconnection

The plug can only be released by pulling the sleeve backwards while the plug is turned 90° inside the coupling around its own axis.



Flow Rate vs Pressure Drop Graph

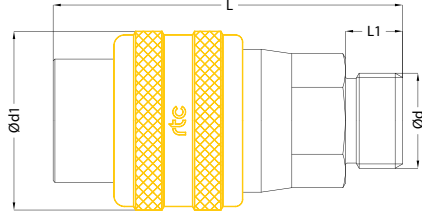


rtc TYPE 454.11

Male thread socket with 45° code / Kupplung mit Aussengewinde 45° Kodiert



Socket / Kupplung



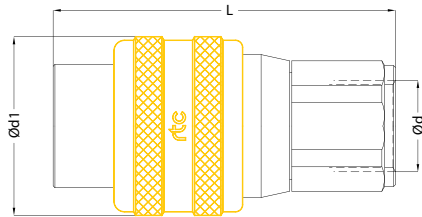
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
11	-	454.11 SMB 17-K45	BSP 3/8	50	96	12	32
11	-	454.11 SMB 21-K45	BSP 1/2	50	100	13	32
11	-	454.11 SMB 26-K45	BSP 3/4	50	101	16	32
11	-	454.11 SMB 33-K45	BSP 1	50	106	18	34
11	-	454.11 STB 17-K45	NPT 3/8	50	96	12	32
11	-	454.11 STB 21-K45	NPT 1/2	50	101	16	32
11	R303 00 680	454.11 SMB 17-K45-S6	BSP 3/8	50	96	12	32
11	R303 00 681	454.11 SMB 21-K45-S6	BSP 1/2	50	100	13	32
11	R303 00 682	454.11 SMB 26-K45-S6	BSP 3/4	50	101	16	32
11	R303 00 683	454.11 SMB 33-K45-S6	BSP 1	50	106	18	34
11	R303 00 684	454.11 STB 17-K45-S6	NPT 3/8	50	96	12	32
11	R303 00 685	454.11 STB 21-K45-S6	NPT 1/2	50	101	16	32

rtc TYPE 454.11

Female thread socket with 45° code / Kupplung mit Innengewinde 45° Kodiert



Socket / Kupplung



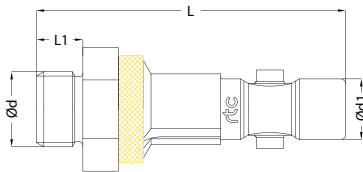
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	HEX.
11	-	454.11 SFB 17-K45	BSP 3/8	50	90	32
11	R203 00 009	454.11 SFB 21-K45	BSP 1/2	50	92	32
11	R203 00 268	454.11 SFB 26-K45	BSP 3/4	50	98	34
11	-	454.11 SNB 21-K45	NPT 1/2	50	92	32
11	-	454.11 SNB 26-K45	NPT 3/4	50	98	34
11	R303 00 665	454.11 SFB 17-K45-S6	BSP 3/8	50	90	32
11	R303 00 666	454.11 SFB 21-K45-S6	BSP 1/2	50	92	32
11	R303 00 667	454.11 SFB 26-K45-S6	BSP 3/4	50	98	34
11	R303 00 668	454.11 SNB 21-K45-S6	NPT 1/2	50	92	32
11	R303 00 669	454.11 SNB 26-K45-S6	NPT 3/4	50	98	34

rtc TYPE 454.11

Male thread plug with 45° code without valve / Nippel mit Aussengewinde 45° Kodiert ohne Ventil



Plug / Nippel



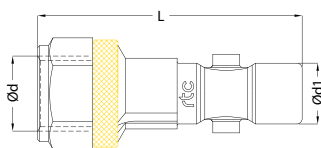
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
11	-	454.11 PMF 21-K45	BSP 1/2	17	88	12	27
11	-	454.11 PMF 26-K45	BSP 3/4	17	92	16	30
11	-	454.11 PTF 21-K45	NPT 1/2	17	93	17	27
11	-	454.11 PMF 21-K45-S6	BSP 1/2	17	88	12	27
11	-	454.11 PMF 26-K45-S6	BSP 3/4	17	92	16	30
11	-	454.11 PTF 21-K45-S6	NPT 1/2	17	93	17	27

rtc TYPE 454.11

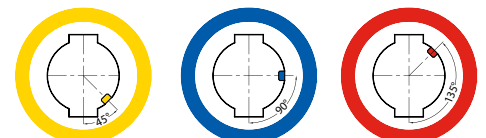
Female thread plug with 45° code without valve / Nippel mit Innengewinde 45° Kodiert ohne Ventil



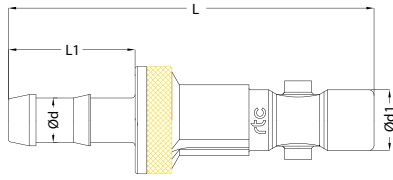
Plug / Nippel



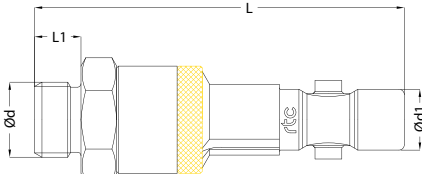
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	HEX.
11	R255 00 160	454.11 PFF 21-K45	BSP 1/2	17	79	27
11	-	454.11 PNF 21-K45	NPT 1/2	17	79	27
11	R355 00 347	454.11 PFF 21-K45-S6	BSP 1/2	17	79	27
11	R355 00 357	454.11 PNF 21-K45-S6	NPT 1/2	17	79	27



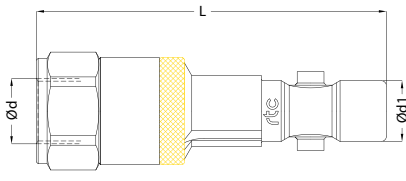
45° coded Standart hose tail plug / Nippel mit 45° Kodiert - Schlauchanschluss TYPE 454.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1
	11	R255 00 166	454.11 PHF 13-K45	Ø13 - 1/2	17	104	37
	11	R255 00 169	454.11 PHF 16-K45	Ø16 - 5/8	17	104	37
	11	R255 00 172	454.11 PHF 19-K45	Ø19 - 3/4	17	104	37
	11	R355 00 349	454.11 PHF 13-K45-S6	Ø13 - 1/2	17	104	37
	11	-	454.11 PHF 16-K45-S6	Ø16 - 5/8	17	104	37
	11	R355 00 350	454.11 PHF 19-K45-S6	Ø19 - 3/4	17	104	37

Male thread plug with 45° code with valve / Nippel mit Aussengewinde 45° Kodiert mit Ventil TYPE 454.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	-	454.11 PMB 21-K45	BSP 1/2	17	104	13	30
	11	-	454.11 PMB 26-K45	BSP 3/4	17	109	18	30
	11	-	454.11 PTB 21-K45	NPT 1/2	17	107	16	30
	11	R353 00 336	454.11 PMB 21-K45-S6	BSP 1/2	17	104	13	30
	11	R353 00 338	454.11 PMB 26-K45-S6	BSP 3/4	17	109	18	30
	11	R353 00 337	454.11 PTB 21-K45-S6	NPT 1/2	17	107	16	30

Female thread plug with 45° code with valve / Nippel mit Innengewinde 45° Kodiert mit Ventil TYPE 454.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	11	R253 00 267	454.11 PFB 21-K45	BSP 1/2	17	107	30
	11	-	454.11 PFB 26-K45	BSP 3/4	17	112	34
	11	-	454.11 PNB 21-K45	NPT 1/2	17	107	30
	11	-	454.11 PNB 26-K45	NPT 3/4	17	112	34
	11	R353 00 334	454.11 PFB 21-K45-S6	BSP 1/2	17	107	30
	11	R353 00 335	454.11 PFB 26-K45-S6	BSP 3/4	17	112	34
	11	-	454.11 PNB 21-K45-S6	NPT 1/2	17	107	30
	11	-	454.11 PNB 26-K45-S6	NPT 3/4	17	112	34

45° coded Standart hose tail plug with valve / Nippel mit 45° Kodiert - Schlauchanschluss mit Ventil TYPE 454.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	L	L	L1
	11	R253 00 030	454.11 PHB 13-K45	Ø13 - 1/2	17	122	37
	11	-	454.11 PHB 16-K45	Ø16 - 5/8	17	122	37
	11	R253 00 054	454.11 PHB 19-K45	Ø19 - 3/4	17	122	37
	11	R353 00 339	454.11 PHB 13-K45-S6	Ø13 - 1/2	17	122	37
	11	-	454.11 PHB 16-K45-S6	Ø16 - 5/8	17	122	37
	11	R353 00 340	454.11 PHB 19-K45-S6	Ø19 - 3/4	17	122	37

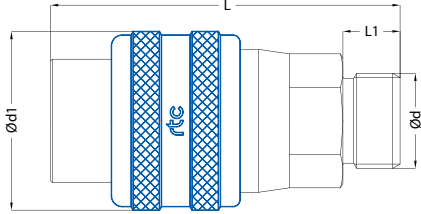
rtc TYPE 454.11

Male thread socket with 90° code / Kupplung mit Aussengewinde 90° Kодиert



Socket / Kupplung

Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
11	-	454.11 SMB 17-K90	BSP 3/8	50	96	12	32
11	-	454.11 SMB 21-K90	BSP 1/2	50	100	13	32
11	-	454.11 SMB 26-K90	BSP 3/4	50	101	16	32
11	-	454.11 SMB 33-K90	BSP 1	50	106	18	34
11	-	454.11 STB 17-K90	NPT 3/8	50	96	12	32
11	-	454.11 STB 21-K90	NPT 1/2	50	101	16	32
11	R303 00 686	454.11 SMB 17-K90-S6	BSP 3/8	50	96	12	32
11	R303 00 687	454.11 SMB 21-K90-S6	BSP 1/2	50	100	13	32
11	R303 00 688	454.11 SMB 26-K90-S6	BSP 3/4	50	101	16	32
11	R303 00 689	454.11 SMB 33-K90-S6	BSP 1	50	106	18	34
11	R303 00 690	454.11 STB 17-K90-S6	NPT 3/8	50	96	12	32
11	R303 00 691	454.11 STB 21-K90-S6	NPT 1/2	50	101	16	32



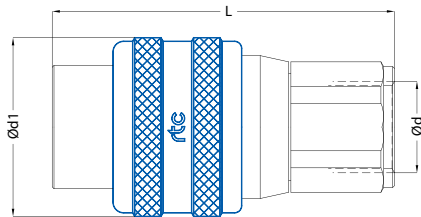
rtc TYPE 454.11

Female thread socket with 90° code / Kupplung mit Innengewinde 90° Kодиert



Socket / Kupplung

Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	HEX.
11	-	454.11 SFB 17-K90	BSP 3/8	50	90	32
11	R203 00 169	454.11 SFB 21-K90	BSP 1/2	50	92	32
11	R203 00 269	454.11 SFB 26-K90	BSP 3/4	50	98	34
11	-	454.11 SNB 21-K90	NPT 1/2	50	92	32
11	-	454.11 SNB 26-K90	NPT 3/4	50	98	34
11	R303 00 670	454.11 SFB 17-K90-S6	BSP 3/8	50	90	32
11	R303 00 671	454.11 SFB 21-K90-S6	BSP 1/2	50	92	32
11	R303 00 672	454.11 SFB 26-K90-S6	BSP 3/4	50	98	34
11	R303 00 673	454.11 SNB 21-K90-S6	NPT 1/2	50	92	32
11	R303 00 674	454.11 SNB 26-K90-S6	NPT 3/4	50	98	34



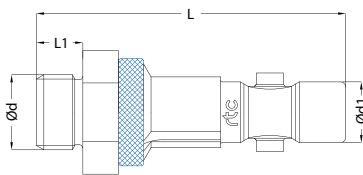
rtc TYPE 454.11

Male thread plug with 90° code without valve / Nippel mit Aussengewinde 90° Kодиert ohne Ventil



Plug / Nippel

Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
11	-	454.11 PMF 21-K90	BSP 1/2	17	88	12	27
11	-	454.11 PMF 26-K90	BSP 3/4	17	92	16	30
11	-	454.11 PTF 21-K90	NPT 1/2	17	93	17	27
11	-	454.11 PMF 21-K90-S6	BSP 1/2	17	88	12	27
11	-	454.11 PMF 26-K90-S6	BSP 3/4	17	92	16	30
11	-	454.11 PTF 21-K90-S6	NPT 1/2	17	93	17	27



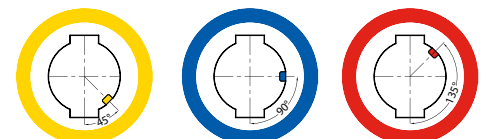
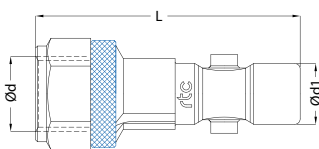
rtc TYPE 454.11

Female thread plug with 90° code without valve / Nippel mit Innengewinde 90° Kодиert ohne Ventil



Plug / Nippel

Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	HEX.
11	R255 00 161	454.11 PFF 21-K90	BSP 1/2	17	79	27
11	-	454.11 PNF 21-K90	NPT 1/2	17	79	27
11	R355 00 351	454.11 PFF 21-K90-S6	BSP 1/2	17	79	27
11	R355 00 352	454.11 PNF 21-K90-S6	NPT 1/2	17	79	27



90° coded Standart hose tail plug / Nippel mit 90° Kодиert - Schlauchanschluss TYPE 454.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1
	11	R255 00 167	454.11 PHF 13-K90	Ø13 - 1/2	17	104	37
	11	R255 00 170	454.11 PHF 16-K90	Ø16 - 5/8	17	104	37
	11	R255 00 173	454.11 PHF 19-K90	Ø19 - 3/4	17	104	37
	11	R355 00 353	454.11 PHF 13-K90-S6	Ø13 - 1/2	17	104	37
	11	-	454.11 PHF 16-K90-S6	Ø16 - 5/8	17	104	37
	11	R355 00 354	454.11 PHF 19-K90-S6	Ø19 - 3/4	17	104	37

Male thread plug with 90° code with valve / Nippel mit Aussengewinde 90° Kодиert mit Ventil TYPE 454.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	-	454.11 PMB 21-K90	BSP 1/2	17	104	13	30
	11	-	454.11 PMB 26-K90	BSP 3/4	17	109	18	30
	11	-	454.11 PTB 21-K90	NPT 1/2	17	107	16	30
	11	R353 00 343	454.11 PMB 21-K90-S6	BSP 1/2	17	104	13	30
	11	R353 00 345	454.11 PMB 26-K90-S6	BSP 3/4	17	109	18	30
	11	R353 00 344	454.11 PTB 21-K90-S6	NPT 1/2	17	107	16	30

Female thread plug with 90° code with valve / Nippel mit Innengewinde 90° Kодиert mit Ventil TYPE 454.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	11	R253 00 268	454.11 PFB 21-K90	BSP 1/2	17	107	30
	11	-	454.11 PFB 26-K90	BSP 3/4	17	112	34
	11	-	454.11 PNB 21-K90	NPT 1/2	17	107	30
	11	-	454.11 PNB 26-K90	NPT 3/4	17	112	34
	11	R353 00 341	454.11 PFB 21-K90-S6	BSP 1/2	17	107	30
	11	R353 00 342	454.11 PFB 26-K90-S6	BSP 3/4	17	112	34
	11	-	454.11 PNB 21-K90-S6	NPT 1/2	17	107	30
	11	-	454.11 PNB 26-K90-S6	NPT 3/4	17	112	34

90° coded Standart hose tail plug with valve / Nippel mit 90° Kодиert - Schlauchanschluss mit Ventil TYPE 454.11 **rtc**

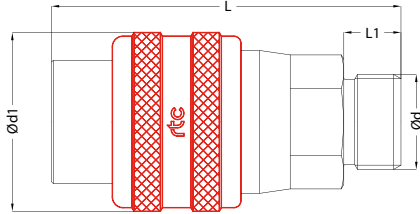
Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	L	L	L1
	11	R253 00 038	454.11 PHB 13-K90	Ø13 - 1/2	17	122	37
	11	-	454.11 PHB 16-K90	Ø16 - 5/8	17	122	37
	11	R253 00 056	454.11 PHB 19-K90	Ø19 - 3/4	17	122	37
	11	R353 00 346	454.11 PHB 13-K90-S6	Ø13 - 1/2	17	122	37
	11	-	454.11 PHB 16-K90-S6	Ø16 - 5/8	17	122	37
	11	R353 00 347	454.11 PHB 19-K90-S6	Ø19 - 3/4	17	122	37

rtc TYPE 454.11

Male thread socket with 135° code / Kupplung mit Aussengewinde 135° Kodiert



Socket / Kupplung



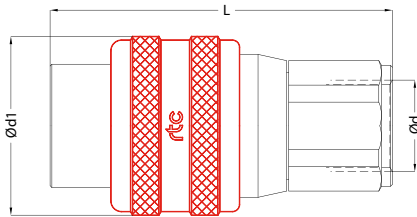
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
11	-	454.11 SMB 17-K135	BSP 3/8	50	96	12	32
11	-	454.11 SMB 21-K135	BSP 1/2	50	100	13	32
11	-	454.11 SMB 26-K135	BSP 3/4	50	101	16	32
11	-	454.11 SMB 33-K135	BSP 1	50	106	18	34
11	-	454.11 STB 17-K135	NPT 3/8	50	96	12	32
11	-	454.11 STB 21-K135	NPT 1/2	50	101	16	32
11	R303 00 692	454.11 SMB 17-K135-S6	BSP 3/8	50	96	12	32
11	R303 00 693	454.11 SMB 21-K135-S6	BSP 1/2	50	100	13	32
11	R303 00 694	454.11 SMB 26-K135-S6	BSP 3/4	50	101	16	32
11	R303 00 695	454.11 SMB 33-K135-S6	BSP 1	50	106	18	34
11	R303 00 696	454.11 STB 17-K135-S6	NPT 3/8	50	96	12	32
11	R303 00 697	454.11 STB 21-K135-S6	NPT 1/2	50	101	16	32

rtc TYPE 454.11

Female thread socket with 135° code / Kupplung mit Innengewinde 135° Kodiert



Socket / Kupplung



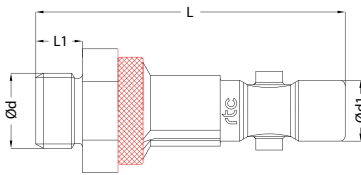
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	HEX.
11	-	454.11 SFB 17-K135	BSP 3/8	50	90	32
11	R203 00 168	454.11 SFB 21-K135	BSP 1/2	50	92	32
11	R203 00 171	454.11 SFB 26-K135	BSP 3/4	50	98	34
11	-	454.11 SNB 21-K135	NPT 1/2	50	92	32
11	-	454.11 SNB 26-K135	NPT 3/4	50	98	34
11	R303 00 675	454.11 SFB 17-K135-S6	BSP 3/8	50	90	32
11	R303 00 676	454.11 SFB 21-K135-S6	BSP 1/2	50	92	32
11	R303 00 677	454.11 SFB 26-K135-S6	BSP 3/4	50	98	34
11	R303 00 678	454.11 SNB 21-K135-S6	NPT 1/2	50	92	32
11	R303 00 679	454.11 SNB 26-K135-S6	NPT 3/4	50	98	34

rtc TYPE 454.11

Male thread plug with 135° code without valve / Nippel mit Aussengewinde 135° Kodiert ohne Ventil



Plug / Nippel



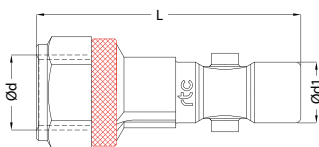
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
11	-	454.11 PMF 21-K135	BSP 1/2	17	88	12	27
11	-	454.11 PMF 26-K135	BSP 3/4	17	92	16	30
11	-	454.11 PTF 21-K135	NPT 1/2	17	93	17	27
11	-	454.11 PMF 21-K135-S6	BSP 1/2	17	88	12	27
11	-	454.11 PMF 26-K135-S6	BSP 3/4	17	92	16	30
11	-	454.11 PTF 21-K135-S6	NPT 1/2	17	93	17	27

rtc TYPE 454.11

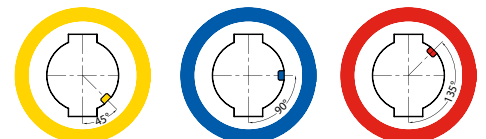
Female thread plug with 135° code without valve / Nippel mit Innengewinde 135° Kodiert ohne Ventil



Plug / Nippel



Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	HEX.
11	R255 00 162	454.11 PFF 21-K135	BSP 1/2	17	79	27
11	-	454.11 PNF 21-K135	NPT 1/2	17	79	27
11	-	454.11 PFF 21-K135-S6	BSP 1/2	17	79	27
11	R355 00 356	454.11 PNF 21-K135-S6	NPT 1/2	17	79	27



135° coded Standart hose tail plug / Nippel mit 135° Kодиert - Schlauchanschluss TYPE 454.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1
	11	R255 00 172	454.11 PHF 13-K135	Ø13 - 1/2	17	104	37
	11	R255 00 173	454.11 PHF 16-K135	Ø16 - 5/8	17	104	37
	11	R255 00 174	454.11 PHF 19-K135	Ø19 - 3/4	17	104	37
	11	R355 00 357	454.11 PHF 13-K135-S6	Ø13 - 1/2	17	104	37
	11	-	454.11 PHF 16-K135-S6	Ø16 - 5/8	17	104	37
	11	R355 00 358	454.11 PHF 19-K135-S6	Ø19 - 3/4	17	104	37

Male thread plug with 135° code with valve / Nippel mit Aussengewinde 135° Kодиert mit Ventil TYPE 454.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	-	454.11 PMB 21-K135	BSP 1/2	17	104	13	30
	11	-	454.11 PMB 26-K135	BSP 3/4	17	109	18	30
	11	-	454.11 PTB 21-K135	NPT 1/2	17	107	16	30
	11	R353 00 350	454.11 PMB 21-K135-S6	BSP 1/2	17	104	13	30
	11	R353 00 351	454.11 PMB 26-K135-S6	BSP 3/4	17	109	18	30
	11	R353 00 352	454.11 PTB 21-K135-S6	NPT 1/2	17	107	16	30

Female thread plug with 135° code with valve / Nippel mit Innengewinde 135° Kодиert mit Ventil TYPE 454.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	11	R253 00 044	454.11 PFB 21-K135	BSP 1/2	17	107	30
	11	-	454.11 PFB 26-K135	BSP 3/4	17	112	34
	11	-	454.11 PNB 21-K135	NPT 1/2	17	107	30
	11	-	454.11 PNB 26-K135	NPT 3/4	17	112	34
	11	R353 00 348	454.11 PFB 21-K135-S6	BSP 1/2	17	107	30
	11	R353 00 349	454.11 PFB 26-K135-S6	BSP 3/4	17	112	34
	11	-	454.11 PNB 21-K135-S6	NPT 1/2	17	107	30
	11	-	454.11 PNB 26-K135-S6	NPT 3/4	17	112	34

135° coded Standart hose tail plug with valve / Nippel mit 135° Kодиert - Schlauchanschluss mit Ventil TYPE 454.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	L	L	L1
	11	R253 00 038	454.11 PHB 13-K135	Ø13 - 1/2	17	122	37
	11	-	454.11 PHB 16-K135	Ø16 - 5/8	17	122	37
	11	R253 00 056	454.11 PHB 19-K135	Ø19 - 3/4	17	122	37
	11	R353 00 353	454.11 PHB 13-K135-S6	Ø13 - 1/2	17	122	37
	11	-	454.11 PHB 16-K135-S6	Ø16 - 5/8	17	122	37
	11	R353 00 354	454.11 PHB 19-K135-S6	Ø19 - 3/4	17	122	37