



rtc[®]

COUPLING TECHNOLOGY
www rtc-couplings.com



072

rtc TYPE



Compatible - Kompatibilität
ISO 16028

Temperature Range - Temperaturbereich
-20°C +100°C (-4°F +212°F) Nitril (N)
-10°C +180°C (+14°F +356°F) FPM (V)

Max. Working Pressure - Max. Betriebsdruck
rtc 072.05 400 bar (5800 PSI)
rtc 072.06 400 bar (5800 PSI)
rtc 072.10 375 bar (5450 PSI)
rtc 072.12 350 bar (3625 PSI)
rtc 072.16 350 bar (5075 PSI)
rtc 072.19 300 bar (4350 PSI)

Flow size - Nennweiten
rtc 072.05 5 mm
rtc 072.06 6 mm
rtc 072.10 10 mm
rtc 072.12 12 mm
rtc 072.16 16 mm
rtc 072.19 19 mm

Material
Socket Body- Kupplungsgrundkörper Steel zinc plated - Stahl verzinkt
Sleeve - Hülse Steel zinc plated - Stahl verzinkt
Valve - Ventil Steel zinc plated - Stahl verzinkt
Springs - Federn Stainless steel - Edelstahl
Seal - Dichtung Nitrile (N)
Balls - Kugeln Stainless steel - Edelstahl

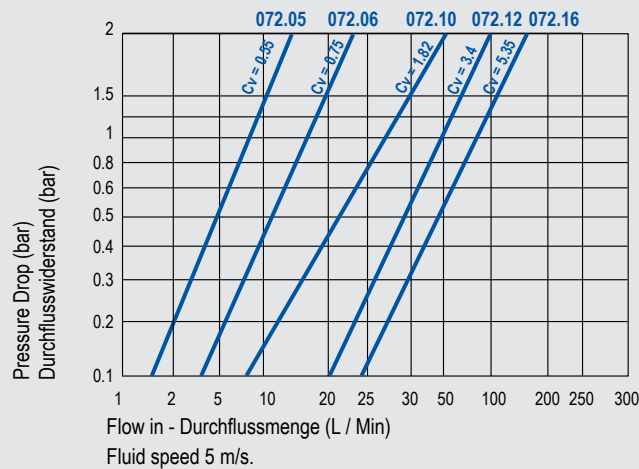
Plug - Nippel Steel zinc plated - Stahl verzinkt

Using Area
- The system perfectly fits to the ISO 16028 requirements.
- On hydraulic oil circuits
- Hydraulic test units
- Injection moulding industries / core pullers

Anwendungsbereiche
- Anforderungen von ISO 16028
- Hydraulische Verbindungen
- Hydraulik Prüfstände
- Kunststoffindustrie / Kernzüge



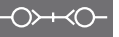
Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall



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rtc TYPE

rtc TYPE 072 ISO 16028

Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung

Size / Größe

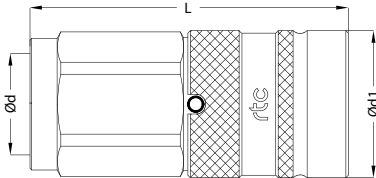
Order No / Bestellnr.

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HEX.



05

072.05 SFB 10
072.05 SNB 10

BSP 1/8
NPT 1/8

20
20

40
40

19
19

06

072.06 SFB 13
072.06 SNB 13

BSP 1/4
NPT 1/4

28
28

58
58

27
27

10

072.10 SFB 17
072.10 SNB 17
072.10 SFB 21
072.10 SNB 21

BSP 3/8
NPT 3/8
BSP 1/2
NPT 1/2

32
32
32
32

69
69
74
74

30
30
30
30

12

072.12 SFB 21
072.12 SNB 21

BSP 1/2
NPT 1/2

38
38

84
84

36
36

16

072.16 SFB 26
072.16 SNB 26

BSP 3/4
NPT 3/4

42
42

84
84

41
41

19

072.19 SFB 33
072.19 SNB 33

BSP 1
NPT 1

46
46

99
99

46
46

rtc TYPE 072 ISO 16028

Female thread plug / Nippel mit Innengewinde



Plugs / Nippel

Size / Größe

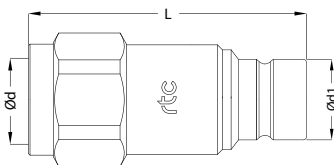
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HEX.



05

072.05 PFB 10
072.05 PNB 10

BSP 1/8
NPT 1/8

11.5
11.5

35
35

17
17

06

072.06 PFB 13
072.06 PNB 13

BSP 1/4
NPT 1/4

16
16

54
54

22
22

10

072.10 PFB 17
072.10 PNB 17
072.10 PFB 21
072.10 PNB 21

BSP 3/8
NPT 3/8
BSP 1/2
NPT 1/2

20
20
20
20

60
60
63
63

27
27
27
27

12

072.12 PFB 21
072.12 PNB 21

BSP 1/2
NPT 1/2

24.5
24.5

71
71

36
36

16

072.16 PFB 26
072.16 PNB 26

BSP 3/4
NPT 3/4

27
27

73
73

36
36

19

072.19 PFB 33
072.19 PNB 33

BSP 1
NPT 1

30
30

85
85

46
46



**“RESPECTING AND LISTENING
TO EVERY IDEA...”**

**André Queiroz [General Manager / RTC Portugal]
Sergio Fernandes [Global Business Development Manager / RTC Germany]**