

# KOMBI



## **Metal pipe couplings**

Compression coupling for metallic pipes

Engineering  
*GREAT* Solutions

# KOMBI

A flexible compression coupling for metallic pipes, soft and hard copper pipes and soft steel pipes in tap water and heating systems.

## Key features

### > External threads

For faster and easier installation, the KOMBI is equipped with external pipe threads, enabling it to connect to most IMI TA valves in DN 10-20, including radiator, ball and balancing valves.



## Technical description

### Applications:

Tapwater and heating systems.  
Process systems where the media does not affect the incoming material.

### Functions:

Compression coupling for soft and hard copper pipes (SS-EN 1057) and soft steel pipes.

### Pressure class:

PN 16

### Temperature:

Max. working temperature: 100°C

### Material:

Thrust screw: AMETAL® or brass  
Cone: Brass

AMETAL® is the dezincification resistant alloy of IMI Hydronic Engineering.

### Surface treatment:

Thrust screws nickel plated.

## Installation

The **KOMBI** for metallic pipes, copper and soft steel pipes, consists of thrust screw and a cone.

The thrust screws have male threads and fit most TA valves of DN 10-20 and such as:

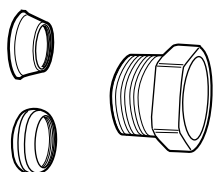
- Thermostatic valves
- Return valves
- Ball valves
- Balancing valves
- Relief valves
- Circulation valves

### Installation instruction

Make sure to push the pipe into the coupling as far as it will go. Tighten the thrust screw by hand first. Then tighten with an adjustable wrench.

Recommended tightening: 3/4 - 1 turns

## Articles



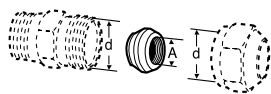
### KOMBI

Male pipe threads on thrust screw	For pipes, diameter	EAN	Article No
G1/4	8	7318792874406	53 235-102
G3/8	8	7318792874505	53 235-103
G3/8	10	7318792874604	53 235-104
G3/8	12	7318792874703	53 235-107
G1/2	10	7318792874901	53 235-109
G1/2	12	7318792875007	53 235-111
G1/2	14	7318792875106	53 235-112
G1/2	15	7318792875205	53 235-113
G1/2	16	7318792875304	53 235-114
G3/4	15	7318792875403	53 235-117
G3/4	18	7318792875601	53 235-121
G3/4	22	7318792875700	53 235-123

Plug for KOMBI: TA 322.

Support bush should be used TA 320 for copper pipes and TA 321 for steel pipes.

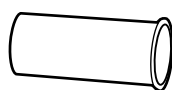
## Accessories



### TA 322 Plug

Non-plated (yellow)

Size	d	A	EAN	Article No
6 - 12	G3/8	G1/8	7318793629302	53 322-012
8 - 16	G1/2	G1/4	7318793629401	53 322-015
8 - 18	M22x1,5	G1/4	7318793629500	53 322-016
10 - 22	M28x1,5	G3/8	7318793705501	53 322-022
12 - 28	M34x1,5	G1/2	7318793705600	53 322-028
22 - 35	M42x2,0	G3/4	7318793705709	53 322-035



### TA 320 Support bush AMETAL®

Copper pipes

For pipe size	EAN	Article No
8x0,8	7318793762207	53 320-008
8x1,0	7318793762306	53 320-108
10x0,8	7318793762405	53 320-010
10x1,0	7318793762504	53 320-110
12x1,0	7318793762702	53 320-012
14x1,0	7318793762900	53 320-014
15x1,0	7318793763105	53 320-015
15x1,2	7318793763204	53 320-315
16x1,0	7318793763303	53 320-016
18x1,0	7318793763402	53 320-018
18x1,2	7318793763501	53 320-318
22x1,0	7318793763600	53 320-022
22x1,5	7318793763709	53 320-322



### TA 321 Support bush Steel

Steel pipe, Rilsan

For pipe size	EAN	Article No
15x1,15	7318793764109	53 321-115
16x1,15	7318793764208	53 321-116
18x1,15	7318793764307	53 321-118

Steel pipe

For pipe size	EAN	Article No
14x1,0	7318793764409	53 321-014
16x1,0	7318793764607	53 321-016

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