


Universal quick-action fittings, type approval TÜV.A.323

TÜV Nord provided the  **marsoflex**® - universal quick-action fitting with the component marking TÜV.A.323. By default, the fittings are designed with a round thread according to DIN 405 or with a trapezoidal thread according to DIN 103.

Features:

- Double-acting sealing (metallic and by means of O-ring)
- High level of safety for the user and long service life
- Easy and comfortable handling due to little coupling force
- Quick fitting without the help of tools
- Extremely robust, durable, space-saving, compact construction
- Maintenance and user friendliness
- Use with steam and hot water up to an operating pressure of 18 bar and an operating temperature of 210 degrees; with cold water and compressed air an operating pressure of up to 40 bar is possible
- By default, medium-contacting connections are made of material 1.4404 and/or 1.4571. Other connections of 1.4301.
- Upon request, delivery with factory certifications according to EN 10204-3.1 possible

With conical nipple

Union nut or external thread
Rd. 44 x 1/6", suitable for 25 bar operating pressure (PN 25)

Female part universal quick-action fittings, on the one side swivel nut, on the other side hose fitting with safety collar

Male part universal quick-action fittings, on the one side external thread, on the other side hose fitting with safety collar

Conical seal form

DN: Internal hose diameter in mm

Thread: Rd. = Round thread according to DIN 405

Materials: ST, MS, SS = 1.4404/1.4408

Union nuts of 1.4301

Materials:
For the abbreviation, see Materials register

Other materials upon request



Conical welding stud with universal quick-action fittings

Order number	DN	Weld-on dimension	Material
AMRD44SS21.3x1.6	13	21.3x1.6	SS
AMRD44SS21.3x3.2	13	21.3x1.6	SS
AMRD44DN20SS	19	27x3.5	SS
AMRD44DN25SS	25	32.5x3.0	SS



Blind caps and plugs for universal quick-action fittings

Order number	Thread	on the one side	Material
BKRD44SS	Rd. 44 / 1/6"	-	SS
BKRD44SSIG14	Rd. 44 / 1/6"	G 1/4	SS
BKRD44SSKK34VT	Rd. 44 / 1/6"	-	SS
BKRD44SSR34KO	Rd. 44 / 1/6"	R 3/4"	SS
BSRD44SS	Rd. 44 / 1/6"	-	SS



Male part universal quick-action fittings

Order number	DN	Thread	Material
VS135RD44SS VS135RD44MS VS135RD44ST	13 (1/2")	Rd. 44x1/6"	SS MS ST
VS196RD44SS VS196RD44MS VS196RD44ST	19 (3/4")	Rd. 44x1/6"	SS MS ST
VS256RD44SS VS256RD44MS VS256RD44ST	25 (1")	Rd. 44x1/6"	SS MS ST
VS326RD44SS VS326RD44MS VS326RD44ST	32 (1 1/2")	Rd. 44x1/6"	SS MS ST



Female part universal quick-action fittings

Order number	DN	Thread	Material
MS135RD44SS MS135RD44MS MS135RD44ST	13 (1/2")	Rd. 44x1/6"	SS MS ST
MS196RD44SS MS196RD44MS MS196RD44ST	19 (3/4")	Rd. 44x1/6"	SS MS ST
MS256RD44SS MS256RD44MS MS256RD44ST	25 (1")	Rd. 44x1/6"	SS MS ST
MS326RD44SS MS326RD44MS MS326RD44ST	32 (1 1/4")	Rd. 44x1/6"	SS MS ST



Flange thread nipples for universal quick-action fittings

Order number	Flange	Thread	Material	Overall length [mm]
FG015PN40RD44SS	DN 15 PN 40	Rd. 44 x 1/6"	SS	75
FG020PN40RD44SS	DN 20 PN 40	Rd. 44 x 1/6"	SS	78
FG025PN40RD44SS	DN 25 PN 40	Rd. 44 x 1/6"	SS	77



Threaded weld-on connector with universal quick-action fittings

Order number	DN	Weld-on dimension	Material
ANRD44DN13SS	13	21.3x3.2	SS
ANRD44DN13SS21,3X1,6	13	21.3x3.2	SS
ANRD44DN19SS	19	26.9 / 3.2	SS
ANRD44DN19SS26,9X1,6	19	26.9 / 1/6	SS
ANRD44DN25SS	25	33.7 / 3.2	SS
ANRD44DN25SS33,7X2	25	33.7 / 2	SS



Double nipples

Order number	Thread	Material
DNRD44 SS	Rd. 44 x 1/6"	SS



Reduction nipples

Order number	Thread		Material	Seal form
	on the one side	on the other side		
RN012RD44SS	G 1/2	Rd. 44 x 1/6"	SS	fld. / con.
RN012NPTRD44SS	1/2" NPT	Rd. 44 x 1/6"	SS	Gew. / con.
RN034RD44SS	G 3/4	Rd. 44 x 1/6"	SS	fld. / con.
RN034NPT44SSKON	3/4" NPT	Rd. 44 x 1/6"	SS	Gew. / con.
RN010RD44SS	G 1	Rd. 44 x 1/6"	SS	fld. / con.
RN010NPT44 SSKON	1" NPT	Rd. 44 x 1/6"	SS	Gew. / con.



Reducers

Order number	Thread		Material	Seal form
	internal	external		
RS012RD44SS	G 1/2	Rd. 44 x 1/6"	SS	fld. / con.
RS012NPTRD44SS	1/2" NPT	Rd. 44 x 1/6"	SS	Gew. / con.
RS034RD44SS	G 3/4	Rd. 44 x 1/6"	SS	fld. / con.
RS034NPTRD44SSKON	3/4" NPT	Rd. 44 x 1/6"	SS	fld. / con.
RS010RD44SS	G 1	Rd. 44 x 1/6"	SS	fld. / con.
RS010NPTRD44SSKON	1" NPT	Rd. 44 x 1/6"	SS	Gew. / con.

Universal quick-action fittings, heavy design

Union nut or external thread Rd. 44x1/6", suitable for 18 bar operating pressure (PN 18) for steam and hot water, 40 bar operating pressure (PN 40) for cold water and compressed air. Component marking TÜV.A-323

Female hose tail with safety clamps, heavy design, on the one side swivel nut, on the other side hose fitting with safety collar

Male hose tail with safety clamps, heavy design, on the one side external thread, on the other side hose fitting with safety collar

DN: Internal hose diameter in mm

Thread: Rd. = Round thread according to DIN 405

Seal form: conical

Materials:
For the abbreviation, see Materials register

Other materials upon request



Female hose tail with safety clamps, heavy design

Order number	DN	Thread	Material
DM13RD44SS DM13RD44MS DM13RD44ST	13 (1/2")	Rd. 44x1/6"	SS MS ST
DM20RD44SS DM20RD44MS DM20RD44ST	19 (3/4")	Rd. 44x1/6"	SS MS ST
DM25RD44SS DM25RD44MS DM25RD44ST	25 (1")	Rd. 44x1/6"	SS MS ST



Male hose tail with safety clamps, heavy design

Order number	DN	Thread	Material
DA13RD44SS DA13RD44MS DA13RD44ST	13 (1/2")	Rd. 44x1/6"	SS MS ST
DA20RD44SS DA20RD44MS DA20RD44ST	19 (3/4")	Rd. 44x1/6"	SS MS ST
DA25RD44SS DA25RD44MS DA25RD44ST	25 (1")	Rd. 44x1/6"	SS MS ST



Knurled nut for universal fitting

Order number	Nominal width	Thread	Material	Seal form
DMRD44SS	DN 19/ DN 25	Rd. 44 x 1/6"	SS	con.
DMRD44SS13SS	DN13	Rd. 44 x 1/6"	SS	con.