


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.