

**MATERIAL**

Polyamide based (PA) technopolymer, black colour, matte finish.

**FEATURES AND APPLICATIONS**

The two connector parts are connected together by means of pins which are housed in special counter-seats. Two cavities inside the connector are provided for housing an hexagonal-head screw or an hexagonal nut. Thanks to the tapered shape of the cavity, the connector exerts a pressure on the inner walls of the tube, due to the tightening of the screw or of the nut, thus ensuring the tensile strength of the connection. The level of the tensile strength depends on the tube dimensional tolerances, the roughness of the tube inner surfaces and the tightening torque applied. The connector allows the joining of round tubes to one another or to other elements.

The assembly can be performed simply by positioning the connector, forcing it, inside the profile, with no need of screws or other fasteners.

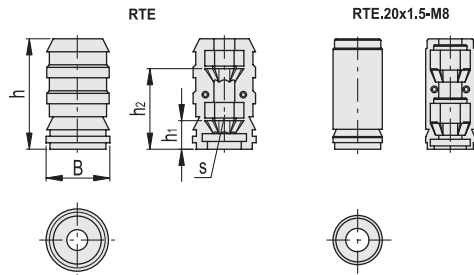
**SPECIAL EXECUTIONS ON REQUEST**

Connector assembled with nut or screw.

**ASSEMBLY OF THE TUBE TO THE CONNECTOR**

It can be made as an alternative with:

- Hexagonal-head screw DIN 933 of dimension as shown in the table.
- Hexagonal nut DIN 934 of dimension as shown in the table.
- Self-locking hexagonal nut DIN 985 of dimension as shown in the table.



The geometry of the end-cap in the part that is inserted into the tube may vary for the different dimensions.

Conversion Table 1 mm = 0,039 inch					
B					
mm	inch	mm	inch	mm	inch
17	0.67	22	0.87	27	1.06
18	0.71	23	0.91	28	1.10
19	0.75	24	0.94	29	1.14
19.6	0.77	25	0.98	29.6	1.16
20	0.79	26	1.02	30	1.18
		31	1.22		

**METRIC**

Code	Description	B	h	h1	h2	s	Tube external diameter	Tube internal diameter	⚖️
430301	RTE.20x1.0-M8	18	42	10	30	13	20	18	6
430303	RTE.20x1.5-M6	17	42	12	32	10	20	17	7
430305	RTE.20x1.5-M8	17	42	10	30	13	20	17	5
430311	RTE.22x1.0-M6	20	42	12	32	10	22	20	9
430313	RTE.22x1.0-M8	20	42	10	30	13	22	20	7
430321	RTE.22x1.2-M8	19.6	42	10	30	13	22	19.6	7
430323	RTE.22x1.5-M6	19	42	12	32	10	22	19	9
430325	RTE.22x1.5-M8	19	42	10	30	13	22	19	6
430331	RTE.25x1.0-M6	23	42	12	32	10	25	23	12
430333	RTE.25x1.5-M6	22	42	12	32	10	25	22	11
430335	RTE.25x1.5-M8	22	42	10	30	13	25	22	9
430341	RTE.28x1.5-M6	25	41	12	32	10	28	25	17
430343	RTE.28x1.5-M8	25	42	10	30	13	28	25	15
430345	RTE.28x2.0-M8	24	42	10	30	13	28	24	14
430351	RTE.30x1.0-M8	28	42	10	30	13	30	28	17
430353	RTE.30x1.5-M8	27	42	10	30	13	30	27	17
430355	RTE.30x1.5-M10	27	42	10	30	17	30	27	14
430357	RTE.30x2.0-M8	26	42	10	30	13	30	26	15
430359	RTE.30x2.0-M10	26	42	10	30	17	30	26	13
430361	RTE.32x1.2-M6	29.6	42	12	32	10	32	29.6	23
430363	RTE.32x1.5-M10	29	42	10	30	17	32	29	18
430365	RTE.32x2.0-M6	28	41.5	12	32	10	32	28	22
430367	RTE.32x2.0-M10	28	42	10	30	17	32	28	16
430369	RTE.32x2.5-M10	27	42	10	30	17	32	27	15
430371	RTE.35x1.5-M6	32	40	12	32	10	35	32	27
430373	RTE.35x1.5-M10	32	42	10	29	17	35	32	22
430375	RTE.35x2.0-M10	31	42	10	30	17	35	31	20
430377	RTE.35x2.5-M6	30	42	12	32	10	35	30	20
430381	RTE.40x1.5-M8	37	42	10	30	13	40	37	33
430383	RTE.40x1.5-M10	37	42	10	30	17	40	37	31
430385	RTE.40x2.0-M10	36	42	10	30	17	40	36	28
430387	RTE.40x2.5-M6	35	43	12	32	10	40	35	21



Leveling elements and supports