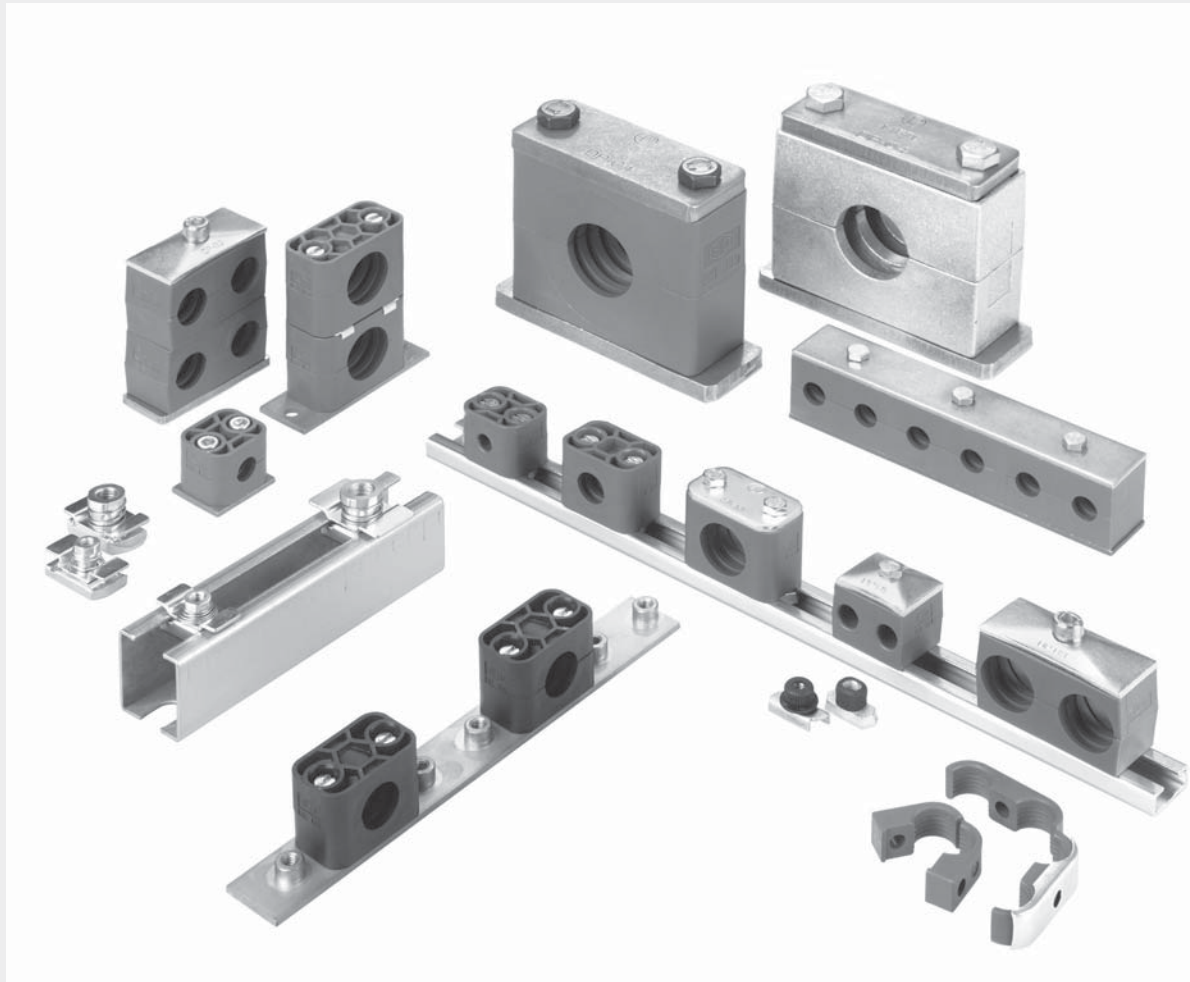



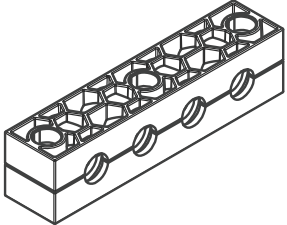
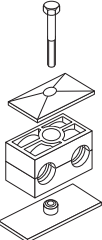
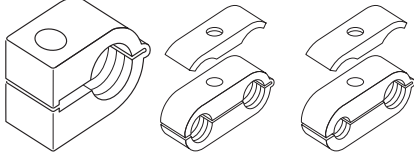
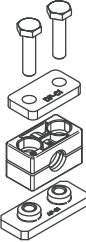
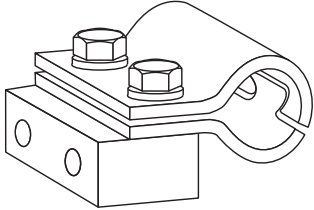
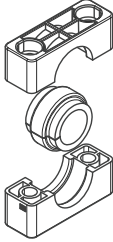
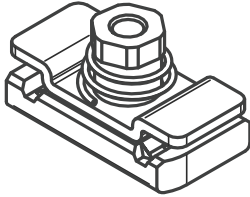


EO[®] Ermeto Original *Tube clamps*



Content

Technical data T3
 Material properties T4
 Special materials T5
 Assembly instruction T6

<p>Series A Light series (DIN 3015-1)</p>	 <p>T8-T23</p>	<p>Multiclamps</p>	 <p>T38-T43</p>
<p>Series B Double series (DIN 3015-3)</p>	 <p>T24-T28</p>	<p>Series O</p>	<p>single double</p>  <p>T44-T45</p>
<p>Series C Heavy series (DIN 3015-2)</p>	 <p>T29-T37</p>	<p>Hydraulic steel clamps</p>	 <p>T46-T47</p>
		<p>Tube clamps with Elastomer inlay</p>	 <p>T48-T50</p>
		<p>Fixed adaptor</p>	 <p>T51-T54</p>

Tube clamps

DIN 3015

Programme:

Tube clamps series A (according to DIN 3015 Part 1)

Available in nine standard sizes for normal mechanical requirements.

- Outer tube diameter for the metric series 4 to 101.8 mm
 - Outer tube diameter for the inch-size series R 1/8" to R 3 1/2"
 - Outer tube diameter for the imperial size series 1/4" to 4"
- Accessories and construction types

Tube clamps series B (according to DIN 3015 Part 3)

Available as a twin tube clamp in five standard sizes for normal mechanical requirements.

- Outer tube diameter for the metric series 6 to 42 mm
 - Outer tube diameter for the inch-size series R 1/8" to R 1 1/4"
 - Outer tube diameter for the imperial size series 1/4" to 1 1/2"
- Double tube clamps with different tube o.d. are available on request.

Accessories and construction types

Tube clamps series C (according to DIN 3015 Part 2)

Specially designed for high mechanical requirements, and available in ten standard sizes.

- Outer tube diameter for the metric series 6 to 406.4 mm
 - Outer tube diameter for the inch-size series R 1/8" to R 16"
 - Outer tube diameter for the imperial size series 5/16" to 12 3/4"
- Accessories and construction types

Design:

According to DIN 3015:

Both upper and lower clamp-halves are identical.

Webs inside the bore of the clamps provide an impact and vibration deadening effect, and absorb the forces towards the direction of the tube axis.

For mounting hoses and cables it is recommended that clamps with a smooth interior surface and without prestress (block height C is reduced by gap height S) are used.

Clamp material:

Polypropylene	-30°C up to + 90° C	colour dark green
Polyamide	-40°C up to + 120° C	colour black
Rubber	-50°C up to + 120° C	colour black
Aluminium	-40°C up to + 300° C	

Stainless steel upon request.

Non standard colours upon request.

Special materials

Flame retardant.....	p. T5
Corrosion retardant.....	p. T5

Resistance to stress:

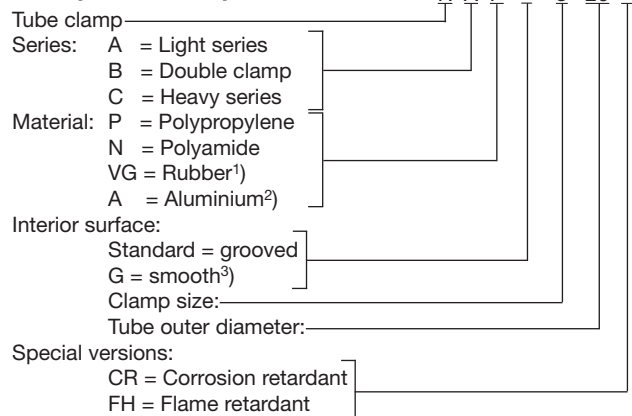
The remarkable features of **Tube Clamps** are their considerable re-set capability, high tensile strength, as well as their very high output strength and excellent resistance to cold. The choice of design and clamp material depends on the specific demands of the mechanical and thermal requirements.

Order code:

The order code for clamp halves as well as the reference No. for complete tube clamps incorporates the serial indication, material description and interior surface.

In accordance with DIN 3015, clamps always consist of two clamp halves. (1 clamp = 2 clamp halves)

Example of description:



- ¹⁾ Rubber only available for series A and B, inside smooth and series C grooved design (G).
- ²⁾ Aluminium only available for series A size 0 to 6 and series C size 1 to 8. Aluminium clamps only available in a grooved design.
- ³⁾ Inside smooth series A not for size 0.
Inside smooth series C only up to size 8.
Clamps with smooth interior surface and without prestress

Finish of the metal components:

All metal components are available in steel and stainless steel.

Stainless steel quality:

Stainless steel W5 (1.4401 or 1.4571) from stock, W4 (1.4301 or 1.4305) available on request.

Surfaces steel:

As is standard, the steel components have the following surfaces:

Metal part	Series A+B		Series C	
	Bolt	Cr(VI)-free zinc plated		phosphated
Cover plate	Cr(VI)-free zinc plated		phosphated	Cr(VI)-free zinc plated
Welding plate	phosphated		phosphated	
Mounting rail nut	Cr(VI)-free zinc plated		Cr(VI)-free zinc plated	
Mounting rail	plain & oiled	Cr(VI)-free zinc plated	plain & oiled	Cr(VI)-free zinc plated

Surfaces differing from this are available on request.

Registration:

On request.

Tube clamps material properties

DIN 3015

Mechanical properties	Polypropylene (PP)	Polyamide (PA)	Aluminium (Al)	Rubber (TPE)
Density	0.90 g/cm ³	1.10 g/cm ³	2.65 g/cm ³	0.97 g/cm ³
Impact value at 23 °C	7 kJ/m ² (ISO 179/1eA)	8 kJ/mm ² (ISO 179/1eA)	–	–
Impact value at -20 °C	3 kJ/m ² (ISO 179/1eA)	–	–	–
Modulus of elasticity	1.400 N/mm ² (ISO 527)	2.000 N/mm ² (ISO 527)	72.000 N/mm ²	–
Yield stress. resp. tensile strength (Rm)	28 N/mm ² (ISO 527)	50 N/mm ² (ISO 527)	>240 N/mm ²	5.2 ... 8.8 N/mm ² (ASTM D412)
Thermal properties				
Temp. resistance	-30 ... +90°C	-40 ... +120°C	-40 ... +300°C	-50 ... +120°C
Chemical properties				
Weak acids	limited resistant	limited resistant	limited resistant	resistant
Weak alkalis	limited resistant	limited resistant	limited resistant	resistant
Alcohol	resistant	resistant	resistant	resistant
Petrol	limited resistant	resistant	resistant	limited resistant
Mineral oils	limited resistant	resistant	resistant	resistant
Other oils	resistant	resistant	resistant	resistant
Sea Water	resistant	resistant	limited resistant	resistant

The outlined particulars are approximate values and are only shown for reference, which are not binding, and with regard to possible protection of third parties. They do not exempt you from your own examination of suitability of the products delivered by us. Therefore, these values can only be used in a limited way for guidance only.

The application of the products is carried out outside of our control and, therefore, is exclusively subject to your own area of responsibility. Any claim however would be limited for all damages to the value of the goods supplied by us and in use by you.

It goes without saying, that we guarantee the perfect quality of our products according to our general sales and delivery conditions.

Special materials

Flame retardant clamps for railway vehicles EN 45545-2

Our flame retardant finish is the ideal solution for the transport and railway market. This provides increased safety and efficiency for railway vehicles.

Material:	Polypropylene (PP-F)	Polyamide (PA-F)	Rubber (TPE-F)
T01 EN ISO 4589-2: Oxygen Index	OI = 38.7 %	OI = 35.5 %	OI = 33.4 %
T10.03 EN ISO 5659-2: 25 kW/m ²	D _S max. = 48	D _S max. = 124	D _S max. = 79
T12 NF X 70 100-1 & -2: 600°C	CIT _{NLP} = 0.15	CIT _{NLP} = 0.51	CIT _{NLP} = 0.15
Compliance of the requirement set R22, 23, 24, 26 for the hazard level:	HL1 - HL2 - HL3	HL1 - HL2 - HL3	HL1 - HL2 - HL3

The advantages:

- Improved railway vehicle safety
- Flame retardant in accordance with DIN 45545-2, UL 94, DIN 3015, BS 6853, DIN 5510-2, NF F 16-101 NF F 16-101, BS 6853, UL 94
- 2+5 system. Only 2 sizes for tube diameters 6-42 mm
- Plates and rails in steel and stainless steel

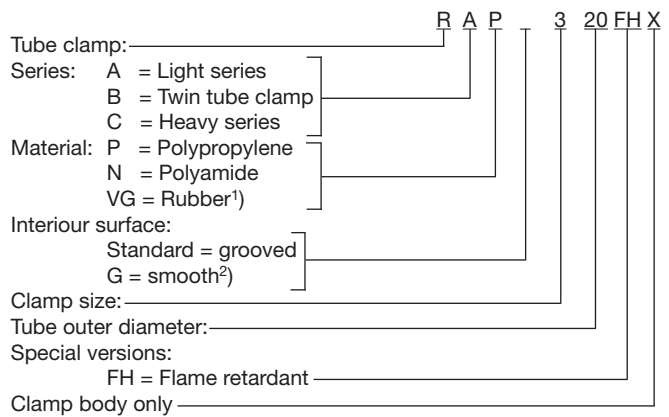
Standard compliance:

Flame protected tube clamps DIN 3015 certification in line with:

- BS 6853
- DIN 5510-2
- DIN EN 45545
- UL 94
- NF F 16-101

For the original material polypropylene, the color of the clamp is white, black for polyimid and solid rubber.

Example of description:



Corrosion retardant clamps

Our anti-corrosion finish is the ideal solution for areas at risk of corrosion.

Anticorrosion was developed on the basis of the approved polypropylene.

A specialised corrosion inhibitor effectively slows down the development of crevice corrosion between the clamp bodies and the tubework.

These corrosion-preventing properties were tested and recorded by salt spray tests in accordance with DIN EN ISO 9227.

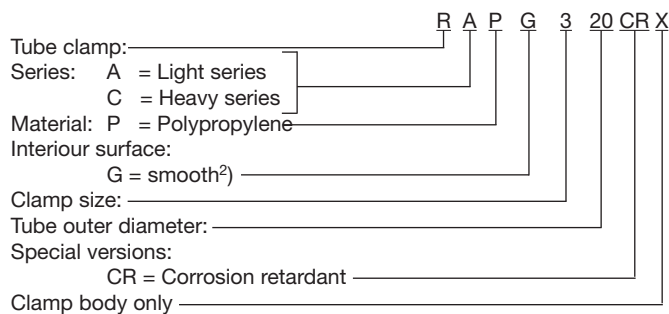
Tube clamps made of PP-CR are available in the A+C series of our approved tube clamp range.

The source material is polypropylene, and the colour of the clamps is always slate grey.

Advantages:

- Enormous reduction of crevice corrosion
- Extension of maintenance intervals
- Cost reduction due to extended durability of the tubing

Example of description:



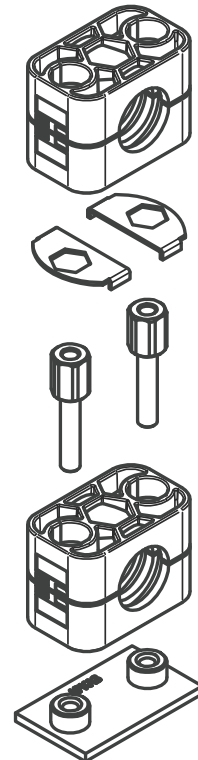
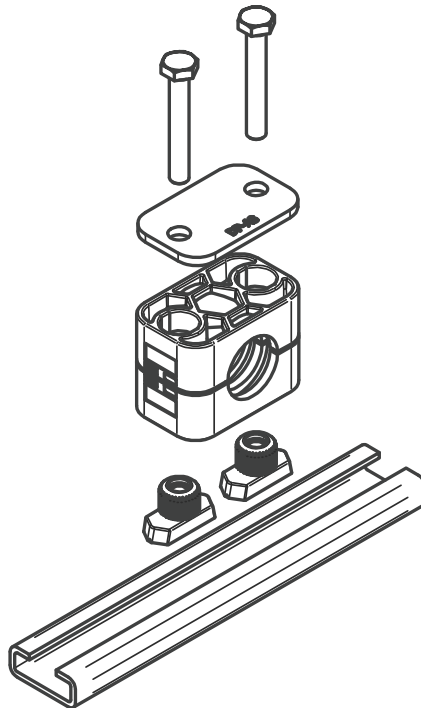
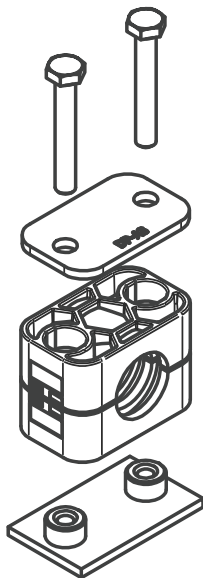
¹⁾ Rubber for series A and B only with smooth interior surface (G).

²⁾ Inside smooth series A not for size 0.

Inside smooth series C only up to size 8.

Clamps with smooth interior surface and without prestress.

Tube clamps assembly instruction



Assembly:

Assembly on to metal welding plates

Place welding plates on a base appropriate for the load. Make sure that the clamps are properly aligned. Clamp lower clamp half onto welding plate, insert tube, place upper clamp half onto lower half and fasten with the screws. Attention must be paid to the bias (after completed assembly, clamp halves may not be in contact)! Do not weld with fitted plastic clamp! Extended welding plates may be screw-fastened to the base.

Assembly on support rails

Support rails are available in four different heights and come in pieces of 1 m or 2 m length, as required. Weld on support rail or screw-fasten with fastening angle bracket. Insert support rail nuts in rail and turn until stoppage. For heavy duty construction series, nuts are simply pushed in. Clamp lower clamp half on support rail nuts, insert tube, place upper clamp half onto lower half and fasten with the screws. Before fastening the screws the clamp may still be positioned. Attention must be paid to the bias (after completed assembly, the clamp halves may not be in contact)!

Construction assembly

Clamps allow the assembly of multiple clamps of the same construction size and of different tube diameters one above the other. The construction assembly is carried out with special fixing screws that are secured against twisting by applying a locking plate. Clamp lower clamp half on welding plate or support rail respectively, insert tube, place upper clamp half on lower half and fasten with fixing screws. The fixing screw juts out from the upper clamp half. The application of a locking plate securely fastens the fixing screw and prevents twisting. Clamp on second clamp half on to the fixing screws etc.

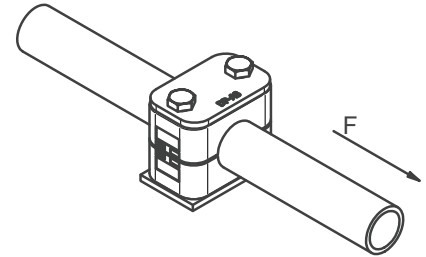
Tube clamps

DIN 3015

Screw tightening torque and axial pipe shearing forces

The indicated screw tightening torque and axial pipe shearing forces refer to the assembly with cover plates and outside hexagon bolts according to DIN 931/933.

The axial pipe shearing force (according to DIN 3015, part 10) is an average value, determined by three tests made with a steel pipe according to DIN 2448 of St. 37, for which static friction is assumed (temperature during tests: 23°C). When loading the clamp with the indicated test force (F) in axial pipe direction, the pipe must not slide in the clamp.



Series A - Light series (DIN 3015, part 1)

Size	Fixing screw DIN 931/933	Polypropylene		Polyamide		Aluminium	
		Screw tightening torque (Nm)	Pipe shearing force F (kN)	Screw tightening torque (Nm)	Pipe shearing force F (kN)	Screw tightening torque (Nm)	Pipe shearing force F (kN)
0	M6	8	0.6	10	0.6	–	–
1	M6	8	1.1	10	0.7	12	4.2
2	M6	8	1.2	10	0.8	12	4.3
3	M6	8	1.4	10	1.6	12	4.8
4	M6	8	1.5	10	1.7	12	5.0
5	M6	8	1.9	10	2.0	12	7.3
6	M6	8	2.0	10	2.5	12	8.9
7	M6	8	2.3	10	3.2	–	–
8	M6	8	2.6	10	3.5	–	–

Series B - Double series (DIN 3015, part 3)

Size	Fixing screw DIN 931/933	Polypropylene		Polyamide	
		Screw tightening torque (Nm,)	Pipe shearing force F (kN)	Screw tightening torque (Nm)	Pipe shearing force F (kN)
1	M6	5	0.9	6	0.9
2	M8	12	2.1	12	2.2
3	M8	12	1.9	12	2.0
4	M8	12	2.7	12	2.9
5	M8	8	1.7	8	2.5

Series C - Heavy series (DIN 3015, part 2)

Size	Fixing screw DIN 931/933	Polypropylene		Polyamide		Aluminium	
		Screw tightening torque (Nm)	Pipe shearing force F (kN)	Screw tightening torque (Nm)	Pipe shearing force F (kN)	Screw tightening torque (Nm)	Pipe shearing force F (kN)
1	M10	12	1.6	20	4.2	30	12.1
2	M10	12	2.9	20	4.5	30	15.1
3	M10	15	3.3	25	5.1	35	15.5
4	M12	30	8.2	40	9.3	55	29.4
5	M16	45	11.0	55	15.8	120	34.8
6	M20	80	14.0	150	21.0	220	50.0
7	M24	110	28.0	200	32.0	250	70.6
8	M30	180	40.0	350	48.0	500	84.5
9	M30	200	119.0	370	125.0	500	181.5
10	M30	270	168.0	450	180.0	600	244.5

For further information on clamp mouting, see page F14 following.

Tube clamps

Tube clamps series B (Twin-tube clamps) – Components

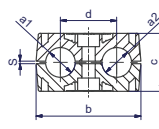
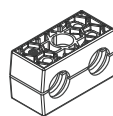
DIN 3015, part 3

Order codes for clamp halves:

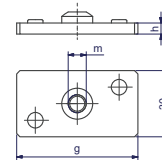
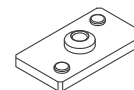
Material	Interior surface	Order code
Polypropylene	grooved	RBP
	smooth	RBPG
Polyamide	grooved	RBN
	smooth	RBNG
Rubber	smooth	RBVG¹⁾

(Please exchange as required standard abbreviation RBP in column for "clamp halves")

For flame- or corrosion retardant materials, please refer to page T5.



Width: 30 mm



clamp size	Tube O.D. mm	Tube NB	Tube O.D.	1 part 2 clamp halves ²⁾		weld plate with locking device			
				RBP... Order code	dimensions: b c d s	APB... Order code	dimensions: g m h		
1	6.0	G 1/8	1/4 5/16 3/8	RBP106X RBP106.4X RBP108X RBP109.5X RBP110X RBP112X	36 27.0 20 1.0	APB1...*	37	M6	3
	6.4								
	8.0								
	9.5								
	10.0								
	12.0								
2	12.7	G 1/4 G 3/8	1/2 5/8	RBP212.7X RBP213.5X RBP214X RBP215X RBP216X RBP217.2X RBP218X	53 27.4 29 1.2	APB2...*	55	M8	5
	13.5								
	14.0								
	15.0								
	16.0								
	17.2								
3	19.0	G 1/2	3/4 1	RBP319X RBP320X RBP321.3X RBP322X RBP325X RBP325.4X	67 37.0 36 1.6	APB3...*	70	M8	5
	20.0								
	21.3								
	22.0								
	25.0								
	25.4								
4	26.9	G 3/4		RBP426.9X RBP428X RBP430X	82 42.0 45 2.0	APB4...*	85	M8	5
	28.0								
	30.0								
5	32.0	G 1 G 1 1/4	1 1/4 1 1/2	RBP532X RBP533.7X RBP535X RBP538X RBP540X RBP542X	106 54.0 56 2.0	APB5...*	110	M8	5
	33.7								
	35.0								
	38.0								
	40.0								
	42.0								

¹⁾ When assembling solid rubber clamps, cover plates, hexagon screws and locking washers must be used.

²⁾ Twin-tube clamps with different outer tube diameters upon request.

*Please add the suffix below according to the surface/material required.

Order code suffixes		
Surface/material	Suffix	Example
Steel, phosphated	X	APB1X
Steel, zinc plated, Cr(VI)-free	VZX	APB1VZX
Stainless Steel 1.4571	4571X	APB14571X

Tube clamps series B (Twin-tube clamps) – Components

DIN 3015, part 3

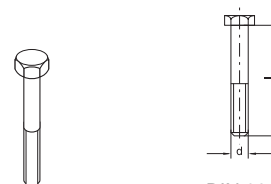
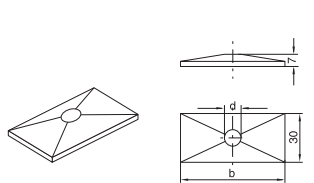
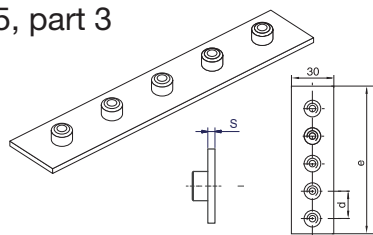
								<p>With loss protection (See page T54).</p>						
clamp size	weld plate, angled		mounting rail nut					mounting rail nut						
	TS...A/B Order code	dimensions: h	TM Order code	dimensions: a b c m h					TMA/TMB1... Order code	dimensions: a b c m h				
1			TMA/TMB1VERZX TMA/TMB1/4571X	25.4	10.4	12	M6	14.5	TMA/TMB1WLPVZX TMA/TMB1WLP71X	25.4	10.4	12	M6	14.5
2	TS11A/B1...* TS11A/B2...* TS14A/B1...* TS14B/B2...* TS30A/B1...* TS30B/B2...*	TS11: TS14: TS30:	TMB2VZX TMB24571X	25.4	10.4	14	M8	13.0						
3														
4														
5														

*Please add the suffix below according to the surface/material required.

Order code suffixes		
Surface/material	Suffix	Example
Steel, phosphated	X	TS11A/B1X
Steel, zinc plated, Cr(VI)-free	VZX	TS11A/B1VZX
Stainless Steel 1.4571	71X	TS11A/B171X

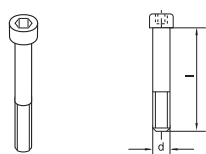
Tube clamps series B (Twin-tube clamps) – Components

DIN 3015, part 3

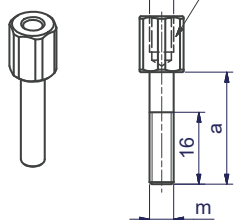


DIN 931/933

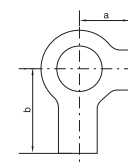
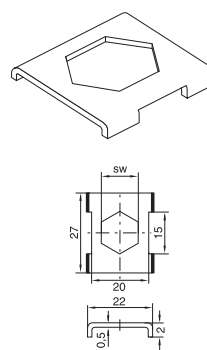
clamp size	weld plate angled (5 clamps)			cover plate			hexagonal screws			
	APR B... Order code	dimensions: d e s		DP B... Order code	dimensions: b d		SS B... Order code	dimensions: d x L		
1	APRB1X APRB1VZX APRB4571X	40	196	3	DPB1...*	34	6.6	SSLA2/SSB1...*	M 06x35	
2	APRB2X APRB2VZX APRB24571X	58	288	5	DPB2...*	51	8.6	SSB2...*	M 08x35	
3	APRB3X APRB3VZX APRB34571X	72	358	5	DPB3...*	64	8.6	SSB3...*	M 08x45	
4	APRB4X APRB4VZX APRB44571X	90	446	5	DPB4...*	78	8.6	SSB4...*	M 08x50	
5	APRB5X APRBVZX APRB4571X	112	558	5	DPB5...*	102	8.6	SSB5...*	M 08x60	



ISO 4762



DIN 938



clamp size	socket head		stacking			locking plate ¹⁾		locking washer ²⁾		
	IS B... Order code	dimensions: d x L	AS B... Order code	dimensions: a m SW		SB B... Order code	dim.: SW	US... Order code	dimensions: a b	
1	ISA4...* (ISB1...*)	M 06x35	ASA0...* (ASB1...*)	20	M6 11	SBB1...*	11	USA/USB1X ³⁾	9	18
2	ISB2...*	M 08x35	ASB2...*	22	M8 12	SBB2...*	12	USB2X USB271X	11	20
3	ISB3...*	M 08x45	ASB3...*	30	M8 12					
4	ISB4...*	M 08x50	ASB4...*	35	M8 12					
5	ISB5...*	M 08x60	ASB5...*	47	M8 12					

1) The use of stacking screws necessitates the use of locking plates in the construction assembly!

2) When assembling solid rubber clamps, covering plates, hexagon screws and locking washers must be used.

3) Material = Stainless steel 1.4571

*Please add the suffix below according to the surface/material required.

Order code suffixes		
Surface/material	Suffix	Example
Steel, zinc plated, Cr(VI)-free	X	DPB1X
Stainless Steel 1.4571	71X	DPB14571X

Tube clamps series B – Complete range

Order codes for clamp halves:

Material	Interior surface	Order code
Polypropylene	grooved	RBP
	smooth	RBPG
Polyamide	grooved	RBN
	smooth	RBNG
Rubber	smooth	RBVG¹⁾

(Please exchange as required standard abbreviation RBP in column for "Order code")

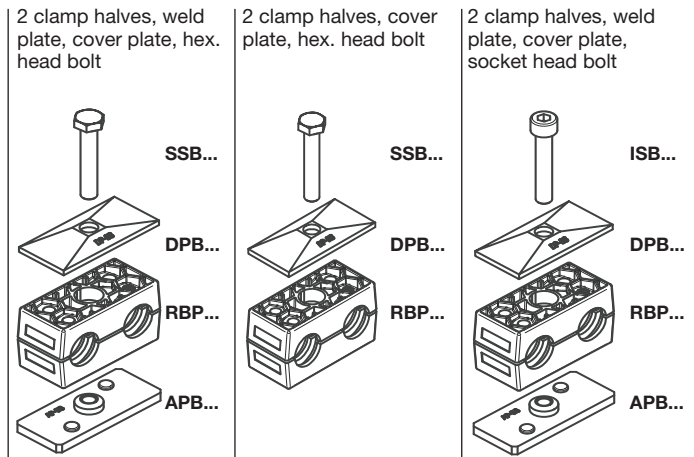
For flame- or corrosion retardant materials, please refer to page T5.

The steel parts of kits 1, 16 and 3 have the following surfaces:

Screws, bushes, cover plates = Cr(VI)-free galvanized

Welding plate = phosphated

Other compositions available on request.



clamp size	Tube O.D. mm	Tube NB	Tube O.D.	Order code	Order code	Order code		
1	6.0	G 1/8	1/4	RBP1-106	RBP16-106	RBP3-106		
	6.4			RBP1-106.4	RBP16-106.4	RBP3-106.4		
	8.0			RBP1-108	RBP16-108	RBP3-108		
	9.5			RBP1-109.5	RBP16-109.5	RBP3-109.5		
	10.0			RBP1-110	RBP16-110	RBP3-110		
12.0	RBP1-112	RBP16-112	RBP3-112					
2	12.7	G 1/4	1/2	RBP1-212.7	RBP16-212.7	RBP3-212.7		
	13.5			RBP1-213.5	RBP16-213.5	RBP3-213.5		
	14.0			RBP1-214	RBP16-214	RBP3-214		
	15.0			RBP1-215	RBP16-215	RBP3-215		
	16.0			G 3/8	5/8	RBP1-216	RBP16-216	RBP3-216
	17.2					RBP1-217.2	RBP16-217.2	RBP3-217.2
18.0	RBP1-218	RBP16-218	RBP3-218					
3	19.0	G 1/2	3/4	RBP1-319	RBP16-319	RBP3-319		
	20.0			RBP1-320	RBP16-320	RBP3-320		
	21.3			RBP1-321.3	RBP16-321.3	RBP3-321.3		
	22.0			RBP1-322	RBP16-322	RBP3-322		
	25.0			1	RBP1-325	RBP16-325	RBP3-325	
	25.4				RBP1-325.4	RBP16-325.4	RBP3-325.4	
4	26.9	G 3/4		RBP1-426.9	RBP16-426.9	RBP3-426.9		
	28.0			RBP1-428	RBP16-428	RBP3-428		
	30.0			RBP1-430	RBP16-430	RBP3-430		
5	32.0	G 1	1 1/4	RBP1-532	RBP16-532	RBP3-532		
	33.7			RBP1-533.7	RBP16-533.7	RBP3-533.7		
	35.0			RBP1-535	RBP16-535	RBP3-535		
	38.0		1 1/2	RBP1-538	RBP16-538	RBP3-538		
	40.0			RBP1-540	RBP16-540	RBP3-540		
	42.0			RBP1-542	RBP16-542	RBP3-542		

Delivery in unassembled individual components.

¹⁾ When assembling solid rubber clamps, covering plates, hexagon screws and locking washers must be used.

Tube clamps series B – Complete range

Order codes for clamp halves:

Material	Interior surface	Order code
Polypropylene	grooved	RBP
	smooth	RBPG
Polyamide	grooved	RBN
	smooth	RBNG
Rubber	smooth	RBVG¹⁾

(Please exchange as required standard abbreviation RBP in column for "Order code")

For flame- or corrosion retardant materials, please refer to page T5.

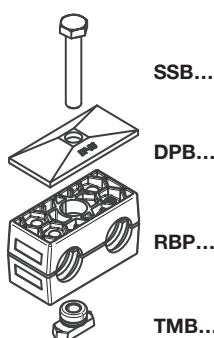
The steel parts of kits 4, 5 and 8 have the following surfaces:

Screws, bushes, cover plates = Cr(VI)-free galvanized

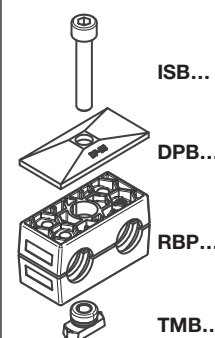
Welding plate = phosphated

Other compositions available on request.

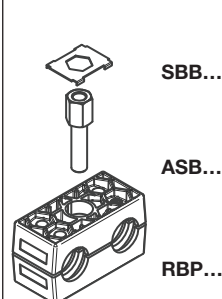
2 clamp halves,
rail nut, cover plate,
hex. head bolt



2 clamp halves,
rail nut, cover plate,
socket head bolt



2 clamp halves,
locking plate,
stacking bolt



clamp size	Tube O.D. mm	Tube NB	Tube O.D.	Order code	Order code	Order code
1	6.0	G 1/8	1/4	RBP4-106	RBP5-106	RBP8-106
	6.4			RBP4-106.4	RBP5-106.4	RBP8-106.4
	8.0			RBP4-108	RBP5-108	RBP8-108
	9.5			RBP4-109.5	RBP5-109.5	RBP8-109.5
	10.0			RBP4-110	RBP5-110	RBP8-110
	12.0			RBP4-112	RBP5-112	RBP8-112
2	12.7	G 3/8	5/8	RBP4-212.7	RBP5-212.7	RBP8-212.7
	13.5			RBP4-213.5	RBP5-213.5	RBP8-213.5
	14.0			RBP4-214	RBP5-214	RBP8-214
	15.0			RBP4-215	RBP5-215	RBP8-215
	16.0			RBP4-216	RBP5-216	RBP8-216
	17.2			RBP4-217.2	RBP5-217.2	RBP8-217.2
18.0	RBP4-218	RBP5-218	RBP8-218			
3	19.0	G 1/2	3/4	RBP4-319	RBP5-319	RBP8-319
	20.0			RBP4-320	RBP5-320	RBP8-320
	21.3			RBP4-321.3	RBP5-321.3	RBP8-321.3
	22.0			RBP4-322	RBP5-322	RBP8-322
	25.0			RBP4-325	RBP5-325	RBP8-325
	25.4			RBP4-325.4	RBP5-325.4	RBP8-325.4
4	26.9	G 3/4	1	RBP4-426.9	RBP5-426.9	RBP8-426.9
	28.0			RBP4-428	RBP5-428	RBP8-428
	30.0			RBP4-430	RBP5-430	RBP8-430
5	32.0	G 1	1 1/4	RBP4-532	RBP5-532	RBP8-532
	33.7			RBP4-533.7	RBP5-533.7	RBP8-533.7
	35.0			RBP4-535	RBP5-535	RBP8-535
	38.0			RBP4-538	RBP5-538	RBP8-538
	40.0			RBP4-540	RBP5-540	RBP8-540
	42.0			RBP4-542	RBP5-542	RBP8-542
		G 1 1/4	1 1/2			

Delivery in unassembled individual components.

1) When assembling solid rubber clamps, covering plates, hexagon screws and locking washers must be used.