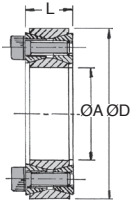
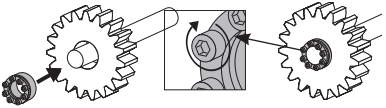
Locking assembly not self-centering Ste Stock ★★★

RTT Medium/high torque

- ***Inserts between the shaft and the bore***
- *High transmissible torque*
- *Contact pressure spread evenly*
- *Easy to assemble and dismantle*
- *Reduced width*
- *Backlash free*
- ***No constraints due to keyway***
- *Increases the resistant part of the section of the shaft*
- *Suitable for alternating rotational movements*
- *Up to 4 units can be used together*
- *Materials:*
  Body: steel
  Screws: steel DIN 912 12.9







Options

- *Other diameters available (up to 220mm bore)*
- *Stainless steel version*

Info.

- ***Pn: hub surface pressure*
- ***Pw: shaft surface pressure*

DISCOUNTS

Qty	1+	6+	20+	40+	60+	100+
Disc.	List	-10%	-15%	-20%	-25%	On request

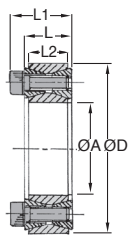
Part number	ØA	ØD	L	H	Screw M	Tightening torque TA(Nm)	Transmissible torque T (Nm)	**Pw (N/mm²)	**Pn (N/mm²)	Stock*	Price each 1 to 5
RTT20-47	20	47	20	28	8xM6x18	14	270	210	90	✔	16,30 €
RTT22-47	22	47	20	28	8xM6x18	14	300	195	90	✔	16,30 €
RTT24-50	24	50	20	28	9xM6x18	14	360	195	95	✔	16,82 €
RTT25-50	25	50	20	28	9xM6x18	14	380	190	85	✔	16,82 €
RTT28-55	28	55	20	28	10xM6x18	14	500	187	96	-	18,78 €
RTT30-55	30	55	20	28	10xM6x18	14	530	176	96	✔	20,39 €
RTT32-60	32	60	20	28	12xM6x18	14	630	192	105	-	20,62 €
RTT35-60	35	60	20	28	12xM6x18	14	700	180	105	-	20,68 €
RTT38-65	38	65	20	28	14xM6x18	14	860	183	107	-	22,71 €
RTT40-65	40	65	20	28	14xM6x18	14	910	180	110	✔	22,99 €
RTT42-75	42	75	24	34	12xM8x22	35	1500	226	125	-	28,34 €
RTT45-75	45	75	24	34	12xM8x22	35	1610	210	125	-	28,60 €
RTT48-80	48	80	24	34	12xM8x22	35	1700	196	115	-	29,89 €
RTT50-80	50	80	24	34	12xM8x22	35	1770	190	115	✔	29,92 €
RTT55-85	55	85	24	34	14xM8x22	35	2270	200	130	-	32,92 €
RTT60-90	60	90	24	34	14xM8x22	35	2470	180	120	✔	34,72 €
RTT65-95	65	95	24	34	16xM8x22	35	3040	190	130	-	37,79 €
RTT70-110	70	110	28	40	14xM10x25	70	4600	210	130	-	49,71 €
RTT75-115	75	115	28	40	14xM10x25	70	4900	195	125	-	53,85 €
RTT80-120	80	120	28	40	14xM10x25	70	5200	180	120	-	56,80 €
RTT85-125	85	125	28	40	16xM10x25	70	6300	195	130	-	60,46 €
RTT90-130	90	130	28	40	16xM10x25	70	6600	180	125	-	59,80 €
RTT95-135	95	135	28	40	18xM10x25	70	7900	195	135	-	66,72 €
RTT100-145	100	145	33	47	14xM12x30	125	9600	195	135	-	79,32 €

**Depending on availability - Dimensions in mm*

Sta New ★★★ Stainless steel locking assembly

Medium/high torque - not self-centering RTTss

- **Inserts between the shaft and the bore**
- High transmissible torque
- Contact pressure spread evenly
- Easy to assembly and dismantle
- Reduced width
- Backlash free
- **No constraints due to keyway**
- Increases the resistant part of the shaft
- Suitable for alternating movement
- Up to 4 units can be used together
- Material
  Stainless steel

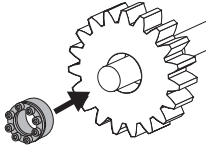


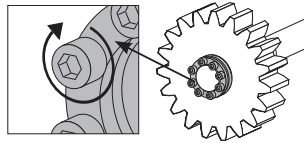


Stainless steel

Info.

- **P_N : hub surface pressure
- **P_W : shaft surface pressure





REMISES

Qty	1+	2+	5+
Disc.	List	-5%	On request

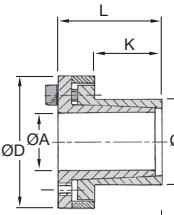
Part number	ØA	ØD	L1	L	L2	Screw M	Tightening torque TA (Nm)	Transmissible torque T (Nm)	**Pw (N/mm²)	**PN (N/mm²)	Price each
RTT20-47/SS	20	47	26	20	17	8xM6x18	8	110	133	57	43,75 €
RTT22-47/SS	22	47	26	20	17	8xM6x18	8	120	131	57	44,23 €
RTT24-50/SS	24	50	26	20	17	9xM6x18	8	150	125	60	45,71 €
RTT25-50/SS	25	50	26	20	17	9xM6x18	8	155	120	60	44,99 €
RTT28-55/SS	28	55	26	20	17	9xM6x18	8	170	107	55	48,15 €
RTT30-55/SS	30	55	26	20	17	9xM6x18	8	185	100	55	49,60 €
RTT32-60/SS	32	60	26	20	17	12xM6x18	8	265	125	66	51,80 €
RTT35-60/SS	35	60	26	20	17	12xM6x18	8	290	114	67	51,88 €
RTT38-65/SS	38	65	26	20	17	15xM6x18	8	390	131	77	59,85 €
RTT40-65/SS	40	65	26	20	17	15xM6x18	8	410	125	77	67,34 €
RTT42-75/SS	42	75	32	24	20	12xM8x22	18	595	138	78	77,17 €
RTT45-75/SS	45	75	32	24	20	12xM8x22	18	635	129	78	81,17 €
RTT48-80/SS	48	80	32	24	20	12xM8x22	18	680	121	73	85,33 €
RTT50-80/SS	50	80	32	24	20	12xM8x22	18	700	116	73	91,28 €

Dimensions in mm

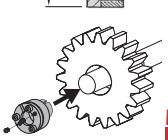
Self-centering flanged locking assembly Ste Stock ★★★

RT25 Medium/high torque

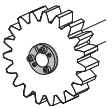
- ***Inserts between the shaft and the bore***
- *High transmissible torque*
- *Contact pressure spread evenly*
- *Easy to assembly and dismantle*
- *Reduced width*
- *Backlash free*
- ***No constraints due to keyway***
- *Increases the resistant part of the section of the shaft*
- *Suitable for alternating rotational movements*











Options

- *Other diameters available (up to 100mm bore)*

Info.

- ** PN: hub surface pressure*
- ** Pw: shaft surface pressure*

DISCOUNTS

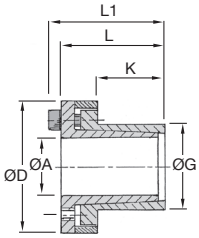
Qty.	1+	6+	10+	20+	40+	60+
Disc.	List	-20%	-30%	-40%	-50%	On request

Part number	ØA	ØG	ØD	L	Screw M	K	Tightening torque TA(Nm)	Transmissible torque T (Nm)	*Pw (N/mm²)	*PN (N/mm²)	Stock*	Price each 1 to 5
RT25-6-14	6	14	25	22,5	3xM3x10	10,0	2,2	12	190	80	✔	26,83 €
RT25-8-15	8	15	27	25,5	3xM4x12	12,0	5,0	29	205	110	✔	23,30 €
RT25-9-16	9	16	28	27,5	3xM4x12	14,0	5,0	31	150	85	✔	23,50 €
RT25-10-16	10	16	28	27,5	3xM4x12	14,0	5,0	35	140	85	✔	23,65 €
RT25-11-18	11	18	32	27,5	4xM4x12	14,0	5,0	52	170	105	✔	23,60 €
RT25-12-18	12	18	32	27,5	4xM4x12	14,0	5,0	58	150	100	✔	23,59 €
RT25-14-23	14	23	39	27,5	4xM4x12	14,0	5,0	69	140	80	✔	21,19 €
RT25-16-24	16	24	45	36,5	4xM6x12	16,0	17,0	180	148	98	✔	23,95 €
RT25-18-26	18	26	47	39,5	4xM6x18	19,0	17,0	200	180	125	✔	24,44 €
RT25-19-27	19	27	49	39,5	4xM6x18	19,0	17,0	210	170	120	✔	24,28 €
RT25-20-28	20	28	50	39,5	4xM6x18	19,0	17,0	220	160	115	✔	24,63 €
RT25-22-32	22	32	54	46,5	4xM6x18	26,0	17,0	250	115	80	✔	26,74 €
RT25-24-34	24	34	56	46,5	6xM6x18	26,0	17,0	395	146	102	✔	26,82 €
RT25-25-34	25	34	56	46,5	6xM6x18	26,0	17,0	410	140	102	✔	27,48 €
RT25-28-39	28	39	61	46,5	6xM6x18	25,5	17,0	465	135	98	✔	30,45 €
RT25-30-41	30	41	62	46,5	6xM6x18	25,5	17,0	510	127	90	✔	31,17 €
RT25-32-43	32	43	65	46,5	8xM6x18	25,5	17,0	705	146	108	✔	33,99 €
RT25-35-47	35	47	69	52,5	8xM6x18	31,5	17,0	790	105	80	-	34,77 €
RT25-38-50	38	50	72	52,5	8xM6x18	31,5	17,0	860	100	76	✔	38,83 €
RT25-40-53	40	53	75	52,5	8xM6x18	31,5	17,0	900	96	72	✔	41,10 €
RT25-42-55	42	55	78	52,5	8xM6x18	31,5	17,0	940	90	70	-	45,34 €
RT25-45-59	45	59	86	71,0	8xM8x22	45,0	41,0	1840	110	85	-	61,31 €
RT25-48-62	48	62	87	71,0	8xM8x22	45,0	41,0	2000	105	80	-	65,86 €
RT25-50-65	50	65	92	71,0	8xM8x22	45,0	41,0	2100	100	75	-	72,01 €
RT25-55-71	55	71	98	81,0	9xM8x22	55,0	41,0	2580	85	65	-	85,73 €

**Depending on availabiliity - Dimensions in mm*

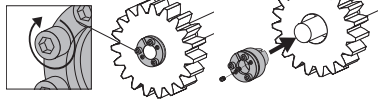
Medium/high torque RT25ss

- ***Inserts between the shaft and the bore***
- *High transmissible torque*
- *Contact pressure spread evenly*
- *Easy to assembly and dismantle*
- *Reduced width*
- *Backlash free*
- ***No constraints due to keyway***
- *Increases the resistant part of the shaft*
- *Suitable for alternating rotational movement*
- *Material*
  Stainless steel





Stainless steel



Info.

- **P_N : *hub surface pressure*
- **P_W : *shaft surface pressure*

DISCOUNTS

Qty	1+	2+	5+
Disc.	List	-5%	On request

Part number	ØA	ØG	ØD	L1	L	K	Screw M	Tightening torque TA (Nm)	Transmissible torque T (Nm)	**Pw (N/mm²)	**PN (N/mm²)	Price each
RT25-10-16/SS	10	16	29	31	27	14	4xM4x12	2	22	82	51	27,48 €
RT25-12-18/SS	12	18	32	32	28	14	4xM4x12	2	26	69	46	28,73 €
RT25-14-23/SS	14	23	38	32	28	14	4xM4x12	2	30	59	36	31,92 €
RT25-15-24/SS	15	24	44	43	37	16	4xM6x18	8	73	107	67	44,13 €
RT25-16-24/SS	16	24	44	43	37	16	4xM6x18	8	78	101	67	44,19 €
RT25-18-26/SS	18	26	47	45	39	18	4xM6x18	8	87	79	55	44,02 €
RT25-19-27/SS	19	27	49	45	39	18	4xM6x18	8	92	75	53	44,55 €
RT25-20-28/SS	20	28	50	45	39	18	4xM6x18	8	97	71	51	47,99 €
RT25-22-32/SS	22	32	54	52	46	25	4xM6x18	8	105	47	32	53,68 €
RT25-24-34/SS	24	34	56	52	46	25	6xM6x18	8	175	64	45	62,23 €
RT25-25-34/SS	25	34	56	52	46	25	6xM6x18	8	180	62	45	61,52 €
RT25-28-39/SS	28	39	61	52	46	25	6xM6x18	8	200	55	40	66,58 €
RT25-30-41/SS	30	41	62	52	46	25	6xM6x18	8	220	51	38	74,88 €
RT25-32-43/SS	32	43	65	52	46	25	8xM6x18	8	310	64	48	80,69 €
RT25-35-47/SS	35	47	66	59	53	32	8xM6x18	8	340	46	34	85,93 €
RT25-38-50/SS	38	50	72	59	53	32	8xM6x18	8	370	42	32	93,10 €
RT25-40-53/SS	40	53	75	59	53	32	8xM6x18	8	390	40	30	110,45 €
RT25-42-55/SS	42	55	78	59	53	32	8xM6x18	8	410	39	29	115,39 €
RT25-45-59/SS	45	59	86	78	70	45	8xM8x22	18	820	48	36	161,45 €
RT25-48-62/SS	48	62	87	78	70	45	8xM8x22	18	880	45	35	165,96 €
RT25-50-65/SS	50	65	92	78	70	45	8xM8x22	18	910	43	33	199,73 €

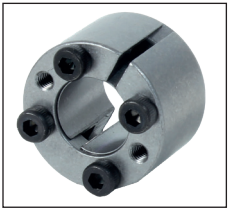
Dimensions in mm

Self-centering locking assembly

Ste

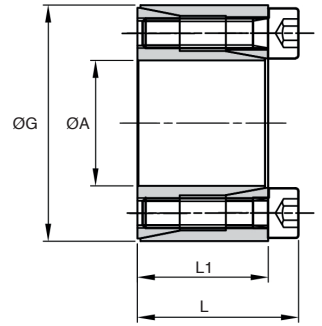
RT61 Torque medium/low

- ***Inserts between the shaft and the bore***
- *Contact pressure spread evenly*
- *Easy to assembly and dismantle*
- *Reduced width*
- *Backlash free*
- ***No constraints due to keyway***
- *Increases the resistant part of the shaft*
- *Suitable for alternating rotational movement*
- *Material*
  Steel C45E



Info.

- ***PN: hub surface pressure*
- ***PW: shaft surface pressure*



DISCOUNT

Qty	1+	6+	20+	40+	60+	100+
Disc.	List	-10%	-15%	-20%	-25%	On request

Part number	ØA	ØG	L	L1	Screw M	Tightening torque TA (Nm)	Transmissible torque T (Nm)	PW** (N/mm²)	PN* (N/mm²)	Price each 1 to 5
RT61-10-20	10	20	15,5	13	4xM2,5x12	1,2	19	89	45	7,48 €
RT61-12-22	12	22	15,5	13	4xM2,5x12	1,2	23	75	41	7,75 €
RT61-14-26	14	26	20,0	17	4xM3x16	2,1	39	71	38	8,19 €
RT61-15-28	15	28	20,0	17	4xM3x16	2,1	42	66	35	8,19 €
RT61-16-32	16	32	21,0	17	4xM4x16	4,9	77	107	54	9,17 €
RT61-18-35	18	35	25,0	21	4xM4x20	4,9	87	77	40	9,48 €
RT61-19-35	19	35	25,0	21	4xM4x20	4,9	91	73	40	9,48 €
RT61-20-38	20	38	26,0	21	4xM5x20	10,0	157	113	60	9,83 €
RT61-22-40	22	40	26,0	21	4xM5x20	10,0	173	103	57	11,18 €
RT61-24-47	24	47	32,0	26	4xM6x24	17,0	268	110	56	13,08 €
RT61-25-47	25	47	32,0	26	4xM6x24	17,0	279	105	56	13,27 €

Dimensions in mm

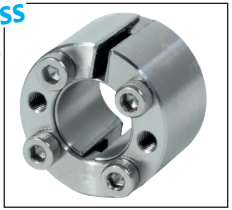
Stainless steel self-centering locking assembly

Torque medium/low

RT61ss

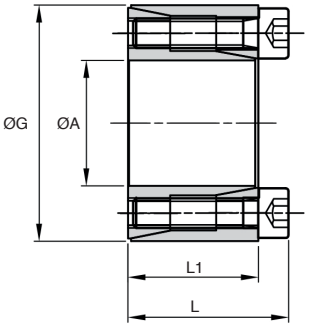
- **Inserts between the shaft and the bore**
- Contact pressure spread evenly
- Easy to assembly and dismantle
- Reduced width
- Backlash free
- **No constraints due to keyway**
- Increases the resistant part of the shaft
- Suitable for alternating rotational movement
- Material
  Stainless steel

stainless steel



Info.

- **PN: hub surface pressure
- **PW: shaft surface pressure



DISCOUNT

Qty	1+	2+	5+
Disc.	List	-5%	On request

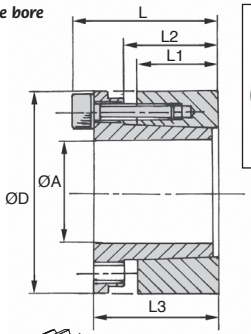
Part number	ØA	ØG	L	L1	Screw M	Tightening torque TA (Nm)	Transmissible torque T (Nm)	PW** (N/mm²)	PN* (N/mm²)	Price each
RT61-10-20/SS	10	20	15,5	13	4xM2,5x12	0,5	6	33	17	20,53 €
RT61-12-22/SS	12	22	15,5	13	4xM2,5x12	0,5	7	26	15	20,79 €
RT61-14-26/SS	14	26	20,0	17	4xM3x16	0,9	13	28	15	22,24 €
RT61-15-28/SS	15	28	20,0	17	4xM3x16	0,9	14	26	14	22,66 €
RT61-16-32/SS	16	32	21,0	17	4xM4x16	2,2	28	45	23	23,96 €
RT61-18-35/SS	18	35	25,0	21	4xM4x20	2,2	32	32	17	26,02 €
RT61-19-35/SS	19	35	25,0	21	4xM4x20	2,2	34	31	17	26,09 €
RT61-20-38/SS	20	38	26,0	21	4xM5x20	4,2	55	45	24	28,02 €
RT61-22-40/SS	22	40	26,0	21	4xM5x20	4,2	61	41	23	31,44 €
RT61-24-47/SS	24	47	32,0	26	4xM6x24	7,3	96	44	23	36,62 €
RT61-25-47/SS	25	47	32,0	26	4xM6x24	7,3	100	43	23	39,49 €

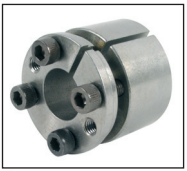
Dimensions in mm

Self-centering locking assembly Ste ★★★

RT70 Medium/high torque

- **Inserts between the shaft and the bore**
- High transmissible torque
- Contact pressure spread evenly
- Easy to assemble and dismantle
- Backlash free
- No constraints due to keyway
- **Increases the resistant part of the section of the shaft**
- Suitable for alternating rotational movements
- Materials:
  Body: steel
  Screws: steel DIN 912 12.9



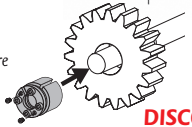


Options

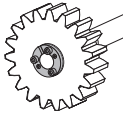
- Other diameters available (up to 180mm bore)

Info.

- * PN: hub surface pressure
- * PW: shaft surface pressure







DISCOUNTS

Qty	1+	6+	20+	40+	60+	100+
Disc.	List	-10%	-15%	-20%	-25%	On request

Part number	ØA	ØD	L1	L2	L3	L	Transmissible torque (Nm)	Pw (N/mm²)	PN (N/mm²)	No.	Screws Type	Tightening torque (Nm)	Stock*	Price each 1 to 5
RT70-19-47	19	47	26	31	39	45	350	228	98	4	M6x25	17	✔	13,69 €
RT70-20-47	20	47	26	31	39	45	390	231	100	4	M6x25	17	✔	13,69 €
RT70-22-47	22	47	26	31	39	45	440	220	95	4	M6x25	17	✔	13,69 €
RT70-24-50	24	50	26	31	39	45	519	215	102	6	M6x25	17	-	14,86 €
RT70-25-50	25	50	26	31	39	45	590	230	105	6	M6x25	17	✔	14,94 €
RT70-28-55	28	55	26	31	39	45	700	220	110	6	M6x25	17	✔	16,91 €
RT70-30-55	30	55	26	31	39	45	760	200	120	6	M6x25	17	✔	16,47 €
RT70-32-60	32	60	26	31	39	45	930	230	114	8	M6x25	17	✔	18,37 €
RT70-35-60	35	60	26	31	39	45	1030	200	119	8	M6x25	17	✔	18,50 €
RT70-38-65	38	65	26	31	39	45	1240	210	124	8	M6x25	17	-	20,85 €
RT70-40-65	40	65	26	31	39	45	1350	200	125	8	M6x25	17	✔	20,88 €
RT70-42-75	42	75	30	36	47	55	2170	236	140	6	M8x30	41	-	26,96 €
RT70-45-75	45	75	30	36	47	55	2350	236	140	6	M8x30	41	-	27,10 €
RT70-48-80	48	80	30	36	47	55	2510	218	135	6	M8x30	41	-	30,14 €
RT70-50-80	50	80	30	36	47	55	2580	218	135	6	M8x30	41	✔	30,25 €
RT70-55-85	55	85	30	36	47	55	3200	223	145	8	M8x30	41	-	34,35 €
RT70-60-90	60	90	30	36	47	55	3380	198	157	8	M8x30	41	✔	36,79 €
RT70-65-95	65	95	30	36	47	55	4160	213	140	8	M8x30	41	-	37,62 €
RT70-70-110	70	110	40	46	57	67	6840	225	143	8	M10x35	83	-	56,95 €

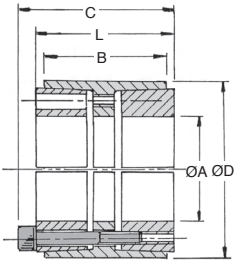
*Depending of availability - Dimensions in mm

Self-centering locking assembly

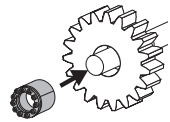
High torque

RTL450

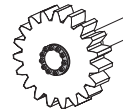
- ***Inserts between the shaft and the bore***
- *High transmissible torque*
- *Contact pressure spread evenly*
- *Easy to assembly and dismantle*
- *Reduced width*
- *Backlash free*
- *No constraints due to keyway*
- ***Increases the resistant part of the section of the shaft***
- *Suitable for alternating rotational movements*
- *Up to 3 units can be used together*
- *Material:*
  Steel











Options

- *Other diameters available (up to 300mm bore)*

Info.

- **PN: hub surface pressure*
- **PW: shaft surface pressure*

DISCOUNTS

Qty	1+	6+	20+	40+	60+	100+
Disc.	List	-10%	-15%	-20%	-25%	On request

Part number	ØA	ØD	B	L	C	Screw M	Tightening torque TA (Nm)	Transmissible torque T (Nm)	*Pw (N/mm²)	*PN (N/mm²)	Stock*	Price each 1 to 5
RTL450-25-55	25	55	32	40	46	6xM6x35	17	295	295	134	✔	28,72 €
RTL450-30-55	30	55	32	40	46	6xM6x35	17	246	246	134	✔	29,65 €
RTL450-35-60	35	60	44	54	60	7xM6x45	17	174	174	101	✔	35,99 €
RTL450-38-75	38	75	44	54	62	7xM8x50	41	296	296	150	-	44,60 €
RTL450-40-75	40	75	44	54	62	7xM8x50	41	281	281	150	✔	45,79 €
RTL450-42-75	42	75	44	54	62	7xM8x50	41	268	268	150	-	48,20 €
RTL450-45-75	45	75	44	54	62	7xM8x50	41	250	250	150	-	48,38 €
RTL450-48-80	48	80	44	54	62	8xM8x50	41	207	207	124	-	55,55 €
RTL450-50-80	50	80	56	64	72	8xM8x50	41	200	200	98	✔	55,60 €
RTL450-55-85	55	85	56	64	72	9xM8x50	41	205	205	104	✔	62,96 €
RTL450-60-90	60	90	56	64	72	10xM8x50	41	202	202	106	✔	67,78 €
RTL450-65-95	65	95	56	64	72	10xM8x50	41	187	187	100	-	72,83 €
RTL450-70-110	70	110	70	78	88	10xM10x60	83	223	223	114	-	98,29 €
RTL450-75-115	75	115	70	78	88	10xM10x60	83	223	223	114	✔	106,70 €
RTL450-80-120	80	120	70	78	88	11xM10x60	83	215	215	115	-	113,46 €
RTL450-85-125	85	125	70	78	88	12xM10x60	83	215	215	115	-	122,09 €
RTL450-90-130	90	130	70	78	88	12xM10x60	83	208	208	115	-	125,75 €
RTL450-95-135	95	135	70	78	88	12xM10x60	83	208	208	115	-	142,37 €
RTL450-100-145	100	145	90	100	112	11xM12x80	145	200	200	107	-	188,49 €

**Depending of availability - Dimensions in mm*

Principle of operation

These parts operate on the basis of an interference fit between two conical rings screwed together. The outer ring expands and exerts a pressure on the part being held whilst the inner ring exerts a pressure on a shaft.

Assembly

Carefully clean all the component parts and then apply a light coating of oil to the contact surfaces. Place one part in the hub and insert the shaft, then tighten the screws in a uniform fashion until the prescribed torque is reached. The Torque (T)and Axial Force (F ax) figures in the tables have been calculated for an oiled assembly.

Note:
Do not use Molybdenum Bisulphate based oils or greases as these can significantly reduce the frictional torque.

Dismantling

Unscrew the screws, inserting them in the extraction holes and increasing the pressure in a gradual and uniform manner until the cones are released. When re-using the pieces, ensure that the screws and threaded holes are oiled.

Tolerance

A good machine-finish is sufficient.

Roughness

Maximum admissible roughness: Rt max 16µm

Recommended assembly tolerances

